

Supplemental Tables	
S1	Cohorts and samples
S2	ADSP PHC endophenotypes
S3	40 significant genes from rare aggregation association
S4	Carrier vs. non-carrier tests for each gene-phenotype pair
S5	Replications in UKB and ADGC
S6	Ancestry concentration analysis
S7	List of SNVs for coalescence analysis
S8	Sample reported and genetic inferring acenstry

Table S1 Cohorts and samples	
Cohort	Samples
A4 Study (A4)	3345
Adult Changes in Thought (ACT)	278
Alzheimer's Disease Neuroimaging Initiative (ADNI)	2168
Amish Protective Variant Study (AMISH_PV)	1132
Arizona APOE Cohort Study	88
ASPrin in Reducing Events in the Elderly (ASPREE)	3067
Brain Amyloid Cognitive Normal Elders Study (BACNE)	129
Cache County Study	207
Cardiff EOAD	395
Case Western Reserve University (CWRU) Autopsy Cohort	136
Case Western Reserve University (CWRU) Rapid Decline Cohort	236
Center for Cognitive Neuroscience and Aging (CNSA)	271
Cuban American Alzheimer's Disease Initiative (CuAADI)	121
Erasmus Rucphen Family (ERF)	122
Estudio Familiar de la Influencia Genetica en Alzheimer (EFIGA)	5300
Gwangju Alzheimer's and Related Dementia (GARD)	1995
Harmonized Diagnostic Assessment of Dementia for the Longitudinal Aging Study of India (LASI-DAD)	2682
Health and Aging Brain Study - Health Disparities (HABS-HD)	1359
Healthy Elderly Active Longevity (HEAL) Cohort "Welllderly"	1147
Heart SCORE (HS)	133
Hillblom' Aging Network (HAN)	15
Human Connectome Project (HCP)	189
Indianapolis-Ibadan Dementia Project (IBADAN)	964
IndyAA - Indianapolis African Americans	395
KnightADRC - Charles F. and Joanne Knight Alzheimer's Disease Research Center (KGAD)	1833
Korean Brain Aging Study for the Early Diagnosis and Prediction of AD (KBASE)	603
LonGenity	27
Longevity Genes Project (LGP)	5
Mayo Clinic	169
Memory and Aging Project (MAP)	360
Mexican Health and Aging Study (MHAS)	2617
Mexico-Southern California Autosomal Dominant Alzheimer's Disease Consortium	62
Mount Sinai Brain Bank	344
National Cell Repository for Alzheimer's Disease (NCRAD)	521
National Institute of Aging Alzheimer's Disease Family Based Study (NIA AD-FBS)	1292
NIA Alzheimer Disease Centers (ADC)	12574
Northern Manhattan Study (NOMAS)	807
Peru Alzheimer's Disease Initiative (PeADI)	493
Progressive Supranuclear Palsy Study (PSP)	1584
Progressive Supranuclear Palsy Study - UCLA (PSP-UCLA)	408
Puerto Rican 10/66 Study (PR1066)	1517
Puerto Rican Alzheimer's Disease Initiative (PRADI)	738
Religious Orders Study (ROS)	370
Research in African-American Alzheimer's Disease Initiative (REAAADI)	715
Resource for Early-onset Alzheimer's Disease Research (READR)	39

Stanford Extreme Phenotypes in AD (StEP-AD)	195
Texas Alzheimer's Research and Care Consortium (TARCC)	1017
The Ginkgo Evaluation of Memory Study (GEMS)	161
The Monongahela-Youghiogheny Healthy Aging Team study (MYHAT)	61
The University of Alabama Birmingham Alzheimer's Disease Research Center (UAB_ADRC)	17
University of Miami	1246
University of Miami Brain Bank (MBB)	312
University of Pittsburgh ADRC- Kamboh	541
University of Washington Families	89
Vanderbilt University	75
Washington Heights-Inwood Columbia Aging Project (WHICAP)	821
Wisconsin Registry for Alzheimer's Prevention (WRAP)	1020

Table S2 ADSP PHC endophenotypes				
	Description	Value	AD	Control
Age	Age	[15 - 90+]	11804	25869
Braak	BRAAK Stage	[0 - 6]	2738	939
CERAD	CERAD Score	[0 - 3]	1747	725
MEM	Harmonized Composite Memory Score	[-3.372 - 2.866]	5851	10770
EXF	Harmonized Composite Executive Function Score	[-3.612 - 3.225]	5404	7497
LAN	Harmonized Composite Language Score	[-3.936 - 3.165]	5335	7495
VSP	Harmonized Composite Visuospatial Score	[-3.279 - 2.518]	1414	1400
AB42	Harmonized Z-Score for AB42 Biomarker Levels	[-2.820 - 2.626]	791	786
Tau	Harmonized Z-score for Tau Biomarker Levels	[-2.787 - 2.581]	769	781
pTau-181	Harmonized Z-score for pTau Biomarker Levels	[-2.977 - 2.919]	770	780
LEWY_full	PD Braak Staging	[0 - 4]	1693	715
TDP43	TDP Whole Brain	0 or 1	964	501
HS_S	Hippocampal sclerosis (dichotomous)	0 or 1	1654	698
CVD_S	Cerebrovascular Disease (dichotomous)	0 or 1	1701	723
CVD_ATH	Atherosclerosis	[0 - 3]	1680	715
CVD_ART	Arteriolosclerosis	[0 - 3]	1598	651

Table S3 40 significant genes from rare aggregation association											
CHROM	Gene	Gene stable ID	Mask	N	TEST	BETA	SE	CHISQ	LOG10P	P	Nearby GWAS Signals
1	NUP210L	ENSG00000143552	M3	38386	ADD-ACATO			36.4298	8.80062	1.58E-09	
1				38386	ADD-ACATV			30.0524	7.3762	4.21E-08	
1				38386	ADD-SKAT			37.1428	8.95945	1.10E-09	
1				38386	ADD-SKATO			37.498	9.03855	9.15E-10	
1				38386	ADD	-0.3648	0.075117	24.6533	6.16352	6.86E-07	
1	CACNA1S	ENSG00000081248	M2	38386	ADD-ACATO			24.4912	6.12698	7.46E-07	
1				38386	ADD-ACATV			28.736	7.0812	8.29E-08	
1	GPR37L1	ENSG00000170075	M1	38386	ADD-ACATO			24.0627	6.03036	9.32E-07	
1				38386	ADD-ACATV			23.7987	5.97081	1.07E-06	
1				38386	ADD-SKAT			23.685	5.94513	1.13E-06	
1				38386	ADD-SKATO			24.7974	6.19597	6.37E-07	
1				38385	ADD	0.464595	0.091321	24.9188	6.22333	5.98E-07	
1	EXO1	ENSG00000174371	M2	38386	ADD-ACATO			28.3879	7.00312	9.93E-08	
1				38386	ADD-ACATV			32.6504	7.95737	1.10E-08	
2	PDE11A	ENSG00000128655	M2	38386	ADD-ACATO			24.5745	6.14574	7.15E-07	
2				38386	ADD-ACATV			28.6427	7.06028	8.70E-08	
3	TMEM158	ENSG00000249992	M2	38386	ADD-ACATO			31.4639	7.69211	2.03E-08	
3				38386	ADD-ACATV			31.0289	7.5948	2.54E-08	
3				38386	ADD-SKAT			33.1985	8.07979	8.32E-09	
3				38386	ADD-SKATO			32.6845	7.96498	1.08E-08	
3	ATP13A5	ENSG00000187527	M2	38386	ADD-ACATV			26.9411	6.67831	2.10E-07	
6	TREM2	ENSG00000095970	M2	38386	ADD-ACATO			28.0435	6.92584	1.19E-07	TREM2,TREML2,UNC5 CL
6				38386	ADD-SKAT			25.5116	6.35681	4.40E-07	
6				38386	ADD-SKATO			27.6733	6.84275	1.44E-07	
6				38386	ADD	0.401752	0.075942	27.4404	6.79045	1.62E-07	
6	ULBP2	ENSG00000131015	M2	38386	ADD-ACATO			34.8986	8.45926	3.47E-09	
6				38386	ADD-ACATV			39.1828	9.4135	3.86E-10	
7	RASA4CP	ENSG00000228903	M3	38386	ADD-ACATV			25.601	6.37694	4.20E-07	
7	GPC2	ENSG00000213420	M2	38386	ADD-ACATO			34.3549	8.33797	4.59E-09	NYAP1,ZCWPW1
7				38386	ADD-ACATV			34.496	8.36943	4.27E-09	
7				38386	ADD-SKAT			35.8848	8.67916	2.09E-09	
7				38386	ADD-SKATO			34.3419	8.33505	4.62E-09	
10	PPP2R2D	ENSG00000175470	M3	38386	ADD-ACATO			23.1551	5.82551	1.49E-06	
10				38386	ADD-SKATO			23.0686	5.80597	1.56E-06	
10			M1	38386	ADD-ACATO			30.4143	7.45724	3.49E-08	
10				38386	ADD-ACATV			31.0192	7.59262	2.55E-08	
10				38386	ADD-SKAT			30.6621	7.5127	3.07E-08	

10				38386	ADD-SKATO			30.635	7.50666	3.11E-08	
10				38386	ADD	-0.94053	0.19091	28.7263	7.07903	8.34E-08	
11	DEAF1	ENSG00000177030	M2	38386	ADD-SKATO			23.1497	5.8243	1.50E-06	
11	CREB3L1	ENSG00000157613	M2	38386	ADD-ACATV			23.6995	5.94843	1.13E-06	
12	ACADS	ENSG00000122971	M2	38386	ADD-ACATO			71.7323	16.6083	2.46E-17	
12				38386	ADD-ACATV			76.0695	17.5625	2.74E-18	
12				38386	ADD-SKAT			53.757	12.6442	2.27E-13	
12				38386	ADD-SKATO			49.8038	11.7698	1.70E-12	
13	CCNA1	ENSG00000133101	M2	38386	ADD-ACATV			23.1903	5.83347	1.47E-06	
13	ARGLU1	ENSG00000134884	M2	38386	ADD-ACATO			34.5698	8.38591	4.11E-09	
13				38386	ADD-SKAT			27.9698	6.9093	1.23E-07	
13				38386	ADD-SKATO			37.0318	8.93473	1.16E-09	
13				38386	ADD	-0.56384	0.091488	41.2457	9.8721	1.34E-10	
14	TRAV1-1	ENSG00000255569	M1	38386	ADD-ACATV			23.8058	5.97239	1.07E-06	
14				38386	ADD-SKAT			23.2066	5.83715	1.45E-06	
14				38386	ADD-SKATO			23.1525	5.82493	1.50E-06	
14	MYH6	ENSG00000197616	M3	38386	ADD-ACATO			29.5454	7.26263	5.46E-08	
14				38386	ADD-ACATV			27.3085	6.76084	1.73E-07	
14				38386	ADD-SKAT			31.3909	7.67578	2.11E-08	
14			M2	38386	ADD-SKATO			29.2713	7.20121	6.29E-08	
14				38386	ADD-ACATO			23.7975	5.97054	1.07E-06	
14				38386	ADD-SKAT			26.4534	6.56868	2.70E-07	
14				38386	ADD-SKATO			24.1771	6.05615	8.79E-07	
14	PSEN1	ENSG00000080815	M2	38386	ADD-ACATO			47.9077	11.3499	4.47E-12	
14				38386	ADD-ACATV			52.2192	12.3042	4.96E-13	
14				38386	ADD-SKAT			24.4308	6.11335	7.70E-07	
14				38386	ADD-SKATO			24.5136	6.13203	7.38E-07	
14	VASH1	ENSG00000071246	M2	38386	ADD-ACATO			23.9973	6.01561	9.65E-07	
14				38386	ADD-ACATV			28.2391	6.96973	1.07E-07	
14	SPTLC2	ENSG00000100596	M2	38386	ADD-ACATO			25.6323	6.38399	4.13E-07	
14				38386	ADD-ACATV			29.8826	7.33818	4.59E-08	
15	POLR2M	ENSG00000255529	M2	38386	ADD-ACATO			25.0095	6.24376	5.70E-07	ADAM10
15				38386	ADD-ACATV			29.2569	7.19798	6.34E-08	
15	AKAP13	ENSG00000170776	M2	38386	ADD-ACATV			24.6382	6.1601	6.92E-07	
16	METTL22	ENSG00000067365	M3	38386	ADD-ACATV			23.1467	5.82363	1.50E-06	
16	SBK1	ENSG00000188322	M1	38375	ADD	0.840013	0.168045	25.4871	6.3513	4.45E-07	
16	MMP15	ENSG00000102996	M2	38386	ADD-ACATO			28.5078	7.03002	9.33E-08	
16				38386	ADD-ACATV			32.6994	7.9683	1.08E-08	
16				38386	ADD-SKAT			24.7737	6.19063	6.45E-07	

16	ANKRD11	ENSG00000167522	M2	38386	ADD-ACATO			37.8992	9.12788	7.45E-10	PRDM7
16				38386	ADD-ACATV			42.1912	10.0821	8.28E-11	
17	PRPSAP2	ENSG00000141127	M3	38386	ADD-ACATO			38.8632	9.34241	4.55E-10	MYO15A
17				38386	ADD-ACATV			42.6252	10.1785	6.63E-11	
17				38386	ADD-SKAT			34.1922	8.30165	4.99E-09	
17				38386	ADD-SKATO			34.7346	8.42268	3.78E-09	
17				38386	ADD	-0.34491	0.070664	24.8548	6.20891	6.18E-07	
17	KRT23	ENSG00000108244	M2	38386	ADD-ACATV			27.0183	6.69564	2.02E-07	
17	SMURF2	ENSG00000108854	M2	38386	ADD-ACATO			26.0311	6.47371	3.36E-07	
17				38386	ADD-ACATV			30.2587	7.4224	3.78E-08	
17	NPTX1	ENSG00000171246	M2	38386	ADD-ACATO			24.8284	6.20295	6.27E-07	
17				38386	ADD-ACATV			29.0749	7.15719	6.96E-08	
17	METRNL	ENSG00000176845	M2	38386	ADD-ACATO			46.8265	11.1104	7.76E-12	
17				38386	ADD-ACATV			51.1361	12.0646	8.62E-13	
17				38386	ADD-SKAT			28.3498	6.99458	1.01E-07	
17				38386	ADD-SKATO			26.9715	6.68513	2.06E-07	
18	ZBTB14	ENSG00000198081	M3	38386	ADD-ACATO			28.4588	7.01903	9.57E-08	
18				38386	ADD-ACATV			27.8725	6.88746	1.30E-07	
18				38386	ADD-SKAT			28.9001	7.11799	7.62E-08	
18				38386	ADD-SKATO			28.924	7.12335	7.53E-08	
18	PIEZO2	ENSG00000154864	M2	38386	ADD-ACATO			31.3212	7.6602	2.19E-08	
18				38386	ADD-ACATV			35.5866	8.61269	2.44E-09	
18	CABLES1	ENSG00000134508	M2	38386	ADD-ACATV			25.2462	6.29705	5.05E-07	
19	MFSD12	ENSG00000161091	M1	38386	ADD-ACATO			41.0831	9.83597	1.46E-10	
19				38386	ADD-ACATV			39.6266	9.51221	3.07E-10	
19				38386	ADD-SKAT			40.8393	9.78179	1.65E-10	
19				38386	ADD-SKATO			42.0837	10.0582	8.75E-11	
19				38386	ADD	-0.72412	0.123127	39.1295	9.40164	3.97E-10	
19	CBLC	ENSG00000142273	M3	38386	ADD-ACATO			23.5857	5.92273	1.19E-06	APOE
19				38386	ADD-SKAT			24.4654	6.12115	7.57E-07	
19	KCNC3	ENSG00000131398	M2	38386	ADD-ACATO			23.4423	5.89037	1.29E-06	CD33;SIGLEC11
19				38386	ADD-SKATO			23.0101	5.79277	1.61E-06	
20	KIF16B	ENSG00000089177	M2	38386	ADD-ACATO			71.2288	16.4974	3.18E-17	
20				38386	ADD-ACATV			63.3629	14.7647	1.72E-15	
20				38386	ADD-SKAT			73.4094	16.9773	1.05E-17	
20				38386	ADD-SKATO			70.2752	16.2875	5.16E-17	
Mask1	stop_lost,start_lost,stop_gained,frameshift_variant,transcript_ablation										
Mask2	inframe_insertion,inframe_deletion,missense_variant,protein_altering_variant										

Table S4 Carrier vs. non-carrier tests for each gene-phenotype pair								
phenotype	N	gene	model	carriers	estimate	p.value	OR	q_by_pheno
Braak	5217	NUP210L	wilcox_HL	60	-2.91E-05	0.645195835	NA	0.832510754
		CACNA1S	wilcox_HL	652	4.67E-05	0.99529348	NA	0.99529348
		GPR37L1	wilcox_HL	56	6.27E-05	0.111314489	NA	0.296838638
		EXO1	wilcox_HL	593	3.75E-05	0.390601621	NA	0.651002702
		PDE11A	wilcox_HL	341	-9.43E-05	0.109679021	NA	0.296838638
		TMEM158	wilcox_HL	52	-7.61E-05	0.086469556	NA	0.266060171
		ATP13A5	wilcox_HL	347	-4.75E-05	0.743649209	NA	0.901392981
		TREM2	wilcox_HL	138	5.50E-05	3.55E-05	NA	0.00047354
		ULBP2	wilcox_HL	126	4.47E-05	0.068824567	NA	0.229415222
		RASA4CP	wilcox_HL	65	5.61E-05	0.004589431	NA	0.030596208
		GPC2	wilcox_HL	85	-7.78E-05	0.277461673	NA	0.528498425
		PPP2R2D	wilcox_HL	95	-9.22E-07	0.259904325	NA	0.51980865
		DEAF1	wilcox_HL	280	-6.72E-06	0.147879901	NA	0.369699752
		CREB3L1	wilcox_HL	215	-7.62E-06	0.203753172	NA	0.452784827
		ACADS	wilcox_HL	59	4.30E-05	0.167551548	NA	0.394238937
		CCNA1	wilcox_HL	51	1.57E-05	0.007342265	NA	0.041955801
		ARGLU1	wilcox_HL	52	-3.92E-05	0.306026238	NA	0.542917054
		TRAV1-1	wilcox_HL	14	-1.80E-05	0.864432868	NA	0.93452202
		MYH6	wilcox_HL	813	4.47E-06	8.13E-06	NA	0.000162672
		PSEN1	wilcox_HL	87	0.999952728	2.41E-10	NA	9.64E-09
		VASH1	wilcox_HL	28	4.63E-05	0.055350353	NA	0.228678232
		SPTLC2	wilcox_HL	59	1.67E-05	0.239029984	NA	0.503221019
		POLR2M	wilcox_HL	133	6.71E-05	0.000638726	NA	0.005109804
		AKAP13	wilcox_HL	669	3.52E-05	0.588835179	NA	0.812186454
		METTL22	wilcox_HL	17	0.999982841	0.031797415	NA	0.158987074
		SBK1	wilcox_HL	49	-1.66E-05	0.691852129	NA	0.864815161
		MMP15	wilcox_HL	251	3.65E-05	0.858983055	NA	0.93452202
		ANKRD11	wilcox_HL	550	-2.89E-05	0.791232486	NA	0.904265699
		PRPSAP2	wilcox_HL	86	-5.41E-05	0.065061062	NA	0.229415222
		KRT23	wilcox_HL	81	-2.93E-05	0.548643662	NA	0.78377666
		SMURF2	wilcox_HL	97	-7.09E-05	0.619295847	NA	0.825727796
		NPTX1	wilcox_HL	60	8.12E-05	0.057169558	NA	0.228678232
		METRNL	wilcox_HL	210	-1.52E-05	0.488233936	NA	0.751129133
		ZBTB14	wilcox_HL	47	3.34E-05	0.785428854	NA	0.904265699
PIEZO2	wilcox_HL	488	-3.14E-05	0.956039365	NA	0.980553195		
CABLES1	wilcox_HL	236	4.58E-05	0.546308522	NA	0.78377666		
MFSD12	wilcox_HL	35	-7.63E-05	0.312177306	NA	0.542917054		
CBLC	wilcox_HL	240	3.21E-07	6.31E-05	NA	0.000631178		
KCNC3	wilcox_HL	161	-4.99E-05	0.407429137	NA	0.651886619		
KIF16B	wilcox_HL	376	-1.16E-05	0.896978409	NA	0.944187799		
NUP210L	wilcox_HL	35	-5.78E-05	0.108767697	NA	0.290047191		
CACNA1S	wilcox_HL	475	1.53E-05	0.134917387	NA	0.325939437		
GPR37L1	wilcox_HL	37	2.27E-05	0.293858885	NA	0.511058931		
EXO1	wilcox_HL	444	2.87E-05	0.740402371	NA	0.846174138		
PDE11A	wilcox_HL	250	-5.83E-05	0.677133659	NA	0.841513334		
TMEM158	wilcox_HL	32	-3.99E-05	0.206658331	NA	0.395608525		
ATP13A5	wilcox_HL	278	1.36E-05	0.044466742	NA	0.197629964		
TREM2	wilcox_HL	100	3.71E-05	0.000864337	NA	0.008899684		
ULBP2	wilcox_HL	101	2.01E-05	0.001726778	NA	0.012070051		
RASA4CP	wilcox_HL	49	7.21E-05	0.003124533	NA	0.017854476		
GPC2	wilcox_HL	55	-3.72E-05	0.60802014	NA	0.784542117		
PPP2R2D	wilcox_HL	66	-8.96E-05	0.433335479	NA	0.685887016		
DEAF1	wilcox_HL	216	2.31E-05	0.983861852	NA	0.983861852		

CERAD

3842

CREB3L1	wilcox_HL	157	-4.60E-05	0.052467081	NA	0.209868325
ACADS	wilcox_HL	40	2.53E-05	0.067542273	NA	0.22514091
CCNA1	wilcox_HL	42	2.74E-05	0.018547608	NA	0.092738038
ARGLU1	wilcox_HL	37	-3.41E-05	0.138524261	NA	0.325939437
TRAV1-1	wilcox_HL	14	-5.10E-05	0.82987795	NA	0.917356222
MYH6	wilcox_HL	607	3.50E-05	0.000889968	NA	0.008899684
PSEN1	wilcox_HL	61	5.21E-05	3.45E-06	NA	7.68E-05
VASH1	wilcox_HL	20	5.02E-05	0.170440554	NA	0.358822218
SPTLC2	wilcox_HL	42	4.88E-05	0.207694476	NA	0.395608525
POLR2M	wilcox_HL	103	2.39E-05	0.001810508	NA	0.012070051
AKAP13	wilcox_HL	483	1.93E-05	0.47388051	NA	0.702045199
METTL22	wilcox_HL	15	4.96E-05	0.097274516	NA	0.290047191
SBK1	wilcox_HL	35	-2.18E-05	0.57960711	NA	0.77280948
MMP15	wilcox_HL	176	-2.69E-05	0.257069212	NA	0.467398567
ANKRD11	wilcox_HL	399	4.53E-05	0.05897545	NA	0.214456183
PRPSAP2	wilcox_HL	57	-3.41E-05	0.106696809	NA	0.290047191
KRT23	wilcox_HL	58	-1.59E-05	0.974210679	NA	0.983861852
SMURF2	wilcox_HL	69	4.56E-05	0.44582656	NA	0.685887016
NPTX1	wilcox_HL	49	1.49E-06	0.727521543	NA	0.846174138
METRNL	wilcox_HL	155	-9.18E-05	0.6942485	NA	0.841513334
ZBTB14	wilcox_HL	25	-7.87E-05	0.16654863	NA	0.358822218
PIEZO2	wilcox_HL	363	2.54E-05	0.499381967	NA	0.71340281
CABLES1	wilcox_HL	184	2.70E-05	0.401739091	NA	0.669565152
MFSD12	wilcox_HL	19	-2.64E-06	0.550748174	NA	0.759652653
CBLC	wilcox_HL	177	7.42E-05	3.84E-06	NA	7.68E-05
KCNC3	wilcox_HL	110	-1.60E-05	0.879283069	NA	0.925561125
KIF16B	wilcox_HL	276	-5.19E-05	0.848554505	NA	0.917356222

Tau

2183

NUP210L	wilcox_HL	34	-0.144955904	0.421460344	NA	0.720465195
CACNA1S	wilcox_HL	318	-0.066172194	0.306367303	NA	0.583556768
GPR37L1	wilcox_HL	33	0.355169731	0.050902373	NA	0.254511866
EXO1	wilcox_HL	260	-0.078618318	0.261995194	NA	0.551568828
PDE11A	wilcox_HL	147	0.04679737	0.613523499	NA	0.791643225
TMEM158	wilcox_HL	45	0.102290837	0.504325636	NA	0.720465195
ATP13A5	wilcox_HL	153	-0.09564498	0.298723416	NA	0.583556768
TREM2	wilcox_HL	43	0.282264044	0.089041603	NA	0.296805343
ULBP2	wilcox_HL	63	-0.215015754	0.110364973	NA	0.315328493
RASA4CP	wilcox_HL	89	-0.145294284	0.190015531	NA	0.447095368
GPC2	wilcox_HL	37	-0.218821068	0.217399969	NA	0.483111042
PPP2R2D	wilcox_HL	60	0.070872604	0.595952099	NA	0.791643225
DEAF1	wilcox_HL	102	0.035845117	0.725904364	NA	0.900663509
CREB3L1	wilcox_HL	102	-0.37691972	0.000460097	NA	0.01690907
ACADS	wilcox_HL	23	0.363251722	0.107121523	NA	0.315328493
CCNA1	wilcox_HL	30	-0.108585045	0.589589206	NA	0.791643225
ARGLU1	wilcox_HL	36	0.002729844	0.988300038	NA	0.988300038
TRAV1-1	wilcox_HL	11	0.031123112	0.91141277	NA	0.988300038
MYH6	wilcox_HL	329	0.018650576	0.769423267	NA	0.900663509
PSEN1	wilcox_HL	25	0.180314851	0.501120426	NA	0.720465195
VASH1	wilcox_HL	12	-0.028872811	0.938867105	NA	0.988300038
SPTLC2	wilcox_HL	25	0.381924904	0.076797017	NA	0.279261881
POLR2M	wilcox_HL	64	-0.247805757	0.074836791	NA	0.279261881
AKAP13	wilcox_HL	287	-0.179213453	0.009556494	NA	0.127419918
METTL22	wilcox_HL	24	-0.341762704	0.129272749	NA	0.344727331
SBK1	wilcox_HL	35	-0.419636051	0.019581732	NA	0.168205898
MMP15	wilcox_HL	103	-0.030088907	0.78808057	NA	0.900663509
ANKRD11	wilcox_HL	540	-0.175640079	0.000845453	NA	0.01690907

		PRPSAP2	wilcox_HL	43	-0.312148255	0.061883992	NA	0.275039963
		KRT23	wilcox_HL	50	-0.221462419	0.142078449	NA	0.355196124
		SMURF2	wilcox_HL	42	0.11543172	0.457149569	NA	0.720465195
		NPTX1	wilcox_HL	29	-0.4325963	0.025748152	NA	0.171654348
		METRNL	wilcox_HL	89	0.037010609	0.760341238	NA	0.900663509
		ZBTB14	wilcox_HL	38	-0.004313421	0.979390192	NA	0.988300038
		PIEZO2	wilcox_HL	201	-0.057617543	0.480451029	NA	0.720465195
		CABLES1	wilcox_HL	107	0.070125721	0.486318211	NA	0.720465195
		MFSD12	wilcox_HL	23	0.00734868	0.969094833	NA	0.988300038
		CBLC	wilcox_HL	108	0.212113082	0.037421103	NA	0.213834873
		KCNC3	wilcox_HL	60	-0.096520065	0.489381104	NA	0.720465195
		KIF16B	wilcox_HL	158	-0.202104844	0.021025737	NA	0.168205898
		NUP210L	wilcox_HL	34	-0.034214039	0.84527859	NA	0.913814692
		CACNA1S	wilcox_HL	321	-0.073488829	0.256688496	NA	0.603972931
		GPR37L1	wilcox_HL	34	0.378390801	0.038741267	NA	0.186453408
		EXO1	wilcox_HL	259	-0.017310027	0.802670265	NA	0.913814692
		PDE11A	wilcox_HL	146	0.001829438	0.981549209	NA	0.981549209
		TMEM158	wilcox_HL	45	0.021506448	0.906152261	NA	0.943457237
		ATP13A5	wilcox_HL	149	-0.076571368	0.389254625	NA	0.865010278
		TREM2	wilcox_HL	43	0.324098996	0.034063009	NA	0.186453408
		ULBP2	wilcox_HL	68	-0.030484735	0.830131688	NA	0.913814692
		RASA4CP	wilcox_HL	89	0.052168031	0.64063742	NA	0.907380316
		GPC2	wilcox_HL	36	-0.294891163	0.092944691	NA	0.309815637
		PPP2R2D	wilcox_HL	59	-0.06571067	0.620629677	NA	0.907380316
		DEAF1	wilcox_HL	101	0.021125058	0.842766594	NA	0.913814692
		CREB3L1	wilcox_HL	101	-0.337757883	0.001580414	NA	0.034750686
		ACADS	wilcox_HL	24	0.125298586	0.551725742	NA	0.907380316
		CCNA1	wilcox_HL	30	-0.140362785	0.51850892	NA	0.907380316
		ARGLU1	wilcox_HL	36	0.082554058	0.665504238	NA	0.907380316
		TRAV1-1	wilcox_HL	10	-0.349467301	0.24881304	NA	0.603972931
		MYH6	wilcox_HL	327	0.020280075	0.748588761	NA	0.907380316
		PSEN1	wilcox_HL	23	0.079401239	0.726102282	NA	0.907380316
		VASH1	wilcox_HL	11	-0.033915066	0.919870806	NA	0.943457237
		SPTLC2	wilcox_HL	25	0.143462207	0.532649744	NA	0.907380316
		POLR2M	wilcox_HL	66	-0.082184187	0.508402761	NA	0.907380316
		AKAP13	wilcox_HL	285	-0.142079576	0.03588892	NA	0.186453408
		METTL22	wilcox_HL	23	-0.293415494	0.166592711	NA	0.475979173
		SBK1	wilcox_HL	35	-0.3765331	0.041952017	NA	0.186453408
		MMP15	wilcox_HL	105	0.034589818	0.741667928	NA	0.907380316
		ANKRD11	wilcox_HL	548	-0.069881302	0.179934816	NA	0.479826176
		PRPSAP2	wilcox_HL	43	-0.536979378	0.001737534	NA	0.034750686
		KRT23	wilcox_HL	50	-0.218769769	0.125861718	NA	0.387266826
		SMURF2	wilcox_HL	42	0.268726763	0.091101135	NA	0.309815637
		NPTX1	wilcox_HL	29	-0.429559982	0.02184698	NA	0.174775838
		METRNL	wilcox_HL	88	-0.062329295	0.597080682	NA	0.907380316
		ZBTB14	wilcox_HL	38	-0.110458498	0.5175936	NA	0.907380316
		PIEZO2	wilcox_HL	202	-0.209777155	0.009797801	NA	0.110145409
		CABLES1	wilcox_HL	103	0.041189453	0.685177174	NA	0.907380316
		MFSD12	wilcox_HL	23	-0.128231646	0.590987455	NA	0.907380316
		CBLC	wilcox_HL	109	0.261805748	0.011014541	NA	0.110145409
		KCNC3	wilcox_HL	60	-0.068088958	0.630050673	NA	0.907380316
		KIF16B	wilcox_HL	159	-0.155586266	0.072675977	NA	0.290703907
		NUP210L	wilcox_HL	33	2.50E-05	0.228563877	NA	0.868582931
		CACNA1S	wilcox_HL	458	4.95E-05	0.512106322	NA	0.868582931
		GPR37L1	wilcox_HL	36	7.92E-05	0.547356513	NA	0.868582931

pTau-181

2175

LEWY_full

3706

EXO1	wilcox_HL	426	-3.46E-05	0.080223671	NA	0.77649948
PDE11A	wilcox_HL	238	-4.85E-05	0.093368662	NA	0.77649948
TMEM158	wilcox_HL	32	-7.01E-05	0.947049321	NA	0.978340381
ATP13A5	wilcox_HL	265	5.16E-05	0.271462359	NA	0.868582931
TREM2	wilcox_HL	99	3.63E-05	0.284456772	NA	0.868582931
ULBP2	wilcox_HL	95	5.87E-05	0.194014835	NA	0.868582931
RASA4CP	wilcox_HL	44	4.59E-05	0.469859378	NA	0.868582931
GPC2	wilcox_HL	54	-4.22E-05	0.116474922	NA	0.77649948
PPP2R2D	wilcox_HL	65	3.32E-05	0.237792442	NA	0.868582931
DEAF1	wilcox_HL	209	-5.84E-05	0.236333987	NA	0.868582931
CREB3L1	wilcox_HL	154	7.27E-05	0.767370631	NA	0.902788977
ACADS	wilcox_HL	39	3.28E-05	0.116180681	NA	0.77649948
CCNA1	wilcox_HL	41	-6.33E-05	0.418433363	NA	0.868582931
ARGLU1	wilcox_HL	36	-6.96E-05	0.660927102	NA	0.868582931
TRAV1-1	wilcox_HL	14	-5.35E-05	0.408276049	NA	0.868582931
MYH6	wilcox_HL	588	8.29E-05	0.622829401	NA	0.868582931
PSEN1	wilcox_HL	61	6.70E-05	0.071919693	NA	0.77649948
VASH1	wilcox_HL	19	1.43E-05	0.51891759	NA	0.868582931
SPTLC2	wilcox_HL	39	2.48E-05	0.695101932	NA	0.868582931
POLR2M	wilcox_HL	97	9.69E-06	0.346539751	NA	0.868582931
AKAP13	wilcox_HL	468	-3.23E-05	0.90797969	NA	0.978340381
METTL22	wilcox_HL	13	-5.69E-05	0.413508333	NA	0.868582931
SBK1	wilcox_HL	35	-1.49E-06	0.700537478	NA	0.868582931
MMP15	wilcox_HL	167	-6.13E-06	0.716580918	NA	0.868582931
ANKRD11	wilcox_HL	384	5.15E-05	0.410947109	NA	0.868582931
PRPSAP2	wilcox_HL	56	-5.48E-05	0.953881871	NA	0.978340381
KRT23	wilcox_HL	55	-1.10E-05	0.628131943	NA	0.868582931
SMURF2	wilcox_HL	68	1.12E-05	0.939030325	NA	0.978340381
NPTX1	wilcox_HL	44	-7.73E-05	0.405309828	NA	0.868582931
METRNL	wilcox_HL	149	-5.43E-05	0.670537172	NA	0.868582931
ZBTB14	wilcox_HL	25	3.65E-05	0.994620352	NA	0.994620352
PIEZO2	wilcox_HL	344	-2.36E-05	0.45032611	NA	0.868582931
CABLES1	wilcox_HL	179	-6.62E-05	0.819956153	NA	0.937092746
MFSD12	wilcox_HL	18	-6.89E-05	0.657214684	NA	0.868582931
CBLC	wilcox_HL	164	5.41E-05	0.010757348	NA	0.430293918
KCNC3	wilcox_HL	108	-3.01E-05	0.628095831	NA	0.868582931
KIF16B	wilcox_HL	265	1.11E-05	0.325571414	NA	0.868582931
NUP210L	wilcox_HL	33	4.68E-05	0.268003614	NA	0.536007229
CACNA1S	wilcox_HL	413	-1.18E-06	0.018198945	NA	0.2445191
GPR37L1	wilcox_HL	34	3.68E-05	0.010257838	NA	0.2445191
EXO1	wilcox_HL	395	-3.86E-05	0.472765789	NA	0.652090744
PDE11A	wilcox_HL	216	4.07E-05	0.038683783	NA	0.2445191
TMEM158	wilcox_HL	26	7.70E-06	0.846785983	NA	0.96271448
ATP13A5	wilcox_HL	240	3.43E-05	0.042790843	NA	0.2445191
TREM2	wilcox_HL	89	-6.34E-05	0.443013028	NA	0.644739799
ULBP2	wilcox_HL	90	-2.57E-06	0.240009889	NA	0.533272279
RASA4CP	wilcox_HL	41	-1.18E-05	0.241847542	NA	0.533272279
GPC2	wilcox_HL	44	8.71E-05	0.300156944	NA	0.571727512
PPP2R2D	wilcox_HL	54	2.39E-05	0.036647956	NA	0.2445191
DEAF1	wilcox_HL	184	1.83E-05	0.332767704	NA	0.584928382
CREB3L1	wilcox_HL	140	-2.02E-05	0.080222777	NA	0.280433158
ACADS	wilcox_HL	37	5.06E-05	0.223699248	NA	0.533272279
CCNA1	wilcox_HL	34	-3.97E-05	0.965216126	NA	0.965216126
ARGLU1	wilcox_HL	32	-4.49E-05	0.937394086	NA	0.96271448
TRAV1-1	wilcox_HL	13	-4.11E-05	0.855921165	NA	0.96271448

CVD_ART	3367	MYH6	wilcox_HL	537	9.36E-06	0.642559177	NA	0.803198972		
		PSEN1	wilcox_HL	57	-5.97E-06	0.511660987	NA	0.660207725		
		VASH1	wilcox_HL	18	2.45E-05	0.451317859	NA	0.644739799		
		SPTLC2	wilcox_HL	38	1.06E-06	0.059206597	NA	0.263140431		
		POLR2M	wilcox_HL	84	-1.44E-05	0.091670623	NA	0.282063457		
		AKAP13	wilcox_HL	422	4.08E-05	0.33633382	NA	0.584928382		
		METTL22	wilcox_HL	8	-0.9999746	0.080463831	NA	0.280433158		
		SBK1	wilcox_HL	29	-4.44E-05	0.395378792	NA	0.616532234		
		MMP15	wilcox_HL	151	2.46E-05	0.376805066	NA	0.616532234		
		ANKRD11	wilcox_HL	354	2.60E-05	0.15051583	NA	0.401375547		
		PRPSAP2	wilcox_HL	54	1.47E-05	0.018767423	NA	0.2445191		
		KRT23	wilcox_HL	54	4.77E-05	0.86662288	NA	0.96271448		
		SMURF2	wilcox_HL	61	1.55E-05	0.03008988	NA	0.2445191		
		NPTX1	wilcox_HL	43	1.36E-05	0.253304332	NA	0.533272279		
		METRNL	wilcox_HL	138	4.00E-05	0.938646618	NA	0.96271448		
		ZBTB14	wilcox_HL	23	5.63E-05	0.054690294	NA	0.263140431		
		PIEZO2	wilcox_HL	317	-3.95E-05	0.10408083	NA	0.297373801		
		CABLES1	wilcox_HL	170	-1.13E-06	0.681412051	NA	0.825954002		
		MFSD12	wilcox_HL	18	3.64E-05	0.936391287	NA	0.96271448		
		CBLC	wilcox_HL	142	2.19E-05	0.400745952	NA	0.616532234		
		KCNC3	wilcox_HL	103	-1.82E-05	0.489698195	NA	0.652930927		
		KIF16B	wilcox_HL	233	1.72E-05	0.084129947	NA	0.280433158		
		CVD_ATH	3647	NUP210L	wilcox_HL	32	1.98E-05	0.664537391	NA	0.901442132
				CACNA1S	wilcox_HL	448	-3.66E-05	0.600317636	NA	0.901442132
GPR37L1	wilcox_HL			35	-5.78E-06	0.832410932	NA	0.901442132		
EXO1	wilcox_HL			422	4.69E-05	0.79746045	NA	0.901442132		
PDE11A	wilcox_HL			236	1.66E-05	0.222318503	NA	0.754955176		
TMEM158	wilcox_HL			31	-9.01E-06	0.427400574	NA	0.899790682		
ATP13A5	wilcox_HL			258	6.49E-05	0.574563613	NA	0.901442132		
TREM2	wilcox_HL			95	-4.26E-05	0.01484527	NA	0.148452702		
ULBP2	wilcox_HL			92	-3.92E-05	0.2790584	NA	0.754955176		
RASA4CP	wilcox_HL			43	-8.03E-05	0.012534474	NA	0.148452702		
GPC2	wilcox_HL			55	2.47E-05	0.986797352	NA	0.986797352		
PPP2R2D	wilcox_HL			59	8.49E-05	0.32085595	NA	0.754955176		
DEAF1	wilcox_HL			208	-4.45E-05	0.305814526	NA	0.754955176		
CREB3L1	wilcox_HL			149	5.64E-05	0.77042557	NA	0.901442132		
ACADS	wilcox_HL			39	-3.98E-06	0.71014548	NA	0.901442132		
CCNA1	wilcox_HL			38	-4.52E-05	0.534929237	NA	0.901442132		
ARGLU1	wilcox_HL			36	-1.03E-05	0.789763038	NA	0.901442132		
TRAV1-1	wilcox_HL			14	1.79E-05	0.211350214	NA	0.754955176		
MYH6	wilcox_HL			574	4.28E-05	0.799461195	NA	0.901442132		
PSEN1	wilcox_HL			58	-4.36E-05	0.027486769	NA	0.219894151		
VASH1	wilcox_HL			18	-4.67E-05	0.758211523	NA	0.901442132		
SPTLC2	wilcox_HL			38	2.46E-05	0.682520306	NA	0.901442132		
POLR2M	wilcox_HL			93	-1.59E-05	0.856370026	NA	0.901442132		
AKAP13	wilcox_HL			455	-4.05E-05	0.56451636	NA	0.901442132		
METTL22	wilcox_HL			10	-1.96E-05	0.07116213	NA	0.406640742		
SBK1	wilcox_HL			34	1.17E-05	0.470072214	NA	0.901442132		
MMP15	wilcox_HL			164	-2.26E-05	0.174761245	NA	0.754955176		
ANKRD11	wilcox_HL			378	5.49E-05	0.63033778	NA	0.901442132		
PRPSAP2	wilcox_HL			57	1.67E-05	0.913663728	NA	0.937091003		
KRT23	wilcox_HL			57	-3.58E-05	0.851882492	NA	0.901442132		
SMURF2	wilcox_HL			67	1.37E-05	0.009565447	NA	0.148452702		
NPTX1	wilcox_HL			42	2.45E-05	0.232713965	NA	0.754955176		
METRNL	wilcox_HL	150	7.52E-05	0.059077865	NA	0.393852435				

		ZBTB14	wilcox_HL	25	1.46E-05	0.295505598	NA	0.754955176
		PIEZO2	wilcox_HL	342	-7.19E-05	0.000642488	NA	0.025699508
		CABLES1	wilcox_HL	176	8.03E-05	0.557313315	NA	0.901442132
		MFSD12	wilcox_HL	18	-1.01E-05	0.561886447	NA	0.901442132
		CBLC	wilcox_HL	158	7.85E-05	0.276869639	NA	0.754955176
		KCNC3	wilcox_HL	106	5.21E-05	0.301626761	NA	0.754955176
		KIF16B	wilcox_HL	258	3.15E-05	0.354508676	NA	0.787797059
Age	41977	NUP210L	wilcox_HL	1392	1.999947453	2.36E-12	NA	1.35E-11
		CACNA1S	wilcox_HL	6029	-0.999959246	2.62E-08	NA	1.05E-07
		GPR37L1	wilcox_HL	807	1.000043524	0.001204333	NA	0.002094493
		EXO1	wilcox_HL	5181	-4.44E-05	0.970875911	NA	0.983011099
		PDE11A	wilcox_HL	3285	8.18E-06	0.190858935	NA	0.231344164
		TMEM158	wilcox_HL	1051	2.000034325	3.10E-13	NA	2.48E-12
		ATP13A5	wilcox_HL	3839	-0.999949759	0.000338151	NA	0.000644097
		TREM2	wilcox_HL	1129	3.000031356	1.56E-25	NA	3.13E-24
		ULBP2	wilcox_HL	1910	-4.69E-05	0.400021189	NA	0.444467988
		RASA4CP	wilcox_HL	773	-1.000062083	3.35E-05	NA	7.88E-05
		GPC2	wilcox_HL	1229	1.000005821	1.19E-05	NA	3.17E-05
		PPP2R2D	wilcox_HL	1526	1.999996813	2.47E-10	NA	1.24E-09
		DEAF1	wilcox_HL	2922	8.26E-05	0.030975916	NA	0.044251309
		CREB3L1	wilcox_HL	2492	0.999978109	0.000130309	NA	0.000260618
		ACADS	wilcox_HL	950	1.999932047	7.03E-07	NA	2.01E-06
		CCNA1	wilcox_HL	500	-1.000022609	0.011914842	NA	0.018330527
		ARGLU1	wilcox_HL	1113	2.000027119	1.38E-13	NA	1.38E-12
		TRAV1-1	wilcox_HL	273	2.999943495	5.34E-08	NA	1.64E-07
		MYH6	wilcox_HL	8274	0.999952805	1.41E-05	NA	3.51E-05
		PSEN1	wilcox_HL	616	5.000021621	1.42E-28	NA	5.67E-27
		VASH1	wilcox_HL	313	2.000014847	8.62E-05	NA	0.000181533
		SPTLC2	wilcox_HL	724	2.36E-05	0.891500404	NA	0.938421478
		POLR2M	wilcox_HL	1567	-1.50E-05	0.145766945	NA	0.188086381
		AKAP13	wilcox_HL	7685	-5.00E-05	0.003311507	NA	0.005298411
		METTL22	wilcox_HL	225	-2.000072256	0.001418974	NA	0.002364957
		SBK1	wilcox_HL	216	-0.999932334	0.178164343	NA	0.222705429
		MMP15	wilcox_HL	3289	3.37E-05	0.318484732	NA	0.37468792
		ANKRD11	wilcox_HL	6415	-2.07E-05	0.000724065	NA	0.001316482
		PRPSAP2	wilcox_HL	1505	0.999968057	6.97E-05	NA	0.000154779
		KRT23	wilcox_HL	1707	1.49E-05	0.356294839	NA	0.407194102
		SMURF2	wilcox_HL	1387	2.000045714	4.52E-19	NA	6.02E-18
		NPTX1	wilcox_HL	1024	-2.53E-05	0.099245382	NA	0.132327176
		METRNL	wilcox_HL	2429	-5.62E-05	0.983011099	NA	0.983011099
		ZBTB14	wilcox_HL	968	1.999920594	1.47E-09	NA	6.54E-09
		PIEZO2	wilcox_HL	6047	8.08E-05	0.576338826	NA	0.623069001
		CABLES1	wilcox_HL	3034	1.000062991	3.96E-08	NA	1.44E-07
MFSD12	wilcox_HL	649	1.999946691	4.58E-08	NA	1.53E-07		
CBLC	wilcox_HL	1980	0.999984257	0.019496281	NA	0.028883379		
KCNC3	wilcox_HL	1960	2.26E-05	0.037058321	NA	0.051114925		
KIF16B	wilcox_HL	4557	1.000006081	1.08E-12	NA	7.22E-12		
NUP210L	wilcox_HL	271	-0.999974267	0.299859774	NA	0.444236703		
CACNA1S	wilcox_HL	1638	-0.999969313	0.028003595	NA	0.065890812		
GPR37L1	wilcox_HL	221	-1.52E-05	0.794560855	NA	0.858984708		
EXO1	wilcox_HL	1365	-4.16E-05	0.978977603	NA	0.978977603		
PDE11A	wilcox_HL	842	-5.70E-05	0.433812922	NA	0.57841723		
TMEM158	wilcox_HL	194	-5.21E-05	0.646801877	NA	0.739202146		
ATP13A5	wilcox_HL	1107	-1.999919761	4.14E-07	NA	4.14E-06		
TREM2	wilcox_HL	373	1.999965411	0.005528251	NA	0.017010002		

Age_AmongCase	11804	ULBP2	wilcox_HL	486	-0.999961211	0.234701235	NA	0.375521977
		RASA4CP	wilcox_HL	191	-1.99997938	0.013743419	NA	0.036649118
		GPC2	wilcox_HL	244	-4.20E-05	0.610205019	NA	0.738345795
		PPP2R2D	wilcox_HL	298	2.999959867	8.19E-05	NA	0.000468089
		DEAF1	wilcox_HL	682	2.81E-05	0.923789125	NA	0.947476025
		CREB3L1	wilcox_HL	582	-1.000038839	0.013331321	NA	0.036649118
		ACADS	wilcox_HL	327	4.999984518	1.24E-10	NA	2.48E-09
		CCNA1	wilcox_HL	107	1.000049502	0.312486447	NA	0.44640921
		ARGLU1	wilcox_HL	165	7.68E-05	0.906983543	NA	0.947476025
		TRAV1-1	wilcox_HL	29	2.000010461	0.288777627	NA	0.444236703
		MYH6	wilcox_HL	2401	1.71E-05	0.347169145	NA	0.478853993
		PSEN1	wilcox_HL	249	11.00001695	9.82E-35	NA	3.93E-33
		VASH1	wilcox_HL	85	4.000046559	0.001481095	NA	0.005924379
		SPTLC2	wilcox_HL	208	6.82E-05	0.627593926	NA	0.738345795
		POLR2M	wilcox_HL	433	-0.999969742	0.107008463	NA	0.194560843
		AKAP13	wilcox_HL	2061	-1.000074449	4.40E-06	NA	3.52E-05
		METTL22	wilcox_HL	46	-3.999970138	0.032815035	NA	0.0729223
		SBK1	wilcox_HL	105	-3.34E-05	0.783706035	NA	0.858984708
		MMP15	wilcox_HL	839	-1.000023089	0.000123855	NA	0.000619277
		ANKRD11	wilcox_HL	1781	-1.000015537	1.29E-07	NA	1.72E-06
		PRPSAP2	wilcox_HL	306	-1.000049312	0.035985129	NA	0.075758166
		KRT23	wilcox_HL	389	-1.999981446	0.001692017	NA	0.006152788
		SMURF2	wilcox_HL	310	1.00003021	0.051088052	NA	0.102176104
		NPTX1	wilcox_HL	286	-1.999935642	0.003316817	NA	0.011056057
		METRNL	wilcox_HL	614	-1.000020531	0.021626678	NA	0.054066694
		ZBTB14	wilcox_HL	181	1.000043368	0.09752022	NA	0.185752801
		PIEZO2	wilcox_HL	1532	-1.000025948	7.41E-06	NA	4.94E-05
		CABLES1	wilcox_HL	712	-0.999970215	0.185053124	NA	0.308421874
		MFSD12	wilcox_HL	83	-0.999939747	0.595945758	NA	0.738345795
		CBLC	wilcox_HL	705	1.999944352	0.0005129	NA	0.002279557
		KCNC3	wilcox_HL	453	-0.99998059	0.153397441	NA	0.266778158
		KIF16B	wilcox_HL	1109	-5.04E-05	0.454773241	NA	0.586804183
		MEM	21403	NUP210L	wilcox_HL	901	-0.246969289	1.59E-15
CACNA1S	wilcox_HL			3145	-0.003079047	0.812005614	NA	0.890499637
GPR37L1	wilcox_HL			410	0.006076194	0.881166143	NA	0.890499637
EXO1	wilcox_HL			2592	-0.019017099	0.349823965	NA	0.488545473
PDE11A	wilcox_HL			1661	-0.128001962	4.58E-07	NA	1.08E-06
TMEM158	wilcox_HL			703	-0.267034893	5.61E-14	NA	3.74E-13
ATP13A5	wilcox_HL			1886	0.02700411	0.238209297	NA	0.352902662
TREM2	wilcox_HL			514	0.264036227	2.65E-08	NA	8.16E-08
ULBP2	wilcox_HL			871	0.019951293	0.540544393	NA	0.675680492
RASA4CP	wilcox_HL			398	0.046983614	0.354195468	NA	0.488545473
GPC2	wilcox_HL			824	-0.183058077	2.27E-08	NA	7.57E-08
PPP2R2D	wilcox_HL			997	-0.198044096	8.94E-11	NA	3.97E-10
DEAF1	wilcox_HL			1711	-0.186991329	8.34E-15	NA	1.11E-13
CREB3L1	wilcox_HL			1424	-0.114007415	1.42E-05	NA	2.98E-05
ACADS	wilcox_HL			350	-0.070972101	0.183251707	NA	0.29320273
CCNA1	wilcox_HL			220	-0.051906749	0.457459075	NA	0.590269775
ARGLU1	wilcox_HL			878	-0.30904264	1.64E-23	NA	6.56E-22
TRAV1-1	wilcox_HL			236	-0.343003929	5.87E-09	NA	2.35E-08
MYH6	wilcox_HL			3990	0.044955153	0.009999998	NA	0.016666663
PSEN1	wilcox_HL			308	0.447916552	7.74E-11	NA	3.87E-10
VASH1	wilcox_HL			150	0.012984098	0.857889058	NA	0.890499637
SPTLC2	wilcox_HL			365	-0.005959202	0.890499637	NA	0.890499637
POLR2M	wilcox_HL			704	0.01905459	0.594805436	NA	0.720976286

		AKAP13	wilcox_HL	3654	-0.001936511	0.845849892	NA	0.890499637
		METTL22	wilcox_HL	103	-0.126031318	0.220302144	NA	0.338926375
		SBK1	wilcox_HL	255	0.052975803	0.445463347	NA	0.590269775
		MMP15	wilcox_HL	1790	-0.065035515	0.006679485	NA	0.011616495
		ANKRD11	wilcox_HL	3327	-0.004959285	0.759575437	NA	0.868086213
		PRPSAP2	wilcox_HL	996	-0.228949088	2.70E-14	NA	2.16E-13
		KRT23	wilcox_HL	910	-0.100980789	0.001416923	NA	0.002576224
		SMURF2	wilcox_HL	877	-0.185978847	9.65E-09	NA	3.51E-08
		NPTX1	wilcox_HL	460	-0.017956171	0.674291873	NA	0.793284556
		METRNL	wilcox_HL	1395	-0.091017223	0.000713154	NA	0.001358388
		ZBTB14	wilcox_HL	592	-0.27503241	1.86E-12	NA	1.06E-11
		PIEZO2	wilcox_HL	3073	-0.104016133	5.58E-08	NA	1.59E-07
		CABLES1	wilcox_HL	1621	-0.132025191	2.00E-07	NA	5.00E-07
		MFSD12	wilcox_HL	535	-0.301981485	1.39E-14	NA	1.39E-13
		CBLC	wilcox_HL	986	0.12903387	0.000201342	NA	0.000402684
		KCNC3	wilcox_HL	1091	-0.138024099	4.29E-06	NA	9.54E-06
		KIF16B	wilcox_HL	2518	-0.109991437	9.47E-08	NA	2.53E-07
		NUP210L	wilcox_HL	586	0.009928835	0.821327672	NA	0.821327672
		CACNA1S	wilcox_HL	2680	0.047997154	0.031351496	NA	0.06966999
		GPR37L1	wilcox_HL	351	-0.03294457	0.573728732	NA	0.724886852
		EXO1	wilcox_HL	2166	-0.005077529	0.819166755	NA	0.821327672
		PDE11A	wilcox_HL	1231	-0.132950914	2.71E-05	NA	0.000360714
		TMEM158	wilcox_HL	474	-0.162023388	0.0009458	NA	0.004203554
		ATP13A5	wilcox_HL	1665	0.120014649	7.15E-06	NA	0.000142919
		TREM2	wilcox_HL	435	0.329975772	4.21E-10	NA	1.69E-08
		ULBP2	wilcox_HL	782	0.133954903	0.000340996	NA	0.001801172
		RASA4CP	wilcox_HL	364	0.048001395	0.380556262	NA	0.585471172
		GPC2	wilcox_HL	559	0.105993538	0.0195467	NA	0.048415252
		PPP2R2D	wilcox_HL	667	0.071969698	0.086555709	NA	0.182222546
		DEAF1	wilcox_HL	1172	-0.081018297	0.01114015	NA	0.031829
		CREB3L1	wilcox_HL	1089	0.025950431	0.434661206	NA	0.643942528
		ACADS	wilcox_HL	302	-0.041020448	0.50097954	NA	0.691006262
		CCNA1	wilcox_HL	191	0.018047205	0.808589383	NA	0.821327672
		ARGLU1	wilcox_HL	509	-0.169054155	0.000310692	NA	0.001801172
		TRAV1-1	wilcox_HL	99	-0.039958848	0.707408467	NA	0.821327672
		MYH6	wilcox_HL	3434	0.078046832	9.53E-05	NA	0.000762514
		PSEN1	wilcox_HL	239	0.26299468	0.000360234	NA	0.001801172
		VASH1	wilcox_HL	130	0.027038615	0.780887191	NA	0.821327672
		SPTLC2	wilcox_HL	318	0.070035865	0.240694967	NA	0.434553695
		POLR2M	wilcox_HL	626	0.070027352	0.095249112	NA	0.190498225
		AKAP13	wilcox_HL	3172	0.084022788	4.08E-05	NA	0.000407743
		METTL22	wilcox_HL	92	-0.040988038	0.704735476	NA	0.821327672
		SBK1	wilcox_HL	251	-0.07601991	0.250156087	NA	0.434553695
		MMP15	wilcox_HL	1350	0.08503076	0.004484442	NA	0.01494814
		ANKRD11	wilcox_HL	2927	0.005979798	0.783458641	NA	0.821327672
		PRPSAP2	wilcox_HL	610	0.048951203	0.260732217	NA	0.434553695
		KRT23	wilcox_HL	729	0.108979631	0.005166241	NA	0.015896125
		SMURF2	wilcox_HL	576	0.024952817	0.579909482	NA	0.724886852
		NPTX1	wilcox_HL	413	0.125972867	0.014723388	NA	0.039262368
		METRNL	wilcox_HL	1122	0.103036337	0.001288011	NA	0.005152045
		ZBTB14	wilcox_HL	361	-0.129940626	0.020576482	NA	0.048415252
		PIEZO2	wilcox_HL	2461	0.016983125	0.454227851	NA	0.64889693
		CABLES1	wilcox_HL	1276	0.010943748	0.719475025	NA	0.821327672
		MFSD12	wilcox_HL	299	-0.063003567	0.300313998	NA	0.480502397
		CBLC	wilcox_HL	825	0.023955312	0.529536327	NA	0.706048436

EXF

17558

		KCNC3	wilcox_HL	825	0.053956668	0.15846995	NA	0.301847525
		KIF16B	wilcox_HL	1924	0.077048393	0.002462271	NA	0.008953712
LAN	17485	NUP210L	wilcox_HL	584	0.0200197	0.60464492	NA	0.691022766
		CACNA1S	wilcox_HL	2660	0.031045947	0.117179487	NA	0.234358973
		GPR37L1	wilcox_HL	351	-0.077992633	0.131679048	NA	0.246660217
		EXO1	wilcox_HL	2168	0.026960665	0.208441077	NA	0.347401794
		PDE11A	wilcox_HL	1231	-0.047957075	0.095622864	NA	0.201311293
		TMEM158	wilcox_HL	475	-0.101020664	0.021834786	NA	0.07278262
		ATP13A5	wilcox_HL	1650	0.055987196	0.021460831	NA	0.07278262
		TREM2	wilcox_HL	434	0.254982348	9.85E-08	NA	3.94E-06
		ULBP2	wilcox_HL	779	0.094028232	0.006243516	NA	0.031217578
		RASA4CP	wilcox_HL	363	0.086953717	0.076189941	NA	0.17927045
		GPC2	wilcox_HL	556	0.10398867	0.012232319	NA	0.048929277
		PPP2R2D	wilcox_HL	666	0.048983135	0.196247016	NA	0.341299158
		DEAF1	wilcox_HL	1172	-0.052938626	0.070627626	NA	0.178731773
		CREB3L1	wilcox_HL	1086	-6.57E-05	0.997290748	NA	0.998913597
		ACADS	wilcox_HL	300	0.036025307	0.510219495	NA	0.618447873
		CCNA1	wilcox_HL	190	-0.021982571	0.757173584	NA	0.818566037
		ARGLU1	wilcox_HL	509	-0.117057561	0.005473272	NA	0.031217578
		TRAV1-1	wilcox_HL	99	-0.09703036	0.322129884	NA	0.460185549
		MYH6	wilcox_HL	3415	0.051044805	0.004628101	NA	0.031217578
		PSEN1	wilcox_HL	240	0.22697216	0.000947647	NA	0.018952931
		VASH1	wilcox_HL	132	0.004019417	0.945180635	NA	0.994926985
		SPTLC2	wilcox_HL	313	5.61E-05	0.998913597	NA	0.998913597
		POLR2M	wilcox_HL	628	0.087953454	0.028412452	NA	0.087422929
		AKAP13	wilcox_HL	3161	0.047013087	0.011083668	NA	0.048929277
		METTL22	wilcox_HL	91	-0.149066406	0.135663119	NA	0.246660217
		SBK1	wilcox_HL	252	-0.119995605	0.054727726	NA	0.156364931
		MMP15	wilcox_HL	1345	0.083939706	0.002075697	NA	0.02767596
		ANKRD11	wilcox_HL	2912	-0.011945794	0.52828879	NA	0.621516224
		PRPSAP2	wilcox_HL	608	0.032950751	0.401849635	NA	0.535799514
		KRT23	wilcox_HL	728	0.041048345	0.238866768	NA	0.353876694
		SMURF2	wilcox_HL	574	0.030010988	0.461060845	NA	0.576326056
		NPTX1	wilcox_HL	412	0.084027769	0.071492709	NA	0.178731773
		METRNL	wilcox_HL	1114	0.049015485	0.087088103	NA	0.193529117
		ZBTB14	wilcox_HL	361	-0.141038269	0.005047921	NA	0.031217578
		PIEZO2	wilcox_HL	2458	0.014949219	0.454665802	NA	0.576326056
		CABLES1	wilcox_HL	1275	0.012972657	0.623417321	NA	0.692685912
		MFSD12	wilcox_HL	298	-0.066011149	0.220644299	NA	0.353030878
		CBLC	wilcox_HL	825	0.041987774	0.237924906	NA	0.353876694
		KCNC3	wilcox_HL	821	0.029047463	0.396519303	NA	0.535799514
		KIF16B	wilcox_HL	1923	0.064001178	0.006006822	NA	0.031217578
		NUP210L	wilcox_HL	74	-0.263007925	0.002977495	NA	0.017014256
		CACNA1S	wilcox_HL	476	5.63E-05	0.650328557	NA	0.860903425
		GPR37L1	wilcox_HL	48	4.89E-05	0.891855522	NA	0.906831481
		EXO1	wilcox_HL	369	-1.74E-05	0.667511057	NA	0.860903425
		PDE11A	wilcox_HL	341	-0.068047852	0.01486774	NA	0.05155307
		TMEM158	wilcox_HL	117	-0.142052436	0.015465921	NA	0.05155307
		ATP13A5	wilcox_HL	240	3.33E-05	0.496892767	NA	0.764450411
		TREM2	wilcox_HL	62	0.325982594	0.002362167	NA	0.015747781
		ULBP2	wilcox_HL	98	4.57E-05	0.394043288	NA	0.656738814
		RASA4CP	wilcox_HL	126	-3.17E-05	0.227569198	NA	0.433465138
		GPC2	wilcox_HL	122	-0.060948908	0.055161326	NA	0.147096868
		PPP2R2D	wilcox_HL	120	-0.27001046	0.000287621	NA	0.003834946
		DEAF1	wilcox_HL	282	-0.113996058	0.002254142	NA	0.015747781

VSP	3613	CREB3L1	wilcox_HL	199	-0.028000976	0.026287674	NA	0.080885151		
		ACADS	wilcox_HL	40	2.14E-05	0.838317266	NA	0.906831481		
		CCNA1	wilcox_HL	36	4.71E-05	0.847193274	NA	0.906831481		
		ARGLU1	wilcox_HL	122	-0.230036116	7.71E-05	NA	0.001542064		
		TRAV1-1	wilcox_HL	17	-4.73E-05	0.601579766	NA	0.859399666		
		MYH6	wilcox_HL	475	4.79E-05	0.350366033	NA	0.609332231		
		PSEN1	wilcox_HL	49	-3.95E-05	0.864975087	NA	0.906831481		
		VASH1	wilcox_HL	16	-1.98E-05	0.906831481	NA	0.906831481		
		SPTLC2	wilcox_HL	32	-5.92E-05	0.456724161	NA	0.730758658		
		POLR2M	wilcox_HL	132	-0.01201884	0.204185261	NA	0.429040228		
		AKAP13	wilcox_HL	452	2.87E-05	0.597399389	NA	0.859399666		
		METTL22	wilcox_HL	32	-3.83E-05	0.774927929	NA	0.885631918		
		SBK1	wilcox_HL	52	-0.140056863	0.05053592	NA	0.144388343		
		MMP15	wilcox_HL	237	-5.84E-05	0.065007361	NA	0.162518403		
		ANKRD11	wilcox_HL	801	-0.053951818	5.92E-05	NA	0.001542064		
		PRPSAP2	wilcox_HL	70	-0.208042153	0.008773937	NA	0.038995276		
		KRT23	wilcox_HL	70	0.012012478	0.285206396	NA	0.518557084		
		SMURF2	wilcox_HL	64	2.56E-05	0.671973792	NA	0.860903425		
		NPTX1	wilcox_HL	59	-4.98E-05	0.772580452	NA	0.885631918		
		METRNL	wilcox_HL	142	6.27E-06	0.767461468	NA	0.885631918		
		ZBTB14	wilcox_HL	79	-0.012017842	0.214520114	NA	0.429040228		
		PIEZO2	wilcox_HL	428	-0.022928957	0.01413727	NA	0.05155307		
		CABLES1	wilcox_HL	197	-7.23E-05	0.148672321	NA	0.330382936		
		MFSD12	wilcox_HL	88	-0.251035697	0.000796009	NA	0.007960089		
		CBLC	wilcox_HL	192	0.169032571	0.00365176	NA	0.018258802		
		KCNC3	wilcox_HL	150	-0.036933043	0.08433183	NA	0.198427836		
		KIF16B	wilcox_HL	272	-8.92E-06	0.68872274	NA	0.860903425		
		AB42	2235	NUP210L	wilcox_HL	35	-0.17113301	0.322488978	NA	0.725284641
				CACNA1S	wilcox_HL	325	-0.027907602	0.655572896	NA	0.866605958
				GPR37L1	wilcox_HL	35	0.135443511	0.454346692	NA	0.78949196
				EXO1	wilcox_HL	267	0.025986676	0.70413791	NA	0.866605958
				PDE11A	wilcox_HL	149	0.128009212	0.160266769	NA	0.58278825
				TMEM158	wilcox_HL	45	0.407023717	0.010290276	NA	0.137203681
ATP13A5	wilcox_HL			156	-0.111961037	0.221760187	NA	0.684033762		
TREM2	wilcox_HL			47	0.271501873	0.071656007	NA	0.434826153		
ULBP2	wilcox_HL			67	-0.027465464	0.823558518	NA	0.909364424		
RASA4CP	wilcox_HL			91	-0.177175074	0.117371849	NA	0.480458184		
GPC2	wilcox_HL			38	-0.180176576	0.314145886	NA	0.725284641		
PPP2R2D	wilcox_HL			61	0.248939391	0.076094577	NA	0.434826153		
DEAF1	wilcox_HL			102	0.06071105	0.574254038	NA	0.820362911		
CREB3L1	wilcox_HL			105	-0.025335275	0.802152336	NA	0.909364424		
ACADS	wilcox_HL			25	0.361429271	0.113147975	NA	0.480458184		
CCNA1	wilcox_HL			30	0.122670079	0.527356802	NA	0.820362911		
ARGLU1	wilcox_HL			37	-0.27588515	0.120114546	NA	0.480458184		
TRAV1-1	wilcox_HL			11	0.290218804	0.375655764	NA	0.725284641		
MYH6	wilcox_HL			336	0.077618934	0.222310973	NA	0.684033762		
PSEN1	wilcox_HL			25	0.036093567	0.863896203	NA	0.909364424		
VASH1	wilcox_HL			13	-0.299871892	0.281217785	NA	0.725284641		
SPTLC2	wilcox_HL			24	-0.118661934	0.566271284	NA	0.820362911		
POLR2M	wilcox_HL			66	-0.010741884	0.936957406	NA	0.960981955		
AKAP13	wilcox_HL			294	-0.02468347	0.714949915	NA	0.866605958		
METTL22	wilcox_HL			24	-0.431599859	0.05738893	NA	0.434826153		
SBK1	wilcox_HL			36	-0.141789936	0.4476302	NA	0.78949196		
MMP15	wilcox_HL			110	0.072933034	0.473695176	NA	0.78949196		
ANKRD11	wilcox_HL			553	-0.154534003	0.003051643	NA	0.061032864		

		PRPSAP2	wilcox_HL	43	-0.172837238	0.304472589	NA	0.725284641
		KRT23	wilcox_HL	50	-0.136448448	0.380774437	NA	0.725284641
		SMURF2	wilcox_HL	44	0.036065212	0.833951641	NA	0.909364424
		NPTX1	wilcox_HL	29	-0.170230282	0.379374504	NA	0.725284641
		METRNL	wilcox_HL	89	0.047441751	0.679273748	NA	0.866605958
		ZBTB14	wilcox_HL	40	0.328839684	0.052992652	NA	0.434826153
		PIEZO2	wilcox_HL	207	-4.42E-05	0.978937318	NA	0.978937318
		CABLES1	wilcox_HL	108	-0.054541994	0.596322794	NA	0.822514198
		MFSD12	wilcox_HL	23	0.129277012	0.550533973	NA	0.820362911
		CBLC	wilcox_HL	110	0.400161645	0.000153296	NA	0.006131857
		KCNC3	wilcox_HL	61	0.026095573	0.854826696	NA	0.909364424
		KIF16B	wilcox_HL	161	0.081971448	0.329698328	NA	0.725284641
		NUP210L	fisher	1250	-0.487596171	2.23E-13	0.614100815	1.49E-12
		CACNA1S	fisher	5461	-0.045104657	0.156811567	0.955897435	0.190074627
		GPR37L1	fisher	700	0.045170875	0.593396478	1.046206615	0.641509706
		EXO1	fisher	4752	-0.107703262	0.001436617	0.897893996	0.002128322
		PDE11A	fisher	3029	-0.146541427	0.000420162	0.863689951	0.000730716
		TMEM158	fisher	954	-0.554517925	4.70E-13	0.574349074	2.12E-12
		ATP13A5	fisher	3488	0.047213626	0.213974436	1.04834594	0.25173463
		TREM2	fisher	1040	0.228667412	0.000549232	1.256923932	0.000915387
		ULBP2	fisher	1701	-0.126029678	0.021612391	0.881588682	0.028816522
		RASA4CP	fisher	689	-0.153714409	0.075026253	0.857516885	0.093782817
		GPC2	fisher	1106	-0.422595215	1.65E-09	0.655343852	5.06E-09
		PPP2R2D	fisher	1386	-0.490271301	9.40E-15	0.61246021	7.52E-14
		DEAF1	fisher	2634	-0.260677307	7.10E-09	0.770529524	1.78E-08
		CREB3L1	fisher	2219	-0.248540108	3.56E-07	0.779938578	7.49E-07
		ACADS	fisher	874	0.285462512	6.76E-05	1.330377202	0.000128777
		CCNA1	fisher	457	-0.36242895	0.000806157	0.695983762	0.001289852
		ARGLU1	fisher	991	-0.828261889	8.76E-26	0.436807848	3.50E-24
		TRAV1-1	fisher	243	-1.225876029	1.61E-12	0.293500473	5.84E-12
		MYH6	fisher	7523	0.060102568	0.029732844	1.061945463	0.038364959
		PSEN1	fisher	549	0.63885101	3.29E-13	1.894303094	1.88E-12
		VASH1	fisher	284	-0.055839165	0.70065382	0.945691224	0.737530336
		SPTLC2	fisher	669	0.003538033	0.966515593	1.003544299	0.966515593
		POLR2M	fisher	1441	-0.048572202	0.418239825	0.952588558	0.477988371
		AKAP13	fisher	7027	-0.093993492	0.001080062	0.910288687	0.001661633
		METTL22	fisher	202	-0.416790224	0.012012397	0.659159181	0.016568824
		SBK1	fisher	187	1.075111895	5.30E-13	2.930320772	2.12E-12
		MMP15	fisher	2995	-0.150410708	0.000334585	0.860354549	0.000608337
		ANKRD11	fisher	5728	0.00637898	0.841085098	1.006399369	0.862651383
		PRPSAP2	fisher	1387	-0.495541019	4.75E-15	0.609241207	4.75E-14
		KRT23	fisher	1544	-0.311293766	1.03E-07	0.732498661	2.41E-07
		SMURF2	fisher	1247	-0.315923479	1.10E-06	0.729115241	2.20E-06
		NPTX1	fisher	948	-0.04185475	0.57114742	0.959009066	0.634608245
		METRNL	fisher	2215	-0.147997781	0.002178675	0.862433029	0.003112393
		ZBTB14	fisher	892	-0.573979857	5.19E-13	0.563279201	2.12E-12
		PIEZO2	fisher	5526	-0.185859422	5.69E-09	0.830390322	1.52E-08
		CABLES1	fisher	2742	-0.262584338	2.88E-09	0.769061501	8.23E-09
		MFSD12	fisher	584	-0.962450912	6.21E-20	0.381955598	1.24E-18
		CBLC	fisher	1784	0.400752515	1.72E-15	1.492947741	2.30E-14
		KCNC3	fisher	1796	-0.282807651	1.88E-07	0.75366474	4.17E-07
		KIF16B	fisher	4173	-0.231408836	1.79E-10	0.793415023	5.97E-10
		NUP210L	fisher	34	-0.178602297	0.685608092	0.836438487	0.931271893
		CACNA1S	fisher	462	-0.410693762	0.051061236	0.663189994	0.393176563
		GPR37L1	fisher	37	0.638690635	1	1.893999318	1

AD

38386

CVD_S

3758

EXO1	fisher	433	-0.406743088	0.058976484	0.665815224	0.393176563
PDE11A	fisher	245	0.336066637	0.445567356	1.399432276	0.810122465
TMEM158	fisher	32	-1.281996837	0.019470138	0.277482659	0.332795608
ATP13A5	fisher	269	0.219850429	0.56251219	1.245890368	0.896034171
TREM2	fisher	99	-0.535801401	0.155277659	0.585200122	0.621110636
ULBP2	fisher	97	-0.408077891	0.336369675	0.664927085	0.810122465
RASA4CP	fisher	46	-1.073254922	0.024959671	0.341893867	0.332795608
GPC2	fisher	55	-0.411054871	0.351077795	0.662950554	0.810122465
PPP2R2D	fisher	61	1.156244146	0.369044458	3.177974823	0.810122465
DEAF1	fisher	213	0.064682543	1	1.066820301	1
CREB3L1	fisher	154	-0.404162448	0.187960981	0.667535673	0.683494476
ACADS	fisher	39	Inf	0.261694557	Inf	0.810122465
CCNA1	fisher	38	-0.821179295	0.117842905	0.439912562	0.556663844
ARGLU1	fisher	37	-1.110803606	0.034531136	0.329294232	0.345311365
TRAV1-1	fisher	14	Inf	1	Inf	1
MYH6	fisher	596	-0.055665039	0.758472104	0.945855907	0.931271893
PSEN1	fisher	60	0.423350696	0.768299312	1.52706974	0.931271893
VASH1	fisher	19	-0.059440495	1	0.942291603	1
SPTLC2	fisher	40	0.719573788	0.720839973	2.053557773	0.931271893
POLR2M	fisher	98	-0.396745156	0.339097988	0.672505388	0.810122465
AKAP13	fisher	469	-0.033734614	0.909509692	0.966828054	1
METTL22	fisher	11	-0.649253928	0.430058428	0.522435406	0.810122465
SBK1	fisher	35	Inf	0.417728388	Inf	0.810122465
MMP15	fisher	170	-0.293467813	0.363642384	0.745673223	0.810122465
ANKRD11	fisher	392	0.030816701	1	1.031296451	1
PRPSAP2	fisher	57	-0.06006645	0.760591579	0.941701956	0.931271893
KRT23	fisher	58	-0.353067283	0.533070256	0.702529923	0.888450426
SMURF2	fisher	69	-0.408922002	0.392041616	0.66436605	0.810122465
NPTX1	fisher	44	-0.33904236	0.480389095	0.712452269	0.835459295
METRNL	fisher	154	-0.504147978	0.125249365	0.604019994	0.556663844
ZBTB14	fisher	25	Inf	0.633626856	Inf	0.931271893
PIEZO2	fisher	354	-0.692046046	0.001786263	0.500550871	0.071450502
CABLES1	fisher	182	0.447029057	0.380649684	1.563659734	0.810122465
MFSD12	fisher	19	Inf	1	Inf	1
CBLC	fisher	167	0.353632504	0.582422211	1.42423169	0.896034171
KCNC3	fisher	110	0.336107565	0.658591794	1.399489553	0.931271893
KIF16B	fisher	265	0.694254693	0.077494154	2.002216251	0.442823736
NUP210L	fisher	32	0.387214422	0.396611788	1.472872274	1
CACNA1S	fisher	433	-0.1527169	0.416440062	0.858372693	1
GPR37L1	fisher	36	0.465719605	0.285707602	1.593160223	0.952358674
EXO1	fisher	409	0.212678934	0.182424441	1.236987433	0.952358674
PDE11A	fisher	234	-0.01038459	1	0.989669144	1
TMEM158	fisher	28	-0.050912891	1	0.950361452	1
ATP13A5	fisher	254	-0.155511502	0.5362029	0.855977231	1
TREM2	fisher	97	-0.495178983	0.253435973	0.609461814	0.952358674
ULBP2	fisher	87	0.140438791	0.607622781	1.150778639	1
RASA4CP	fisher	42	-0.499944175	0.620113223	0.60656452	1
GPC2	fisher	53	0.011511957	1	1.011578474	1
PPP2R2D	fisher	61	0.027120967	0.839623564	1.027492088	1
DEAF1	fisher	209	-0.514837095	0.055191035	0.597597938	0.952358674
CREB3L1	fisher	147	-0.109329787	0.790005321	0.896434736	1
ACADS	fisher	37	-0.040889633	1	0.959935069	1
CCNA1	fisher	38	0.184711311	0.608749609	1.202871134	1
ARGLU1	fisher	33	0.350543441	0.40941759	1.419838938	1
TRAV1-1	fisher	13	0.36639223	0.649719895	1.442520931	1

HS_S	3578	MYH6	fisher	555	-0.025916552	0.94163814	0.9744164	1
		PSEN1	fisher	58	-0.295324537	0.67605697	0.744289998	1
		VASH1	fisher	18	#NAME?	0.251417675	0	0.952358674
		SPTLC2	fisher	37	-0.361178851	0.792763637	0.696854354	1
		POLR2M	fisher	92	0.447411052	0.129664889	1.564257159	0.952358674
		AKAP13	fisher	450	0.183399657	0.23065253	1.201294417	0.952358674
		METTL22	fisher	9	0.819429951	0.2671438	2.26920591	0.952358674
		SBK1	fisher	35	-0.29993142	0.79161522	0.740869028	1
		MMP15	fisher	158	0.019316298	0.89758023	1.019504065	1
		ANKRD11	fisher	373	-0.1848522	0.340885496	0.83122713	1
		PRPSAP2	fisher	56	0.554151757	0.130597284	1.740464022	0.952358674
		KRT23	fisher	52	0.212258888	0.5131383	1.23646795	1
		SMURF2	fisher	67	0.452149472	0.171021146	1.571686854	0.952358674
		NPTX1	fisher	41	0.096742149	0.802557663	1.101576295	1
		METRNL	fisher	143	-0.077241009	0.892563614	0.925666733	1
		ZBTB14	fisher	25	-0.374790588	1	0.687433221	1
		PIEZO2	fisher	332	-0.22241118	0.274293798	0.800586111	0.952358674
		CABLES1	fisher	174	0.088250545	0.711364766	1.092261748	1
		MFSD12	fisher	18	-0.766191859	0.712382142	0.464779649	1
		CBLC	fisher	157	0.477395921	0.037519508	1.611871491	0.952358674
KCNC3	fisher	106	0.105266577	0.753768513	1.11100674	1		
KIF16B	fisher	255	0.09941532	0.606670073	1.10E+00	1		
TDP43	1799	NUP210L	fisher	15	0.33188753	0.597370509	1.39E+00	0.91168127
		CACNA1S	fisher	196	-0.041677853	0.816016693	0.959178728	0.967265616
		GPR37L1	fisher	18	-1.15548038	0.085407552	0.314906226	0.689140937
		EXO1	fisher	197	-0.00255196	1	0.997451293	1
		PDE11A	fisher	123	-0.131282666	0.565048105	0.876969849	0.91168127
		TMEM158	fisher	11	-1.846950959	0.059499495	0.157717321	0.689140937
		ATP13A5	fisher	123	0.26930778	0.151627266	1.309057981	0.689140937
		TREM2	fisher	35	-0.06452876	1	0.937509151	1
		ULBP2	fisher	29	-0.030163102	1	0.970287264	1
		RASA4CP	fisher	12	-0.231722497	0.775877153	0.793166199	0.967265616
		GPC2	fisher	25	-0.487739794	0.307751928	0.614012622	0.815469625
		PPP2R2D	fisher	36	-0.647225635	0.118580225	0.523496133	0.689140937
		DEAF1	fisher	92	-0.382288851	0.100461683	0.682297942	0.689140937
		CREB3L1	fisher	72	0.011245448	1	1.011308915	1
		ACADS	fisher	17	0.34816629	0.465729912	1.416467774	0.846781659
		CCNA1	fisher	9	0.689138915	0.319903225	1.991999513	0.815469625
		ARGLU1	fisher	16	-0.328292519	0.615384857	0.72015233	0.91168127
		TRAV1-1	fisher	4	0.46354969	0.642648412	1.589706948	0.91806916
		MYH6	fisher	264	-0.094165831	0.538107891	0.910131822	0.91168127
		PSEN1	fisher	22	-0.768908292	0.184749984	0.463518819	0.738999934
		VASH1	fisher	8	0.977549114	0.27357306	2.65793396	0.815469625
		SPTLC2	fisher	22	0.653068528	0.12900735	1.921427748	0.689140937
		POLR2M	fisher	33	-0.376486587	0.370417608	0.686268323	0.815469625
		AKAP13	fisher	184	0.099106098	0.576030938	1.104183445	0.91168127
		METTL22	fisher	1	Inf	0.386325737	Inf	0.815469625
		SBK1	fisher	14	-0.841776389	0.271270435	0.430944318	0.815469625
		MMP15	fisher	79	0.190907555	0.410735534	1.210347556	0.815469625
		ANKRD11	fisher	174	0.074065692	0.682285406	1.076877546	0.941083318
		PRPSAP2	fisher	23	-0.167803559	0.830630003	0.845519913	0.967265616
		KRT23	fisher	19	-0.076987434	1	0.925901488	1
		SMURF2	fisher	24	-0.429689328	0.40290655	0.650711221	0.815469625
		NPTX1	fisher	12	-0.231722497	0.775877153	0.793166199	0.967265616
METRNL	fisher	72	0.071732265	0.805296905	1.07436766	0.967265616		

ZBTB14	fisher	12	-1.152346143	0.144346132	0.315894765	0.689140937
PIEZO2	fisher	167	-0.155939647	0.404153056	0.855610828	0.815469625
CABLES1	fisher	78	-0.362960179	0.155056711	0.695614133	0.689140937
MFSD12	fisher	10	-0.927457737	0.333263779	0.395558046	0.815469625
CBLC	fisher	62	0.210549158	0.428121553	1.23435573	0.815469625
KCNC3	fisher	53	0.672301151	0.021055225	1.958739493	0.689140937
KIF16B	fisher	120	-0.051433315	0.846357414	0.94986699	0.967265616

Table S5 Replications in UKB and ADGC

Gene	ADSP R5			UKB			ADGC		
	Mask	Test	P	Mask	Test	P	Mask	Test	P
ACADS	M2	ACAT-V	2.74E-18	M2	Burden	1.02E-02	M1	ACAT-O	2.30E-02
		ACAT-O	2.46E-17					ACAT-V	2.30E-02
		SKAT	2.27E-13					SKAT	2.30E-02
		SKAT-O	1.70E-12					SKAT-O	2.30E-02
								Burden	2.30E-02
			M2	SKAT	4.66E-02				
TREM2	M2	ACAT-O	1.19E-07	M2	SKAT	7.05E-11	M2	SKATO	6.50E-09
		SKAT-O	1.44E-07		ACATO	1.11E-10		ACATO	6.77E-09
		Burden	1.62E-07		SKATO	2.05E-10		SKAT	1.18E-08
		SKAT	4.40E-07		Burden	8.16E-10		ACATV	3.12E-08
					ACATV	1.77E-09		Burden	6.49E-08
CBLC	M3	SKAT	7.57E-07	M1	SKAT	2.01E-02	M2	Burden	3.91E-03
		ACAT-O	1.19E-06		ACATV	2.14E-02		ACAT-O	5.89E-03
					ACATO	2.39E-02		SKAT-O	6.17E-03
					SKATO	2.48E-02		ACAT-V	7.57E-03
					Burden	4.28E-02		SKAT	1.20E-02
CREB3L1	M2	ACAT-V	1.13E-06	M3	SKAT-O	4.38E-02	M3	ACATO	1.18E-02
								ACATV	1.18E-02
								SKAT	1.18E-02
								SKATO	1.18E-02
								Burden	1.18E-02
MFSD12	M1	SKAT-O	8.75E-11	M2	Burden	3.03E-02	M1	ACAT-V	3.68E-02
		ACAT-V	3.07E-10						
		Burden	3.97E-10						
		ACAT-O	1.46E-10						
		SKAT	1.65E-10						
NUP210L	M3	SKAT-O	9.15E-10	M3	Burden	3.51E-02			
		SKAT	1.10E-09						
		ACAT-O	1.58E-09						
		ACAT-V	4.21E-08						
		Burden	6.86E-07						
GPR37L1	M2	Burden	5.98E-07	M3	ACAT-V	7.00E-04			
		SKAT-O	6.37E-07		ACAT-O	5.09E-03			
		ACAT-O	9.32E-07		Burden	1.26E-02			
		ACAT-V	1.07E-06		SKAT-O	1.60E-02			
		SKAT	1.13E-06		SKAT	3.50E-02			
MYH6	M2	SKAT	2.70E-07	M1	Burden	3.07E-02			
		SKAT-O	8.79E-07						
		ACAT-O	1.07E-06						
	M3	SKAT-O	2.11E-08						
		ACAT-O	5.46E-08						
		SKAT	6.29E-08						
		ACAT-V	1.73E-07						
CARIES1	M2	ACAT-V	5.05E-07	M2	SKAT-O	4.94E-02			

CABLE31	M2	ACAT-V	3.05E-07	M3	Burden	3.05E-02	
METTL22	M3	ACAT-V	1.50E-06	M2	Burden	1.83E-02	
NPTX1	M2	ACAT-V	6.96E-08	M3	Burden	2.76E-02	
		ACAT-O	6.27E-07				
METRNL	M2	ACAT-V	8.62E-13	M3	Burden	3.95E-03	
		ACAT-O	7.76E-12				
		SKAT	1.01E-07				
		SKAT-O	2.06E-07				
ZBTB14	M3	ACATO	9.57E-08	M2	ACAT-O	3.92E-02	
		ACATV	1.30E-07		ACAT-V	5.71E-03	
		SKAT	7.62E-08				
		SKATO	7.53E-08				
PIEZO2	M2	ACAT-V	2.44E-09	M2	SKAT	4.45E-03	
		ACAT-O	2.19E-08		ACAT-V	8.22E-03	
					SKAT-O	8.40E-03	
					ACAT-O	8.85E-03	
PSEN1	M2	ACAT-V	4.96E-13	M2	SKAT	1.03E-02	
		ACAT-O	4.47E-12		ACATO	1.28E-02	
		SKAT-O	7.38E-07		SKATO	1.59E-02	
		SKAT	7.70E-07		ACATV	2.57E-02	
					Burden	3.15E-02	
SMURF2	M2	ACAT-V	3.78E-08		M2	ACATO	1.55E-02
		ACAT-O	3.36E-07			ACATV	4.87E-02
						SKAT	2.44E-02
ATP13A5	M2	ACAT-V	2.10E-07		M3	ACAT-O	2.60E-02
						ACAT-V	2.67E-02
						SKAT	1.72E-02
						SKAT-O	2.69E-02
GPC2	M2	ACAT-O	4.59E-09		M3	Burden	2.82E-02
		ACAT-V	4.27E-09				
		SKAT	2.09E-09				
		SKAT-O	4.62E-09				
VASH1	M2	ACAT-O	9.65E-07		M3	ACAT-O	3.12E-02
		ACAT-V	1.07E-07			SKAT	4.67E-02
						SKAT-O	2.29E-02
						Burden	1.43E-02
AKAP13	M2	ACAT-V	6.92E-07		M2	Burden	8.53E-03
KIF16B	M2	ACAT-O	3.18E-17		M1	ACATO	1.35E-02
		ACAT-V	1.72E-15			ACATV	3.51E-02
		SKAT	1.05E-17			SKAT	2.16E-02
		SKAT-O	5.16E-17			SKATO	7.18E-03
						Burden	5.48E-03

Table S6 Ancestry concentration analysis											
Gene	CHR	POS	ID	REF	ALT	total_carriers	total_carriers_AD	total_carriers_Control	dominant_ancestry	dominant_ancestry_prop	Simpson_index
NUP210L	chr1	154001074	rs756544991	T	TA	2	0	2	South Asian	1	0
NUP210L	chr1	154001989	rs746505953	G	GA	5	3	2	Latin American 1	0.8	0.32
NUP210L	chr1	154001989	rs779604822	GA	G	2	1	1	European	1	0
NUP210L	chr1	154012375	rs1407664267	C	A	2	1	1	European	1	0
NUP210L	chr1	154019080	rs751740675	A	G	2	2	0	African American	1	0
NUP210L	chr1	154022120	rs202099107	A	G	13	7	6	European	1	0
NUP210L	chr1	154022353	rs757260813	G	A	3	1	2	Latin American 2	0.666666667	0.444444444
NUP210L	chr1	154025733	rs773207371	G	A	2	1	1	European	1	0
NUP210L	chr1	154054223	rs200535202	A	G	14	6	8	European	1	0
NUP210L	chr1	154056951	rs754469984	C	CA	3	1	2	European	1	0
NUP210L	chr1	154058558	rs748532755	G	A	3	1	2	East Asian	1	0
NUP210L	chr1	154058691	rs767440634	T	C	3	0	3	European	1	0
NUP210L	chr1	154060533	rs375753204	A	C	70	19	51	Latin American 1	0.871428571	0.233469388
NUP210L	chr1	154060646	chr1_154060646_G_C	G	C	8	3	5	AFR	0.875	0.21875
NUP210L	chr1	154061050	rs904262090	G	C	3	1	2	Latin American 1	0.666666667	0.444444444
NUP210L	chr1	154061582	chr1_154061582_T_C	T	C	3	2	1	East Asian	1	0
NUP210L	chr1	154095161	rs776584042	T	C	3	0	3	Latin American 2	1	0
NUP210L	chr1	154099991	rs113857104	A	G	57	19	38	Latin American 1	0.596491228	0.507232995
NUP210L	chr1	154117718	rs374684249	C	T	2	0	2	African American	1	0
NUP210L	chr1	154117719	rs762887665	G	A	3	1	2	European	0.666666667	0.444444444
NUP210L	chr1	154117723	chr1_154117723_A_T	A	T	235	35	200	European	0.574468085	0.608166591
NUP210L	chr1	154117723	chr1_154117723_AC_A	AC	A	22	2	20	European	0.727272727	0.433884298
NUP210L	chr1	154117724	chr1_154117724_C_A	C	A	705	130	575	European	0.510638298	0.672131181
NUP210L	chr1	154118665	rs77653541	C	G	37	15	22	East Asian	1	0
NUP210L	chr1	154118818	rs371223934	C	G	20	0	20	South Asian	0.7	0.445
NUP210L	chr1	154118821	rs1273187613	G	A	2	0	2	European	0.5	0.5
NUP210L	chr1	154127421	chr1_154127421_T_C	T	C	2	0	2	South Asian	1	0
NUP210L	chr1	154129349	rs377611267	A	C	23	11	12	Latin American 1	0.52173913	0.536862004
NUP210L	chr1	154129355	rs779121549	TG	T	6	3	3	European	1	0
NUP210L	chr1	154141531	rs561116668	A	C	4	1	3	Latin American 1	0.75	0.375
NUP210L	chr1	154154834	rs375016355	C	G	44	10	34	African American	0.636363636	0.515495868
CACNA1S	chr1	201039883	rs72749169	C	T	167	50	117	European	0.850299401	0.26913837
CACNA1S	chr1	201039922	rs145195149	C	G	4	2	2	African American	1	0
CACNA1S	chr1	201039938	rs149547196	G	A	227	64	163	European	0.621145374	0.555803528
CACNA1S	chr1	201039943	rs200765341	T	G	34	8	26	Latin American 2	0.558823529	0.574394464
CACNA1S	chr1	201039970	rs754766494	A	G	2	0	2	European	1	0
CACNA1S	chr1	201040302	rs200434921	G	T	11	5	6	European	0.818181818	0.297520661
CACNA1S	chr1	201040302	chr1_201040302_G_A	G	A	4	0	4	European	0.5	0.625
CACNA1S	chr1	201040322	rs554208789	C	G	5	1	4	Native American	0.6	0.48
CACNA1S	chr1	201040633	rs542268566	C	T	2	0	2	South Asian	1	0
CACNA1S	chr1	201040647	chr1_201040647_C_T	C	T	2	0	2	European	1	0
CACNA1S	chr1	201041533	rs201310235	C	G	33	15	18	Latin American 1	0.96969697	0.058769513
CACNA1S	chr1	201041533	chr1_201041533_C_T	C	T	8	5	3	European	0.375	0.71875
CACNA1S	chr1	201041551	rs367577681	G	A	22	1	21	South Asian	0.909090909	0.165289256

CACNA1S	chr1	201043321	rs146696748	A	T	5	0	5	European	0.8	0.32
CACNA1S	chr1	201043324	rs199989324	C	T	3	1	2	European	0.666666667	0.444444444
CACNA1S	chr1	201043333	rs145340252	C	T	4	0	4	African American	1	0
CACNA1S	chr1	201043342	rs141618437	T	C	11	3	8	African American	0.727272727	0.429752066
CACNA1S	chr1	201043345	rs200772623	T	A	2	1	1	European	1	0
CACNA1S	chr1	201043357	rs147392278	G	A	26	2	24	European	0.269230769	0.781065089
CACNA1S	chr1	201043357	chr1_201043357_G_T	G	T	2	1	1	Latin American 2	0.5	0.5
CACNA1S	chr1	201043375	rs143933255	G	A	26	7	19	European	0.769230769	0.369822485
CACNA1S	chr1	201043413	rs146885451	T	A	5	1	4	European	0.8	0.32
CACNA1S	chr1	201043446	rs576536458	A	G	7	0	7	South Asian	1	0
CACNA1S	chr1	201043471	rs199691275	G	C	5	1	4	African American	0.6	0.48
CACNA1S	chr1	201043479	rs1313984683	G	T	2	1	1	European	1	0
CACNA1S	chr1	201044329	rs946904077	C	T	3	2	1	European	0.666666667	0.444444444
CACNA1S	chr1	201044339	rs751048080	C	T	12	4	8	Latin American 1	0.583333333	0.486111111
CACNA1S	chr1	201044365	rs749495704	G	T	3	0	3	Latin American 2	0.666666667	0.444444444
CACNA1S	chr1	201044378	rs148273582	C	T	25	14	11	European	0.96	0.0768
CACNA1S	chr1	201044394	rs202120583	G	C	8	3	5	European	1	0
CACNA1S	chr1	201044407	rs183195890	G	A	35	10	25	European	0.514285714	0.649795918
CACNA1S	chr1	201044420	rs138768414	C	T	2	1	1	African American	0.5	0.5
CACNA1S	chr1	201044446	rs372436488	C	T	5	1	4	Latin American 1	0.6	0.56
CACNA1S	chr1	201044453	rs144561492	C	T	2	1	1	European	1	0
CACNA1S	chr1	201047133	rs1413666626	C	A	3	2	1	East Asian	1	0
CACNA1S	chr1	201047144	rs757433005	G	A	3	0	3	European	1	0
CACNA1S	chr1	201047167	rs774256022	C	T	2	0	2	Latin American 2	1	0
CACNA1S	chr1	201047167	chr1_201047167_C_A	C	A	3	1	2	European	0.666666667	0.444444444
CACNA1S	chr1	201047183	rs914458618	G	A	2	2	0	East Asian	0.5	0.5
CACNA1S	chr1	201047218	rs763242241	T	C	2	0	2	Latin American 2	0.5	0.5
CACNA1S	chr1	201047546	rs970352258	G	C	2	1	1	African American	0.5	0.5
CACNA1S	chr1	201047549	rs772376048	C	G	2	1	1	European	1	0
CACNA1S	chr1	201047566	rs928580339	G	T	2	0	2	European	0.5	0.5
CACNA1S	chr1	201047567	rs373248127	T	C	5	0	5	European	0.6	0.56
CACNA1S	chr1	201047606	rs533353353	C	T	8	0	8	South Asian	0.875	0.21875
CACNA1S	chr1	201048587	rs780785403	G	A	2	1	1	European	0.5	0.5
CACNA1S	chr1	201048591	rs745558537	T	G	2	0	2	South Asian	1	0
CACNA1S	chr1	201048609	rs201257304	G	A	4	0	4	European	0.75	0.375
CACNA1S	chr1	201048648	rs751530767	C	T	2	0	2	European	1	0
CACNA1S	chr1	201048677	rs79011683	A	C	169	23	146	European	0.976331361	0.046566997
CACNA1S	chr1	201048683	rs377474103	C	T	10	2	8	European	0.8	0.32
CACNA1S	chr1	201048684	chr1_201048684_G_A	G	A	2	0	2	AFR	0.5	0.5
CACNA1S	chr1	201049017	rs759331560	G	A	2	1	1	European	0.5	0.5
CACNA1S	chr1	201049077	rs1224786667	C	T	2	1	1	European	1	0
CACNA1S	chr1	201049091	rs372383822	A	T	8	2	6	European	1	0
CACNA1S	chr1	201049098	rs886045796	C	T	2	1	1	European	1	0
CACNA1S	chr1	201050460	rs371849585	G	C	4	3	1	European	1	0
CACNA1S	chr1	201051037	rs145910245	T	A	246	87	159	European	0.808943089	0.326921806
CACNA1S	chr1	201051037	chr1_201051037_T_G	T	G	2	0	2	Latin American 1	0.5	0.5

CACNA1S	chr1	201051054	rs1310927239	T	A	3	1	2	African American	1	0
CACNA1S	chr1	201051057	rs752954170	C	A	2	1	1	African American	1	0
CACNA1S	chr1	201051096	rs146158332	T	C	6	3	3	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201051135	rs775654393	G	T	3	0	3	AFR	0.333333333	0.666666667
CACNA1S	chr1	201051143	chr1_201051143_C_A	C	A	2	0	2	African American	0.5	0.5
CACNA1S	chr1	201052605	rs200042281	C	T	11	3	8	Latin American 2	0.636363636	0.512396694
CACNA1S	chr1	201052606	rs780390034	G	A	5	0	5	European	0.8	0.32
CACNA1S	chr1	201052620	rs749856222	C	T	9	4	5	Latin American 2	0.888888889	0.197530864
CACNA1S	chr1	201052633	rs555016254	C	T	2	0	2	Latin American 1	0.5	0.5
CACNA1S	chr1	201053217	rs768535906	C	T	2	0	2	South Asian	1	0
CACNA1S	chr1	201053226	rs774300377	C	A	7	2	5	Latin American 2	0.857142857	0.244897959
CACNA1S	chr1	201053247	rs760441649	C	T	5	1	4	European	0.6	0.48
CACNA1S	chr1	201053259	rs138144724	C	T	265	84	181	African American	0.539622642	0.598049128
CACNA1S	chr1	201053262	rs749105028	C	T	2	0	2	European	0.5	0.5
CACNA1S	chr1	201053488	chr1_201053488_G_A	G	A	2	0	2	Latin American 1	1	0
CACNA1S	chr1	201053493	rs530655602	C	T	28	0	28	South Asian	0.857142857	0.257653061
CACNA1S	chr1	201053494	rs200034567	G	C	5	2	3	European	1	0
CACNA1S	chr1	201053500	rs768780512	C	T	2	1	1	European	1	0
CACNA1S	chr1	201053508	rs775009783	C	T	3	0	3	Latin American 1	0.333333333	0.666666667
CACNA1S	chr1	201053529	rs750637537	C	T	2	1	1	European	0.5	0.5
CACNA1S	chr1	201053532	rs756259956	A	G	3	3	0	Latin American 1	1	0
CACNA1S	chr1	201053568	rs774416016	C	T	2	0	2	European	0.5	0.5
CACNA1S	chr1	201053578	rs1352459952	C	T	2	0	2	European	1	0
CACNA1S	chr1	201054507	rs202240111	C	T	2	0	2	East Asian	0.5	0.5
CACNA1S	chr1	201054543	rs148870919	C	T	47	15	32	European	0.872340426	0.222725215
CACNA1S	chr1	201058410	rs367956917	C	T	2	0	2	European	1	0
CACNA1S	chr1	201058433	rs200366112	A	G	3	2	1	African American	0.333333333	0.666666667
CACNA1S	chr1	201059196	chr1_201059196_T_A	T	A	2	0	2	South Asian	1	0
CACNA1S	chr1	201059286	rs756712640	G	A	2	0	2	South Asian	1	0
CACNA1S	chr1	201059289	rs139373152	T	G	40	9	31	African American	0.4	0.69125
CACNA1S	chr1	201059289	chr1_201059289_T_C	T	C	2	0	2	South Asian	1	0
CACNA1S	chr1	201059298	rs756628359	T	G	3	0	3	European	1	0
CACNA1S	chr1	201060666	rs145039828	C	T	4	2	2	European	1	0
CACNA1S	chr1	201060674	chr1_201060674_A_G	A	G	3	0	3	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201060738	rs151218760	A	C	10	3	7	African American	0.7	0.46
CACNA1S	chr1	201060741	rs200558548	C	T	8	2	6	Latin American 2	0.875	0.21875
CACNA1S	chr1	201060785	rs142102094	C	T	35	20	15	Latin American 1	0.885714286	0.207346939
CACNA1S	chr1	201060786	rs781178565	G	A	2	1	1	European	1	0
CACNA1S	chr1	201060811	chr1_201060811_T_G	T	G	3	0	3	Latin American 2	0.666666667	0.444444444
CACNA1S	chr1	201060815	rs1800559	C	T	2	0	2	African American	0.5	0.5
CACNA1S	chr1	201061332	rs138837077	C	T	10	4	6	European	0.8	0.34
CACNA1S	chr1	201061379	rs745571736	T	C	16	3	13	Latin American 1	0.5625	0.4921875
CACNA1S	chr1	201061382	rs769489062	A	T	3	1	2	East Asian	1	0
CACNA1S	chr1	201061398	rs562504992	C	T	2	0	2	South Asian	1	0
CACNA1S	chr1	201061409	rs774884290	C	T	5	3	2	European	0.4	0.72
CACNA1S	chr1	201061431	rs777328046	C	T	3	1	2	European	0.666666667	0.444444444

CACNA1S	chr1	201061455	rs551510986	C	T	4	1	3	African American	0.75	0.375
CACNA1S	chr1	201061954	rs202242262	C	T	3	2	1	East Asian	0.666666667	0.444444444
CACNA1S	chr1	201061971	rs200224590	G	A	9	4	5	European	0.888888889	0.197530864
CACNA1S	chr1	201061984	rs149658326	T	A	7	2	5	European	0.714285714	0.408163265
CACNA1S	chr1	201061987	chr1_201061987_T_A	T	A	2	1	1	Native American	1	0
CACNA1S	chr1	201062005	rs116347156	C	T	69	17	52	African American	0.623188406	0.533921445
CACNA1S	chr1	201062017	rs369941827	C	T	3	0	3	European	0.666666667	0.444444444
CACNA1S	chr1	201062018	rs146497999	G	T	2	1	1	African American	0.5	0.5
CACNA1S	chr1	201062032	rs922494615	C	T	2	0	2	East Asian	0.5	0.5
CACNA1S	chr1	201062034	rs747618077	C	T	7	1	6	Latin American 2	0.571428571	0.571428571
CACNA1S	chr1	201062035	rs143722841	G	A	2	0	2	Latin American 2	1	0
CACNA1S	chr1	201062037	rs201174511	T	C	12	6	6	East Asian	1	0
CACNA1S	chr1	201062040	rs140453525	C	T	7	2	5	African American	0.428571429	0.693877551
CACNA1S	chr1	201062041	rs770099347	G	A	2	0	2	European	1	0
CACNA1S	chr1	201065852	rs76460090	C	T	5	0	5	East Asian	0.8	0.32
CACNA1S	chr1	201065855	rs569324688	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
CACNA1S	chr1	201065869	rs575247457	A	G	6	4	2	European	1	0
CACNA1S	chr1	201065870	chr1_201065870_T_G	T	G	2	0	2	European	1	0
CACNA1S	chr1	201065897	rs373701906	C	T	3	0	3	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201065900	rs778518002	T	C	2	0	2	European	0.5	0.5
CACNA1S	chr1	201065906	rs146903750	C	T	4	2	2	European	0.5	0.625
CACNA1S	chr1	201065918	rs138708497	T	C	4	2	2	Latin American 1	0.75	0.375
CACNA1S	chr1	201065927	rs1211786403	A	G	2	1	1	European	1	0
CACNA1S	chr1	201065929	rs765793568	A	G	2	0	2	Latin American 2	1	0
CACNA1S	chr1	201065942	rs751833750	C	T	4	0	4	European	1	0
CACNA1S	chr1	201066245	rs375318710	C	T	2	0	2	European	0.5	0.5
CACNA1S	chr1	201066248	rs139935847	T	C	5	0	5	European	1	0
CACNA1S	chr1	201066897	chr1_201066897_T_G	T	G	3	0	3	South Asian	0.666666667	0.444444444
CACNA1S	chr1	201066909	rs573597311	A	G	5	2	3	East Asian	1	0
CACNA1S	chr1	201066912	rs202131129	C	T	7	4	3	East Asian	0.571428571	0.489795918
CACNA1S	chr1	201066914	rs200646947	G	A	6	1	5	European	0.666666667	0.444444444
CACNA1S	chr1	201066950	rs545411173	C	T	5	1	4	Latin American 2	0.8	0.32
CACNA1S	chr1	201066951	rs201205904	G	A	12	1	11	European	0.333333333	0.75
CACNA1S	chr1	201066962	rs369192794	C	G	3	1	2	African American	0.666666667	0.444444444
CACNA1S	chr1	201066989	rs200334886	G	A	4	2	2	European	0.5	0.625
CACNA1S	chr1	201069482	rs61238538	A	G	430	116	314	African American	0.555813953	0.599956733
CACNA1S	chr1	201069494	rs553619980	C	T	2	1	1	European	0.5	0.5
CACNA1S	chr1	201069495	rs199758244	G	A	4	1	3	European	1	0
CACNA1S	chr1	201069509	rs372668776	G	A	3	0	3	European	0.666666667	0.444444444
CACNA1S	chr1	201069522	rs139956524	C	T	80	27	53	European	0.8375	0.289375
CACNA1S	chr1	201069543	rs773958053	G	T	2	1	1	Latin American 1	0.5	0.5
CACNA1S	chr1	201069554	rs201528828	T	C	2	1	1	East Asian	0.5	0.5
CACNA1S	chr1	201069581	rs760674518	C	T	7	1	6	Latin American 2	0.714285714	0.408163265
CACNA1S	chr1	201069582	rs373328930	G	A	3	0	3	European	0.333333333	0.666666667
CACNA1S	chr1	201070289	rs199990080	G	C	5	0	5	Latin American 1	1	0
CACNA1S	chr1	201070315	rs566562378	T	C	2	1	1	East Asian	0.5	0.5

CACNA1S	chr1	201070321	rs778705388	C	A	2	0	2	African American	0.5	0.5
CACNA1S	chr1	201070336	rs771865391	G	T	7	1	6	South Asian	0.571428571	0.571428571
CACNA1S	chr1	201070353	rs1361352939	G	A	2	0	2	African American	0.5	0.5
CACNA1S	chr1	201072775	rs756870237	T	A	2	0	2	European	1	0
CACNA1S	chr1	201073607	rs147112322	G	A	14	4	10	European	0.5	0.653061224
CACNA1S	chr1	201073614	rs1225367412	TCTC	T	4	0	4	African American	0.75	0.375
CACNA1S	chr1	201073631	chr1_201073631_T_C	T	C	2	0	2	East Asian	1	0
CACNA1S	chr1	201074512	chr1_201074512_A_G	A	G	3	2	1	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201074514	rs200844059	C	G	3	1	2	European	1	0
CACNA1S	chr1	201074521	rs141031133	C	T	3	0	3	European	1	0
CACNA1S	chr1	201074522	rs35708442	G	A	485	157	328	African American	0.536082474	0.608166649
CACNA1S	chr1	201074522	chr1_201074522_G_T	G	T	2	1	1	Latin American 1	1	0
CACNA1S	chr1	201074573	rs377082783	C	T	5	1	4	South Asian	0.6	0.48
CACNA1S	chr1	201075498	rs760246258	T	G	16	5	11	Latin American 1	0.5625	0.578125
CACNA1S	chr1	201075507	rs139860737	C	T	15	9	6	East Asian	0.866666667	0.24
CACNA1S	chr1	201075528	rs185777948	T	C	2	1	1	East Asian	1	0
CACNA1S	chr1	201075539	rs144590408	A	G	3	1	2	European	1	0
CACNA1S	chr1	201075540	rs201784750	T	C	20	6	14	European	0.75	0.375
CACNA1S	chr1	201075554	rs150646872	G	A	6	3	3	African American	0.5	0.611111111
CACNA1S	chr1	201075558	rs147888089	C	T	2	2	0	European	0.5	0.5
CACNA1S	chr1	201075561	rs768445692	C	T	2	2	0	European	1	0
CACNA1S	chr1	201075588	rs776996468	T	C	2	0	2	South Asian	1	0
CACNA1S	chr1	201075591	rs149195094	A	C	2	0	2	European	1	0
CACNA1S	chr1	201075615	rs756131999	C	A	4	2	2	Latin American 1	0.75	0.375
CACNA1S	chr1	201076928	rs377461013	C	T	2	1	1	African American	1	0
CACNA1S	chr1	201076930	rs142356235	C	T	559	188	371	European	0.772808587	0.382602462
CACNA1S	chr1	201076966	rs762032797	C	A	4	1	3	African American	0.75	0.375
CACNA1S	chr1	201076967	rs200165212	G	A	24	7	17	Latin American 2	0.875	0.225694444
CACNA1S	chr1	201076970	chr1_201076970_G_A	G	A	6	0	6	European	1	0
CACNA1S	chr1	201076979	chr1_201076979_T_C	T	C	2	2	0	Native American	1	0
CACNA1S	chr1	201077002	rs377459546	C	G	2	1	1	East Asian	0.5	0.5
CACNA1S	chr1	201077024	rs772213240	G	A	4	1	3	European	1	0
CACNA1S	chr1	201077036	rs114191482	C	T	116	42	74	African American	0.5	0.618906064
CACNA1S	chr1	201077077	rs4915212	C	T	81	17	64	Latin American 2	0.790123457	0.341106539
CACNA1S	chr1	201077078	rs756612471	G	A	9	2	7	European	0.666666667	0.518518519
CACNA1S	chr1	201077906	rs748711395	C	T	4	1	3	European	1	0
CACNA1S	chr1	201077916	rs80338778	G	A	5	0	5	Latin American 1	1	0
CACNA1S	chr1	201077936	rs1253021609	G	A	3	2	1	European	0.666666667	0.444444444
CACNA1S	chr1	201077946	rs776209588	C	T	3	1	2	European	0.666666667	0.444444444
CACNA1S	chr1	201077951	rs140662085	G	A	51	19	32	European	0.784313725	0.367550942
CACNA1S	chr1	201077996	rs767628675	C	A	2	0	2	Latin American 2	1	0
CACNA1S	chr1	201078005	rs150590855	C	A	51	24	27	European	0.607843137	0.577470204
CACNA1S	chr1	201078005	chr1_201078005_C_T	C	T	20	9	11	European	0.9	0.185
CACNA1S	chr1	201078006	rs532351874	G	A	4	2	2	European	0.5	0.5
CACNA1S	chr1	201078021	rs757006372	T	G	2	0	2	Latin American 2	1	0
CACNA1S	chr1	201078021	chr1_201078021_T_A	T	A	2	1	1	Latin American 2	0.5	0.5

CACNA1S	chr1	201078032	rs553739117	C	T	6	1	5	Latin American 2	0.5	0.5
CACNA1S	chr1	201078033	rs138364213	G	A	4	1	3	African American	0.5	0.625
CACNA1S	chr1	201078045	rs375469357	C	T	3	0	3	African American	0.333333333	0.666666667
CACNA1S	chr1	201078092	rs371024880	C	A	2	1	1	South Asian	1	0
CACNA1S	chr1	201083170	rs146696298	C	T	6	1	5	South Asian	0.5	0.611111111
CACNA1S	chr1	201083173	rs143202536	G	A	15	7	8	African American	0.866666667	0.24
CACNA1S	chr1	201083185	rs1450678337	G	A	3	1	2	European	1	0
CACNA1S	chr1	201083203	rs35521793	G	A	5	2	3	European	1	0
CACNA1S	chr1	201083207	rs150218077	C	T	7	2	5	European	0.714285714	0.448979592
CACNA1S	chr1	201083230	rs202217590	A	G	2	1	1	European	1	0
CACNA1S	chr1	201083231	rs572977674	C	T	25	12	13	Latin American 1	0.8	0.32
CACNA1S	chr1	201083254	rs146136274	A	G	43	15	28	European	0.976744186	0.045429962
CACNA1S	chr1	201083300	rs759510146	G	A	2	2	0	East Asian	1	0
CACNA1S	chr1	201083320	rs761248676	C	T	2	0	2	European	0.5	0.5
CACNA1S	chr1	201085002	rs112236248	C	T	7	2	5	Latin American 1	0.714285714	0.408163265
CACNA1S	chr1	201085016	rs148770452	T	A	15	4	11	European	1	0
CACNA1S	chr1	201085031	rs201737381	C	T	4	2	2	European	1	0
CACNA1S	chr1	201085466	rs758280510	C	T	7	2	5	Latin American 1	0.857142857	0.244897959
CACNA1S	chr1	201085474	rs150954040	G	A	9	4	5	African American	0.444444444	0.716049383
CACNA1S	chr1	201087925	rs765889961	T	C	3	1	2	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201089260	rs370325121	A	G	3	0	3	European	1	0
CACNA1S	chr1	201089263	rs35856559	A	G	326	99	227	African American	0.564417178	0.59010501
CACNA1S	chr1	201089296	rs201585867	A	C	3	2	1	European	0.666666667	0.444444444
CACNA1S	chr1	201089305	rs770679071	C	T	3	1	2	European	0.666666667	0.444444444
CACNA1S	chr1	201089332	rs757755172	C	T	2	0	2	East Asian	0.5	0.5
CACNA1S	chr1	201089368	rs779029870	C	T	4	0	4	African American	0.5	0.5
CACNA1S	chr1	201089374	rs186538122	G	A	8	5	3	East Asian	0.75	0.40625
CACNA1S	chr1	201089385	rs35534614	C	T	617	216	401	European	0.719611021	0.45312578
CACNA1S	chr1	201089385	chr1_201089385_C_A	C	A	25	4	21	European	1	0
CACNA1S	chr1	201089392	rs190152688	T	C	12	6	6	East Asian	1	0
CACNA1S	chr1	201089403	rs766838790	C	T	3	0	3	African American	0.666666667	0.444444444
CACNA1S	chr1	201089415	rs200665694	G	A	15	3	12	European	0.8	0.346666667
CACNA1S	chr1	201089451	rs767790285	G	A	4	0	4	Latin American 2	0.75	0.375
CACNA1S	chr1	201089458	rs370661912	C	T	3	0	3	European	0.666666667	0.444444444
CACNA1S	chr1	201091669	rs1287586310	A	T	5	2	3	European	1	0
CACNA1S	chr1	201091709	rs566565917	T	C	2	2	0	European	1	0
CACNA1S	chr1	201091736	rs527702358	C	T	5	2	3	European	1	0
CACNA1S	chr1	201091983	rs141204958	G	A	24	10	14	European	0.958333333	0.079861111
CACNA1S	chr1	201091993	rs772226819	G	A	2	2	0	East Asian	0.5	0.5
CACNA1S	chr1	201091999	rs370041629	G	A	2	0	2	European	0.5	0.5
CACNA1S	chr1	201092023	rs747238231	G	A	2	0	2	European	1	0
CACNA1S	chr1	201092032	rs138265497	C	T	4	2	2	European	1	0
CACNA1S	chr1	201092043	chr1_201092043_G_C	G	C	2	1	1	European	1	0
CACNA1S	chr1	201092053	rs761768992	T	C	3	0	3	South Asian	1	0
CACNA1S	chr1	201092068	rs74642988	T	C	18	3	15	East Asian	1	0
CACNA1S	chr1	201092104	rs753195502	C	T	2	0	2	European	0.5	0.5

CACNA1S	chr1	201093886	rs377030324	G	T	60	1	59	South Asian	0.983333333	0.032777778
CACNA1S	chr1	201093897	rs139491817	G	C	93	26	67	African American	0.580645161	0.557752341
CACNA1S	chr1	201093944	rs374324813	G	C	3	0	3	Latin American 1	0.666666667	0.444444444
CACNA1S	chr1	201093955	rs764602257	C	T	4	0	4	Latin American 1	0.75	0.375
CACNA1S	chr1	201093996	rs550479246	A	G	2	0	2	South Asian	1	0
CACNA1S	chr1	201094018	rs140330831	T	C	11	6	5	European	0.636363636	0.52892562
GPR37L1	chr1	202123090	rs373409302	C	T	2	2	0	East Asian	0.5	0.5
GPR37L1	chr1	202128116	rs746499872	C	T	2	2	0	European	1	0
GPR37L1	chr1	202128534	rs1227922634	TGC	T	2	1	1	East Asian	1	0
GPR37L1	chr1	202128556	chr1_202128556_A_T	A	T	675	217	458	European	0.34962963	0.772218381
GPR37L1	chr1	202128556	chr1_202128556_A_G	A	G	6	0	6	African American	0.333333333	0.777777778
EXO1	chr1	241850498	rs372301145	C	A	8	3	5	Latin American 1	0.875	0.21875
EXO1	chr1	241850523	rs771577156	G	C	2	0	2	Latin American 2	0.5	0.5
EXO1	chr1	241850534	rs572094015	A	G	2	1	1	European	1	0
EXO1	chr1	241850541	chr1_241850541_C_A	C	A	2	0	2	European	1	0
EXO1	chr1	241850586	rs766312563	G	A	2	1	1	African American	0.5	0.5
EXO1	chr1	241852306	rs200962199	G	C	7	1	6	South Asian	1	0
EXO1	chr1	241852356	rs4149864	G	A	348	104	244	African American	0.568965517	0.595323028
EXO1	chr1	241852397	rs147963292	G	C	26	10	16	African American	0.653846154	0.51183432
EXO1	chr1	241852407	rs4149865	A	G	445	131	314	African American	0.57752809	0.580441863
EXO1	chr1	241853398	rs567681802	C	T	2	0	2	East Asian	0.5	0.5
EXO1	chr1	241853399	rs147687027	G	A	4	0	4	South Asian	0.75	0.375
EXO1	chr1	241853401	rs143546023	G	A	18	6	12	European	0.944444444	0.104938272
EXO1	chr1	241853414	rs373710484	C	T	5	4	1	European	0.8	0.32
EXO1	chr1	241853479	rs779653956	A	G	3	0	3	South Asian	0.666666667	0.444444444
EXO1	chr1	241857348	rs147663824	G	T	67	22	45	European	0.611940299	0.574292716
EXO1	chr1	241857358	rs369513542	A	G	5	4	1	European	1	0
EXO1	chr1	241857360	rs373134694	G	C	6	1	5	European	0.833333333	0.277777778
EXO1	chr1	241857368	rs149474050	T	A	70	20	50	European	0.428571429	0.629795918
EXO1	chr1	241857371	rs756050889	C	G	4	1	3	Latin American 2	1	0
EXO1	chr1	241857381	rs778317733	C	T	3	1	2	East Asian	1	0
EXO1	chr1	241857411	rs140218725	C	G	4	1	3	European	0.75	0.375
EXO1	chr1	241857432	rs78172944	C	A	109	6	103	European	0.963302752	0.071542799
EXO1	chr1	241857438	rs748644107	A	G	2	2	0	European	1	0
EXO1	chr1	241858525	rs150454803	A	G	2	1	1	East Asian	1	0
EXO1	chr1	241858581	rs749761548	G	A	2	1	1	African American	1	0
EXO1	chr1	241858594	rs560299246	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
EXO1	chr1	241858603	rs1314461218	A	G	2	0	2	European	1	0
EXO1	chr1	241858653	rs755850791	C	T	2	0	2	European	0.5	0.5
EXO1	chr1	241858696	rs747186288	C	G	10	6	4	East Asian	1	0
EXO1	chr1	241858699	rs765785025	A	G	3	1	2	African American	0.666666667	0.444444444
EXO1	chr1	241858704	rs1186055154	C	T	5	1	4	Latin American 1	1	0
EXO1	chr1	241858707	rs61750993	G	A	185	68	117	European	0.92972973	0.13393718
EXO1	chr1	241860557	rs150105848	C	T	2	1	1	European	1	0
EXO1	chr1	241860569	rs201509012	A	T	38	17	21	European	0.710526316	0.457063712
EXO1	chr1	241860580	rs149397534	G	A	186	77	109	European	0.612903226	0.540582726

EXO1	chr1	241860599	rs200754492	A	G	9	2	7	European	1	0
EXO1	chr1	241860656	rs4149910	A	G	285	90	195	African American	0.614035088	0.553868883
EXO1	chr1	241860669	rs143367336	T	G	11	4	7	European	0.909090909	0.165289256
EXO1	chr1	241860678	rs1167552447	T	A	2	1	1	African American	1	0
EXO1	chr1	241860679	rs201323654	C	T	9	0	9	African American	0.444444444	0.592592593
EXO1	chr1	241860685	rs146714333	A	G	3	1	2	African American	1	0
EXO1	chr1	241860697	chr1_241860697_G_T	G	T	2	0	2	European	1	0
EXO1	chr1	241861423	rs144135764	T	C	6	1	5	AFR	0.5	0.666666667
EXO1	chr1	241861465	rs112699482	T	C	8	0	8	Latin American 1	0.625	0.46875
EXO1	chr1	241866834	rs149029711	C	T	3	2	1	Latin American 1	1	0
EXO1	chr1	241866848	rs760597120	C	T	2	0	2	European	1	0
EXO1	chr1	241866851	rs753819273	A	G	2	1	1	European	1	0
EXO1	chr1	241866869	rs202181576	T	A	8	0	8	Latin American 2	0.875	0.21875
EXO1	chr1	241866882	rs754871794	C	G	9	4	5	European	1	0
EXO1	chr1	241866905	rs149349773	A	G	15	3	12	European	1	0
EXO1	chr1	241866965	rs760362865	A	T	2	1	1	East Asian	1	0
EXO1	chr1	241867029	rs543887227	C	T	3	0	3	South Asian	1	0
EXO1	chr1	241867049	rs762348945	A	G	3	2	1	European	1	0
EXO1	chr1	241867053	rs148510810	G	A	44	17	27	European	0.931818182	0.127066116
EXO1	chr1	241872032	rs146098746	C	A	90	22	68	African American	0.6	0.549382716
EXO1	chr1	241872065	rs1444229865	A	T	2	0	2	European	0.5	0.5
EXO1	chr1	241872080	rs779981618	CGAfrican Ame	C	2	0	2	Latin American 1	0.5	0.5
EXO1	chr1	241872101	rs75121323	G	A	16	7	9	East Asian	1	0
EXO1	chr1	241872128	rs149663738	T	C	90	22	68	African American	0.6	0.549382716
EXO1	chr1	241872131	rs4149964	C	A	153	45	108	African American	0.594771242	0.571916784
EXO1	chr1	241872142	rs4149966	G	C	639	169	470	European	0.574334898	0.585558911
EXO1	chr1	241872148	rs201895702	G	A	6	4	2	European	1	0
EXO1	chr1	241872174	rs369543845	A	T	6	2	4	Latin American 2	0.666666667	0.444444444
EXO1	chr1	241872200	rs750940919	C	T	5	1	4	European	0.4	0.64
EXO1	chr1	241872212	rs142556885	T	G	107	40	67	European	0.560747664	0.601624596
EXO1	chr1	241872235	chr1_241872235_A_C	A	C	2	1	1	AFR	1	0
EXO1	chr1	241872272	rs4149967	G	C	19	8	11	European	0.947368421	0.099722992
EXO1	chr1	241878749	rs1024525498	G	T	2	0	2	African American	0.5	0.5
EXO1	chr1	241878829	rs568600790	A	G	3	0	3	South Asian	1	0
EXO1	chr1	241878841	chr1_241878841_A_G	A	G	2	2	0	Latin American 1	1	0
EXO1	chr1	241878885	rs142108522	G	A	3	1	2	African American	1	0
EXO1	chr1	241878901	rs1425414134	C	CCTA	2	0	2	African American	1	0
EXO1	chr1	241878903	rs145789527	C	T	6	5	1	European	0.5	0.611111111
EXO1	chr1	241878904	rs143800705	G	A	50	8	42	European	0.42	0.6544
EXO1	chr1	241878925	rs751493652	C	T	5	1	4	Latin American 1	0.6	0.56
EXO1	chr1	241878964	rs755710264	C	A	2	1	1	European	0.5	0.5
EXO1	chr1	241879060	rs544468931	T	G	2	0	2	AFR	0.5	0.5
EXO1	chr1	241879062	rs12122770	A	G	223	87	136	European	0.766816143	0.389430714
EXO1	chr1	241879096	rs367935074	C	T	3	1	2	African American	0.333333333	0.666666667
EXO1	chr1	241879135	rs4149978	G	A	191	76	115	European	0.659685864	0.502124394
EXO1	chr1	241879152	rs61736331	C	T	689	130	559	South Asian	0.444121916	0.685969232

EXO1	chr1	241879152	chr1_241879152_C_G	C	G	188	61	127	European	0.792553191	0.355703938
EXO1	chr1	241879163	rs755546869	G	C	2	0	2	Latin American 2	1	0
EXO1	chr1	241879164	rs200876518	C	T	24	7	17	European	0.833333333	0.288194444
EXO1	chr1	241879174	chr1_241879174_A_G	A	G	2	1	1	European	1	0
EXO1	chr1	241879179	rs770050432	T	C	2	1	1	African American	0.5	0.5
EXO1	chr1	241879203	rs200010267	G	A	6	3	3	European	0.666666667	0.444444444
EXO1	chr1	241879203	chr1_241879203_G_C	G	C	3	2	1	European	0.666666667	0.444444444
EXO1	chr1	241879218	rs751959288	G	A	4	2	2	European	0.75	0.375
EXO1	chr1	241879225	rs781754281	C	A	2	0	2	South Asian	1	0
EXO1	chr1	241879237	rs547661777	G	A	8	1	7	South Asian	0.875	0.21875
EXO1	chr1	241879333	rs753952700	C	G	2	0	2	European	0.5	0.5
EXO1	chr1	241882001	rs370369190	C	T	3	1	2	European	1	0
EXO1	chr1	241885327	rs375362003	A	G	5	2	3	European	0.6	0.48
EXO1	chr1	241885339	chr1_241885339_C_G	C	G	3	1	2	Latin American 2	0.666666667	0.444444444
EXO1	chr1	241885350	rs547993650	C	T	5	0	5	South Asian	1	0
EXO1	chr1	241885357	rs921758551	C	T	2	1	1	African American	1	0
EXO1	chr1	241885378	rs4150001	G	A	402	129	273	European	0.708955224	0.468354744
EXO1	chr1	241885405	rs753557075	A	G	2	0	2	Latin American 1	1	0
EXO1	chr1	241885411	rs200622305	C	T	5	0	5	European	1	0
EXO1	chr1	241885456	rs748480959	C	T	5	2	3	African American	0.4	0.64
EXO1	chr1	241889515	rs752278136	A	G	2	0	2	South Asian	1	0
EXO1	chr1	241889539	rs145975455	C	T	51	14	37	European	0.745098039	0.415993849
EXO1	chr1	241889542	rs1001293843	A	C	2	0	2	African American	0.5	0.5
EXO1	chr1	241889586	rs780297678	G	A	2	1	1	European	0.5	0.5
PDE11A	chr2	177629410	rs771787260	G	C	4	0	4	South Asian	1	0
PDE11A	chr2	177629426	chr2_177629426_G_A	G	A	2	1	1	East Asian	1	0
PDE11A	chr2	177629453	rs140155138	G	A	17	6	11	European	0.764705882	0.359861592
PDE11A	chr2	177629466	rs144881528	C	G	5	3	2	European	1	0
PDE11A	chr2	177629474	rs529018398	C	T	2	0	2	South Asian	1	0
PDE11A	chr2	177629477	chr2_177629477_T_G	T	G	504	78	426	European	0.597222222	0.587372449
PDE11A	chr2	177629486	chr2_177629486_A_T	A	T	2	1	1	East Asian	0.5	0.5
PDE11A	chr2	177629498	chr2_177629498_T_A	T	A	27	5	22	European	0.666666667	0.524005487
PDE11A	chr2	177629501	rs140291701	C	A	2	1	1	European	0.5	0.5
PDE11A	chr2	177629531	rs200504859	G	A	6	2	4	European	0.666666667	0.5
PDE11A	chr2	177629531	chr2_177629531_G_T	G	T	2	1	1	European	1	0
PDE11A	chr2	177629547	rs1390593150	T	A	3	0	3	South Asian	1	0
PDE11A	chr2	177629556	rs138134819	C	T	53	20	33	Latin American 1	0.528301887	0.558205767
PDE11A	chr2	177629562	rs79400048	C	T	52	10	42	Latin American 2	0.576923077	0.577662722
PDE11A	chr2	177663872	rs374942202	C	A	81	0	81	South Asian	0.987654321	0.024386526
PDE11A	chr2	177663880	rs74357545	T	C	565	189	376	European	0.787610619	0.365209492
PDE11A	chr2	177663880	chr2_177663880_T_G	T	G	70	14	56	AFR	0.371428571	0.674693878
PDE11A	chr2	177663894	rs371810618	A	G	2	1	1	European	1	0
PDE11A	chr2	177663913	chr2_177663913_G_A	G	A	29	6	23	Latin American 2	0.344827586	0.72294887
PDE11A	chr2	177663930	rs528467210	C	T	2	1	1	East Asian	0.5	0.5
PDE11A	chr2	177663931	rs551756249	G	A	2	1	1	European	1	0
PDE11A	chr2	177663936	rs79384192	C	T	4	2	2	European	0.75	0.375

PDE11A	chr2	177663937	rs773631747	G	A	3	0	3	European	0.666666667	0.444444444
PDE11A	chr2	177669521	rs142433460	T	A	7	4	3	East Asian	1	0
PDE11A	chr2	177669524	rs911385258	C	T	8	0	8	South Asian	0.875	0.21875
PDE11A	chr2	177669525	rs201342035	G	A	3	1	2	European	0.666666667	0.444444444
PDE11A	chr2	177669537	rs79903863	C	T	3	0	3	Latin American 1	0.666666667	0.444444444
PDE11A	chr2	177669542	rs770658136	A	G	2	1	1	Latin American 1	1	0
PDE11A	chr2	177669558	rs75950476	G	A	4	0	4	South Asian	1	0
PDE11A	chr2	177675484	rs140269105	C	T	51	24	27	Latin American 1	0.509803922	0.567474048
PDE11A	chr2	177680835	rs763032610	T	C	2	0	2	European	1	0
PDE11A	chr2	177680895	rs200101345	G	A	11	3	8	Latin American 1	1	0
PDE11A	chr2	177697353	rs758078572	G	A	2	1	1	AFR	0.5	0.5
PDE11A	chr2	177697410	rs201572288	A	T	42	17	25	East Asian	0.904761905	0.176870748
PDE11A	chr2	177701144	rs144340688	C	T	4	1	3	African American	0.5	0.625
PDE11A	chr2	177711833	rs758968516	C	T	3	2	1	East Asian	1	0
PDE11A	chr2	177711835	rs549731107	G	A	2	0	2	Latin American 2	0.5	0.5
PDE11A	chr2	177711836	rs74666005	C	T	14	3	11	European	1	0
PDE11A	chr2	177711851	rs117534006	C	T	5	2	3	European	0.6	0.48
PDE11A	chr2	177711878	rs754995449	T	C	2	1	1	East Asian	1	0
PDE11A	chr2	177727669	rs201629965	C	T	41	13	28	East Asian	0.902439024	0.182034503
PDE11A	chr2	177727687	rs756945686	C	T	2	0	2	Latin American 2	0.5	0.5
PDE11A	chr2	177727709	rs746483172	G	C	5	2	3	European	0.6	0.56
PDE11A	chr2	177727717	rs146111360	G	C	7	3	4	European	0.857142857	0.244897959
PDE11A	chr2	177727725	rs760731175	C	T	2	1	1	African American	0.5	0.5
PDE11A	chr2	177727726	rs576232838	G	A	2	1	1	East Asian	1	0
PDE11A	chr2	177727728	rs77597060	T	C	34	11	23	European	0.823529412	0.314878893
PDE11A	chr2	177728037	rs149955405	T	C	3	0	3	European	1	0
PDE11A	chr2	177728040	rs189421632	T	C	5	3	2	East Asian	1	0
PDE11A	chr2	177728058	rs775868111	C	A	20	6	14	Latin American 1	0.5	0.58
PDE11A	chr2	177728067	rs748751920	T	C	3	0	3	East Asian	1	0
PDE11A	chr2	177728075	rs777041963	C	T	4	3	1	African American	0.5	0.625
PDE11A	chr2	177728078	rs147026038	A	T	2	1	1	European	1	0
PDE11A	chr2	177728091	rs373487547	T	A	9	2	7	European	1	0
PDE11A	chr2	177728103	rs143303102	C	T	3	0	3	European	0.666666667	0.444444444
PDE11A	chr2	177728106	rs376525903	C	T	3	2	1	European	1	0
PDE11A	chr2	177728136	rs77934668	C	T	99	33	66	European	0.838383838	0.280787675
PDE11A	chr2	177769354	rs78384547	G	A	11	5	6	European	0.909090909	0.165289256
PDE11A	chr2	177769373	chr2_177769373_C_T	C	T	2	1	1	East Asian	0.5	0.5
PDE11A	chr2	177816852	rs1285302796	C	T	2	0	2	Latin American 2	0.5	0.5
PDE11A	chr2	177816858	rs149795546	A	G	45	12	33	European	0.666666667	0.508641975
PDE11A	chr2	177816863	rs148955609	T	C	3	1	2	European	0.666666667	0.444444444
PDE11A	chr2	177816908	rs764684230	A	G	2	0	2	European	1	0
PDE11A	chr2	177816911	rs138427178	A	G	89	28	61	European	0.764044944	0.398687034
PDE11A	chr2	177817861	chr2_177817861_A_C	A	C	3	1	2	East Asian	1	0
PDE11A	chr2	177817904	rs1218757395	C	T	2	1	1	European	1	0
PDE11A	chr2	177820284	chr2_177820284_T_C	T	C	2	1	1	African American	0.5	0.5
PDE11A	chr2	177840257	rs764949656	A	C	3	3	0	European	1	0

PDE11A	chr2	177840264	rs372031081	C	T	3	1	2	African American	0.666666667	0.444444444
PDE11A	chr2	177840265	rs143543408	G	A	5	0	5	Latin American 2	0.8	0.32
PDE11A	chr2	177840267	rs200628959	G	A	24	8	16	East Asian	0.875	0.229166667
PDE11A	chr2	177840285	rs148715964	C	G	6	1	5	African American	1	0
PDE11A	chr2	177840328	rs761976960	T	C	5	0	5	European	1	0
PDE11A	chr2	177840369	rs746228686	A	C	4	1	3	Latin American 2	1	0
PDE11A	chr2	177840370	rs1277892308	T	C	2	0	2	European	0.5	0.5
PDE11A	chr2	177875869	rs142247133	C	G	37	12	25	African American	0.648648649	0.508400292
PDE11A	chr2	177875886	rs773995449	G	C	2	0	2	European	0.5	0.5
PDE11A	chr2	177875892	rs767353102	A	G	3	1	2	European	1	0
PDE11A	chr2	177875892	chr2_177875892_A_T	A	T	3	1	2	European	1	0
PDE11A	chr2	177898062	rs200330914	G	A	15	4	11	Latin American 1	0.666666667	0.444444444
PDE11A	chr2	177905150	rs1342634171	A	G	2	0	2	European	1	0
PDE11A	chr2	177905154	rs560754146	C	T	2	0	2	African American	0.5	0.5
PDE11A	chr2	178014328	rs77477862	C	T	154	56	98	European	0.746753247	0.407488615
PDE11A	chr2	178014337	rs370184249	G	C	2	1	1	African American	1	0
PDE11A	chr2	178014393	chr2_178014393_G_A	G	A	2	0	2	European	1	0
PDE11A	chr2	178014439	rs765054096	T	C	6	0	6	European	1	0
PDE11A	chr2	178014447	rs757918045	T	C	2	0	2	Latin American 1	0.5	0.5
PDE11A	chr2	178071545	rs78328794	T	C	74	22	52	European	0.837837838	0.279401023
PDE11A	chr2	178071667	rs1052271430	G	T	2	0	2	European	0.5	0.5
PDE11A	chr2	178071702	rs374953886	C	T	3	1	2	Latin American 1	0.666666667	0.444444444
PDE11A	chr2	178071706	rs754977043	T	G	2	1	1	European	1	0
PDE11A	chr2	178071730	rs199969326	G	T	5	1	4	East Asian	0.8	0.32
PDE11A	chr2	178071738	rs200771593	C	T	7	1	6	European	0.857142857	0.244897959
PDE11A	chr2	178071743	chr2_178071743_A_T	A	T	2	1	1	European	1	0
PDE11A	chr2	178071773	rs78860696	C	G	5	1	4	European	0.8	0.32
PDE11A	chr2	178071797	chr2_178071797_T_C	T	C	2	1	1	European	1	0
PDE11A	chr2	178071833	rs752822096	C	A	11	0	11	Latin American 1	1	0
PDE11A	chr2	178071833	chr2_178071833_C_T	C	T	4	2	2	East Asian	1	0
PDE11A	chr2	178071834	rs77063376	G	A	386	148	238	East Asian	0.930051813	0.132204891
PDE11A	chr2	178071890	rs1342533522	G	A	2	0	2	South Asian	1	0
PDE11A	chr2	178071941	chr2_178071941_G_C	G	C	2	0	2	Latin American 2	0.5	0.5
PDE11A	chr2	178071945	rs779068288	G	T	2	0	2	Latin American 2	1	0
PDE11A	chr2	178071950	chr2_178071950_G_C	G	C	2	0	2	Latin American 1	1	0
PDE11A	chr2	178071969	chr2_178071969_G_T	G	T	2	0	2	European	1	0
PDE11A	chr2	178071980	rs1442555490	C	T	2	0	2	European	1	0
PDE11A	chr2	178071981	rs762405282	G	C	4	0	4	South Asian	1	0
PDE11A	chr2	178072010	rs1365950504	G	A	2	1	1	African American	0.5	0.5
PDE11A	chr2	178072067	rs149522660	C	G	5	1	4	European	1	0
PDE11A	chr2	178072083	rs772856006	T	G	4	1	3	African American	0.75	0.375
PDE11A	chr2	178072133	rs201934930	C	A	11	3	8	East Asian	1	0
PDE11A	chr2	178072209	rs777448999	C	T	37	1	36	Latin American 2	0.864864865	0.233747261
PDE11A	chr2	178072283	rs77972073	C	G	95	31	64	European	0.8	0.345263158
PDE11A	chr2	178072307	rs1419449582	T	C	2	1	1	European	1	0
PDE11A	chr2	178072342	rs201781409	C	A	9	4	5	European	1	0

PDE11A	chr2	178072350	rs765545285	C	CGAfrican Ar	2	1	1	European	1	0
PDE11A	chr2	178072397	rs201362232	A	T	4	1	3	European	1	0
PDE11A	chr2	178072410	rs778584662	C	T	2	0	2	European	0.5	0.5
TMEM158	chr3	45225155	rs1386737848	CGCGGCGGCG	C	7	0	7	South Asian	0.571428571	0.571428571
TMEM158	chr3	45225155	rs757666673	CGCGGCGGCG	C	4	1	3	European	0.75	0.375
TMEM158	chr3	45225170	rs898811347	AGCGGCGGCG	A	2	0	2	European	0.5	0.5
TMEM158	chr3	45225170	rs1292105843	AGCGGCG	A	2	2	0	European	0.5	0.5
TMEM158	chr3	45225170	rs1239506125	A	AGCG	20	7	13	European	0.5	0.615
TMEM158	chr3	45225170	chr3_45225170_AGCG_A	AGCG	A	9	3	6	European	1	0
TMEM158	chr3	45225170	chr3_45225170_A_AGCGGC	A	AGCGGCG	2	0	2	African American	0.5	0.5
TMEM158	chr3	45225170	chr3_45225170_A_AGCGGC	A	AGCGGCGGC	2	0	2	Latin American 2	1	0
TMEM158	chr3	45225205	rs958608517	C	A	4	2	2	European	0.5	0.625
TMEM158	chr3	45225229	rs1475438196	C	T	2	1	1	European	1	0
TMEM158	chr3	45225486	rs745359034	G	A	28	8	20	European	0.964285714	0.068877551
TMEM158	chr3	45225495	rs540882568	G	C	88	36	52	African American	0.352272727	0.736311983
TMEM158	chr3	45225522	rs1009277676	GTGGCGGCGG	G	23	5	18	European	0.434782609	0.688090737
TMEM158	chr3	45225523	rs1312236292	TGGCGGCGGC	T	46	17	29	South Asian	0.347826087	0.717391304
TMEM158	chr3	45225523	rs1227765614	T	TGGCGGC	2	0	2	African American	0.5	0.5
TMEM158	chr3	45225526	rs1464349858	CGGCGGCGGC	C	15	2	13	South Asian	0.8	0.337777778
TMEM158	chr3	45225536	chr3_45225536_G_T	G	T	2	0	2	East Asian	1	0
TMEM158	chr3	45225556	rs1273128253	G	A	7	2	5	Latin American 2	0.714285714	0.448979592
TMEM158	chr3	45225621	rs1236852871	G	A	2	2	0	European	1	0
TMEM158	chr3	45225666	rs1215510178	C	A	2	0	2	AFR	0.5	0.5
TMEM158	chr3	45225685	rs1470317573	C	A	2	0	2	European	1	0
TMEM158	chr3	45225690	chr3_45225690_A_T	A	T	2	0	2	European	1	0
TMEM158	chr3	45225740	rs1014160296	G	C	13	2	11	Latin American 2	0.692307692	0.426035503
TMEM158	chr3	45225756	rs1467969018	C	A	2	0	2	South Asian	1	0
TMEM158	chr3	45225810	rs1200630291	G	C	3	1	2	European	1	0
TMEM158	chr3	45225811	rs1476640695	GCGC	G	5	3	2	European	1	0
TMEM158	chr3	45225811	rs958104992	G	GCGC	6	0	6	Latin American 2	0.833333333	0.277777778
TMEM158	chr3	45225837	rs1257264354	G	A	2	0	2	European	0.5	0.5
TMEM158	chr3	45225912	rs1356011494	G	A	5	4	1	East Asian	1	0
TMEM158	chr3	45225928	chr3_45225928_T_C	T	C	2	0	2	Latin American 2	1	0
TMEM158	chr3	45225951	rs878864068	G	C	22	7	15	East Asian	0.818181818	0.309917355
TMEM158	chr3	45225956	chr3_45225956_G_C	G	C	2	0	2	African American	1	0
TMEM158	chr3	45225957	chr3_45225957_T_G	T	G	457	61	396	European	0.557986871	0.629124391
TMEM158	chr3	45225958	chr3_45225958_C_G	C	G	52	8	44	European	0.461538462	0.654585799
TMEM158	chr3	45225967	rs894114728	C	G	2	0	2	Latin American 2	0.5	0.5
TMEM158	chr3	45225973	chr3_45225973_G_C	G	C	3	0	3	African American	0.333333333	0.666666667
TMEM158	chr3	45225991	chr3_45225991_A_C	A	C	65	10	55	European	0.476923077	0.710532544
TMEM158	chr3	45226002	rs949774187	A	C	27	5	22	European	0.444444444	0.716049383
ATP13A5	chr3	193275131	rs114013184	C	T	44	13	31	African American	0.568181818	0.56714876
ATP13A5	chr3	193275141	rs201331139	G	C	11	4	7	Latin American 1	0.727272727	0.396694215
ATP13A5	chr3	193275172	rs755766325	G	A	2	1	1	East Asian	1	0
ATP13A5	chr3	193275196	rs575706144	G	A	2	1	1	European	1	0
ATP13A5	chr3	193275198	rs200117973	G	C	12	2	10	European	0.75	0.402777778

ATP13A5	chr3	193275213	rs536822723	C	G	15	0	15	South Asian	1	0
ATP13A5	chr3	193275238	rs565215646	T	C	72	30	42	Latin American 1	0.625	0.533950617
ATP13A5	chr3	193275257	rs1461567097	C	G	2	2	0	Latin American 1	1	0
ATP13A5	chr3	193276811	rs762089471	G	A	5	1	4	European	0.4	0.64
ATP13A5	chr3	193279373	rs765570766	C	A	3	1	2	Latin American 2	1	0
ATP13A5	chr3	193279377	rs762477750	G	A	4	2	2	Latin American 1	0.75	0.375
ATP13A5	chr3	193279410	rs1482313543	A	T	3	1	2	African American	0.666666667	0.444444444
ATP13A5	chr3	193279415	rs144724475	G	T	3	1	2	European	1	0
ATP13A5	chr3	193279422	rs1244361447	C	A	3	2	1	European	1	0
ATP13A5	chr3	193284919	rs375097758	G	A	2	0	2	African American	0.5	0.5
ATP13A5	chr3	193284934	rs764104661	C	T	2	0	2	European	0.5	0.5
ATP13A5	chr3	193284983	rs6787746	T	C	225	74	151	African American	0.564444444	0.574775309
ATP13A5	chr3	193285017	rs760237068	A	T	3	0	3	East Asian	1	0
ATP13A5	chr3	193285095	rs145171636	T	G	123	48	75	African American	0.479674797	0.640491771
ATP13A5	chr3	193289924	rs149431762	A	T	16	3	13	European	0.9375	0.1171875
ATP13A5	chr3	193289943	rs191987914	T	A	4	1	3	East Asian	0.75	0.375
ATP13A5	chr3	193289944	rs182661663	C	G	14	2	12	African American	0.928571429	0.132653061
ATP13A5	chr3	193289988	rs766248821	G	C	7	1	6	Latin American 1	1	0
ATP13A5	chr3	193290011	rs538741347	C	T	2	0	2	African American	1	0
ATP13A5	chr3	193299167	rs143912053	G	T	242	76	166	African American	0.524793388	0.596646404
ATP13A5	chr3	193301249	rs200528703	C	T	4	3	1	European	1	0
ATP13A5	chr3	193301257	rs147279605	G	A	2	2	0	European	1	0
ATP13A5	chr3	193301279	rs140697178	A	C	2	0	2	European	1	0
ATP13A5	chr3	193301288	rs545966151	C	T	11	3	8	Latin American 1	0.909090909	0.165289256
ATP13A5	chr3	193301290	rs778021933	A	C	6	1	5	African American	0.5	0.5
ATP13A5	chr3	193301293	rs553813639	G	C	2	1	1	European	0.5	0.5
ATP13A5	chr3	193305601	rs760012300	G	A	4	2	2	European	1	0
ATP13A5	chr3	193305649	rs752423970	G	T	2	1	1	Latin American 2	0.5	0.5
ATP13A5	chr3	193305658	rs149959340	G	A	5	2	3	Latin American 2	0.4	0.72
ATP13A5	chr3	193307359	rs1282623128	C	G	2	0	2	European	1	0
ATP13A5	chr3	193310663	rs372746599	G	T	5	2	3	European	0.8	0.32
ATP13A5	chr3	193311887	rs760725199	A	G	10	0	10	South Asian	1	0
ATP13A5	chr3	193311904	rs368258320	C	A	2	1	1	European	1	0
ATP13A5	chr3	193311926	rs145000399	T	C	61	18	43	European	0.704918033	0.457403924
ATP13A5	chr3	193311936	rs115289476	G	C	76	27	49	African American	0.565789474	0.595221607
ATP13A5	chr3	193314110	rs79270190	C	T	37	10	27	European	0.540540541	0.57706355
ATP13A5	chr3	193314128	rs757084912	C	G	2	0	2	South Asian	1	0
ATP13A5	chr3	193314140	rs1372027176	G	C	3	1	2	East Asian	1	0
ATP13A5	chr3	193314996	rs150934081	G	A	75	22	53	African American	0.453333333	0.631822222
ATP13A5	chr3	193315043	rs74478656	C	T	399	146	253	European	0.731829574	0.434683199
ATP13A5	chr3	193315044	rs150495266	G	A	19	6	13	European	0.684210526	0.48199446
ATP13A5	chr3	193315049	rs187199317	T	A	22	3	19	Latin American 2	0.727272727	0.396694215
ATP13A5	chr3	193315056	rs750585678	TGAG	T	14	10	4	Latin American 1	0.5	0.673469388
ATP13A5	chr3	193319022	rs144655859	C	T	2	2	0	African American	0.5	0.5
ATP13A5	chr3	193319057	rs370727916	C	T	2	0	2	European	0.5	0.5
ATP13A5	chr3	193319058	rs201429023	G	A	6	3	3	European	0.5	0.666666667

ATP13A5	chr3	193319075	rs763104139	T	C	6	3	3	European	1	0
ATP13A5	chr3	193319105	rs74371245	G	A	148	57	91	European	0.864864865	0.246895544
ATP13A5	chr3	193321743	rs149246060	T	G	5	4	1	East Asian	1	0
ATP13A5	chr3	193321755	chr3_193321755_G_C	G	C	2	0	2	South Asian	1	0
ATP13A5	chr3	193321765	rs143477252	C	T	28	11	17	African American	0.5	0.56122449
ATP13A5	chr3	193321787	rs541864223	G	C	3	0	3	South Asian	1	0
ATP13A5	chr3	193321800	rs139155353	G	A	9	6	3	European	1	0
ATP13A5	chr3	193322534	rs199624603	G	A	6	1	5	European	0.5	0.666666667
ATP13A5	chr3	193322559	rs780295022	T	C	3	2	1	European	1	0
ATP13A5	chr3	193324929	rs140058809	T	C	45	20	25	East Asian	1	0
ATP13A5	chr3	193324943	rs759042086	C	G	86	5	81	European	1	0
ATP13A5	chr3	193324944	rs767260419	T	G	85	5	80	European	1	0
ATP13A5	chr3	193324956	rs778615820	C	T	2	1	1	East Asian	1	0
ATP13A5	chr3	193331133	rs141636662	C	T	13	5	8	African American	0.538461538	0.556213018
ATP13A5	chr3	193331152	rs149638612	C	T	2	0	2	African American	1	0
ATP13A5	chr3	193331156	rs1243589122	C	A	6	3	3	East Asian	1	0
ATP13A5	chr3	193331185	rs75032809	A	C	99	33	66	East Asian	0.888888889	0.20140802
ATP13A5	chr3	193331239	rs1243618007	C	A	2	1	1	European	1	0
ATP13A5	chr3	193331257	rs372215216	G	T	3	1	2	African American	1	0
ATP13A5	chr3	193331266	rs138137992	C	T	9	3	6	African American	0.777777778	0.37037037
ATP13A5	chr3	193331271	rs767801283	A	T	5	2	3	Latin American 1	0.8	0.32
ATP13A5	chr3	193331293	rs1360478948	C	A	2	0	2	European	1	0
ATP13A5	chr3	193333763	rs780118780	T	C	5	1	4	Latin American 2	0.4	0.72
ATP13A5	chr3	193333772	rs1183145231	A	G	3	0	3	African American	0.666666667	0.444444444
ATP13A5	chr3	193333778	rs376836714	T	C	2	1	1	Latin American 1	1	0
ATP13A5	chr3	193333787	chr3_193333787_C_A	C	A	2	1	1	European	1	0
ATP13A5	chr3	193333805	rs1468847477	G	A	2	1	1	Latin American 2	1	0
ATP13A5	chr3	193333815	rs147789936	C	T	4	0	4	South Asian	1	0
ATP13A5	chr3	193333818	rs754945295	T	C	2	2	0	East Asian	1	0
ATP13A5	chr3	193333835	rs138727987	C	T	75	23	52	European	0.746666667	0.424888889
ATP13A5	chr3	193333859	rs776857987	C	T	2	0	2	African American	0.5	0.5
ATP13A5	chr3	193334941	rs370567338	C	T	5	2	3	European	1	0
ATP13A5	chr3	193334949	rs372618344	C	T	5	1	4	African American	0.4	0.64
ATP13A5	chr3	193335013	rs75931190	T	C	554	160	394	African American	0.559566787	0.59220764
ATP13A5	chr3	193335040	rs201429261	T	C	4	2	2	European	0.75	0.375
ATP13A5	chr3	193335048	rs771278274	A	T	3	2	1	European	0.666666667	0.444444444
ATP13A5	chr3	193335076	rs566822422	T	C	7	0	7	South Asian	1	0
ATP13A5	chr3	193343951	rs371940596	C	T	4	2	2	European	0.5	0.625
ATP13A5	chr3	193343957	rs779330125	T	C	2	1	1	Latin American 2	1	0
ATP13A5	chr3	193343983	rs144965247	G	A	15	3	12	African American	0.8	0.337777778
ATP13A5	chr3	193343984	rs946523298	G	A	2	0	2	European	0.5	0.5
ATP13A5	chr3	193344020	rs147928745	C	T	8	1	7	African American	0.375	0.65625
ATP13A5	chr3	193344034	rs148990571	C	T	10	6	4	African American	0.7	0.46
ATP13A5	chr3	193344035	rs372925735	G	A	3	0	3	African American	0.333333333	0.666666667
ATP13A5	chr3	193345015	rs1280152650	C	T	2	2	0	African American	0.5	0.5
ATP13A5	chr3	193345062	rs1272126165	A	G	2	1	1	European	1	0

ATP13A5	chr3	193351107	rs770956404	G	C	3	1	2	African American	0.666666667	0.444444444
ATP13A5	chr3	193351133	chr3_193351133_T_G	T	G	2	1	1	European	1	0
ATP13A5	chr3	193351146	rs750007232	T	C	9	3	6	East Asian	1	0
ATP13A5	chr3	193351187	rs1330884579	G	T	4	2	2	Latin American 1	1	0
ATP13A5	chr3	193354135	rs374609371	C	G	2	1	1	African American	1	0
ATP13A5	chr3	193354175	rs141850010	G	T	68	30	38	African American	0.705882353	0.430795848
ATP13A5	chr3	193362429	rs138006161	A	C	53	1	52	South Asian	1	0
ATP13A5	chr3	193362583	rs149501118	G	A	8	2	6	African American	0.75	0.375
ATP13A5	chr3	193363279	rs776540812	C	T	2	1	1	East Asian	0.5	0.5
ATP13A5	chr3	193363301	rs201387347	C	T	210	80	130	European	0.642857143	0.512290249
ATP13A5	chr3	193363306	rs192753632	T	C	19	7	12	African American	0.421052632	0.64265928
ATP13A5	chr3	193363316	rs368981593	C	T	8	5	3	European	1	0
ATP13A5	chr3	193363360	rs778680911	C	T	3	3	0	European	0.666666667	0.444444444
ATP13A5	chr3	193363380	chr3_193363380_G_C	G	C	2	0	2	European	1	0
ATP13A5	chr3	193363380	chr3_193363380_G_T	G	T	2	0	2	European	1	0
ATP13A5	chr3	193364162	rs560977025	GCCCACA	G	218	85	133	Latin American 1	0.54587156	0.577308307
ATP13A5	chr3	193364187	rs149162434	A	G	16	3	13	African American	0.625	0.5546875
ATP13A5	chr3	193364220	rs76759970	G	T	69	21	48	East Asian	0.913043478	0.15879017
ATP13A5	chr3	193364223	rs146780815	C	T	10	1	9	African American	0.8	0.34
ATP13A5	chr3	193364249	rs200695101	C	T	19	5	14	Latin American 1	0.473684211	0.614958449
ATP13A5	chr3	193364250	rs148527761	G	A	2	0	2	African American	1	0
ATP13A5	chr3	193364264	rs78621247	C	T	2	1	1	East Asian	0.5	0.5
ATP13A5	chr3	193364265	rs757435375	G	A	2	1	1	Latin American 2	1	0
ATP13A5	chr3	193364268	rs750506473	A	G	3	1	2	African American	1	0
ATP13A5	chr3	193378685	rs372420123	T	C	3	0	3	East Asian	0.333333333	0.666666667
TREM2	chr6	41158768	rs368921728	G	A	15	5	10	Latin American 1	0.866666667	0.24
TREM2	chr6	41158881	rs138355759	G	A	42	2	40	South Asian	0.69047619	0.477324263
TREM2	chr6	41158975	rs150277350	C	T	17	5	12	East Asian	0.529411765	0.615916955
TREM2	chr6	41158996	chr6_41158996_T_C	T	C	2	2	0	Latin American 1	1	0
TREM2	chr6	41159016	chr6_41159016_A_G	A	G	2	0	2	East Asian	1	0
TREM2	chr6	41159039	rs138788407	G	C	6	4	2	African American	0.833333333	0.277777778
TREM2	chr6	41159063	rs371702633	G	C	5	3	2	European	1	0
TREM2	chr6	41159805	rs2234255	G	A	449	133	316	Latin American 2	0.503340757	0.647576153
TREM2	chr6	41159823	rs79011726	C	T	25	10	15	Latin American 1	0.52	0.624
TREM2	chr6	41159865	rs758428150	C	T	2	1	1	African American	1	0
TREM2	chr6	41159867	rs149622783	C	T	12	4	8	European	0.75	0.402777778
TREM2	chr6	41159868	rs772641807	G	A	8	4	4	European	0.625	0.53125
TREM2	chr6	41159882	rs762052858	T	C	4	2	2	European	1	0
TREM2	chr6	41161340	rs145080901	G	A	9	6	3	European	0.888888889	0.197530864
TREM2	chr6	41161347	chr6_41161347_G_A	G	A	2	0	2	East Asian	1	0
TREM2	chr6	41161350	rs1173985669	G	T	2	2	0	Latin American 2	1	0
TREM2	chr6	41161362	rs147564421	G	A	20	7	13	Latin American 1	0.6	0.585
TREM2	chr6	41161367	chr6_41161367_G_A	G	A	24	10	14	African American	0.833333333	0.295138889
TREM2	chr6	41161450	rs753372932	G	C	2	0	2	European	1	0
TREM2	chr6	41161454	chr6_41161454_T_C	T	C	2	0	2	AFR	1	0
TREM2	chr6	41161457	rs201258663	G	A	4	4	0	African American	0.5	0.5

TREM2	chr6	41161470	rs201258314	G	A	9	6	3	European	1	0
TREM2	chr6	41161499	rs374851046	C	T	2	1	1	European	0.5	0.5
TREM2	chr6	41161514	rs75932628	C	T	274	135	139	European	0.824817518	0.310432095
TREM2	chr6	41161537	rs200392967	G	C	4	1	3	European	1	0
TREM2	chr6	41161562	rs746216516	G	A	2	1	1	European	1	0
TREM2	chr6	41161571	rs2234252	G	A	40	12	28	Latin American 1	0.8	0.33625
TREM2	chr6	41161575	rs768745050	C	T	8	5	3	East Asian	0.375	0.71875
TREM2	chr6	41161599	rs764738032	G	A	2	0	2	European	1	0
TREM2	chr6	41163069	rs146485698	C	T	7	3	4	African American	0.428571429	0.734693878
ULBP2	chr6	149942088	rs778314792	G	A	12	6	6	Latin American 1	0.666666667	0.444444444
ULBP2	chr6	149942089	rs752047411	C	T	13	6	7	Latin American 1	0.615384615	0.520710059
ULBP2	chr6	149942095	rs748819035	A	G	12	6	6	Latin American 1	0.666666667	0.444444444
ULBP2	chr6	149942142	chr6_149942142_C_G	C	G	2	0	2	European	0.5	0.5
ULBP2	chr6	149942151	rs200438471	C	G	131	11	120	European	0.984732824	0.030184721
ULBP2	chr6	149945316	rs780827241	C	G	6	2	4	European	0.666666667	0.5
ULBP2	chr6	149945317	rs368577099	T	G	358	106	252	African American	0.594972067	0.557129927
ULBP2	chr6	149945329	rs200418864	G	T	6	0	6	South Asian	1	0
ULBP2	chr6	149945338	rs149841016	G	A	7	3	4	Latin American 1	0.428571429	0.693877551
ULBP2	chr6	149945356	rs146890769	C	T	38	8	30	AFR	0.368421053	0.680055402
ULBP2	chr6	149945365	rs1213051988	C	T	2	0	2	European	0.5	0.5
ULBP2	chr6	149945372	rs773447595	G	A	2	1	1	African American	0.5	0.5
ULBP2	chr6	149945375	rs371185580	C	T	7	1	6	Latin American 1	0.571428571	0.612244898
ULBP2	chr6	149945377	rs367657698	G	A	89	30	59	Latin American 1	0.426966292	0.648150486
ULBP2	chr6	149945388	rs1380842263	G	C	2	1	1	Latin American 2	1	0
ULBP2	chr6	149945390	rs767264674	T	A	9	2	7	European	1	0
ULBP2	chr6	149945402	rs1342978408	C	G	2	1	1	East Asian	0.5	0.5
ULBP2	chr6	149945423	rs137925921	G	A	31	10	21	African American	0.548387097	0.613943809
ULBP2	chr6	149945426	rs753783039	A	G	79	33	46	East Asian	0.848101266	0.2669444
ULBP2	chr6	149945432	rs755018486	C	G	2	0	2	East Asian	0.5	0.5
ULBP2	chr6	149945443	rs181078670	G	A	169	52	117	African American	0.568047337	0.587164315
ULBP2	chr6	149945449	rs760013957	C	A	39	16	23	European	0.871794872	0.228796844
ULBP2	chr6	149945471	rs750021812	T	G	62	15	47	African American	0.596774194	0.555671176
ULBP2	chr6	149945477	rs760272835	C	T	5	0	5	Latin American 2	0.4	0.64
ULBP2	chr6	149945504	rs143300988	T	C	3	0	3	African American	0.333333333	0.666666667
ULBP2	chr6	149945537	rs565934851	T	C	2	0	2	South Asian	1	0
ULBP2	chr6	149945540	rs144855877	G	T	494	134	360	African American	0.362348178	0.763592257
ULBP2	chr6	149945561	rs568267792	A	T	7	3	4	East Asian	1	0
ULBP2	chr6	149945564	rs78868048	C	T	171	54	117	African American	0.567251462	0.590061899
ULBP2	chr6	149945567	rs1204846388	C	A	3	1	2	European	1	0
ULBP2	chr6	149946384	rs200650236	T	C	26	8	18	African American	0.5	0.594674556
ULBP2	chr6	149946426	chr6_149946426_G_GTTT	G	GTTT	2	0	2	Latin American 1	1	0
ULBP2	chr6	149946437	chr6_149946437_T_G	T	G	2	0	2	Latin American 1	1	0
ULBP2	chr6	149946449	rs759023936	T	A	7	3	4	European	0.714285714	0.408163265
ULBP2	chr6	149946452	rs147343823	G	A	2	1	1	African American	0.5	0.5
ULBP2	chr6	149946461	rs768293463	A	T	14	6	8	Latin American 1	1	0
ULBP2	chr6	149946480	rs753969858	C	T	5	4	1	European	1	0

ULBP2	chr6	149946491	rs534675558	A	G	4	0	4	African American	1	0
ULBP2	chr6	149946501	rs139052742	C	T	65	24	41	Latin American 1	0.569230769	0.565680473
ULBP2	chr6	149946507	chr6_149946507_A_C	A	C	2	2	0	European	1	0
ULBP2	chr6	149946535	rs192707406	G	T	10	3	7	South Asian	0.4	0.7
ULBP2	chr6	149946552	rs537356181	T	A	3	0	3	South Asian	0.666666667	0.444444444
ULBP2	chr6	149946575	rs557480807	T	A	5	2	3	African American	0.4	0.64
ULBP2	chr6	149946624	rs1266271221	T	C	2	2	0	African American	0.5	0.5
ULBP2	chr6	149946641	rs148767984	C	A	11	2	9	Latin American 1	0.545454545	0.495867769
ULBP2	chr6	149947332	rs1162716831	T	A	2	1	1	European	1	0
ULBP2	chr6	149947379	rs1259510402	C	T	282	85	197	African American	0.585106383	0.558120819
ULBP2	chr6	149947389	rs1198627148	T	G	2	0	2	European	1	0
ULBP2	chr6	149947424	chr6_149947424_A_T	A	T	4	2	2	Latin American 1	0.75	0.375
RASA4CP	chr7	44029458	rs1015598835	G	A	3	0	3	Latin American 1	0.666666667	0.444444444
RASA4CP	chr7	44029463	rs1190899146	C	A	2	0	2	Latin American 1	0.5	0.5
RASA4CP	chr7	44029633	rs747732387	T	G	2	1	1	Latin American 2	1	0
RASA4CP	chr7	44029636	rs1389461689	G	A	3	1	2	East Asian	1	0
RASA4CP	chr7	44030902	rs1246313173	C	T	3	0	3	East Asian	1	0
RASA4CP	chr7	44034170	rs746498395	T	A	3	2	1	East Asian	1	0
RASA4CP	chr7	44034316	rs1474901219	A	C	2	0	2	European	0.5	0.5
RASA4CP	chr7	44036664	rs202203362	C	T	121	35	86	European	0.454545455	0.694078273
RASA4CP	chr7	44036665	rs535867462	C	T	41	14	27	African American	0.512195122	0.625817965
RASA4CP	chr7	44036668	rs753275741	G	A	156	22	134	European	0.935897436	0.123109796
RASA4CP	chr7	44036816	rs776338291	C	T	2	2	0	European	1	0
RASA4CP	chr7	44038983	rs750857927	G	A	10	4	6	European	0.6	0.48
RASA4CP	chr7	44038988	rs531889388	G	C	37	18	19	European	0.837837838	0.287801315
RASA4CP	chr7	44038989	chr7_44038989_G_A	G	A	2	2	0	European	1	0
RASA4CP	chr7	44039512	rs769466220	C	G	7	1	6	Latin American 1	1	0
RASA4CP	chr7	44039513	chr7_44039513_G_A	G	A	3	1	2	Latin American 1	1	0
RASA4CP	chr7	44039514	rs774922200	C	T	2	1	1	European	1	0
RASA4CP	chr7	44039665	rs561383481	T	C	231	75	156	African American	0.497835498	0.626899796
RASA4CP	chr7	44039674	rs1400748461	C	T	2	2	0	African American	1	0
RASA4CP	chr7	44039677	rs1228782778	C	T	3	0	3	South Asian	1	0
RASA4CP	chr7	44039678	rs777035110	A	G	5	0	5	South Asian	1	0
RASA4CP	chr7	44039679	rs531700145	G	T	23	5	18	Latin American 1	0.52173913	0.536862004
GPC2	chr7	100170238	rs1229985251	G	A	2	2	0	European	0.5	0.5
GPC2	chr7	100170271	rs201638394	T	A	27	5	22	European	0.925925926	0.137174211
GPC2	chr7	100170306	rs1048208880	C	T	2	0	2	African American	0.5	0.5
GPC2	chr7	100170310	rs377442808	C	G	12	3	9	AFR	0.416666667	0.680555556
GPC2	chr7	100170310	chr7_100170310_C_T	C	T	2	0	2	Latin American 1	1	0
GPC2	chr7	100170321	rs753178254	C	T	2	0	2	Latin American 2	0.5	0.5
GPC2	chr7	100170322	rs372657078	G	A	4	1	3	European	0.75	0.375
GPC2	chr7	100170336	rs754257278	C	T	4	2	2	European	0.5	0.625
GPC2	chr7	100170385	rs776706956	G	A	2	0	2	European	0.5	0.5
GPC2	chr7	100170420	rs760655243	A	C	5	0	5	European	0.4	0.64
GPC2	chr7	100170474	rs199992794	G	A	15	8	7	East Asian	1	0
GPC2	chr7	100170483	rs146672512	T	C	2	1	1	European	1	0

GPC2	chr7	100171265	chr7_100171265_G_T	G	T	3	2	1	European	1	0
GPC2	chr7	100171301	chr7_100171301_T_G	T	G	594	90	504	European	0.535353535	0.617006201
GPC2	chr7	100171320	rs766096655	G	T	2	0	2	Latin American 1	0.5	0.5
GPC2	chr7	100171339	rs752689029	G	C	2	0	2	African American	1	0
GPC2	chr7	100171344	rs202046333	C	T	2	1	1	European	1	0
GPC2	chr7	100171546	rs565300517	G	A	11	4	7	Latin American 1	0.818181818	0.297520661
GPC2	chr7	100171569	rs368040702	G	A	36	10	26	European	0.527777778	0.546296296
GPC2	chr7	100171579	rs748268440	G	T	3	1	2	European	1	0
GPC2	chr7	100171581	rs769842519	G	A	2	1	1	European	1	0
GPC2	chr7	100171594	rs774523896	C	T	2	0	2	African American	0.5	0.5
GPC2	chr7	100171624	rs753842098	A	G	3	2	1	African American	1	0
GPC2	chr7	100171627	rs757074443	G	C	4	1	3	European	1	0
GPC2	chr7	100171824	rs746323875	C	G	3	2	1	European	1	0
GPC2	chr7	100171861	rs776341060	C	G	5	2	3	East Asian	1	0
GPC2	chr7	100171894	rs759375084	A	C	5	3	2	African American	0.8	0.32
GPC2	chr7	100171904	rs957180086	G	C	2	2	0	Latin American 1	1	0
GPC2	chr7	100171907	rs757303451	G	T	3	3	0	European	0.666666667	0.444444444
GPC2	chr7	100172115	chr7_100172115_T_C	T	C	4	1	3	European	1	0
GPC2	chr7	100172128	chr7_100172128_A_C	A	C	5	3	2	European	0.4	0.64
GPC2	chr7	100173894	rs756842148	T	C	2	1	1	European	1	0
GPC2	chr7	100173907	rs745448053	C	T	2	0	2	South Asian	1	0
GPC2	chr7	100173916	rs371965009	G	T	2	1	1	African American	0.5	0.5
GPC2	chr7	100173918	rs199810091	A	G	8	3	5	European	0.625	0.46875
GPC2	chr7	100173936	rs781076566	C	T	4	0	4	European	0.5	0.625
GPC2	chr7	100173946	rs759714335	G	A	7	3	4	East Asian	1	0
GPC2	chr7	100173952	rs371635224	C	T	3	1	2	European	0.666666667	0.444444444
GPC2	chr7	100173960	rs113203779	C	T	5	2	3	European	0.6	0.48
GPC2	chr7	100173991	rs200632076	C	A	4	3	1	Latin American 1	1	0
GPC2	chr7	100173993	rs143363643	G	A	5	3	2	European	0.6	0.56
GPC2	chr7	100174696	rs199607762	C	T	3	2	1	European	0.666666667	0.444444444
GPC2	chr7	100174740	rs781182638	C	G	2	1	1	European	0.5	0.5
GPC2	chr7	100174744	rs141675739	C	T	2	0	2	Latin American 1	1	0
GPC2	chr7	100175585	rs749760530	C	T	3	1	2	European	0.666666667	0.444444444
GPC2	chr7	100175588	rs147028529	C	T	6	1	5	European	0.833333333	0.277777778
GPC2	chr7	100175588	chr7_100175588_C_A	C	A	3	0	3	African American	0.333333333	0.666666667
GPC2	chr7	100175589	rs533621775	G	A	2	0	2	Latin American 1	1	0
GPC2	chr7	100175615	rs186452595	G	A	2	1	1	East Asian	1	0
GPC2	chr7	100175664	rs777839211	G	C	13	2	11	Latin American 2	0.461538462	0.568047337
GPC2	chr7	100175729	rs768056762	G	A	3	0	3	African American	0.333333333	0.666666667
GPC2	chr7	100175729	chr7_100175729_G_T	G	T	2	1	1	Latin American 1	1	0
GPC2	chr7	100175768	rs200319192	A	C	5	2	3	European	0.6	0.48
GPC2	chr7	100175792	rs1347042936	C	T	4	1	3	South Asian	0.75	0.375
GPC2	chr7	100175807	chr7_100175807_G_C	G	C	12	5	7	European	0.5	0.680555556
GPC2	chr7	100175808	rs138111557	C	T	27	5	22	African American	0.62962963	0.53223594
GPC2	chr7	100175820	rs118178297	A	G	8	3	5	European	0.875	0.21875
GPC2	chr7	100175825	rs139852269	C	T	5	1	4	European	0.6	0.48

GPC2	chr7	100176326	chr7_100176326_C_T	C	T	5	2	3	Latin American 1	1	0
GPC2	chr7	100176339	rs201453724	C	G	13	9	4	European	1	0
GPC2	chr7	100176341	rs1243786146	T	G	2	2	0	African American	1	0
GPC2	chr7	100176351	rs146171263	C	T	81	22	59	Latin American 1	0.666666667	0.486511203
GPC2	chr7	100177079	rs775950099	C	T	2	1	1	Latin American 2	1	0
GPC2	chr7	100177139	rs747961336	C	T	2	0	2	African American	1	0
GPC2	chr7	100177145	rs151114110	C	G	2	1	1	European	1	0
GPC2	chr7	100177184	rs762233816	G	A	2	0	2	South Asian	1	0
GPC2	chr7	100177192	rs138935052	G	C	5	2	3	European	1	0
PPP2R2D	chr10	131901157	chr10_131901157_T_G	T	G	183	29	154	European	0.442622951	0.689480128
PPP2R2D	chr10	131901158	chr10_131901158_G_A	G	A	2	2	0	African American	1	0
PPP2R2D	chr10	131901159	chr10_131901159_A_C	A	C	25	4	21	European	0.4	0.7168
PPP2R2D	chr10	131901221	rs1415576080	C	A	3	0	3	African American	0.666666667	0.444444444
PPP2R2D	chr10	131901222	rs1169582352	C	G	24	0	24	South Asian	1	0
PPP2R2D	chr10	131901224	rs1241326651	C	A	4	1	3	European	1	0
PPP2R2D	chr10	131901225	rs1463689338	G	A	3	1	2	Latin American 2	0.666666667	0.444444444
PPP2R2D	chr10	131901226	rs1255180942	T	G	426	88	338	European	0.492957746	0.666380127
PPP2R2D	chr10	131901227	chr10_131901227_T_G	T	G	158	20	138	European	0.544303797	0.601426054
PPP2R2D	chr10	131901229	chr10_131901229_T_G	T	G	48	8	40	European	0.458333333	0.642361111
PPP2R2D	chr10	131940015	rs371185897	T	G	3	2	1	African American	0.333333333	0.666666667
PPP2R2D	chr10	131940204	rs979868985	T	C	2	0	2	European	1	0
PPP2R2D	chr10	131940698	rs148713648	C	T	308	82	226	European	0.753246753	0.413455051
PPP2R2D	chr10	131940701	rs373556871	G	A	53	22	31	European	0.849056604	0.268422926
PPP2R2D	chr10	131945283	rs373671764	A	G	18	12	6	European	0.611111111	0.580246914
PPP2R2D	chr10	131945291	rs782300124	C	G	10	6	4	European	1	0
PPP2R2D	chr10	131945467	rs772281623	C	T	2	1	1	African American	0.5	0.5
PPP2R2D	chr10	131947518	rs374297211	T	C	3	1	2	European	0.333333333	0.666666667
PPP2R2D	chr10	131901149	chr10_131901149_A_C	A	C	246	33	213	European	0.508130081	0.667030207
DEAF1	chr11	644561	rs148729216	C	T	11	5	6	European	1	0
DEAF1	chr11	644568	rs79183202	C	G	199	77	122	East Asian	0.954773869	0.086765486
DEAF1	chr11	644600	chr11_644600_C_T	C	T	2	0	2	Native American	1	0
DEAF1	chr11	644608	rs111947578	G	C	17	6	11	European	0.941176471	0.110726644
DEAF1	chr11	644614	rs34114147	G	C	553	165	388	European	0.571428571	0.593501172
DEAF1	chr11	644621	rs748500387	A	C	3	1	2	European	1	0
DEAF1	chr11	653967	rs147630756	G	A	4	1	3	Latin American 2	0.5	0.625
DEAF1	chr11	654029	rs193920740	C	T	3	0	3	European	1	0
DEAF1	chr11	654030	rs368021470	G	A	2	0	2	European	0.5	0.5
DEAF1	chr11	654042	rs752675422	C	T	2	1	1	AFR	0.5	0.5
DEAF1	chr11	674543	rs1475326043	C	T	2	1	1	African American	1	0
DEAF1	chr11	674569	rs897598221	C	G	5	3	2	Latin American 1	1	0
DEAF1	chr11	674584	chr11_674584_T_A	T	A	2	0	2	European	1	0
DEAF1	chr11	674588	rs752205049	C	T	2	0	2	African American	1	0
DEAF1	chr11	674624	rs371112625	G	A	2	0	2	East Asian	0.5	0.5
DEAF1	chr11	674657	rs201341584	T	C	8	1	7	European	0.625	0.5625
DEAF1	chr11	674691	rs374222357	G	A	3	2	1	European	1	0
DEAF1	chr11	674721	rs149746031	C	T	11	2	9	European	0.818181818	0.297520661

DEAF1	chr11	674733	rs7125451	C	T	37	16	21	East Asian	1	0
DEAF1	chr11	674747	rs373286290	G	A	3	2	1	European	0.666666667	0.444444444
DEAF1	chr11	678705	rs192026177	T	C	16	3	13	Latin American 1	1	0
DEAF1	chr11	678712	rs370451688	T	C	4	1	3	European	0.75	0.375
DEAF1	chr11	678763	rs138447102	C	T	53	16	37	European	0.811320755	0.328942684
DEAF1	chr11	678798	rs755235331	G	A	7	2	5	European	1	0
DEAF1	chr11	678808	rs753669832	C	T	4	2	2	European	0.5	0.625
DEAF1	chr11	679700	rs371467345	C	T	30	0	30	South Asian	0.966666667	0.064444444
DEAF1	chr11	679706	rs143058369	C	T	6	2	4	European	0.833333333	0.277777778
DEAF1	chr11	679714	rs762624710	T	G	3	0	3	Latin American 2	0.666666667	0.444444444
DEAF1	chr11	679804	rs372135504	G	C	4	2	2	East Asian	1	0
DEAF1	chr11	679811	rs375032027	C	T	7	3	4	European	1	0
DEAF1	chr11	680974	chr11_680974_G_C	G	C	2	1	1	African American	0.5	0.5
DEAF1	chr11	680975	rs144717498	C	T	6	0	6	South Asian	0.833333333	0.277777778
DEAF1	chr11	680981	rs574194648	C	T	3	1	2	South Asian	1	0
DEAF1	chr11	681001	rs148536538	T	C	4	0	4	African American	0.5	0.625
DEAF1	chr11	681025	rs377023815	G	C	13	4	9	African American	0.538461538	0.591715976
DEAF1	chr11	686935	rs71469813	T	C	230	75	155	European	0.886956522	0.209905482
DEAF1	chr11	688376	rs200600001	C	T	11	5	6	European	1	0
DEAF1	chr11	688416	rs566174877	T	G	7	1	6	African American	0.571428571	0.571428571
DEAF1	chr11	691527	rs749825655	C	T	2	0	2	East Asian	0.5	0.5
DEAF1	chr11	691572	rs143376874	C	T	3	1	2	European	0.666666667	0.444444444
DEAF1	chr11	694794	chr11_694794_C_A	C	A	2	0	2	European	1	0
DEAF1	chr11	694797	rs763981738	G	C	2	1	1	European	1	0
DEAF1	chr11	694804	rs751324313	C	T	9	1	8	European	0.777777778	0.37037037
DEAF1	chr11	694816	rs756376529	T	C	3	1	2	Latin American 1	0.666666667	0.444444444
DEAF1	chr11	694827	rs748707692	C	T	2	0	2	European	1	0
DEAF1	chr11	694831	rs1243122062	G	A	3	1	2	European	1	0
DEAF1	chr11	694881	rs148382494	G	T	3	1	2	African American	0.666666667	0.444444444
DEAF1	chr11	694918	rs755103579	T	C	6	1	5	Latin American 2	0.833333333	0.277777778
DEAF1	chr11	694927	chr11_694927_C_T	C	T	2	1	1	Latin American 2	0.5	0.5
DEAF1	chr11	694936	rs757711419	C	T	8	6	2	European	0.875	0.21875
DEAF1	chr11	694944	chr11_694944_C_T	C	T	2	0	2	South Asian	1	0
DEAF1	chr11	694947	rs761172741	CCTGCCGCGGC	C	13	3	10	European	0.307692308	0.804733728
DEAF1	chr11	694947	rs1001719666	C	T	2	0	2	African American	1	0
DEAF1	chr11	694949	rs778970025	T	TGCCGCG	2	0	2	European	0.5	0.5
DEAF1	chr11	694949	rs766934551	TGCCGCGCCG	T	26	8	18	European	0.692307692	0.48816568
DEAF1	chr11	694952	rs752994574	CGCGGCCGCG	C	33	16	17	European	0.484848485	0.699724518
DEAF1	chr11	694952	chr11_694952_C_CGCGGCC	C	CGCGGCCG	2	1	1	European	1	0
DEAF1	chr11	694956	rs1168147612	G	A	3	2	1	European	0.666666667	0.444444444
DEAF1	chr11	694958	rs781243390	CGCGGCCGCC	C	31	10	21	European	0.870967742	0.235171696
DEAF1	chr11	694961	rs774959342	G	GGCC	10	0	10	South Asian	0.7	0.48
DEAF1	chr11	694961	rs769664625	GGCCGCCGCC	G	36	13	23	European	0.361111111	0.75308642
DEAF1	chr11	694961	rs1225810957	GGCCGCCGCC	G	2	2	0	African American	0.5	0.5
DEAF1	chr11	694962	rs748949371	GCCGCCGCCG	G	6	0	6	European	0.333333333	0.777777778
DEAF1	chr11	694962	chr11_694962_G_GGCCCC	G	GGCCCC	55	8	47	European	0.618181818	0.577190083

DEAF1	chr11	694962	chr11_694962_G_GGCC	G	GGCC	44	7	37	European	0.636363636	0.546487603
DEAF1	chr11	694962	chr11_694962_G_GGCCCCC	G	GGCCCCC	6	1	5	Latin American 2	0.666666667	0.5
DEAF1	chr11	694965	rs768085739	GCCGCCGCCAC	G	9	2	7	European	0.333333333	0.716049383
DEAF1	chr11	694965	chr11_694965_G_C	G	C	546	84	462	European	0.641025641	0.550134847
DEAF1	chr11	694967	rs1461468531	CGCCGCCACAG	C	4	2	2	African American	0.25	0.75
DEAF1	chr11	694968	rs773843056	GCCGCCACAGC	G	3	0	3	Latin American 2	1	0
DEAF1	chr11	694968	chr11_694968_G_C	G	C	541	93	448	European	0.624768946	0.568461909
DEAF1	chr11	694971	chr11_694971_G_C	G	C	385	64	321	European	0.636363636	0.555506831
DEAF1	chr11	694974	chr11_694974_A_C	A	C	537	108	429	European	0.502793296	0.683436847
DEAF1	chr11	694976	rs1434138758	A	AGCGGCC	2	2	0	European	1	0
DEAF1	chr11	694977	chr11_694977_G_C	G	C	13	2	11	Latin American 1	0.384615385	0.721893491
DEAF1	chr11	694985	rs1410120201	G	GGCC	6	1	5	South Asian	0.333333333	0.777777778
DEAF1	chr11	694988	rs987922936	C	CGCG	2	2	0	East Asian	0.5	0.5
DEAF1	chr11	694992	rs767318857	A	G	81	25	56	European	0.62962963	0.575826856
DEAF1	chr11	694992	chr11_694992_A_C	A	C	7	0	7	East Asian	0.428571429	0.734693878
DEAF1	chr11	694992	chr11_694992_A_ACCGCCG	A	ACCGCCG	3	0	3	Latin American 1	0.666666667	0.444444444
DEAF1	chr11	695003	rs904830213	C	G	2	0	2	Latin American 1	1	0
CREB3L1	chr11	46278212	chr11_46278212_C_A	C	A	2	0	2	African American	1	0
CREB3L1	chr11	46299936	rs764415914	A	G	2	1	1	African American	1	0
CREB3L1	chr11	46300034	rs1420092997	A	G	2	1	1	Latin American 2	1	0
CREB3L1	chr11	46300043	rs561931720	T	A	11	1	10	Latin American 1	1	0
CREB3L1	chr11	46300068	rs529633529	C	T	13	4	9	South Asian	0.307692308	0.804733728
CREB3L1	chr11	46300073	rs376518615	G	A	2	1	1	European	1	0
CREB3L1	chr11	46300083	rs370923002	C	T	2	0	2	European	1	0
CREB3L1	chr11	46300105	chr11_46300105_C_A	C	A	2	0	2	European	0.5	0.5
CREB3L1	chr11	46300106	rs200839792	G	A	89	28	61	European	0.707865169	0.470395152
CREB3L1	chr11	46300109	rs186134647	G	A	2	0	2	East Asian	1	0
CREB3L1	chr11	46300116	rs190038304	C	T	65	24	41	European	0.630769231	0.554319527
CREB3L1	chr11	46300158	rs773238619	C	A	4	1	3	Latin American 2	0.75	0.375
CREB3L1	chr11	46307833	rs1049083998	T	G	2	1	1	African American	1	0
CREB3L1	chr11	46307837	rs769702533	C	T	7	2	5	African American	0.428571429	0.693877551
CREB3L1	chr11	46307882	rs760202144	G	A	2	1	1	African American	1	0
CREB3L1	chr11	46307902	rs756246596	C	T	2	1	1	European	0.5	0.5
CREB3L1	chr11	46307918	rs746245139	C	T	4	0	4	Latin American 1	0.75	0.375
CREB3L1	chr11	46307924	chr11_46307924_T_G	T	G	60	9	51	European	0.633333333	0.562777778
CREB3L1	chr11	46307932	rs764982042	G	A	9	1	8	European	0.444444444	0.716049383
CREB3L1	chr11	46307933	rs750033798	C	T	2	1	1	Latin American 2	0.5	0.5
CREB3L1	chr11	46307938	rs199951144	G	A	629	198	431	African American	0.348171701	0.733978531
CREB3L1	chr11	46307941	chr11_46307941_A_C	A	C	288	33	255	European	0.59375	0.594762731
CREB3L1	chr11	46307942	chr11_46307942_T_G	T	G	129	17	112	European	0.666666667	0.515113274
CREB3L1	chr11	46307942	chr11_46307942_T_A	T	A	17	3	14	European	0.823529412	0.30449827
CREB3L1	chr11	46307947	rs372330073	A	C	118	23	95	African American	0.406779661	0.692760701
CREB3L1	chr11	46307948	rs951598006	C	T	3	2	1	European	1	0
CREB3L1	chr11	46307950	rs1027062760	A	C	19	5	14	European	0.578947368	0.603878116
CREB3L1	chr11	46307956	rs746052262	C	G	3	0	3	European	1	0
CREB3L1	chr11	46307990	rs556156637	T	C	4	0	4	South Asian	1	0

CREB3L1	chr11	46310002	rs1256147545	T	C	2	1	1	Latin American 1	1	0
CREB3L1	chr11	46311035	rs187725533	A	T	239	88	151	European	0.815899582	0.321598011
CREB3L1	chr11	46311053	rs775343544	C	T	4	1	3	Native American	0.5	0.625
CREB3L1	chr11	46311088	rs376081099	G	C	3	2	1	East Asian	0.666666667	0.444444444
CREB3L1	chr11	46311103	rs745567388	C	T	3	1	2	European	1	0
CREB3L1	chr11	46311104	rs771754544	G	A	2	1	1	Native American	1	0
CREB3L1	chr11	46311116	rs776576938	C	G	2	1	1	European	0.5	0.5
CREB3L1	chr11	46311142	rs565308246	C	T	2	1	1	European	1	0
CREB3L1	chr11	46311143	rs367799632	G	A	3	1	2	European	1	0
CREB3L1	chr11	46311172	rs371931737	C	G	6	0	6	European	1	0
CREB3L1	chr11	46312341	rs762019941	C	T	2	0	2	South Asian	1	0
CREB3L1	chr11	46312454	rs777788054	C	T	2	0	2	African American	0.5	0.5
CREB3L1	chr11	46312919	rs760163690	G	T	2	1	1	European	1	0
CREB3L1	chr11	46316359	rs201046043	G	A	9	2	7	European	1	0
CREB3L1	chr11	46316363	rs776460030	C	T	2	0	2	South Asian	1	0
CREB3L1	chr11	46316371	rs192830386	G	A	151	39	112	African American	0.61589404	0.54050261
CREB3L1	chr11	46317379	rs764216900	G	T	3	2	1	European	1	0
CREB3L1	chr11	46317400	rs376498466	G	A	2	0	2	European	0.5	0.5
CREB3L1	chr11	46317401	rs376774084	T	C	15	6	9	Latin American 1	0.933333333	0.124444444
CREB3L1	chr11	46317412	rs557139571	C	T	3	0	3	South Asian	1	0
CREB3L1	chr11	46317415	rs747678376	G	A	2	0	2	South Asian	1	0
CREB3L1	chr11	46317416	rs1014411792	A	G	6	1	5	Latin American 1	0.833333333	0.277777778
CREB3L1	chr11	46317469	rs559259997	G	A	2	1	1	European	0.5	0.5
CREB3L1	chr11	46320290	rs1170864052	G	A	2	0	2	South Asian	1	0
CREB3L1	chr11	46320321	rs140441557	G	A	2	0	2	African American	0.5	0.5
CREB3L1	chr11	46320330	rs544539212	T	G	83	5	78	South Asian	0.891566265	0.195674263
CREB3L1	chr11	46320338	rs144263134	A	G	106	39	67	African American	0.528301887	0.584727661
CREB3L1	chr11	46320339	rs367810523	T	C	3	1	2	European	1	0
CREB3L1	chr11	46320371	rs370086040	G	A	3	2	1	African American	0.333333333	0.666666667
CREB3L1	chr11	46320389	rs929760986	C	T	3	2	1	African American	0.333333333	0.666666667
CREB3L1	chr11	46320393	rs774283491	C	T	6	3	3	European	0.5	0.5
CREB3L1	chr11	46320395	rs35636632	C	T	9	0	9	South Asian	0.333333333	0.740740741
CREB3L1	chr11	46320396	rs199553915	G	A	15	6	9	Latin American 1	0.866666667	0.231111111
CREB3L1	chr11	46320431	rs367930951	C	T	6	2	4	Latin American 1	0.666666667	0.5
CREB3L1	chr11	46320455	rs764866404	G	A	4	0	4	Latin American 1	1	0
CREB3L1	chr11	46320457	rs188423609	G	C	17	5	12	Latin American 1	0.647058824	0.491349481
CREB3L1	chr11	46320474	rs754844256	G	C	4	1	3	East Asian	1	0
CREB3L1	chr11	46320482	rs368441030	G	A	3	2	1	European	1	0
CREB3L1	chr11	46320494	rs745959450	G	A	2	0	2	African American	0.5	0.5
CREB3L1	chr11	46320501	rs550341266	C	A	4	0	4	South Asian	1	0
CREB3L1	chr11	46320509	rs747175434	A	C	5	2	3	European	1	0
CREB3L1	chr11	46320518	rs774093366	T	A	3	2	1	European	0.666666667	0.444444444
CREB3L1	chr11	46320727	rs192656420	C	A	9	2	7	Latin American 2	0.666666667	0.49382716
ACADS	chr12	120725925	rs542140065	C	G	5	0	5	European	1	0
ACADS	chr12	120727026	rs147494970	C	T	13	3	10	African American	0.538461538	0.603550296
ACADS	chr12	120727044	rs774970155	G	T	2	0	2	European	0.5	0.5

ACADS	chr12	120727047	rs773600043	G	A	3	2	1	European	1	0
ACADS	chr12	120727085	rs982006585	G	A	5	1	4	Latin American 1	0.4	0.72
ACADS	chr12	120727103	rs143948985	C	T	2	0	2	African American	1	0
ACADS	chr12	120727115	rs121908003	C	T	14	2	12	Latin American 1	0.428571429	0.704081633
ACADS	chr12	120727127	rs1194074272	GAGA	G	2	2	0	European	1	0
ACADS	chr12	120727143	rs147442301	C	T	6	3	3	East Asian	0.833333333	0.277777778
ACADS	chr12	120727168	rs371096896	A	T	2	0	2	African American	0.5	0.5
ACADS	chr12	120727182	rs148789330	C	A	2	1	1	African American	0.5	0.5
ACADS	chr12	120736990	rs142476255	A	G	3	2	1	African American	1	0
ACADS	chr12	120736993	rs760948905	A	T	3	0	3	Latin American 2	1	0
ACADS	chr12	120737025	rs751283667	G	A	3	1	2	European	0.666666667	0.444444444
ACADS	chr12	120737049	rs121908004	G	T	3	2	1	European	0.666666667	0.444444444
ACADS	chr12	120737059	rs369400082	A	G	6	2	4	African American	1	0
ACADS	chr12	120737079	rs766216232	A	G	3	2	1	Latin American 1	0.666666667	0.444444444
ACADS	chr12	120737094	rs61732144	C	T	60	20	40	European	0.933333333	0.126111111
ACADS	chr12	120737095	rs755697930	G	A	4	2	2	European	0.5	0.625
ACADS	chr12	120737125	rs1409242138	G	A	2	0	2	European	1	0
ACADS	chr12	120737408	rs17848085	C	T	14	5	9	East Asian	0.428571429	0.683673469
ACADS	chr12	120737412	rs149107232	G	C	3	1	2	European	0.666666667	0.444444444
ACADS	chr12	120737858	rs770417119	C	T	12	4	8	Latin American 1	0.833333333	0.291666667
ACADS	chr12	120737869	rs777002501	A	C	3	0	3	South Asian	1	0
ACADS	chr12	120737872	rs765604622	G	T	9	3	6	European	0.555555556	0.49382716
ACADS	chr12	120737872	chr12_120737872_G_A	G	A	3	2	1	European	0.666666667	0.444444444
ACADS	chr12	120737887	rs960658568	G	A	2	0	2	European	0.5	0.5
ACADS	chr12	120737893	rs57443665	T	C	105	30	75	African American	0.666666667	0.50031746
ACADS	chr12	120737939	rs28940874	C	T	5	1	4	European	1	0
ACADS	chr12	120737942	rs369167716	C	T	2	1	1	European	0.5	0.5
ACADS	chr12	120737960	rs766579880	C	T	3	2	1	European	0.333333333	0.666666667
ACADS	chr12	120738310	rs144815059	A	T	38	11	27	African American	0.5	0.608033241
ACADS	chr12	120738311	rs148588313	C	T	8	4	4	African American	0.375	0.71875
ACADS	chr12	120738323	rs143131689	C	T	3	1	2	European	0.666666667	0.444444444
ACADS	chr12	120738356	rs749242337	G	A	3	0	3	South Asian	0.666666667	0.444444444
ACADS	chr12	120738551	rs539219309	C	T	2	0	2	European	1	0
ACADS	chr12	120738552	rs374726386	G	A	4	2	2	African American	0.5	0.5
ACADS	chr12	120738554	rs769242128	A	G	2	0	2	South Asian	1	0
ACADS	chr12	120738563	rs199717731	G	A	3	2	1	European	1	0
ACADS	chr12	120738566	rs996621152	T	G	159	128	31	European	0.943396226	0.106799573
ACADS	chr12	120738642	rs770009021	C	T	4	0	4	European	0.5	0.625
ACADS	chr12	120738844	rs777939247	G	T	4	2	2	Latin American 1	1	0
ACADS	chr12	120738859	rs121908006	C	T	4	1	3	European	0.75	0.375
ACADS	chr12	120738874	rs140853839	C	T	38	12	26	Latin American 1	0.605263158	0.54432133
ACADS	chr12	120738875	rs199633532	G	A	8	1	7	European	0.75	0.40625
ACADS	chr12	120738899	rs764917783	A	G	3	0	3	South Asian	1	0
ACADS	chr12	120739141	rs387906950	A	G	12	4	8	East Asian	1	0
ACADS	chr12	120739164	rs202078273	G	A	2	1	1	East Asian	1	0
ACADS	chr12	120739168	rs28941773	C	T	8	1	7	European	0.875	0.21875

ACADS	chr12	120739182	rs754459133	G	T	2	1	1	Latin American 2	1	0
ACADS	chr12	120739188	rs528266975	A	G	23	8	15	Latin American 1	0.913043478	0.15879017
ACADS	chr12	120739304	rs368469075	G	T	4	3	1	European	0.75	0.375
ACADS	chr12	120739314	rs145466253	G	A	2	1	1	European	1	0
ACADS	chr12	120739317	rs566325901	A	G	60	3	57	South Asian	0.883333333	0.212777778
ACADS	chr12	120739326	rs371934737	G	A	2	1	1	African American	0.5	0.5
ACADS	chr12	120739339	rs183161718	C	T	5	2	3	East Asian	0.4	0.72
ACADS	chr12	120739347	rs28940875	C	T	8	1	7	Latin American 2	0.5	0.59375
ACADS	chr12	120739348	rs368064268	G	A	3	2	1	African American	0.666666667	0.444444444
ACADS	chr12	120739356	rs28940872	C	T	6	2	4	European	0.5	0.611111111
ACADS	chr12	120739362	rs202124189	G	T	30	10	20	Latin American 1	0.966666667	0.064444444
ACADS	chr12	120739362	chr12_120739362_G_A	G	A	3	0	3	Latin American 1	1	0
ACADS	chr12	120739365	rs537072819	C	T	3	0	3	European	0.666666667	0.444444444
ACADS	chr12	120739366	rs766183395	G	A	2	0	2	European	1	0
ACADS	chr12	120739374	chr12_120739374_G_C	G	C	3	1	2	European	1	0
ACADS	chr12	120739397	rs1322896033	A	C	14	12	2	East Asian	0.5	0.56122449
ACADS	chr12	120739398	rs1233036235	A	G	2	1	1	European	1	0
ACADS	chr12	120739405	rs926187308	G	A	2	0	2	European	1	0
ACADS	chr12	120739407	rs369840561	C	G	9	1	8	Latin American 2	0.888888889	0.197530864
ACADS	chr12	120739407	chr12_120739407_C_A	C	A	2	1	1	European	1	0
ACADS	chr12	120739416	rs556890619	G	A	9	0	9	South Asian	0.888888889	0.197530864
ACADS	chr12	120739419	chr12_120739419_G_A	G	A	2	1	1	East Asian	0.5	0.5
ACADS	chr12	120739440	rs369416846	C	T	5	1	4	East Asian	0.4	0.72
CCNA1	chr13	36433085	rs560118670	T	C	3	0	3	South Asian	1	0
CCNA1	chr13	36433195	rs746557549	G	A	2	1	1	European	0.5	0.5
CCNA1	chr13	36437678	rs774471192	C	T	3	3	0	European	1	0
CCNA1	chr13	36437705	chr13_36437705_G_A	G	A	2	1	1	African American	1	0
CCNA1	chr13	36437713	rs763352839	C	G	2	0	2	Latin American 2	1	0
CCNA1	chr13	36437737	chr13_36437737_G_A	G	A	2	0	2	Latin American 1	1	0
CCNA1	chr13	36437756	rs61733784	T	A	14	4	10	European	1	0
CCNA1	chr13	36437783	rs143100244	C	T	2	1	1	East Asian	0.5	0.5
CCNA1	chr13	36437789	rs540179877	G	A	7	0	7	South Asian	1	0
CCNA1	chr13	36437839	rs368185225	A	G	2	1	1	European	1	0
CCNA1	chr13	36438683	rs376677628	C	T	25	5	20	European	0.52	0.6112
CCNA1	chr13	36438729	rs78810484	T	G	102	12	90	European	0.980392157	0.038638985
CCNA1	chr13	36438732	rs200577481	A	G	75	9	66	European	0.986666667	0.026311111
CCNA1	chr13	36438735	rs770432581	T	G	16	2	14	European	1	0
CCNA1	chr13	36438741	rs202149829	A	G	4	0	4	European	1	0
CCNA1	chr13	36438777	chr13_36438777_C_G	C	G	2	0	2	East Asian	1	0
CCNA1	chr13	36438787	rs764214378	C	A	2	0	2	Latin American 1	0.5	0.5
CCNA1	chr13	36439992	rs370143844	A	T	4	1	3	African American	0.75	0.375
CCNA1	chr13	36440050	rs140946240	G	A	132	36	96	African American	0.5	0.623163453
CCNA1	chr13	36440118	rs61755282	A	G	41	13	28	European	0.609756098	0.57584771
CCNA1	chr13	36440120	rs199981149	C	A	7	2	5	European	1	0
CCNA1	chr13	36440122	rs1386172023	A	G	2	1	1	Native American	1	0
CCNA1	chr13	36440150	rs756868331	A	C	5	2	3	European	0.4	0.64

CCNA1	chr13	36441121	rs749179710	G	A	2	1	1	European	0.5	0.5
CCNA1	chr13	36441163	rs145699331	T	C	2	0	2	European	1	0
CCNA1	chr13	36442208	rs768461226	G	A	2	0	2	European	1	0
CCNA1	chr13	36442244	rs145685321	C	T	4	3	1	European	0.5	0.5
CCNA1	chr13	36442256	rs760364496	T	A	4	3	1	European	1	0
CCNA1	chr13	36442258	rs1316745879	C	A	3	3	0	European	0.666666667	0.444444444
CCNA1	chr13	36442265	rs765204259	G	A	8	1	7	European	0.875	0.21875
CCNA1	chr13	36442648	rs773213910	GTTC	G	9	1	8	Latin American 1	0.777777778	0.37037037
ARGLU1	chr13	106557121	rs1055347143	C	T	2	0	2	European	0.5	0.5
ARGLU1	chr13	106559445	rs762450750	T	C	6	4	2	Latin American 1	1	0
ARGLU1	chr13	106559449	rs199711363	C	T	33	14	19	European	0.96969697	0.058769513
ARGLU1	chr13	106567693	rs200685505	G	A	25	8	17	European	0.8	0.32
ARGLU1	chr13	106567726	chr13_106567726_A_C	A	C	701	114	587	European	0.587731812	0.616213642
ARGLU1	chr13	106567733	chr13_106567733_T_G	T	G	61	4	57	Latin American 1	0.508196721	0.649287826
ARGLU1	chr13	106567754	rs898645477	A	C	162	28	134	European	0.574074074	0.615988416
ARGLU1	chr13	106567849	chr13_106567849_C_T	C	T	3	0	3	European	1	0
ARGLU1	chr13	106567889	rs1208491821	G	C	2	1	1	European	1	0
ARGLU1	chr13	106567915	rs755775967	C	A	2	0	2	European	1	0
TRAV1-1	chr14	21621908	rs1375553965	G	A	3	2	1	European	1	0
TRAV1-1	chr14	21622397	rs769720951	C	G	8	3	5	Latin American 1	0.875	0.21875
TRAV1-1	chr14	21622477	chr14_21622477_C_A	C	A	227	21	206	European	0.740088106	0.43307652
MYH6	chr14	23382051	rs878854503	C	T	2	0	2	European	0.5	0.5
MYH6	chr14	23382055	rs372265811	C	A	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23382481	rs754649208	C	T	2	2	0	African American	0.5	0.5
MYH6	chr14	23382489	rs373076710	G	A	2	0	2	African American	0.5	0.5
MYH6	chr14	23382528	rs61731171	C	T	14	7	7	Latin American 1	0.857142857	0.255102041
MYH6	chr14	23382532	rs762923098	A	G	6	0	6	South Asian	1	0
MYH6	chr14	23382534	rs765849175	T	C	5	1	4	Latin American 2	1	0
MYH6	chr14	23382557	rs1415232837	C	G	4	1	3	Latin American 2	0.5	0.5
MYH6	chr14	23383226	rs767096302	G	A	3	1	2	European	1	0
MYH6	chr14	23383241	rs199755234	C	T	6	0	6	European	0.333333333	0.722222222
MYH6	chr14	23383244	rs750886219	T	C	3	0	3	African American	0.666666667	0.444444444
MYH6	chr14	23383259	rs201919534	T	C	12	7	5	African American	0.583333333	0.583333333
MYH6	chr14	23383292	rs138720701	C	T	5	2	3	Latin American 1	0.6	0.48
MYH6	chr14	23383293	rs759499155	G	A	2	1	1	European	0.5	0.5
MYH6	chr14	23383300	rs544009955	G	C	2	1	1	Latin American 1	0.5	0.5
MYH6	chr14	23384488	rs373629059	T	C	12	6	6	Latin American 1	0.75	0.375
MYH6	chr14	23384494	rs747673552	G	A	2	0	2	Latin American 2	1	0
MYH6	chr14	23384506	rs202132499	C	T	4	2	2	Latin American 2	0.75	0.375
MYH6	chr14	23384507	rs137923514	G	A	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23384516	rs367834703	C	T	2	2	0	European	1	0
MYH6	chr14	23384530	rs200260229	C	T	32	15	17	European	0.4375	0.671875
MYH6	chr14	23384531	rs202141059	C	T	32	15	17	European	0.4375	0.671875
MYH6	chr14	23384542	rs1298835458	C	T	3	1	2	Latin American 1	1	0
MYH6	chr14	23384548	rs371222772	C	T	3	0	3	South Asian	1	0
MYH6	chr14	23384549	rs111473291	G	A	6	2	4	European	0.333333333	0.722222222

MYH6	chr14	23384597	rs144571463	G	T	25	6	19	South Asian	0.36	0.7136
MYH6	chr14	23384614	rs759281871	C	T	2	1	1	European	1	0
MYH6	chr14	23384659	rs745473249	C	T	4	0	4	East Asian	0.75	0.375
MYH6	chr14	23384671	rs769271404	G	T	2	0	2	European	1	0
MYH6	chr14	23384672	chr14_23384672_C_T	C	T	2	1	1	European	0.5	0.5
MYH6	chr14	23384714	rs397516775	C	T	6	2	4	European	0.666666667	0.5
MYH6	chr14	23384948	rs142437308	C	G	2	1	1	African American	0.5	0.5
MYH6	chr14	23385004	rs151324358	G	A	10	0	10	African American	0.4	0.74
MYH6	chr14	23385034	chr14_23385034_C_T	C	T	2	0	2	AFR	1	0
MYH6	chr14	23385954	rs369275573	C	G	2	2	0	European	1	0
MYH6	chr14	23385956	rs201383498	C	A	4	0	4	European	1	0
MYH6	chr14	23385981	rs1419664066	C	T	3	0	3	Latin American 2	1	0
MYH6	chr14	23385989	rs762103586	C	T	3	0	3	African American	0.333333333	0.666666667
MYH6	chr14	23385996	rs766345714	G	A	3	1	2	African American	0.666666667	0.444444444
MYH6	chr14	23386014	rs373457153	C	T	7	3	4	European	0.857142857	0.244897959
MYH6	chr14	23386020	rs745747137	G	A	5	1	4	East Asian	1	0
MYH6	chr14	23386056	rs921540558	G	A	2	1	1	European	1	0
MYH6	chr14	23386065	rs773755388	C	T	39	14	25	Latin American 1	0.871794872	0.228796844
MYH6	chr14	23386071	rs534560839	C	T	3	1	2	South Asian	0.666666667	0.444444444
MYH6	chr14	23386089	rs200884672	C	T	2	1	1	European	1	0
MYH6	chr14	23386092	rs758251388	C	T	3	0	3	African American	1	0
MYH6	chr14	23386098	rs374271404	C	T	3	2	1	African American	0.666666667	0.444444444
MYH6	chr14	23386100	rs778287981	C	T	11	2	9	Latin American 1	0.636363636	0.512396694
MYH6	chr14	23386106	rs773445582	G	A	2	1	1	African American	0.5	0.5
MYH6	chr14	23386331	rs1321593074	A	G	2	0	2	European	0.5	0.5
MYH6	chr14	23386368	rs149460065	G	A	60	16	44	African American	0.5	0.605
MYH6	chr14	23386400	rs776765616	T	C	2	0	2	European	0.5	0.5
MYH6	chr14	23386416	chr14_23386416_T_G	T	G	5	4	1	Latin American 1	1	0
MYH6	chr14	23386446	rs780726611	G	A	3	2	1	European	1	0
MYH6	chr14	23386451	rs747494958	C	T	4	1	3	European	0.5	0.625
MYH6	chr14	23386452	rs201683868	G	A	19	12	7	Latin American 1	0.789473684	0.349030471
MYH6	chr14	23386502	rs200751434	T	C	17	1	16	Latin American 1	1	0
MYH6	chr14	23386506	rs544624250	G	T	14	4	10	Latin American 1	0.714285714	0.459183673
MYH6	chr14	23386524	rs1280321639	C	T	2	0	2	European	1	0
MYH6	chr14	23386527	rs397516771	C	T	3	0	3	European	0.666666667	0.444444444
MYH6	chr14	23386548	rs775263766	G	A	4	2	2	European	0.75	0.375
MYH6	chr14	23386551	rs371067114	C	T	2	1	1	African American	0.5	0.5
MYH6	chr14	23386554	rs1195066266	T	A	2	0	2	Latin American 2	1	0
MYH6	chr14	23386570	rs149771264	G	T	4	2	2	European	0.75	0.375
MYH6	chr14	23386589	rs371068881	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23386590	rs756237624	G	A	5	1	4	African American	0.4	0.64
MYH6	chr14	23386608	rs148582147	C	G	54	27	27	European	0.351851852	0.75308642
MYH6	chr14	23386608	chr14_23386608_C_T	C	T	3	1	2	Latin American 2	0.666666667	0.444444444
MYH6	chr14	23386616	chr14_23386616_A_T	A	T	500	226	274	European	0.4	0.743072
MYH6	chr14	23386620	chr14_23386620_A_T	A	T	414	185	229	European	0.40821256	0.741907629
MYH6	chr14	23387577	rs199600772	C	G	3	2	1	European	1	0

MYH6	chr14	23387584	rs34330111	C	A	34	9	25	African American	0.470588235	0.678200692
MYH6	chr14	23387585	rs201827489	G	A	3	0	3	European	1	0
MYH6	chr14	23387606	rs900579440	C	T	5	2	3	African American	0.8	0.32
MYH6	chr14	23387778	rs199936506	C	T	26	7	19	European	0.615384615	0.582840237
MYH6	chr14	23387845	rs930701630	T	C	2	1	1	European	1	0
MYH6	chr14	23387853	rs147586142	C	T	2	1	1	African American	0.5	0.5
MYH6	chr14	23387854	rs201989347	G	A	4	1	3	European	0.75	0.375
MYH6	chr14	23387914	rs267606905	C	T	3	1	2	African American	0.333333333	0.666666667
MYH6	chr14	23388169	rs766943407	T	C	3	0	3	East Asian	1	0
MYH6	chr14	23388186	rs727503234	G	T	8	6	2	European	1	0
MYH6	chr14	23388207	rs142556730	C	T	6	1	5	European	0.666666667	0.5
MYH6	chr14	23388208	rs746893658	G	A	2	1	1	European	1	0
MYH6	chr14	23388221	rs201016285	C	T	129	22	107	Latin American 2	0.720930233	0.406586143
MYH6	chr14	23388249	rs574433291	C	T	7	2	5	South Asian	0.714285714	0.408163265
MYH6	chr14	23388250	rs200465713	G	A	3	0	3	African American	0.666666667	0.444444444
MYH6	chr14	23388283	rs146172839	C	T	4	0	4	East Asian	1	0
MYH6	chr14	23388298	rs201566738	C	T	3	2	1	Latin American 1	1	0
MYH6	chr14	23388321	rs150815925	C	T	28	11	17	European	0.785714286	0.367346939
MYH6	chr14	23388322	rs374022661	G	A	7	3	4	Latin American 1	0.714285714	0.448979592
MYH6	chr14	23388884	rs763926580	G	A	3	1	2	Latin American 1	0.666666667	0.444444444
MYH6	chr14	23388885	rs1471592617	C	G	2	0	2	Latin American 1	1	0
MYH6	chr14	23388893	rs753774406	C	T	2	1	1	European	1	0
MYH6	chr14	23388898	rs145611185	G	A	29	12	17	European	0.896551724	0.190249703
MYH6	chr14	23388950	rs768398107	C	T	2	0	2	AFR	0.5	0.5
MYH6	chr14	23388952	rs533942127	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23388986	rs756392451	C	T	2	1	1	Latin American 1	0.5	0.5
MYH6	chr14	23388995	rs1442784785	C	T	2	1	1	Latin American 2	1	0
MYH6	chr14	23388998	rs372736126	G	A	16	3	13	European	0.9375	0.1171875
MYH6	chr14	23389007	rs761711033	C	T	3	1	2	African American	0.333333333	0.666666667
MYH6	chr14	23389018	rs766238876	C	T	4	0	4	African American	0.5	0.625
MYH6	chr14	23389035	chr14_23389035_A_T	A	T	42	11	31	European	0.285714286	0.783446712
MYH6	chr14	23389042	chr14_23389042_A_T	A	T	79	25	54	African American	0.265822785	0.801794584
MYH6	chr14	23389046	chr14_23389046_C_G	C	G	4	0	4	Latin American 2	0.5	0.625
MYH6	chr14	23389054	rs148558068	G	A	15	6	9	African American	0.666666667	0.506666667
MYH6	chr14	23389448	rs776486154	A	C	3	1	2	African American	0.333333333	0.666666667
MYH6	chr14	23389457	rs1015940787	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23389478	rs368588052	G	A	5	1	4	European	0.8	0.32
MYH6	chr14	23389488	rs34935550	C	G	232	73	159	European	0.461206897	0.674791914
MYH6	chr14	23389499	rs780178869	C	T	2	0	2	South Asian	1	0
MYH6	chr14	23389504	rs138127105	C	A	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23389614	rs762102758	C	T	2	0	2	European	0.5	0.5
MYH6	chr14	23389644	rs371849826	G	A	2	1	1	European	0.5	0.5
MYH6	chr14	23389650	rs777331087	C	A	2	0	2	South Asian	1	0
MYH6	chr14	23389665	rs375819633	C	T	8	3	5	African American	0.375	0.65625
MYH6	chr14	23389667	rs544358806	C	T	3	3	0	African American	0.333333333	0.666666667
MYH6	chr14	23389668	rs397516763	G	A	10	0	10	South Asian	0.8	0.34

MYH6	chr14	23389697	rs759454361	C	T	2	0	2	East Asian	0.5	0.5
MYH6	chr14	23390079	chr14_23390079_A_G	A	G	2	0	2	South Asian	1	0
MYH6	chr14	23390092	rs144761217	C	T	6	0	6	Latin American 1	0.666666667	0.5
MYH6	chr14	23390170	rs397516762	C	T	6	1	5	European	1	0
MYH6	chr14	23390177	rs751153777	C	G	6	3	3	European	0.666666667	0.5
MYH6	chr14	23390182	rs753047012	C	T	2	0	2	African American	1	0
MYH6	chr14	23390185	rs368451573	C	T	12	3	9	South Asian	0.666666667	0.486111111
MYH6	chr14	23390191	rs372794975	C	G	11	2	9	African American	0.454545455	0.644628099
MYH6	chr14	23390206	rs769756450	G	T	10	1	9	Latin American 2	0.7	0.48
MYH6	chr14	23390206	chr14_23390206_G_A	G	A	3	0	3	European	0.666666667	0.444444444
MYH6	chr14	23390214	rs765797952	G	A	2	1	1	African American	0.5	0.5
MYH6	chr14	23390220	rs759117852	G	A	3	0	3	European	1	0
MYH6	chr14	23390227	rs767223211	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23390281	rs727503236	C	T	7	5	2	European	1	0
MYH6	chr14	23390284	rs771879688	G	A	3	1	2	East Asian	1	0
MYH6	chr14	23390289	rs775248044	T	G	6	2	4	East Asian	0.833333333	0.277777778
MYH6	chr14	23390341	rs760399050	C	G	2	1	1	Latin American 1	1	0
MYH6	chr14	23390342	rs564367705	G	C	3	1	2	European	1	0
MYH6	chr14	23390361	rs543585784	C	T	5	2	3	European	0.6	0.56
MYH6	chr14	23390362	rs755209382	G	A	4	2	2	European	0.75	0.375
MYH6	chr14	23390376	rs745801044	C	T	6	2	4	African American	0.333333333	0.722222222
MYH6	chr14	23390406	rs376002621	C	T	5	2	3	African American	0.6	0.56
MYH6	chr14	23390437	rs750174797	C	G	4	1	3	Latin American 1	1	0
MYH6	chr14	23390442	rs369247906	C	T	6	2	4	European	0.666666667	0.5
MYH6	chr14	23390443	rs372446459	G	T	6	1	5	European	0.833333333	0.277777778
MYH6	chr14	23392630	rs567433969	G	C	10	3	7	Latin American 1	1	0
MYH6	chr14	23392647	rs1022920167	T	C	4	0	4	European	0.5	0.625
MYH6	chr14	23392933	rs377716628	T	A	22	4	18	African American	0.545454545	0.566115702
MYH6	chr14	23392943	rs375169402	C	T	3	2	1	European	1	0
MYH6	chr14	23392964	rs145508517	T	C	9	5	4	African American	0.555555556	0.617283951
MYH6	chr14	23392968	rs267606904	C	G	13	3	10	East Asian	0.692307692	0.426035503
MYH6	chr14	23392999	rs540893860	C	T	8	0	8	South Asian	0.875	0.21875
MYH6	chr14	23393008	rs750020902	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
MYH6	chr14	23393024	rs755565288	G	A	3	1	2	African American	0.666666667	0.444444444
MYH6	chr14	23393028	rs758449996	C	A	2	0	2	European	1	0
MYH6	chr14	23393437	rs143978652	C	A	78	24	54	European	0.487179487	0.655161078
MYH6	chr14	23393473	rs779051645	C	T	2	0	2	European	0.5	0.5
MYH6	chr14	23393473	chr14_23393473_C_A	C	A	2	0	2	European	1	0
MYH6	chr14	23393478	rs766362714	A	T	2	1	1	European	1	0
MYH6	chr14	23393496	rs202028680	A	G	2	1	1	African American	1	0
MYH6	chr14	23393704	rs144907522	C	A	68	19	49	African American	0.558823529	0.592128028
MYH6	chr14	23393748	rs148234492	C	T	2	2	0	African American	1	0
MYH6	chr14	23393752	rs538791600	C	T	2	0	2	South Asian	1	0
MYH6	chr14	23393766	rs766640013	C	T	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23393767	rs368912844	G	A	2	2	0	European	1	0
MYH6	chr14	23393787	rs199838024	G	A	4	1	3	European	0.75	0.375

MYH6	chr14	23393788	rs141704264	C	A	413	130	283	African American	0.535108959	0.594562904
MYH6	chr14	23393788	chr14_23393788_C_T	C	T	2	0	2	European	0.5	0.5
MYH6	chr14	23393804	rs934343235	A	T	2	1	1	African American	1	0
MYH6	chr14	23393823	rs746669440	A	G	2	0	2	AFR	1	0
MYH6	chr14	23393852	rs1312659522	C	A	2	2	0	European	1	0
MYH6	chr14	23393856	rs138213182	T	C	4	1	3	African American	1	0
MYH6	chr14	23393872	rs758061689	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23393877	rs527636904	C	T	6	1	5	European	0.666666667	0.444444444
MYH6	chr14	23393893	chr14_23393893_T_G	T	G	5	0	5	Latin American 1	0.6	0.56
MYH6	chr14	23394069	rs1372933415	G	A	2	0	2	European	1	0
MYH6	chr14	23394138	rs773162706	C	T	8	0	8	European	0.875	0.21875
MYH6	chr14	23394139	rs201193346	G	A	18	1	17	European	0.833333333	0.290123457
MYH6	chr14	23394142	rs376682837	G	A	8	3	5	European	0.625	0.46875
MYH6	chr14	23394148	rs774144472	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23394153	rs143284278	T	C	2	0	2	African American	1	0
MYH6	chr14	23394162	rs200153625	G	A	7	1	6	European	0.428571429	0.653061224
MYH6	chr14	23394172	chr14_23394172_T_G	T	G	2	0	2	AFR	0.5	0.5
MYH6	chr14	23394174	rs115845031	C	T	252	80	172	African American	0.599206349	0.558421517
MYH6	chr14	23394175	rs1025146248	G	A	4	1	3	European	0.75	0.375
MYH6	chr14	23394178	rs369274077	C	T	3	0	3	European	1	0
MYH6	chr14	23394213	rs759408374	G	A	6	1	5	European	0.833333333	0.277777778
MYH6	chr14	23394289	rs138419275	C	T	25	10	15	East Asian	1	0
MYH6	chr14	23394292	rs1348126724	G	A	3	1	2	Latin American 1	1	0
MYH6	chr14	23394313	rs150675144	G	T	5	2	3	European	1	0
MYH6	chr14	23396287	rs780036697	C	T	3	1	2	African American	0.333333333	0.666666667
MYH6	chr14	23396312	rs75487328	T	C	5	2	3	Latin American 1	0.8	0.32
MYH6	chr14	23396314	rs535438755	C	T	3	1	2	East Asian	0.333333333	0.666666667
MYH6	chr14	23396316	rs199993769	C	T	3	1	2	East Asian	1	0
MYH6	chr14	23396329	rs267606907	C	T	4	1	3	East Asian	0.75	0.375
MYH6	chr14	23396330	rs202120238	G	A	6	2	4	European	1	0
MYH6	chr14	23396348	rs200925880	G	A	2	0	2	African American	0.5	0.5
MYH6	chr14	23396350	rs746758304	G	A	5	1	4	East Asian	0.6	0.56
MYH6	chr14	23396360	rs543524943	G	A	2	0	2	European	1	0
MYH6	chr14	23396377	rs1486610243	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23396728	rs369729808	A	G	5	2	3	Latin American 1	0.8	0.32
MYH6	chr14	23396797	rs763963623	A	G	2	1	1	European	1	0
MYH6	chr14	23396812	rs781467923	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23396969	rs770907731	C	T	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23396970	rs387906656	G	A	2	2	0	European	0.5	0.5
MYH6	chr14	23396991	rs761520417	G	A	2	0	2	European	0.5	0.5
MYH6	chr14	23397005	rs1221259755	T	C	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23397018	rs767124357	G	A	4	2	2	African American	0.25	0.75
MYH6	chr14	23397060	rs148915045	C	T	167	57	110	African American	0.592814371	0.536627344
MYH6	chr14	23397066	rs748016197	G	T	2	0	2	African American	1	0
MYH6	chr14	23397067	rs769708956	G	T	3	0	3	South Asian	1	0
MYH6	chr14	23397181	rs551746815	C	T	5	2	3	Latin American 1	0.4	0.64

MYH6	chr14	23397202	rs1023327699	C	T	2	0	2	East Asian	1	0
MYH6	chr14	23397212	rs754199269	G	A	3	0	3	Latin American 2	0.666666667	0.444444444
MYH6	chr14	23397545	chr14_23397545_G_A	G	A	3	1	2	European	1	0
MYH6	chr14	23398734	rs180904654	C	T	17	7	10	East Asian	0.764705882	0.394463668
MYH6	chr14	23398745	rs1183656896	TAGG	T	2	0	2	European	0.5	0.5
MYH6	chr14	23398751	rs764362016	G	A	4	0	4	South Asian	0.75	0.375
MYH6	chr14	23398856	rs142992009	T	G	103	39	64	European	0.844660194	0.279385427
MYH6	chr14	23398866	rs150415679	C	T	16	5	11	European	0.5625	0.5703125
MYH6	chr14	23398916	rs376291577	C	T	2	0	2	Latin American 1	0.5	0.5
MYH6	chr14	23398917	rs149650190	G	A	20	6	14	Latin American 1	0.9	0.18
MYH6	chr14	23398956	rs730880149	C	T	4	2	2	European	0.5	0.625
MYH6	chr14	23398991	rs367663906	T	C	3	2	1	European	1	0
MYH6	chr14	23400316	rs142410102	A	C	6	3	3	African American	0.833333333	0.277777778
MYH6	chr14	23400351	rs761085263	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
MYH6	chr14	23400711	rs777651128	C	T	3	0	3	Latin American 1	1	0
MYH6	chr14	23400759	rs1425571023	G	A	2	2	0	African American	0.5	0.5
MYH6	chr14	23400772	rs142059069	C	A	12	3	9	Latin American 1	0.833333333	0.291666667
MYH6	chr14	23400783	rs556536964	C	T	3	1	2	East Asian	1	0
MYH6	chr14	23400791	rs202096001	C	T	4	0	4	European	0.5	0.5
MYH6	chr14	23400792	rs182373896	G	A	2	1	1	European	1	0
MYH6	chr14	23400794	rs757040426	G	A	3	0	3	East Asian	1	0
MYH6	chr14	23400854	chr14_23400854_T_C	T	C	2	0	2	European	0.5	0.5
MYH6	chr14	23400867	rs147606900	C	T	6	1	5	East Asian	0.5	0.611111111
MYH6	chr14	23400868	chr14_23400868_G_T	G	T	2	0	2	European	0.5	0.5
MYH6	chr14	23400875	rs759520932	C	G	10	8	2	European	0.5	0.58
MYH6	chr14	23400876	rs576432451	C	T	11	0	11	South Asian	1	0
MYH6	chr14	23400934	chr14_23400934_G_T	G	T	2	1	1	European	1	0
MYH6	chr14	23400948	rs869025472	G	T	3	1	2	European	1	0
MYH6	chr14	23400963	rs146468868	C	T	2	0	2	African American	1	0
MYH6	chr14	23402466	rs747070258	T	G	4	2	2	Latin American 2	0.75	0.375
MYH6	chr14	23402473	rs148962966	C	T	59	14	45	East Asian	0.661016949	0.459063488
MYH6	chr14	23402474	rs61742472	G	C	155	55	100	African American	0.483870968	0.61710718
MYH6	chr14	23402497	rs753444140	G	A	3	2	1	Latin American 1	0.666666667	0.444444444
MYH6	chr14	23402517	rs150272218	A	G	2	1	1	African American	1	0
MYH6	chr14	23402518	rs202196487	T	A	14	5	9	East Asian	1	0
MYH6	chr14	23402557	rs200260629	C	T	12	8	4	African American	0.583333333	0.569444444
MYH6	chr14	23402598	rs138572790	G	C	5	2	3	European	1	0
MYH6	chr14	23402697	rs371859345	A	T	2	1	1	African American	1	0
MYH6	chr14	23402706	rs112677696	C	T	3	0	3	African American	0.666666667	0.444444444
MYH6	chr14	23402717	rs144422878	C	T	4	1	3	African American	0.5	0.5
MYH6	chr14	23402759	rs1260228019	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23402762	rs576034003	A	C	5	1	4	Latin American 1	0.6	0.56
MYH6	chr14	23402771	rs374692396	C	T	4	2	2	African American	0.75	0.375
MYH6	chr14	23403415	rs140660481	C	A	29	12	17	European	0.689655172	0.475624257
MYH6	chr14	23403422	rs201327273	A	T	19	4	15	European	0.736842105	0.421052632
MYH6	chr14	23403758	rs750341311	G	C	2	0	2	European	1	0

MYH6	chr14	23404300	rs200645920	C	T	2	0	2	AFR	0.5	0.5
MYH6	chr14	23404319	rs576154116	G	A	4	1	3	Native American	0.5	0.625
MYH6	chr14	23404340	rs199916773	A	G	4	1	3	East Asian	1	0
MYH6	chr14	23404352	rs201828188	C	T	17	6	11	Latin American 1	0.882352941	0.214532872
MYH6	chr14	23404718	rs780456381	G	A	3	0	3	European	1	0
MYH6	chr14	23404720	rs886039039	A	T	2	1	1	East Asian	1	0
MYH6	chr14	23404731	rs142027794	C	T	375	123	252	European	0.650666667	0.527758222
MYH6	chr14	23405232	rs972242173	T	A	2	0	2	European	0.5	0.5
MYH6	chr14	23405250	rs369931610	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23405258	rs372298082	G	C	2	1	1	African American	1	0
MYH6	chr14	23405294	rs199923533	C	T	2	0	2	European	1	0
MYH6	chr14	23405321	rs763885051	T	C	2	1	1	African American	0.5	0.5
MYH6	chr14	23405643	rs149454728	G	A	3	1	2	African American	0.666666667	0.444444444
MYH6	chr14	23405659	rs750029272	G	T	4	0	4	South Asian	1	0
MYH6	chr14	23405668	rs762688602	G	T	2	2	0	Latin American 2	1	0
MYH6	chr14	23405680	rs140596256	C	T	21	7	14	European	0.952380952	0.090702948
MYH6	chr14	23405727	rs529427223	G	A	5	0	5	South Asian	1	0
MYH6	chr14	23405739	rs772216708	T	C	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23405746	rs977234074	C	T	2	1	1	African American	1	0
MYH6	chr14	23405760	rs769686237	A	G	2	1	1	European	1	0
MYH6	chr14	23407034	rs750818212	C	T	8	2	6	European	0.5	0.5
MYH6	chr14	23407063	rs727503239	C	T	5	2	3	European	1	0
MYH6	chr14	23407109	rs142850511	C	T	6	3	3	European	1	0
MYH6	chr14	23407124	rs765792077	G	A	2	0	2	European	1	0
MYH6	chr14	23407138	rs150574114	C	T	220	60	160	African American	0.490909091	0.662975207
MYH6	chr14	23407147	rs559973480	G	C	2	1	1	European	0.5	0.5
MYH6	chr14	23407153	rs1320990570	A	G	2	1	1	European	1	0
MYH6	chr14	23407154	rs573489857	G	T	31	0	31	South Asian	1	0
MYH6	chr14	23407156	rs771786844	C	T	2	0	2	European	0.5	0.5
MYH6	chr14	23407157	rs587782959	G	A	4	1	3	Latin American 2	1	0
MYH6	chr14	23407189	rs562487638	G	A	3	1	2	Latin American 1	0.333333333	0.666666667
MYH6	chr14	23407217	rs371667049	C	T	5	3	2	African American	0.6	0.56
MYH6	chr14	23382424	rs774470143	C	T	2	0	2	African American	0.5	0.5
MYH6	chr14	23382568	rs183733802	G	A	4	2	2	Latin American 1	0.75	0.375
MYH6	chr14	23382569	chr14_23382569_T_C	T	C	2	0	2	African American	0.5	0.5
MYH6	chr14	23383225	rs759126258	C	T	8	6	2	European	0.5	0.6875
MYH6	chr14	23383327	rs200509899	G	A	8	3	5	European	0.75	0.375
MYH6	chr14	23383328	rs529785746	T	G	128	42	86	European	0.5546875	0.613769531
MYH6	chr14	23383328	rs762454355	T	TG	2	1	1	European	1	0
MYH6	chr14	23383331	chr14_23383331_GA_G	GA	G	4	2	2	AFR	0.25	0.75
MYH6	chr14	23383332	rs546563498	A	G	524	172	352	European	0.454198473	0.737799371
MYH6	chr14	23383335	chr14_23383335_GT_G	GT	G	3	2	1	European	0.333333333	0.666666667
MYH6	chr14	23383336	rs566376459	T	G	686	220	466	European	0.467930029	0.726725259
MYH6	chr14	23384715	rs753745013	G	A	4	0	4	Latin American 1	0.5	0.625
MYH6	chr14	23384728	rs764779081	G	C	3	0	3	South Asian	0.666666667	0.444444444
MYH6	chr14	23386140	rs557113705	C	T	70	0	70	South Asian	0.971428571	0.055510204

MYH6	chr14	23386626	rs572175190	G	T	7	4	3	European	0.857142857	0.244897959
MYH6	chr14	23386627	rs766134513	G	T	4	3	1	European	1	0
MYH6	chr14	23386628	chr14_23386628_G_T	G	T	18	7	11	African American	0.277777778	0.790123457
MYH6	chr14	23386630	chr14_23386630_A_T	A	T	723	316	407	European	0.406639004	0.737273042
MYH6	chr14	23386630	chr14_23386630_A_G	A	G	11	3	8	European	0.363636364	0.710743802
MYH6	chr14	23386635	rs193922653	T	G	221	59	162	African American	0.457013575	0.701377941
MYH6	chr14	23386636	rs767751723	G	A	2	0	2	East Asian	1	0
MYH6	chr14	23386637	rs902807471	G	T	5	2	3	Latin American 1	1	0
MYH6	chr14	23386640	chr14_23386640_C_G	C	G	6	2	4	AFR	0.333333333	0.777777778
MYH6	chr14	23387523	rs754290268	C	T	2	0	2	Latin American 1	0.5	0.5
MYH6	chr14	23387662	rs201785356	C	G	6	4	2	African American	0.833333333	0.277777778
MYH6	chr14	23387755	rs750348638	C	T	3	0	3	Latin American 2	1	0
MYH6	chr14	23387930	rs58949384	G	A	538	176	362	African American	0.537174721	0.602119926
MYH6	chr14	23387930	chr14_23387930_G_C	G	C	21	6	15	African American	0.523809524	0.571428571
MYH6	chr14	23387933	rs1205116523	G	A	2	0	2	European	1	0
MYH6	chr14	23387940	rs776671287	C	T	4	0	4	South Asian	1	0
MYH6	chr14	23388147	rs188675676	T	G	54	27	27	East Asian	1	0
MYH6	chr14	23388150	rs193283041	T	C	55	27	28	East Asian	0.981818182	0.035702479
MYH6	chr14	23388348	rs200280718	T	G	2	1	1	European	0.5	0.5
MYH6	chr14	23389053	rs904695058	C	T	3	1	2	European	0.666666667	0.444444444
MYH6	chr14	23389057	rs770492637	T	TG	40	10	30	African American	0.8	0.34
MYH6	chr14	23389057	rs1158854454	T	G	41	16	25	European	0.463414634	0.694824509
MYH6	chr14	23389065	rs28730768	G	T	35	8	27	European	0.342857143	0.733061224
MYH6	chr14	23389065	chr14_23389065_G_C	G	C	10	3	7	Latin American 1	0.3	0.78
MYH6	chr14	23389065	chr14_23389065_G_A	G	A	3	2	1	European	1	0
MYH6	chr14	23389066	chr14_23389066_G_A	G	A	15	3	12	European	0.4	0.728888889
MYH6	chr14	23389066	chr14_23389066_G_T	G	T	11	2	9	European	0.272727273	0.809917355
MYH6	chr14	23389067	rs754263361	G	T	12	5	7	European	0.25	0.777777778
MYH6	chr14	23389068	rs563648655	G	T	10	5	5	European	0.7	0.46
MYH6	chr14	23389069	rs372226248	G	T	28	4	24	European	0.571428571	0.619897959
MYH6	chr14	23389069	chr14_23389069_G_C	G	C	7	2	5	European	0.571428571	0.571428571
MYH6	chr14	23389069	chr14_23389069_G_A	G	A	3	3	0	European	0.666666667	0.444444444
MYH6	chr14	23389070	rs529249069	G	T	92	34	58	African American	0.413043478	0.642958412
MYH6	chr14	23389385	rs367866050	G	A	52	20	32	Latin American 1	0.557692308	0.524408284
MYH6	chr14	23389519	rs772882288	T	C	3	0	3	European	1	0
MYH6	chr14	23389526	rs200883903	A	C	3	0	3	East Asian	0.666666667	0.444444444
MYH6	chr14	23390444	rs1228533339	T	C	2	0	2	African American	1	0
MYH6	chr14	23390448	rs1027186100	TG	T	30	8	22	European	0.733333333	0.448888889
MYH6	chr14	23390449	rs565446762	G	T	14	3	11	Latin American 1	0.928571429	0.132653061
MYH6	chr14	23392656	rs1351412081	C	G	14	4	10	South Asian	0.428571429	0.724489796
MYH6	chr14	23392656	chr14_23392656_C_A	C	A	6	2	4	European	0.5	0.5
MYH6	chr14	23392657	rs1412097411	A	G	17	4	13	European	0.294117647	0.761245675
MYH6	chr14	23392660	rs1335659241	A	G	10	1	9	European	0.7	0.42
MYH6	chr14	23392660	chr14_23392660_A_T	A	T	655	243	412	European	0.364885496	0.770286114
MYH6	chr14	23392662	chr14_23392662_A_C	A	C	38	13	25	European	0.342105263	0.789473684
MYH6	chr14	23392662	chr14_23392662_A_G	A	G	6	2	4	European	0.833333333	0.277777778

MYH6	chr14	23392663	rs777447828	A	G	303	88	215	European	0.478547855	0.718273808
MYH6	chr14	23392663	rs746645093	A	AG	4	1	3	European	0.5	0.625
MYH6	chr14	23392667	chr14_23392667_T_TGGGGG	T	TGGGGG	10	5	5	European	0.4	0.74
MYH6	chr14	23392906	rs1402534657	T	G	2	0	2	European	1	0
MYH6	chr14	23393334	rs940951780	C	T	3	2	1	Latin American 1	0.666666667	0.444444444
MYH6	chr14	23393521	rs376752266	G	A	4	2	2	African American	0.75	0.375
MYH6	chr14	23393523	rs770004037	C	T	2	2	0	European	1	0
MYH6	chr14	23393661	rs28730772	C	T	137	47	90	European	0.912408759	0.164846289
MYH6	chr14	23393666	rs757078942	C	T	2	1	1	European	1	0
MYH6	chr14	23394068	rs752345245	C	T	10	1	9	South Asian	0.9	0.18
MYH6	chr14	23394327	rs376527296	G	T	6	2	4	African American	0.833333333	0.277777778
MYH6	chr14	23394331	rs201624129	G	C	9	1	8	African American	0.888888889	0.197530864
MYH6	chr14	23394337	rs190342289	G	A	61	20	41	African American	0.508196721	0.645525396
MYH6	chr14	23396428	chr14_23396428_C_A	C	A	3	2	1	Latin American 1	1	0
MYH6	chr14	23396432	rs115453571	G	C	73	22	51	African American	0.534246575	0.560705573
MYH6	chr14	23396693	rs771569935	C	T	3	2	1	African American	0.666666667	0.444444444
MYH6	chr14	23396823	rs773311446	G	A	2	1	1	European	1	0
MYH6	chr14	23397536	chr14_23397536_T_C	T	C	3	1	2	East Asian	1	0
MYH6	chr14	23397545	rs369938365	G	T	5	2	3	European	0.8	0.32
MYH6	chr14	23397627	rs573517144	G	A	4	0	4	South Asian	1	0
MYH6	chr14	23399044	rs374941865	G	A	3	0	3	European	1	0
MYH6	chr14	23399049	rs574931386	G	A	5	1	4	European	0.8	0.32
MYH6	chr14	23400253	rs1333051527	C	T	2	1	1	European	1	0
MYH6	chr14	23400709	rs139886074	G	A	16	3	13	Latin American 1	0.375	0.6953125
MYH6	chr14	23402456	rs377327277	C	A	34	13	21	Latin American 1	0.529411765	0.569204152
MYH6	chr14	23402815	rs886050412	G	A	2	0	2	European	0.5	0.5
MYH6	chr14	23403342	rs370158816	G	A	3	2	1	African American	1	0
MYH6	chr14	23403451	rs727505228	G	A	2	1	1	East Asian	0.5	0.5
MYH6	chr14	23403453	rs538318997	T	G	4	0	4	South Asian	1	0
MYH6	chr14	23403461	rs1003284412	G	C	2	1	1	Latin American 2	1	0
MYH6	chr14	23404393	rs199859986	G	A	35	12	23	European	0.828571429	0.305306122
MYH6	chr14	23404828	rs755395894	G	A	8	5	3	European	0.875	0.21875
MYH6	chr14	23405135	chr14_23405135_A_G	A	G	2	0	2	European	1	0
MYH6	chr14	23405381	rs141187241	T	C	7	1	6	African American	0.571428571	0.489795918
MYH6	chr14	23405394	rs773519707	A	G	2	0	2	Latin American 2	1	0
MYH6	chr14	23405781	rs374248120	C	T	5	1	4	European	0.4	0.72
MYH6	chr14	23405782	rs566157802	G	A	7	3	4	African American	0.428571429	0.693877551
MYH6	chr14	23407610	rs991798370	T	C	3	1	2	African American	0.666666667	0.444444444
MYH6	chr14	23407616	rs187963893	G	A	2	0	2	African American	0.5	0.5
PSEN1	chr14	73148066	rs199759305	T	G	2	1	1	European	1	0
PSEN1	chr14	73148087	rs568497767	G	A	2	0	2	South Asian	1	0
PSEN1	chr14	73148099	rs149562759	G	A	2	0	2	European	1	0
PSEN1	chr14	73170804	rs200824179	A	G	4	0	4	South Asian	1	0
PSEN1	chr14	73170812	rs746691776	C	T	4	0	4	Latin American 2	0.75	0.375
PSEN1	chr14	73170813	rs63750592	G	A	20	8	12	European	0.9	0.185
PSEN1	chr14	73170824	rs759538127	AACG	A	8	2	6	European	0.75	0.40625

PSEN1	chr14	73170830	chr14_73170830_A_G	A	G	2	0	2	Latin American 2	0.5	0.5
PSEN1	chr14	73170831	rs769125155	G	GGCC	2	1	1	European	1	0
PSEN1	chr14	73170833	rs140189461	C	G	2	0	2	European	1	0
PSEN1	chr14	73170834	rs367775281	G	T	2	1	1	European	1	0
PSEN1	chr14	73170854	rs200373970	C	G	14	4	10	African American	0.5	0.642857143
PSEN1	chr14	73170870	rs201216284	G	A	3	0	3	Latin American 2	1	0
PSEN1	chr14	73170945	rs63749824	C	T	9	9	0	European	0.888888889	0.197530864
PSEN1	chr14	73170998	rs63750852	G	A	2	0	2	East Asian	0.5	0.5
PSEN1	chr14	73173571	rs63750450	A	G	2	2	0	European	1	0
PSEN1	chr14	73173642	rs63751037	A	G	2	2	0	European	1	0
PSEN1	chr14	73173669	rs747363386	A	G	4	3	1	Latin American 1	0.75	0.375
PSEN1	chr14	73186860	rs63750590	A	G	5	5	0	European	1	0
PSEN1	chr14	73192661	rs556147068	A	G	3	0	3	Latin American 1	1	0
PSEN1	chr14	73192663	rs781431904	A	G	2	0	2	South Asian	1	0
PSEN1	chr14	73192687	rs201375628	G	C	3	3	0	European	1	0
PSEN1	chr14	73192712	rs63750082	G	C	47	44	3	Latin American 1	1	0
PSEN1	chr14	73192748	rs140064975	C	T	2	1	1	European	1	0
PSEN1	chr14	73192754	rs763831389	G	A	4	3	1	African American	0.5	0.5
PSEN1	chr14	73192774	chr14_73192774_A_C	A	C	238	76	162	European	0.420168067	0.735329426
PSEN1	chr14	73192786	rs63749836	G	A	2	2	0	European	1	0
PSEN1	chr14	73192828	rs63750888	A	C	2	2	0	East Asian	1	0
PSEN1	chr14	73198052	rs63750301	C	T	2	2	0	European	1	0
PSEN1	chr14	73198067	rs63750900	G	A	5	5	0	European	0.6	0.48
PSEN1	chr14	73206388	chr14_73206388_A_G	A	G	5	1	4	Latin American 1	0.6	0.56
PSEN1	chr14	73206449	rs115865530	A	G	8	2	6	European	0.5	0.65625
PSEN1	chr14	73211811	rs121917809	A	G	13	7	6	African American	0.538461538	0.627218935
PSEN1	chr14	73211816	rs138871096	G	A	3	0	3	European	0.666666667	0.444444444
PSEN1	chr14	73211847	rs1018763711	A	G	3	1	2	European	1	0
PSEN1	chr14	73211876	rs376433615	C	T	4	2	2	African American	0.5	0.5
PSEN1	chr14	73211886	rs63751174	G	A	6	1	5	European	0.333333333	0.722222222
PSEN1	chr14	73211886	chr14_73211886_G_C	G	C	4	2	2	European	1	0
PSEN1	chr14	73211891	rs199715992	G	A	3	1	2	European	1	0
PSEN1	chr14	73217165	chr14_73217165_G_A	G	A	2	2	0	Latin American 1	1	0
PSEN1	chr14	73217225	rs661	G	A	2	2	0	European	1	0
PSEN1	chr14	73219161	rs63751223	G	C	3	3	0	European	1	0
PSEN1	chr14	73219177	rs63750083	C	A	7	7	0	Latin American 2	1	0
PSEN1	chr14	73219225	chr14_73219225_T_C	T	C	3	2	1	East Asian	1	0
VASH1	chr14	76762861	rs374959372	G	T	2	1	1	European	1	0
VASH1	chr14	76762874	rs756027617	C	T	2	0	2	East Asian	1	0
VASH1	chr14	76762886	rs779164121	C	T	3	0	3	South Asian	1	0
VASH1	chr14	76762892	rs369529500	C	A	29	10	19	European	0.793103448	0.354340071
VASH1	chr14	76762906	rs1228941258	A	G	2	0	2	African American	0.5	0.5
VASH1	chr14	76762931	rs1392398140	C	G	8	2	6	Latin American 1	0.875	0.21875
VASH1	chr14	76763010	rs748367098	C	G	3	0	3	Latin American 2	0.666666667	0.444444444
VASH1	chr14	76763014	rs577900620	G	C	3	0	3	South Asian	1	0
VASH1	chr14	76763071	rs747044282	A	T	4	3	1	European	0.75	0.375

VASH1	chr14	76763095	rs868471716	G	A	3	2	1	East Asian	0.666666667	0.444444444
VASH1	chr14	76763096	rs369339672	C	T	2	0	2	European	0.5	0.5
VASH1	chr14	76763110	rs1013420374	G	A	4	1	3	European	1	0
VASH1	chr14	76763114	rs1414110266	C	T	2	0	2	East Asian	0.5	0.5
VASH1	chr14	76769969	chr14_76769969_A_C	A	C	10	2	8	European	0.5	0.68
VASH1	chr14	76769985	rs150278014	C	T	13	1	12	South Asian	0.461538462	0.674556213
VASH1	chr14	76769994	rs780666389	C	T	2	0	2	AFR	1	0
VASH1	chr14	76770003	chr14_76770003_C_G	C	G	2	1	1	Latin American 1	1	0
VASH1	chr14	76770014	rs145801473	C	T	3	0	3	European	0.666666667	0.444444444
VASH1	chr14	76771225	rs938226811	A	G	25	23	2	Latin American 1	1	0
VASH1	chr14	76773171	rs770991695	G	T	3	1	2	East Asian	1	0
VASH1	chr14	76775923	rs1020147157	C	T	11	5	6	Latin American 1	1	0
VASH1	chr14	76775992	rs200045558	T	C	2	2	0	European	1	0
VASH1	chr14	76776001	rs958707889	C	T	2	0	2	African American	0.5	0.5
VASH1	chr14	76776118	chr14_76776118_G_A	G	A	2	0	2	European	1	0
VASH1	chr14	76776177	chr14_76776177_G_C	G	C	5	0	5	South Asian	1	0
VASH1	chr14	76776211	rs773750240	C	G	2	1	1	East Asian	0.5	0.5
VASH1	chr14	76776223	rs983058154	G	A	9	2	7	Latin American 1	1	0
VASH1	chr14	76777960	rs199512010	T	C	19	6	13	European	0.684210526	0.498614958
VASH1	chr14	76778008	rs746325381	A	G	3	0	3	Latin American 1	0.666666667	0.444444444
VASH1	chr14	76778020	rs756563704	C	T	3	0	3	Latin American 1	0.666666667	0.444444444
VASH1	chr14	76778032	rs554460179	A	G	2	0	2	European	0.5	0.5
VASH1	chr14	76778951	rs549007706	C	T	3	0	3	South Asian	1	0
VASH1	chr14	76778958	rs780375125	CAAG	C	6	1	5	South Asian	0.666666667	0.444444444
VASH1	chr14	76778963	rs1028528816	A	C	11	2	9	Latin American 1	0.909090909	0.165289256
VASH1	chr14	76778993	rs1048082716	T	G	2	0	2	African American	1	0
VASH1	chr14	76779010	rs766846068	C	T	2	0	2	African American	0.5	0.5
SPTLC2	chr14	77512309	rs138652708	G	A	175	58	117	European	0.742857143	0.426383673
SPTLC2	chr14	77512345	rs763898397	C	T	3	0	3	European	1	0
SPTLC2	chr14	77512351	rs375384785	C	T	3	1	2	African American	1	0
SPTLC2	chr14	77518154	rs1317731653	C	G	2	1	1	African American	1	0
SPTLC2	chr14	77521531	rs747168398	G	A	2	1	1	African American	0.5	0.5
SPTLC2	chr14	77521572	rs116342919	C	T	23	22	1	Latin American 1	1	0
SPTLC2	chr14	77552152	rs577862696	A	G	5	0	5	South Asian	1	0
SPTLC2	chr14	77552203	rs143757018	C	T	27	24	3	Latin American 1	0.851851852	0.260631001
SPTLC2	chr14	77555304	rs114940503	T	C	21	7	14	African American	0.571428571	0.557823129
SPTLC2	chr14	77555406	rs375669404	C	T	5	1	4	European	0.4	0.64
SPTLC2	chr14	77555499	rs116822112	C	T	3	3	0	European	0.666666667	0.444444444
SPTLC2	chr14	77557086	rs761038205	C	T	2	1	1	European	0.5	0.5
SPTLC2	chr14	77562420	chr14_77562420_T_G	T	G	5	1	4	Native American	0.6	0.56
SPTLC2	chr14	77562485	rs572378641	C	G	13	0	13	South Asian	1	0
SPTLC2	chr14	77570473	chr14_77570473_C_T	C	T	2	0	2	East Asian	0.5	0.5
SPTLC2	chr14	77576892	rs75565823	C	G	216	64	152	African American	0.50462963	0.633659122
SPTLC2	chr14	77576896	rs762005720	T	C	2	0	2	European	1	0
SPTLC2	chr14	77576899	rs767761435	T	C	2	1	1	European	0.5	0.5
SPTLC2	chr14	77578977	rs1205341271	G	T	2	1	1	European	1	0

SPTLC2	chr14	77579002	rs749262868	C	A	3	2	1	East Asian	1	0
SPTLC2	chr14	77579022	rs150036058	A	G	3	2	1	European	1	0
SPTLC2	chr14	77579030	rs760762454	C	T	4	0	4	South Asian	1	0
SPTLC2	chr14	77597194	chr14_77597194_C_T	C	T	3	0	3	East Asian	1	0
SPTLC2	chr14	77597275	rs776997699	C	T	2	0	2	European	0.5	0.5
SPTLC2	chr14	77597359	rs746133060	C	T	2	1	1	European	1	0
SPTLC2	chr14	77616452	rs759802248	CCGGCGGCGG	C	2	0	2	East Asian	0.5	0.5
SPTLC2	chr14	77616457	rs577436926	GGCGGCT	G	70	16	54	African American	0.614285714	0.556326531
SPTLC2	chr14	77616457	rs767978553	G	GGCGGCT	4	1	3	European	0.5	0.625
SPTLC2	chr14	77616481	rs763621248	G	T	4	2	2	African American	1	0
SPTLC2	chr14	77616507	rs1017782894	C	G	2	1	1	East Asian	1	0
SPTLC2	chr14	77616543	rs756336007	T	TGCG	4	3	1	East Asian	1	0
POLR2M	chr15	57706855	chr15_57706855_C_T	C	T	2	1	1	Latin American 1	1	0
POLR2M	chr15	57706859	rs369875700	G	A	9	3	6	European	0.777777778	0.37037037
POLR2M	chr15	57706882	rs1441196656	G	A	2	0	2	African American	0.5	0.5
POLR2M	chr15	57706884	rs150413697	G	C	100	35	65	African American	0.35	0.7192
POLR2M	chr15	57706907	rs1303169211	T	C	2	1	1	Latin American 2	1	0
POLR2M	chr15	57706929	rs143786017	G	T	19	8	11	European	0.789473684	0.332409972
POLR2M	chr15	57706948	rs759292733	C	T	5	2	3	African American	1	0
POLR2M	chr15	57708775	rs376259791	A	C	9	2	7	European	1	0
POLR2M	chr15	57708779	rs747766853	C	T	5	0	5	Latin American 2	1	0
POLR2M	chr15	57708830	rs564578717	C	T	5	0	5	South Asian	1	0
POLR2M	chr15	57708836	rs757506257	G	C	2	0	2	East Asian	1	0
POLR2M	chr15	57708844	rs142111452	T	C	6	2	4	African American	0.5	0.666666667
POLR2M	chr15	57708900	rs146680768	G	T	25	8	17	Latin American 1	0.68	0.4896
POLR2M	chr15	57708976	rs748933077	A	C	115	11	104	European	0.982608696	0.034328922
POLR2M	chr15	57708988	rs770362164	C	G	3	0	3	African American	0.666666667	0.444444444
POLR2M	chr15	57709006	rs772087924	A	G	4	1	3	African American	1	0
POLR2M	chr15	57709052	rs1168700972	A	G	2	2	0	Latin American 2	1	0
POLR2M	chr15	57709058	rs150624904	G	T	90	30	60	European	0.711111111	0.442716049
POLR2M	chr15	57709090	rs148967635	C	T	33	11	22	African American	0.484848485	0.629935721
POLR2M	chr15	57709103	rs776514950	C	G	4	2	2	European	0.5	0.625
POLR2M	chr15	57709109	rs1278352059	A	G	3	0	3	Latin American 1	1	0
POLR2M	chr15	57709127	rs147063275	G	A	11	3	8	European	0.818181818	0.297520661
POLR2M	chr15	57709142	rs186295545	C	T	23	9	14	Latin American 1	0.782608696	0.355387524
POLR2M	chr15	57709201	rs372856991	A	G	5	3	2	European	1	0
POLR2M	chr15	57709205	rs139689651	C	T	76	30	46	European	0.697368421	0.489612188
POLR2M	chr15	57709214	rs746010328	G	A	2	0	2	European	1	0
POLR2M	chr15	57709226	rs143723126	C	T	157	55	102	African American	0.605095541	0.558724492
POLR2M	chr15	57709237	rs546736463	G	A	3	0	3	South Asian	1	0
POLR2M	chr15	57709355	rs181483928	A	G	9	3	6	European	0.888888889	0.197530864
POLR2M	chr15	57712039	rs753164094	A	G	7	2	5	European	0.428571429	0.612244898
POLR2M	chr15	57712048	rs149603270	G	A	15	2	13	African American	0.666666667	0.506666667
POLR2M	chr15	57712054	rs764472139	C	T	2	2	0	East Asian	0.5	0.5
POLR2M	chr15	57712055	rs535153229	G	A	5	0	5	South Asian	1	0
POLR2M	chr15	57712057	rs375123004	C	T	3	0	3	Latin American 2	0.666666667	0.444444444

POLR2M	chr15	57712060	rs61742647	C	T	163	50	113	African American	0.576687117	0.57277278
POLR2M	chr15	57712061	rs191581515	G	T	2	2	0	European	1	0
POLR2M	chr15	57712075	rs1444005000	C	T	41	8	33	African American	0.43902439	0.660321237
POLR2M	chr15	57712099	rs202121342	C	T	9	1	8	East Asian	0.666666667	0.49382716
POLR2M	chr15	57712118	rs746293165	A	G	2	1	1	European	1	0
POLR2M	chr15	57712127	rs372198478	C	T	4	1	3	European	1	0
POLR2M	chr15	57712142	rs145935845	T	C	4	2	2	European	1	0
POLR2M	chr15	57714554	rs201582621	G	A	2	1	1	European	1	0
POLR2M	chr15	57714558	rs142219594	C	T	5	1	4	African American	0.6	0.56
POLR2M	chr15	57714560	rs199795787	C	G	5	3	2	European	1	0
POLR2M	chr15	57714633	rs377736232	G	A	3	2	1	European	0.666666667	0.444444444
POLR2M	chr15	57714650	rs200346640	G	A	5	1	4	European	1	0
POLR2M	chr15	57714656	rs113738650	G	A	359	121	238	East Asian	0.598885794	0.604433547
POLR2M	chr15	57714668	rs1252530115	G	A	2	1	1	European	0.5	0.5
POLR2M	chr15	57735474	chr15_57735474_C_T	C	T	3	2	1	European	1	0
POLR2M	chr15	57735494	rs535618156	C	T	2	0	2	European	0.5	0.5
POLR2M	chr15	57735495	rs753101703	G	A	7	1	6	African American	0.428571429	0.693877551
POLR2M	chr15	57735505	rs1236689882	G	A	6	0	6	Latin American 1	0.666666667	0.5
POLR2M	chr15	57735536	rs778236032	G	A	6	4	2	Latin American 1	0.5	0.611111111
POLR2M	chr15	57735557	rs1310198797	G	A	4	0	4	African American	0.75	0.375
AKAP13	chr15	85521464	rs1289947220	G	C	2	0	2	Latin American 1	1	0
AKAP13	chr15	85521482	rs757388189	G	A	5	0	5	Latin American 2	0.8	0.32
AKAP13	chr15	85521491	rs139333419	T	C	4	2	2	European	0.5	0.5
AKAP13	chr15	85521492	chr15_85521492_A_G	A	G	5	2	3	Native American	0.6	0.48
AKAP13	chr15	85521504	rs747976758	T	C	3	0	3	South Asian	1	0
AKAP13	chr15	85521518	rs770686231	C	T	4	0	4	South Asian	1	0
AKAP13	chr15	85521519	rs142964345	G	A	17	7	10	African American	0.705882353	0.442906574
AKAP13	chr15	85521536	rs765635230	C	T	3	1	2	European	0.666666667	0.444444444
AKAP13	chr15	85521545	rs1398671766	A	G	2	1	1	European	1	0
AKAP13	chr15	85521567	rs371620269	T	C	2	1	1	East Asian	0.5	0.5
AKAP13	chr15	85533614	rs762293575	A	T	6	3	3	East Asian	0.833333333	0.277777778
AKAP13	chr15	85533623	rs371046040	C	G	12	2	10	African American	0.333333333	0.666666667
AKAP13	chr15	85533655	rs116551873	G	T	8	2	6	East Asian	0.75	0.375
AKAP13	chr15	85533676	rs114690403	G	A	16	3	13	Latin American 2	0.375	0.765625
AKAP13	chr15	85533680	rs140192469	A	G	3	1	2	European	1	0
AKAP13	chr15	85533683	rs1404268182	A	G	3	1	2	Latin American 2	1	0
AKAP13	chr15	85533691	rs959866936	T	C	3	2	1	African American	0.333333333	0.666666667
AKAP13	chr15	85533692	rs779331144	A	G	4	1	3	South Asian	0.75	0.375
AKAP13	chr15	85533715	rs751917747	A	G	2	0	2	Latin American 1	0.5	0.5
AKAP13	chr15	85533720	rs759795627	T	A	2	0	2	Latin American 2	1	0
AKAP13	chr15	85533733	rs767591228	C	G	3	1	2	East Asian	1	0
AKAP13	chr15	85533751	rs753501133	C	T	2	0	2	African American	0.5	0.5
AKAP13	chr15	85533752	rs990608403	G	A	2	0	2	Latin American 1	0.5	0.5
AKAP13	chr15	85533807	rs151064385	G	T	4	2	2	European	1	0
AKAP13	chr15	85533842	rs373706610	C	T	6	0	6	Latin American 1	0.5	0.611111111
AKAP13	chr15	85533866	rs115160225	A	G	145	48	97	African American	0.537931034	0.602425684

AKAP13	chr15	85543783	rs576412136	C	G	16	9	7	Latin American 1	0.875	0.21875
AKAP13	chr15	85543845	rs775361535	G	T	8	0	8	South Asian	1	0
AKAP13	chr15	85543856	rs774109201	G	T	2	0	2	South Asian	1	0
AKAP13	chr15	85543861	rs114777682	C	T	87	28	59	East Asian	0.91954023	0.151935526
AKAP13	chr15	85543862	rs767963974	G	A	2	1	1	East Asian	0.5	0.5
AKAP13	chr15	85543868	rs114660587	C	T	45	12	33	African American	0.555555556	0.571851852
AKAP13	chr15	85543881	rs200112313	C	G	9	5	4	European	1	0
AKAP13	chr15	85543885	rs143476050	C	A	3	2	1	European	1	0
AKAP13	chr15	85543912	rs747893582	G	A	2	0	2	European	1	0
AKAP13	chr15	85543936	rs146115074	C	G	31	13	18	European	0.806451613	0.330905307
AKAP13	chr15	85575141	rs116039213	G	C	13	6	7	East Asian	1	0
AKAP13	chr15	85575181	rs368469513	C	T	3	0	3	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85575184	rs114219897	A	C	19	1	18	European	0.789473684	0.360110803
AKAP13	chr15	85575214	rs201565811	A	T	53	6	47	Latin American 2	0.622641509	0.46991812
AKAP13	chr15	85575285	rs202065769	A	G	7	2	5	European	1	0
AKAP13	chr15	85575286	rs139228938	C	G	7	3	4	European	0.714285714	0.448979592
AKAP13	chr15	85575294	rs115410282	A	G	33	13	20	East Asian	0.939393939	0.115702479
AKAP13	chr15	85575328	rs149986294	T	C	2	1	1	African American	1	0
AKAP13	chr15	85578967	rs753072762	T	C	3	2	1	European	1	0
AKAP13	chr15	85579033	rs140842808	C	T	3	0	3	European	0.666666667	0.444444444
AKAP13	chr15	85579054	rs115657055	G	A	8	4	4	East Asian	1	0
AKAP13	chr15	85579060	rs116090433	C	T	73	16	57	African American	0.575342466	0.54832051
AKAP13	chr15	85579068	rs73452430	G	A	310	81	229	African American	0.558064516	0.601186264
AKAP13	chr15	85579083	rs79064356	A	T	59	25	34	East Asian	0.966101695	0.066072968
AKAP13	chr15	85579099	rs116715824	G	A	6	2	4	European	1	0
AKAP13	chr15	85579157	rs762478169	G	C	3	2	1	European	0.666666667	0.444444444
AKAP13	chr15	85579167	rs140056616	C	G	14	0	14	South Asian	0.928571429	0.132653061
AKAP13	chr15	85579167	chr15_85579167_C_T	C	T	4	1	3	Latin American 1	0.75	0.375
AKAP13	chr15	85579168	rs367656156	G	A	4	2	2	European	0.5	0.625
AKAP13	chr15	85579192	rs757003460	G	A	6	3	3	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85579194	rs115123806	G	A	186	69	117	African American	0.456989247	0.604347323
AKAP13	chr15	85579207	rs115984398	G	C	11	7	4	East Asian	0.818181818	0.314049587
AKAP13	chr15	85579252	rs534098467	C	G	30	0	30	South Asian	0.966666667	0.064444444
AKAP13	chr15	85579297	rs747772241	A	G	2	1	1	European	1	0
AKAP13	chr15	85579303	rs574002505	C	T	2	1	1	European	0.5	0.5
AKAP13	chr15	85579321	rs116178459	G	C	2	1	1	European	1	0
AKAP13	chr15	85579366	rs753793034	C	G	2	0	2	Latin American 2	1	0
AKAP13	chr15	85579373	rs201441822	C	A	25	3	22	Latin American 2	0.72	0.4032
AKAP13	chr15	85579389	rs771276525	A	G	3	0	3	Native American	0.666666667	0.444444444
AKAP13	chr15	85579417	rs760053210	T	C	3	1	2	European	0.666666667	0.444444444
AKAP13	chr15	85579422	rs1389898186	A	G	5	2	3	African American	0.8	0.32
AKAP13	chr15	85579450	chr15_85579450_C_T	C	T	2	1	1	African American	1	0
AKAP13	chr15	85579489	rs149404999	G	C	5	1	4	European	1	0
AKAP13	chr15	85579524	chr15_85579524_C_G	C	G	2	0	2	Latin American 2	0.5	0.5
AKAP13	chr15	85579529	rs111631396	G	A	56	13	43	African American	0.553571429	0.607780612
AKAP13	chr15	85579534	rs114358244	C	T	128	39	89	European	0.5390625	0.62512207

AKAP13	chr15	85579576	rs370099086	G	A	2	0	2	European	0.5	0.5
AKAP13	chr15	85579581	rs1420215822	A	G	2	0	2	South Asian	1	0
AKAP13	chr15	85579618	rs749767494	G	A	2	1	1	European	0.5	0.5
AKAP13	chr15	85579629	rs140751689	G	C	3	0	3	African American	0.666666667	0.444444444
AKAP13	chr15	85579648	rs114851088	C	G	3	2	1	European	0.666666667	0.444444444
AKAP13	chr15	85579666	chr15_85579666_T_A	T	A	2	0	2	South Asian	1	0
AKAP13	chr15	85579678	rs115385197	C	T	19	4	15	African American	0.526315789	0.542936288
AKAP13	chr15	85579729	rs145602546	C	G	38	11	27	African American	0.526315789	0.522160665
AKAP13	chr15	85579735	rs186091653	G	A	54	12	42	Latin American 1	0.888888889	0.205075446
AKAP13	chr15	85579744	rs774109791	A	G	5	1	4	Latin American 1	0.4	0.64
AKAP13	chr15	85579747	rs142726559	C	T	12	3	9	African American	0.75	0.416666667
AKAP13	chr15	85579812	rs140849986	G	C	4	3	1	Latin American 1	0.5	0.625
AKAP13	chr15	85579818	rs115087152	C	A	22	9	13	East Asian	0.909090909	0.165289256
AKAP13	chr15	85579836	rs760113840	C	A	2	1	1	African American	1	0
AKAP13	chr15	85579837	rs753437582	C	T	2	0	2	South Asian	1	0
AKAP13	chr15	85579846	rs113831353	C	G	125	37	88	African American	0.672	0.498688
AKAP13	chr15	85579876	rs114785802	C	G	4	1	3	East Asian	1	0
AKAP13	chr15	85579911	rs61731842	A	G	4	0	4	African American	0.5	0.5
AKAP13	chr15	85579915	rs773228617	C	T	5	0	5	Latin American 2	0.6	0.48
AKAP13	chr15	85579923	rs775726341	G	C	2	1	1	European	1	0
AKAP13	chr15	85579933	chr15_85579933_T_C	T	C	2	1	1	European	1	0
AKAP13	chr15	85579977	rs766947167	A	G	7	2	5	European	0.857142857	0.244897959
AKAP13	chr15	85580019	rs151229540	C	T	17	6	11	European	0.823529412	0.30449827
AKAP13	chr15	85580031	rs371267734	A	G	2	2	0	African American	1	0
AKAP13	chr15	85580034	rs1028534305	A	G	3	1	2	Native American	1	0
AKAP13	chr15	85580037	rs752381792	G	A	3	1	2	European	1	0
AKAP13	chr15	85580070	rs1180255641	C	A	3	0	3	African American	0.333333333	0.666666667
AKAP13	chr15	85580085	rs754071781	A	C	4	2	2	European	0.75	0.375
AKAP13	chr15	85580134	rs140010500	A	T	3	1	2	European	1	0
AKAP13	chr15	85580137	rs779615006	C	A	2	1	1	European	1	0
AKAP13	chr15	85580167	rs754072379	C	T	2	0	2	European	1	0
AKAP13	chr15	85580179	rs1297496292	C	T	3	1	2	East Asian	0.666666667	0.444444444
AKAP13	chr15	85580181	rs367724744	G	A	4	2	2	African American	0.75	0.375
AKAP13	chr15	85580205	rs182951551	C	A	61	7	54	Latin American 2	0.590163934	0.48374093
AKAP13	chr15	85580226	rs115899691	G	T	221	70	151	African American	0.610859729	0.551708605
AKAP13	chr15	85580229	rs1171870839	C	T	2	0	2	European	0.5	0.5
AKAP13	chr15	85580232	rs761236898	G	A	2	1	1	European	0.5	0.5
AKAP13	chr15	85580254	rs112484391	C	T	3	0	3	European	0.333333333	0.666666667
AKAP13	chr15	85580258	rs146531116	T	A	14	6	8	African American	0.428571429	0.642857143
AKAP13	chr15	85580265	rs775639445	C	G	6	3	3	East Asian	1	0
AKAP13	chr15	85580284	rs1011555174	A	G	2	0	2	European	1	0
AKAP13	chr15	85580338	rs143201252	A	G	46	14	32	European	0.891304348	0.201323251
AKAP13	chr15	85580355	rs773065285	C	T	5	0	5	African American	0.8	0.32
AKAP13	chr15	85580364	rs766366935	G	A	2	0	2	South Asian	1	0
AKAP13	chr15	85580409	rs769926385	T	G	3	0	3	Latin American 2	0.666666667	0.444444444
AKAP13	chr15	85580423	rs192631225	C	G	3	1	2	East Asian	1	0

AKAP13	chr15	85580485	rs541378791	C	T	2	0	2	Latin American 2	1	0
AKAP13	chr15	85580497	rs201020686	A	G	4	1	3	European	1	0
AKAP13	chr15	85580499	chr15_85580499_A_G	A	G	2	1	1	Latin American 1	1	0
AKAP13	chr15	85580505	rs780499518	A	G	2	0	2	South Asian	1	0
AKAP13	chr15	85580527	rs201694916	C	T	6	2	4	European	1	0
AKAP13	chr15	85580539	rs114705815	A	T	224	76	148	European	0.919642857	0.152463329
AKAP13	chr15	85580569	rs756421637	A	G	3	0	3	European	0.666666667	0.444444444
AKAP13	chr15	85580570	rs780591386	G	T	2	0	2	European	0.5	0.5
AKAP13	chr15	85580578	rs114703106	C	T	393	125	268	European	0.720101781	0.456241219
AKAP13	chr15	85580578	chr15_85580578_C_A	C	A	2	1	1	European	1	0
AKAP13	chr15	85580581	rs147029167	G	A	4	1	3	Latin American 2	0.75	0.375
AKAP13	chr15	85580602	chr15_85580602_T_G	T	G	205	66	139	European	0.756097561	0.407995241
AKAP13	chr15	85580628	rs144288070	G	A	12	8	4	Latin American 1	0.666666667	0.486111111
AKAP13	chr15	85580635	chr15_85580635_T_C	T	C	2	1	1	European	1	0
AKAP13	chr15	85580643	rs201309736	G	A	12	6	6	European	0.5	0.569444444
AKAP13	chr15	85580659	rs758805052	G	A	3	1	2	European	0.666666667	0.444444444
AKAP13	chr15	85580701	rs114075066	C	T	14	5	9	East Asian	1	0
AKAP13	chr15	85580703	rs760310221	G	A	11	4	7	East Asian	1	0
AKAP13	chr15	85580724	rs116479144	A	G	33	15	18	African American	0.727272727	0.411386593
AKAP13	chr15	85580736	rs753221850	A	G	6	2	4	East Asian	1	0
AKAP13	chr15	85580830	rs79828763	C	G	301	82	219	African American	0.481727575	0.637321884
AKAP13	chr15	85580860	rs199817872	C	T	14	2	12	Latin American 2	0.642857143	0.5
AKAP13	chr15	85580872	rs139043547	C	T	12	4	8	African American	0.583333333	0.486111111
AKAP13	chr15	85580898	rs149904784	T	C	54	16	38	Latin American 1	0.518518519	0.574074074
AKAP13	chr15	85580899	rs144970859	C	T	10	1	9	African American	0.6	0.54
AKAP13	chr15	85580908	rs778759962	T	C	3	2	1	European	1	0
AKAP13	chr15	85580919	rs560778376	C	G	65	2	63	South Asian	0.984615385	0.030295858
AKAP13	chr15	85580982	rs997036828	T	C	2	0	2	European	1	0
AKAP13	chr15	85580997	rs777734057	G	A	2	2	0	European	1	0
AKAP13	chr15	85581019	rs141822123	C	T	9	5	4	African American	0.555555556	0.567901235
AKAP13	chr15	85581048	rs112778096	G	A	5	3	2	European	0.8	0.32
AKAP13	chr15	85581072	rs111499130	G	A	56	13	43	African American	0.553571429	0.607780612
AKAP13	chr15	85581098	rs1343012406	A	T	2	1	1	European	1	0
AKAP13	chr15	85581108	rs138265569	G	T	11	4	7	African American	0.818181818	0.297520661
AKAP13	chr15	85581117	rs373307726	C	G	12	8	4	European	0.916666667	0.152777778
AKAP13	chr15	85581190	rs764122141	CTCTGTTGCCA	C	15	7	8	European	0.6	0.524444444
AKAP13	chr15	85581246	rs372655714	A	C	4	3	1	European	0.75	0.375
AKAP13	chr15	85581268	rs114185694	T	G	10	6	4	European	1	0
AKAP13	chr15	85581303	chr15_85581303_A_G	A	G	2	0	2	European	1	0
AKAP13	chr15	85581331	rs776089298	C	T	7	2	5	Latin American 1	0.428571429	0.653061224
AKAP13	chr15	85581368	rs141804908	G	A	9	5	4	African American	0.888888889	0.197530864
AKAP13	chr15	85581396	rs142529641	C	T	2	1	1	European	1	0
AKAP13	chr15	85581426	rs757567881	G	A	3	0	3	Latin American 2	0.333333333	0.666666667
AKAP13	chr15	85581453	rs779149455	G	A	4	1	3	European	0.75	0.375
AKAP13	chr15	85581480	rs140372827	G	T	54	24	30	European	0.907407407	0.172153635
AKAP13	chr15	85581483	rs375690520	A	G	4	0	4	European	0.75	0.375

AKAP13	chr15	85581504	rs767856592	G	A	2	0	2	European	1	0
AKAP13	chr15	85581556	rs373400964	A	C	2	2	0	European	1	0
AKAP13	chr15	85581562	rs1389100006	C	T	2	0	2	European	1	0
AKAP13	chr15	85581588	rs147919379	G	A	3	2	1	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85581589	rs374286995	C	G	2	1	1	European	0.5	0.5
AKAP13	chr15	85581610	rs367642917	A	G	6	2	4	European	1	0
AKAP13	chr15	85581635	rs760988060	G	T	8	2	6	East Asian	1	0
AKAP13	chr15	85581686	rs145429082	T	A	39	14	25	European	0.58974359	0.585141354
AKAP13	chr15	85581693	rs751773181	C	G	2	2	0	East Asian	1	0
AKAP13	chr15	85581694	rs143251715	C	T	54	13	41	African American	0.537037037	0.619341564
AKAP13	chr15	85581754	rs767596014	C	G	2	0	2	African American	0.5	0.5
AKAP13	chr15	85581757	rs368657000	T	C	4	1	3	European	1	0
AKAP13	chr15	85581783	rs776205323	G	A	4	0	4	European	1	0
AKAP13	chr15	85581810	rs114556336	A	G	22	16	6	East Asian	1	0
AKAP13	chr15	85581828	rs759396524	C	T	2	0	2	European	0.5	0.5
AKAP13	chr15	85581838	rs758332238	A	T	2	0	2	South Asian	1	0
AKAP13	chr15	85581849	rs114446918	G	A	8	2	6	Latin American 1	0.875	0.21875
AKAP13	chr15	85581867	rs150794633	G	C	9	3	6	African American	0.555555556	0.567901235
AKAP13	chr15	85581895	rs115527863	G	A	11	6	5	European	0.818181818	0.314049587
AKAP13	chr15	85581897	rs374061085	C	T	5	3	2	African American	0.8	0.32
AKAP13	chr15	85581949	rs201900357	G	A	6	2	4	European	1	0
AKAP13	chr15	85582005	rs200410789	A	G	7	2	5	African American	0.857142857	0.244897959
AKAP13	chr15	85582030	rs779156339	G	A	2	1	1	European	1	0
AKAP13	chr15	85582057	rs781461759	A	G	4	1	3	Latin American 1	0.75	0.375
AKAP13	chr15	85582088	rs147390824	G	C	5	2	3	European	1	0
AKAP13	chr15	85582090	rs1346595217	G	A	2	2	0	European	1	0
AKAP13	chr15	85585812	rs781171704	A	G	2	1	1	European	0.5	0.5
AKAP13	chr15	85639389	rs1330063743	T	A	4	1	3	European	1	0
AKAP13	chr15	85639417	rs763244043	C	G	8	3	5	East Asian	1	0
AKAP13	chr15	85639431	rs114836739	G	A	21	10	11	European	0.714285714	0.430839002
AKAP13	chr15	85645820	rs1419085063	T	C	2	1	1	European	1	0
AKAP13	chr15	85645821	chr15_85645821_G_T	G	T	2	0	2	African American	0.5	0.5
AKAP13	chr15	85645827	rs756916714	A	G	2	1	1	European	1	0
AKAP13	chr15	85645835	rs146588510	G	C	7	4	3	European	1	0
AKAP13	chr15	85645844	rs1426979648	C	G	2	0	2	Latin American 2	1	0
AKAP13	chr15	85645854	rs370607317	A	G	7	4	3	European	1	0
AKAP13	chr15	85645856	rs1049408789	T	C	8	3	5	European	0.5	0.59375
AKAP13	chr15	85645859	rs749179692	A	G	3	0	3	European	1	0
AKAP13	chr15	85645877	rs752569103	C	G	3	0	3	European	0.666666667	0.444444444
AKAP13	chr15	85645907	rs756516243	C	G	3	1	2	Native American	0.666666667	0.444444444
AKAP13	chr15	85655447	rs766006591	A	T	2	0	2	South Asian	1	0
AKAP13	chr15	85655450	rs755335557	G	A	8	1	7	South Asian	0.5	0.6875
AKAP13	chr15	85655468	rs373550260	G	T	2	0	2	European	1	0
AKAP13	chr15	85655475	rs200130889	C	T	3	1	2	East Asian	0.666666667	0.444444444
AKAP13	chr15	85655561	rs1055825684	A	T	6	2	4	Latin American 1	1	0
AKAP13	chr15	85655564	rs777821307	C	T	2	1	1	European	1	0

AKAP13	chr15	85655577	rs150167931	A	G	8	2	6	African American	0.625	0.53125
AKAP13	chr15	85655595	rs534473998	CTGAGGGTCGA	C	6	3	3	European	0.666666667	0.444444444
AKAP13	chr15	85655604	rs367876857	G	A	2	0	2	European	1	0
AKAP13	chr15	85655621	rs142719943	C	T	16	7	9	European	1	0
AKAP13	chr15	85655636	rs374689645	G	A	7	2	5	European	0.857142857	0.244897959
AKAP13	chr15	85655640	rs573094038	T	TGGA	12	3	9	African American	0.666666667	0.486111111
AKAP13	chr15	85655655	rs1476657149	T	C	2	0	2	African American	0.5	0.5
AKAP13	chr15	85655662	rs147772785	T	G	95	24	71	African American	0.621052632	0.51700831
AKAP13	chr15	85655681	rs761870457	A	G	3	1	2	East Asian	0.666666667	0.444444444
AKAP13	chr15	85655709	rs553130968	G	A	7	2	5	European	0.428571429	0.612244898
AKAP13	chr15	85655726	rs745426384	C	T	2	0	2	European	0.5	0.5
AKAP13	chr15	85655727	rs755621625	G	A	2	0	2	European	1	0
AKAP13	chr15	85655763	rs144319108	G	T	2	1	1	European	1	0
AKAP13	chr15	85655765	rs148772528	G	A	6	0	6	Latin American 2	0.5	0.611111111
AKAP13	chr15	85655776	rs574867194	G	T	5	0	5	South Asian	1	0
AKAP13	chr15	85655787	rs201071192	G	A	11	4	7	European	1	0
AKAP13	chr15	85658541	rs370628367	A	T	3	1	2	European	1	0
AKAP13	chr15	85658545	rs181593659	G	A	21	7	14	Latin American 1	0.952380952	0.090702948
AKAP13	chr15	85658554	rs781757055	G	A	2	1	1	European	1	0
AKAP13	chr15	85658557	rs746031213	A	T	2	1	1	European	1	0
AKAP13	chr15	85658575	rs768828039	C	A	4	1	3	European	1	0
AKAP13	chr15	85658580	chr15_85658580_C_G	C	G	2	1	1	African American	1	0
AKAP13	chr15	85664577	rs760185045	G	C	3	1	2	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85664600	rs777916874	G	A	4	1	3	Latin American 2	1	0
AKAP13	chr15	85664613	rs201277547	C	G	3	0	3	European	1	0
AKAP13	chr15	85664626	rs114564192	A	T	34	9	25	African American	0.588235294	0.506920415
AKAP13	chr15	85664643	rs747729637	C	A	2	1	1	European	1	0
AKAP13	chr15	85664645	rs150221941	G	A	3	0	3	European	0.333333333	0.666666667
AKAP13	chr15	85664646	rs115648978	A	G	3	1	2	East Asian	1	0
AKAP13	chr15	85664694	rs114369869	T	C	316	103	213	African American	0.493670886	0.59681942
AKAP13	chr15	85664753	rs778789325	C	G	3	0	3	South Asian	1	0
AKAP13	chr15	85669753	rs1303253300	A	G	3	3	0	European	0.666666667	0.444444444
AKAP13	chr15	85669809	rs138963258	A	G	10	4	6	European	0.9	0.18
AKAP13	chr15	85682188	rs142686009	A	G	59	21	38	European	0.949152542	0.097673082
AKAP13	chr15	85682210	rs137923457	G	C	13	5	8	Latin American 1	0.846153846	0.26035503
AKAP13	chr15	85684773	rs202176585	A	G	4	1	3	European	1	0
AKAP13	chr15	85684824	rs1212574334	G	A	2	0	2	European	0.5	0.5
AKAP13	chr15	85693330	rs765335529	C	G	4	0	4	South Asian	1	0
AKAP13	chr15	85693389	rs762521461	G	A	2	0	2	European	1	0
AKAP13	chr15	85693398	rs199654694	G	C	6	0	6	Latin American 1	0.666666667	0.5
AKAP13	chr15	85710582	rs112971613	C	T	58	19	39	European	0.706896552	0.476813317
AKAP13	chr15	85710625	rs146388266	C	T	3	0	3	South Asian	0.666666667	0.444444444
AKAP13	chr15	85715790	rs1394883856	T	A	2	0	2	European	1	0
AKAP13	chr15	85715811	rs760882035	C	T	5	3	2	European	0.8	0.32
AKAP13	chr15	85715832	rs1158305985	G	A	2	0	2	European	1	0
AKAP13	chr15	85715841	rs374094093	G	A	14	1	13	South Asian	0.928571429	0.132653061

AKAP13	chr15	85715844	rs750049575	A	G	2	1	1	East Asian	0.5	0.5
AKAP13	chr15	85715862	rs114180181	A	T	2	0	2	European	1	0
AKAP13	chr15	85715863	rs144526341	A	G	9	2	7	Latin American 2	0.333333333	0.765432099
AKAP13	chr15	85715869	rs1482094787	G	A	3	0	3	AFR	0.333333333	0.666666667
AKAP13	chr15	85715893	rs374815022	C	G	5	2	3	African American	0.6	0.48
AKAP13	chr15	85717326	chr15_85717326_A_T	A	T	2	0	2	European	1	0
AKAP13	chr15	85718087	rs776318099	A	T	3	0	3	South Asian	1	0
AKAP13	chr15	85718091	rs201590654	G	A	6	1	5	European	0.333333333	0.722222222
AKAP13	chr15	85719105	rs934979969	C	T	2	1	1	African American	0.5	0.5
AKAP13	chr15	85719196	rs763218797	G	C	3	1	2	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85719201	rs200241302	G	A	21	8	13	European	0.571428571	0.603174603
AKAP13	chr15	85719216	rs768589987	A	G	4	1	3	European	0.75	0.375
AKAP13	chr15	85722012	rs774520417	C	T	2	1	1	Latin American 1	1	0
AKAP13	chr15	85722097	rs202084404	G	A	8	3	5	European	0.75	0.40625
AKAP13	chr15	85722278	rs565146846	A	C	70	1	69	South Asian	0.971428571	0.055918367
AKAP13	chr15	85722314	rs749067993	G	C	2	1	1	African American	0.5	0.5
AKAP13	chr15	85722329	rs144441510	A	C	3	1	2	African American	1	0
AKAP13	chr15	85723075	rs147829524	A	G	54	10	44	Latin American 2	0.518518519	0.641289438
AKAP13	chr15	85723095	rs772823353	C	G	19	9	10	Latin American 1	0.684210526	0.493074792
AKAP13	chr15	85723111	rs3743323	G	A	6	1	5	East Asian	1	0
AKAP13	chr15	85723167	rs1167709522	A	G	2	0	2	South Asian	1	0
AKAP13	chr15	85723174	rs531745352	G	A	3	1	2	European	0.333333333	0.666666667
AKAP13	chr15	85723180	rs147012053	A	G	3	0	3	Latin American 2	0.666666667	0.444444444
AKAP13	chr15	85723260	rs199748104	C	T	20	8	12	European	0.95	0.095
AKAP13	chr15	85723261	rs767950472	G	A	2	2	0	East Asian	0.5	0.5
AKAP13	chr15	85723264	chr15_85723264_A_G	A	G	2	0	2	Native American	1	0
AKAP13	chr15	85723276	rs750905368	G	A	3	0	3	European	1	0
AKAP13	chr15	85723299	rs751582077	A	C	4	1	3	European	1	0
AKAP13	chr15	85726482	rs761707719	C	T	4	0	4	African American	1	0
AKAP13	chr15	85727114	rs141217285	G	A	3	1	2	African American	1	0
AKAP13	chr15	85727121	rs375901819	A	G	3	0	3	Latin American 2	1	0
AKAP13	chr15	85727216	chr15_85727216_A_T	A	T	2	1	1	Native American	1	0
AKAP13	chr15	85727228	rs1444302131	C	G	3	0	3	European	0.666666667	0.444444444
AKAP13	chr15	85727404	rs756742950	T	C	2	0	2	European	1	0
AKAP13	chr15	85730514	rs116261620	A	C	241	66	175	European	0.684647303	0.497718703
AKAP13	chr15	85730523	rs78553737	C	A	448	142	306	African American	0.46875	0.648278061
AKAP13	chr15	85730525	rs149781236	A	G	81	23	58	European	0.802469136	0.341106539
AKAP13	chr15	85730600	rs78778821	C	G	710	199	511	African American	0.538028169	0.614961317
AKAP13	chr15	85730611	rs759827090	G	T	2	0	2	Latin American 1	1	0
AKAP13	chr15	85730646	rs1383713342	C	G	3	3	0	African American	0.666666667	0.444444444
AKAP13	chr15	85730655	rs116407615	C	A	5	2	3	African American	0.8	0.32
AKAP13	chr15	85734996	rs148526775	G	C	2	1	1	European	1	0
AKAP13	chr15	85735028	rs1041370015	G	C	2	0	2	European	1	0
AKAP13	chr15	85735061	rs375912393	T	C	2	1	1	East Asian	0.5	0.5
AKAP13	chr15	85735066	rs755786540	C	G	23	3	20	Latin American 2	0.956521739	0.083175803
AKAP13	chr15	85735084	rs141334273	G	A	14	5	9	European	0.642857143	0.540816327

AKAP13	chr15	85735088	rs145294620	C	T	18	6	12	Latin American 1	0.444444444	0.672839506
AKAP13	chr15	85735097	rs140687997	G	A	7	2	5	European	0.571428571	0.612244898
AKAP13	chr15	85735102	rs373167092	G	A	3	2	1	European	1	0
AKAP13	chr15	85735131	rs753498004	T	G	2	0	2	European	1	0
AKAP13	chr15	85735136	chr15_85735136_T_C	T	C	2	0	2	South Asian	1	0
AKAP13	chr15	85735605	rs371824645	C	T	5	2	3	European	1	0
AKAP13	chr15	85736111	rs377141327	T	C	3	1	2	African American	0.666666667	0.444444444
AKAP13	chr15	85740237	rs761515628	G	A	7	3	4	African American	0.285714286	0.775510204
AKAP13	chr15	85740252	rs150081112	G	A	141	51	90	European	0.744680851	0.422614557
AKAP13	chr15	85741046	rs553816688	G	T	14	0	14	South Asian	0.928571429	0.132653061
AKAP13	chr15	85741073	rs764113244	A	G	2	1	1	European	1	0
AKAP13	chr15	85741089	rs753650719	T	C	10	2	8	Latin American 2	0.7	0.42
AKAP13	chr15	85741104	rs371984959	G	A	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741109	rs138392436	C	T	10	4	6	European	0.7	0.42
AKAP13	chr15	85741128	chr15_85741128_G_A	G	A	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741131	rs774464272	C	T	2	0	2	African American	1	0
AKAP13	chr15	85741133	rs767773227	A	G	5	2	3	Latin American 1	1	0
AKAP13	chr15	85741142	rs1239306819	A	G	3	0	3	Latin American 2	1	0
AKAP13	chr15	85741143	rs201288251	T	C	3	1	2	African American	0.666666667	0.444444444
AKAP13	chr15	85741210	rs780368742	G	C	2	0	2	South Asian	1	0
AKAP13	chr15	85741241	rs560991477	G	A	8	0	8	South Asian	0.875	0.21875
AKAP13	chr15	85741247	rs529796915	G	C	2	0	2	South Asian	1	0
AKAP13	chr15	85741264	rs370540321	G	C	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741271	rs779487413	C	A	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741280	rs1325948576	C	T	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741281	rs115906769	G	A	83	27	56	African American	0.518072289	0.64363478
AKAP13	chr15	85741311	rs760383748	A	T	6	3	3	European	0.666666667	0.5
AKAP13	chr15	85741314	rs755983401	TGCA	T	7	2	5	European	1	0
AKAP13	chr15	85741330	rs551748747	G	C	2	2	0	European	1	0
AKAP13	chr15	85741334	rs148383842	C	G	3	1	2	Latin American 1	0.666666667	0.444444444
AKAP13	chr15	85741391	rs771895062	G	C	7	5	2	European	0.857142857	0.244897959
AKAP13	chr15	85741403	rs761342301	G	A	2	0	2	European	1	0
AKAP13	chr15	85741406	rs776294448	G	T	6	1	5	Latin American 2	0.5	0.611111111
AKAP13	chr15	85741410	rs141587830	A	G	17	5	12	European	1	0
AKAP13	chr15	85741427	rs202160131	G	A	5	4	1	European	0.8	0.32
AKAP13	chr15	85741442	rs781392994	C	T	3	0	3	European	1	0
AKAP13	chr15	85741443	rs746154680	G	A	2	1	1	African American	0.5	0.5
AKAP13	chr15	85741445	rs756280248	C	T	3	2	1	European	1	0
AKAP13	chr15	85741446	rs766942749	G	A	8	1	7	South Asian	0.875	0.21875
AKAP13	chr15	85741469	rs116249792	C	T	396	112	284	African American	0.527777778	0.609096011
AKAP13	chr15	85741470	rs376818845	G	A	10	7	3	Latin American 1	0.5	0.66
AKAP13	chr15	85741475	rs764802376	A	G	3	0	3	African American	0.666666667	0.444444444
AKAP13	chr15	85741481	rs143887632	C	T	11	4	7	European	0.636363636	0.545454545
AKAP13	chr15	85743519	rs761212018	A	G	2	0	2	East Asian	1	0
AKAP13	chr15	85743521	rs147284419	G	T	7	2	5	European	1	0
AKAP13	chr15	85743550	rs139651314	A	G	23	10	13	African American	0.695652174	0.47637051

AKAP13	chr15	85743574	rs530718840	C	T	5	1	4	Latin American 1	0.4	0.64
AKAP13	chr15	85743576	rs367775794	A	G	3	2	1	European	1	0
AKAP13	chr15	85743578	rs777055796	A	G	3	2	1	European	0.666666667	0.444444444
AKAP13	chr15	85743624	rs766348853	A	G	13	3	10	African American	0.846153846	0.26035503
AKAP13	chr15	85743639	rs116329657	C	T	25	9	16	European	0.76	0.3936
AKAP13	chr15	85743639	chr15_85743639_C_G	C	G	3	1	2	Latin American 2	0.666666667	0.444444444
AKAP13	chr15	85743640	rs1219845765	G	A	3	2	1	European	0.666666667	0.444444444
AKAP13	chr15	85743684	rs771151390	A	G	2	0	2	European	0.5	0.5
AKAP13	chr15	85743690	rs112165804	A	C	2	2	0	European	0.5	0.5
AKAP13	chr15	85743693	rs113093088	A	G	5	3	2	European	0.8	0.32
AKAP13	chr15	85743705	rs140260439	G	A	10	3	7	European	1	0
AKAP13	chr15	85743711	rs114035801	C	G	12	1	11	African American	0.75	0.416666667
AKAP13	chr15	85743729	rs757781196	T	G	2	0	2	European	1	0
AKAP13	chr15	85743791	rs759237602	AAAG	A	20	6	14	European	0.4	0.765
AKAP13	chr15	85743797	rs35204082	G	C	134	37	97	African American	0.462686567	0.642125195
AKAP13	chr15	85743800	rs35368099	C	A	126	37	89	African American	0.476190476	0.617157974
AKAP13	chr15	85743804	rs79101360	A	C	116	12	104	European	0.982758621	0.034036861
AKAP13	chr15	85743805	rs367824472	C	T	5	1	4	African American	0.6	0.56
AKAP13	chr15	85743814	chr15_85743814_C_G	C	G	2	0	2	East Asian	1	0
AKAP13	chr15	85743822	rs368138439	G	A	2	1	1	European	1	0
AKAP13	chr15	85744634	rs116005584	C	G	15	6	9	European	0.6	0.56
AKAP13	chr15	85744634	chr15_85744634_C_A	C	A	2	0	2	East Asian	1	0
AKAP13	chr15	85744637	rs371578263	C	T	4	2	2	Latin American 2	0.5	0.5
AKAP13	chr15	85744645	rs765677409	G	C	3	0	3	East Asian	1	0
METTL22	chr16	8621778	rs1006084143	A	G	15	4	11	European	0.533333333	0.497777778
METTL22	chr16	8621782	rs796113672	G	A	7	2	5	Latin American 1	0.571428571	0.571428571
METTL22	chr16	8625481	rs975992778	C	T	2	0	2	African American	0.5	0.5
METTL22	chr16	8625482	rs140577433	G	A	27	8	19	African American	0.925925926	0.137174211
METTL22	chr16	8635028	rs760794415	G	T	2	0	2	African American	1	0
METTL22	chr16	8639074	rs764522598	G	T	78	7	71	European	0.974358974	0.049967127
METTL22	chr16	8639075	rs757814414	C	T	2	1	1	European	1	0
METTL22	chr16	8639084	chr16_8639084_A_T	A	T	6	3	3	East Asian	1	0
METTL22	chr16	8641114	rs181552727	T	C	9	3	6	African American	0.444444444	0.592592593
METTL22	chr16	8641128	rs375890293	C	T	8	5	3	Latin American 1	0.75	0.375
METTL22	chr16	8644540	rs554667134	G	A	8	4	4	East Asian	0.375	0.75
METTL22	chr16	8644728	rs374919702	A	T	3	0	3	African American	0.666666667	0.444444444
METTL22	chr16	8646095	rs777382555	C	G	2	1	1	African American	1	0
METTL22	chr16	8646097	chr16_8646097_G_T	G	T	3	2	1	African American	0.666666667	0.444444444
METTL22	chr16	8646102	rs369837648	C	T	3	3	0	European	1	0
SBK1	chr16	28320191	chr16_28320191_T_TCGGC	T	TCGGC	176	100	76	European	0.75	0.416903409
SBK1	chr16	28320192	chr16_28320192_GT_G	GT	G	174	97	77	European	0.747126437	0.420729291
SBK1	chr16	28320202	chr16_28320202_G_GA	G	GA	37	19	18	European	0.837837838	0.284879474
SBK1	chr16	28320203	chr16_28320203_A_AACTGC	A	AACTGCGC	90	54	36	European	0.733333333	0.439753086
SBK1	chr16	28320207	chr16_28320207_C_CT	C	CT	99	61	38	European	0.747474747	0.421793695
SBK1	chr16	28320208	chr16_28320208_C_CGACTT	C	CGACTTCG	78	47	31	European	0.717948718	0.460223537
SBK1	chr16	28320209	chr16_28320209_G_GACTT	G	GACTT	20	13	7	European	0.85	0.27

SBK1	chr16	28320211	chr16_28320211_C_CTG	C	CTG	71	44	27	European	0.732394366	0.440388812
SBK1	chr16	28320221	chr16_28320221_T_TGCCCC	T	TGCCCC	72	43	29	European	0.736111111	0.43595679
SBK1	chr16	28320225	chr16_28320225_C_CT	C	CT	67	42	25	European	0.731343284	0.441523725
SBK1	chr16	28320228	chr16_28320228_C_CCCGCC	C	CCCGCGACG	64	39	25	European	0.71875	0.457519531
SBK1	chr16	28320235	chr16_28320235_A_ACGCCG	A	ACGCCCAGC	16	10	6	European	0.8125	0.3203125
SBK1	chr16	28320235	chr16_28320235_A_ACGCCG	A	ACGCCCAGC	9	6	3	European	0.777777778	0.37037037
SBK1	chr16	28320236	chr16_28320236_T_TATATT	T	TATATTGCC	9	6	3	European	0.777777778	0.37037037
SBK1	chr16	28320236	chr16_28320236_T_TGGCCT	T	TGGCCTACT	4	1	3	European	1	0
SBK1	chr16	28320237	chr16_28320237_G_GCCCCG	G	GCCCCGA	16	10	6	European	0.8125	0.3203125
SBK1	chr16	28320238	chr16_28320238_A_ACC	A	ACC	7	4	3	European	0.714285714	0.448979592
MMP15	chr16	58026375	rs540813875	G	A	3	2	1	East Asian	0.666666667	0.444444444
MMP15	chr16	58026379	rs559140401	G	T	18	9	9	African American	0.722222222	0.425925926
MMP15	chr16	58026379	chr16_58026379_G_A	G	A	2	0	2	South Asian	1	0
MMP15	chr16	58026382	rs1293720909	C	G	2	1	1	African American	1	0
MMP15	chr16	58026397	rs1002421077	G	C	4	1	3	European	1	0
MMP15	chr16	58026506	rs757896283	T	A	33	10	23	Latin American 1	0.909090909	0.168962351
MMP15	chr16	58037481	rs201766277	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
MMP15	chr16	58037482	rs376179211	G	A	14	1	13	European	0.214285714	0.826530612
MMP15	chr16	58037511	rs148381965	C	T	3	0	3	European	0.666666667	0.444444444
MMP15	chr16	58037512	rs368255301	G	A	6	3	3	European	0.833333333	0.277777778
MMP15	chr16	58037530	rs760363930	G	A	5	1	4	European	0.4	0.72
MMP15	chr16	58037539	chr16_58037539_A_G	A	G	2	0	2	South Asian	1	0
MMP15	chr16	58037572	rs150458413	G	A	10	1	9	European	0.9	0.18
MMP15	chr16	58037580	rs201515111	G	A	2	1	1	European	1	0
MMP15	chr16	58037604	rs768960188	G	A	2	0	2	Latin American 2	1	0
MMP15	chr16	58037607	rs199836131	G	A	23	8	15	European	1	0
MMP15	chr16	58038276	rs773483224	C	T	2	0	2	African American	0.5	0.5
MMP15	chr16	58038277	rs200538593	G	A	4	1	3	African American	0.5	0.5
MMP15	chr16	58038306	rs747308827	G	A	2	0	2	African American	0.5	0.5
MMP15	chr16	58038313	rs774413461	G	A	2	1	1	European	1	0
MMP15	chr16	58038321	rs376443727	G	A	114	6	108	South Asian	0.859649123	0.245767929
MMP15	chr16	58038325	rs141624298	A	G	4	2	2	European	1	0
MMP15	chr16	58038330	rs776685732	C	T	3	1	2	AFR	0.333333333	0.666666667
MMP15	chr16	58038331	rs759724145	G	A	2	1	1	European	1	0
MMP15	chr16	58038336	rs1187420600	C	T	3	1	2	European	0.333333333	0.666666667
MMP15	chr16	58038360	rs772017400	G	A	2	1	1	European	1	0
MMP15	chr16	58039928	rs543011167	G	A	2	0	2	East Asian	0.5	0.5
MMP15	chr16	58039939	rs780493873	C	T	2	2	0	European	1	0
MMP15	chr16	58039940	rs749513199	G	A	3	1	2	African American	0.333333333	0.666666667
MMP15	chr16	58039942	rs535130485	G	T	2	0	2	African American	0.5	0.5
MMP15	chr16	58039958	rs543769931	C	T	2	1	1	European	1	0
MMP15	chr16	58039960	rs773736310	C	T	2	0	2	East Asian	0.5	0.5
MMP15	chr16	58039991	rs763693146	A	T	4	1	3	East Asian	1	0
MMP15	chr16	58039996	rs148695510	C	T	19	9	10	European	0.736842105	0.421052632
MMP15	chr16	58039997	rs142146192	G	A	3	0	3	European	0.666666667	0.444444444
MMP15	chr16	58040002	rs61754770	C	T	4	1	3	European	1	0

MMP15	chr16	58040006	rs755921600	G	A	3	0	3	European	0.666666667	0.444444444
MMP15	chr16	58040008	rs780012914	C	G	2	0	2	European	1	0
MMP15	chr16	58040011	rs139344353	A	G	29	9	20	African American	0.655172414	0.508917955
MMP15	chr16	58040113	rs1051209135	C	T	2	2	0	African American	1	0
MMP15	chr16	58040143	rs781646832	G	A	2	0	2	European	0.5	0.5
MMP15	chr16	58040152	rs368633391	C	T	2	0	2	South Asian	1	0
MMP15	chr16	58040181	rs536687699	T	A	12	3	9	Latin American 1	0.5	0.625
MMP15	chr16	58040579	rs762632881	C	T	2	0	2	South Asian	1	0
MMP15	chr16	58040609	rs147717123	A	G	22	10	12	African American	0.454545455	0.615702479
MMP15	chr16	58040626	rs1465946779	T	G	2	0	2	Latin American 2	0.5	0.5
MMP15	chr16	58040644	rs777536839	G	A	3	0	3	Latin American 2	0.666666667	0.444444444
MMP15	chr16	58040647	rs201935216	G	A	23	10	13	European	0.565217391	0.525519849
MMP15	chr16	58040665	rs148331048	G	A	24	9	15	African American	0.625	0.517361111
MMP15	chr16	58040698	rs1056430484	G	A	2	0	2	East Asian	0.5	0.5
MMP15	chr16	58041643	rs776591846	A	C	11	0	11	European	0.909090909	0.165289256
MMP15	chr16	58041665	rs539694635	C	T	2	1	1	European	1	0
MMP15	chr16	58041668	rs1403069152	C	T	2	0	2	Latin American 1	1	0
MMP15	chr16	58041670	rs572888530	C	T	3	1	2	South Asian	0.666666667	0.444444444
MMP15	chr16	58041671	rs1401021637	G	A	9	4	5	Latin American 1	1	0
MMP15	chr16	58041674	rs200994796	G	A	224	71	153	African American	0.625	0.539500957
MMP15	chr16	58041682	rs778891660	C	T	3	0	3	European	1	0
MMP15	chr16	58041694	rs746765714	C	T	2	0	2	European	1	0
MMP15	chr16	58041695	rs369989245	G	A	9	2	7	European	0.555555556	0.567901235
MMP15	chr16	58041698	rs746011827	C	T	3	1	2	European	0.666666667	0.444444444
MMP15	chr16	58041703	rs763559443	C	T	4	1	3	African American	0.25	0.75
MMP15	chr16	58041704	rs111450724	G	A	208	65	143	African American	0.524038462	0.620377219
MMP15	chr16	58041709	rs200591280	C	T	514	177	337	European	0.721789883	0.452330845
MMP15	chr16	58041725	rs754543993	C	G	10	7	3	East Asian	1	0
MMP15	chr16	58041742	rs375076496	C	T	28	15	13	Latin American 1	0.642857143	0.482142857
MMP15	chr16	58041755	rs41335851	C	T	4	3	1	East Asian	0.5	0.625
MMP15	chr16	58041758	rs770073111	G	T	2	0	2	European	1	0
MMP15	chr16	58041776	rs535498144	G	A	3	0	3	African American	0.333333333	0.666666667
MMP15	chr16	58041788	rs376327026	G	A	2	0	2	African American	0.5	0.5
MMP15	chr16	58041793	rs551256083	G	A	10	3	7	East Asian	0.8	0.32
MMP15	chr16	58041800	rs201216675	A	G	4	1	3	European	0.75	0.375
MMP15	chr16	58041841	rs772395535	A	C	8	4	4	Latin American 1	1	0
MMP15	chr16	58041850	rs763672023	G	A	5	0	5	Latin American 2	0.8	0.32
MMP15	chr16	58042234	rs200617077	C	T	12	5	7	European	1	0
MMP15	chr16	58042235	rs746304484	G	A	5	2	3	European	0.4	0.64
MMP15	chr16	58042291	rs757782458	G	A	2	0	2	South Asian	1	0
MMP15	chr16	58042315	rs1019254443	G	A	3	0	3	African American	0.333333333	0.666666667
MMP15	chr16	58042321	rs139643453	A	G	39	8	31	European	0.769230769	0.391847469
MMP15	chr16	58042339	rs764951803	C	T	2	0	2	AFR	0.5	0.5
MMP15	chr16	58042348	rs763191052	G	A	3	1	2	European	0.666666667	0.444444444
MMP15	chr16	58042352	rs148640408	G	A	8	3	5	European	0.625	0.46875
MMP15	chr16	58042354	chr16_58042354_T_G	T	G	541	70	471	European	0.65064695	0.529832821

MMP15	chr16	58042358	rs201916686	T	C	3	2	1	East Asian	1	0
MMP15	chr16	58042363	rs768137640	T	A	2	0	2	European	1	0
MMP15	chr16	58043216	rs372092432	G	A	4	2	2	African American	0.75	0.375
MMP15	chr16	58043237	rs769667733	C	T	2	0	2	Latin American 2	0.5	0.5
MMP15	chr16	58043243	rs1285772154	T	A	2	0	2	African American	0.5	0.5
MMP15	chr16	58043264	rs367977938	C	T	8	1	7	European	0.375	0.75
MMP15	chr16	58043282	rs201800162	T	C	5	1	4	European	1	0
MMP15	chr16	58043299	rs760059840	C	T	2	1	1	Latin American 1	1	0
MMP15	chr16	58043300	rs765698866	G	A	6	1	5	European	0.666666667	0.5
MMP15	chr16	58043309	rs751230902	C	T	4	1	3	Latin American 1	0.75	0.375
MMP15	chr16	58043338	rs1418093964	A	G	8	6	2	Latin American 1	1	0
MMP15	chr16	58043344	rs780024867	T	C	3	0	3	Latin American 2	1	0
MMP15	chr16	58043531	rs765880502	G	A	9	4	5	East Asian	1	0
MMP15	chr16	58043540	rs754933485	C	T	2	0	2	East Asian	1	0
MMP15	chr16	58043550	rs747937815	C	G	3	0	3	South Asian	1	0
MMP15	chr16	58045016	rs762146278	A	G	2	2	0	African American	0.5	0.5
MMP15	chr16	58045048	rs146799826	G	A	189	73	116	African American	0.439153439	0.619971445
MMP15	chr16	58045058	rs145741499	G	A	5	1	4	African American	0.6	0.48
MMP15	chr16	58045064	rs148956674	G	A	5	1	4	European	0.8	0.32
MMP15	chr16	58045123	rs372957851	G	A	2	1	1	African American	0.5	0.5
MMP15	chr16	58045139	rs745546321	G	A	2	1	1	European	1	0
MMP15	chr16	58045147	rs372389085	G	A	2	1	1	African American	0.5	0.5
MMP15	chr16	58045157	rs774426363	G	A	2	1	1	East Asian	0.5	0.5
MMP15	chr16	58045160	rs750193075	C	T	2	0	2	European	0.5	0.5
MMP15	chr16	58045174	rs200566682	C	T	48	21	27	European	0.854166667	0.262152778
MMP15	chr16	58045177	rs779536762	G	A	4	1	3	European	0.5	0.5
MMP15	chr16	58045189	rs563304189	C	G	55	25	30	African American	0.545454545	0.578512397
MMP15	chr16	58045192	rs1462289613	G	A	2	1	1	European	1	0
MMP15	chr16	58045265	rs528280390	G	A	3	1	2	African American	1	0
MMP15	chr16	58045270	rs61729296	C	T	2	0	2	African American	0.5	0.5
MMP15	chr16	58045293	rs1020034929	G	T	15	3	12	Latin American 1	1	0
MMP15	chr16	58045300	rs41434246	C	T	316	108	208	African American	0.509493671	0.60338888
MMP15	chr16	58045301	rs752825749	G	A	4	0	4	European	0.75	0.375
MMP15	chr16	58045316	rs371732794	T	C	2	0	2	Latin American 1	1	0
MMP15	chr16	58045331	rs1334673025	CACT	C	2	0	2	South Asian	1	0
MMP15	chr16	58045332	rs984805031	ACTGCTG	A	2	1	1	African American	1	0
MMP15	chr16	58045364	rs141377329	C	T	127	37	90	African American	0.637795276	0.54014508
MMP15	chr16	58045379	rs144513455	A	G	2	0	2	European	1	0
MMP15	chr16	58045388	rs148397325	G	A	2	1	1	European	0.5	0.5
ANKRD11	chr16	89268615	chr16_89268615_C_T	C	T	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89270822	rs767216450	T	G	13	5	8	Latin American 1	0.769230769	0.378698225
ANKRD11	chr16	89279341	rs1371024836	T	TCAG	4	1	3	African American	0.75	0.375
ANKRD11	chr16	89279375	rs927582667	A	C	3	1	2	African American	0.666666667	0.444444444
ANKRD11	chr16	89279424	chr16_89279424_C_G	C	G	2	1	1	Latin American 1	1	0
ANKRD11	chr16	89279437	rs904015120	C	A	5	1	4	African American	0.6	0.56
ANKRD11	chr16	89279455	rs769501453	G	C	6	0	6	European	1	0

ANKRD11	chr16	89279463	rs1399426960	G	A	3	2	1	European	1	0
ANKRD11	chr16	89279464	rs1364484079	C	T	2	0	2	South Asian	1	0
ANKRD11	chr16	89279467	rs1379741073	A	C	12	1	11	South Asian	0.583333333	0.486111111
ANKRD11	chr16	89279557	rs760933701	C	T	14	5	9	African American	0.571428571	0.489795918
ANKRD11	chr16	89279565	rs576742682	G	A	39	16	23	African American	0.58974359	0.55095332
ANKRD11	chr16	89279565	chr16_89279565_G_C	G	C	11	5	6	European	0.818181818	0.297520661
ANKRD11	chr16	89279568	rs754567522	T	C	4	1	3	Native American	1	0
ANKRD11	chr16	89279607	rs749121556	G	A	2	1	1	European	1	0
ANKRD11	chr16	89279623	rs575642464	G	A	35	15	20	European	0.542857143	0.542040816
ANKRD11	chr16	89279632	rs905177395	C	T	5	4	1	European	1	0
ANKRD11	chr16	89279640	chr16_89279640_G_A	G	A	2	0	2	Native American	1	0
ANKRD11	chr16	89279643	rs903253722	G	A	16	7	9	Latin American 2	0.75	0.40625
ANKRD11	chr16	89279644	rs897670799	C	T	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89279646	rs999284780	G	A	2	1	1	African American	1	0
ANKRD11	chr16	89279656	rs893421448	C	T	3	0	3	South Asian	1	0
ANKRD11	chr16	89279674	rs374668457	G	A	56	21	35	East Asian	0.839285714	0.286352041
ANKRD11	chr16	89279715	rs573355746	G	A	80	32	48	Latin American 1	0.525	0.5215625
ANKRD11	chr16	89279716	rs201957371	G	A	129	49	80	African American	0.519379845	0.614025599
ANKRD11	chr16	89279719	rs750990942	C	T	5	1	4	South Asian	0.8	0.32
ANKRD11	chr16	89279719	chr16_89279719_C_A	C	A	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89279736	rs1445518002	C	G	7	3	4	Latin American 1	0.857142857	0.244897959
ANKRD11	chr16	89279745	rs748996527	G	A	21	8	13	European	0.952380952	0.090702948
ANKRD11	chr16	89279751	rs565435346	G	A	25	10	15	African American	0.52	0.6016
ANKRD11	chr16	89279761	rs770262960	C	T	26	2	24	South Asian	0.846153846	0.272189349
ANKRD11	chr16	89279782	rs1003478010	C	T	5	0	5	AFR	0.6	0.56
ANKRD11	chr16	89279796	rs201043388	C	T	97	25	72	African American	0.474226804	0.674460623
ANKRD11	chr16	89279797	rs202081612	G	A	33	7	26	African American	0.575757576	0.56932966
ANKRD11	chr16	89279809	rs756897044	G	T	2	1	1	European	1	0
ANKRD11	chr16	89279812	rs200852197	C	T	69	21	48	Latin American 1	0.536231884	0.566687671
ANKRD11	chr16	89279814	chr16_89279814_G_A	G	A	2	0	2	South Asian	1	0
ANKRD11	chr16	89279817	rs372632879	G	A	84	25	59	African American	0.547619048	0.596655329
ANKRD11	chr16	89279830	rs770209899	T	C	14	1	13	European	0.571428571	0.489795918
ANKRD11	chr16	89279844	rs570265865	C	T	25	10	15	European	0.68	0.4736
ANKRD11	chr16	89279848	rs760007187	G	A	3	3	0	African American	1	0
ANKRD11	chr16	89279862	rs764885268	G	A	3	0	3	South Asian	0.666666667	0.444444444
ANKRD11	chr16	89279865	rs764722888	A	ACCGTCT	2	0	2	South Asian	1	0
ANKRD11	chr16	89279866	rs1169229013	C	T	3	0	3	European	1	0
ANKRD11	chr16	89279883	rs758225743	G	A	2	0	2	East Asian	0.5	0.5
ANKRD11	chr16	89279924	rs774615667	C	A	2	1	1	European	1	0
ANKRD11	chr16	89279935	rs776150975	G	A	4	1	3	European	0.75	0.375
ANKRD11	chr16	89279940	rs371524118	G	A	5	1	4	European	1	0
ANKRD11	chr16	89279949	rs751378641	C	T	7	3	4	Latin American 1	0.857142857	0.244897959
ANKRD11	chr16	89279962	rs201589586	G	C	18	6	12	European	0.888888889	0.203703704
ANKRD11	chr16	89279971	rs757615498	G	A	14	8	6	Latin American 1	0.785714286	0.336734694
ANKRD11	chr16	89279982	rs202216051	G	A	31	9	22	African American	0.677419355	0.48491155
ANKRD11	chr16	89279998	rs762590968	C	T	4	0	4	East Asian	0.5	0.5

ANKRD11	chr16	89280036	rs573380956	C	T	4	0	4	South Asian	0.75	0.375
ANKRD11	chr16	89280042	rs777253893	G	A	2	1	1	European	0.5	0.5
ANKRD11	chr16	89280044	rs748812288	C	A	2	0	2	European	0.5	0.5
ANKRD11	chr16	89280045	rs74033733	A	C	421	104	317	African American	0.6152019	0.544693384
ANKRD11	chr16	89280046	rs149834477	T	C	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89280058	rs202219869	G	A	8	2	6	European	1	0
ANKRD11	chr16	89280081	rs751980813	T	G	2	1	1	East Asian	1	0
ANKRD11	chr16	89280090	rs778524990	C	G	2	1	1	Latin American 1	1	0
ANKRD11	chr16	89280111	rs765205440	T	C	2	1	1	European	1	0
ANKRD11	chr16	89280168	rs753162681	G	A	4	0	4	Latin American 2	0.5	0.5
ANKRD11	chr16	89280169	rs764665666	C	T	2	0	2	East Asian	0.5	0.5
ANKRD11	chr16	89280180	rs747992186	G	A	2	1	1	European	1	0
ANKRD11	chr16	89280192	rs749269329	G	A	2	1	1	European	0.5	0.5
ANKRD11	chr16	89280200	chr16_89280200_C_G	C	G	2	2	0	Latin American 1	1	0
ANKRD11	chr16	89280201	rs1310484071	T	C	2	1	1	European	0.5	0.5
ANKRD11	chr16	89280205	rs370535812	C	T	5	3	2	African American	0.6	0.56
ANKRD11	chr16	89280219	rs201509886	C	T	67	27	40	African American	0.76119403	0.392069503
ANKRD11	chr16	89280235	rs749215903	G	C	4	0	4	Latin American 2	0.75	0.375
ANKRD11	chr16	89280258	rs938667477	A	C	2	1	1	European	0.5	0.5
ANKRD11	chr16	89280259	rs772144411	G	C	2	0	2	Latin American 1	0.5	0.5
ANKRD11	chr16	89280273	rs776927590	G	C	2	1	1	African American	1	0
ANKRD11	chr16	89280280	rs753691962	C	T	6	3	3	Latin American 1	0.666666667	0.5
ANKRD11	chr16	89280280	chr16_89280280_C_G	C	G	3	1	2	African American	0.666666667	0.444444444
ANKRD11	chr16	89280288	rs755786402	C	G	6	2	4	European	1	0
ANKRD11	chr16	89280307	rs375484982	C	T	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89280321	rs201401760	T	G	37	16	21	African American	0.621621622	0.506939372
ANKRD11	chr16	89280343	rs781573469	TGAfrican Ame	T	10	1	9	Latin American 1	0.4	0.7
ANKRD11	chr16	89280348	rs368831797	A	G	2	0	2	European	0.5	0.5
ANKRD11	chr16	89280349	rs200351209	A	G	37	16	21	African American	0.621621622	0.506939372
ANKRD11	chr16	89280354	rs373782987	T	C	7	2	5	African American	0.714285714	0.408163265
ANKRD11	chr16	89280366	chr16_89280366_G_A	G	A	2	2	0	African American	1	0
ANKRD11	chr16	89280384	rs765013102	G	A	3	1	2	African American	0.666666667	0.444444444
ANKRD11	chr16	89280402	rs199691161	G	C	23	7	16	African American	0.565217391	0.570888469
ANKRD11	chr16	89280406	rs749615651	C	T	2	1	1	Latin American 1	1	0
ANKRD11	chr16	89280412	rs372141194	C	T	11	3	8	European	0.727272727	0.429752066
ANKRD11	chr16	89280417	rs534182728	T	C	64	11	53	Latin American 1	0.671875	0.450683594
ANKRD11	chr16	89280427	rs376679880	C	T	16	8	8	Latin American 1	0.5	0.5546875
ANKRD11	chr16	89280429	rs370006772	T	G	6	2	4	European	0.833333333	0.277777778
ANKRD11	chr16	89280430	rs200724087	T	C	45	14	31	European	0.777777778	0.369382716
ANKRD11	chr16	89280436	rs201636725	C	T	286	84	202	African American	0.636363636	0.543889677
ANKRD11	chr16	89280447	rs746355740	G	A	4	1	3	European	0.75	0.375
ANKRD11	chr16	89280457	rs199785661	C	T	21	3	18	European	0.714285714	0.430839002
ANKRD11	chr16	89280463	rs759486921	G	C	13	3	10	European	1	0
ANKRD11	chr16	89280466	rs749868016	C	CGTACGGGG	2	0	2	African American	1	0
ANKRD11	chr16	89280477	rs373218212	G	A	46	17	29	European	0.826086957	0.310018904
ANKRD11	chr16	89280481	rs775221712	AGGCGGGAGG	A	8	3	5	European	0.375	0.71875

ANKRD11	chr16	89280498	rs770628197	T	G	6	1	5	European	0.833333333	0.277777778
ANKRD11	chr16	89280522	rs200531141	G	A	77	17	60	African American	0.558441558	0.592005397
ANKRD11	chr16	89280544	rs777086823	G	A	12	4	8	Native American	0.583333333	0.486111111
ANKRD11	chr16	89280552	rs370272709	G	A	5	1	4	European	0.6	0.56
ANKRD11	chr16	89280555	rs768652993	G	A	3	0	3	Latin American 2	1	0
ANKRD11	chr16	89280568	rs763207005	T	C	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89280582	rs750094695	A	G	4	0	4	European	1	0
ANKRD11	chr16	89280612	rs867065526	G	A	3	0	3	Latin American 2	1	0
ANKRD11	chr16	89280631	rs199737737	C	G	5	2	3	European	0.6	0.56
ANKRD11	chr16	89280634	rs202044071	G	A	5	1	4	Latin American 2	0.6	0.48
ANKRD11	chr16	89280634	chr16_89280634_G_T	G	T	4	1	3	East Asian	1	0
ANKRD11	chr16	89280660	rs199964892	C	G	3	1	2	Latin American 2	0.666666667	0.444444444
ANKRD11	chr16	89280667	rs372148958	C	T	13	5	8	Latin American 1	0.923076923	0.142011834
ANKRD11	chr16	89280672	rs922813408	G	A	4	1	3	African American	0.25	0.75
ANKRD11	chr16	89280703	rs757293729	G	A	2	0	2	Latin American 2	0.5	0.5
ANKRD11	chr16	89280721	rs747409293	C	T	3	0	3	Latin American 2	0.666666667	0.444444444
ANKRD11	chr16	89280750	rs760463786	AGGTAGCTGGG	A	2	1	1	European	1	0
ANKRD11	chr16	89280765	rs778991139	G	A	2	1	1	Latin American 1	1	0
ANKRD11	chr16	89280769	rs199914958	G	T	17	9	8	European	0.882352941	0.214532872
ANKRD11	chr16	89280774	chr16_89280774_A_G	A	G	2	0	2	East Asian	0.5	0.5
ANKRD11	chr16	89280775	chr16_89280775_T_C	T	C	2	0	2	East Asian	0.5	0.5
ANKRD11	chr16	89280804	rs142373563	G	T	57	12	45	African American	0.473684211	0.638350262
ANKRD11	chr16	89280806	rs765117665	G	T	3	0	3	European	1	0
ANKRD11	chr16	89280844	rs1214901940	C	T	3	0	3	Latin American 2	1	0
ANKRD11	chr16	89280862	rs768300352	G	T	2	0	2	East Asian	1	0
ANKRD11	chr16	89280877	rs202034147	T	C	102	36	66	East Asian	0.970588235	0.057093426
ANKRD11	chr16	89280910	rs143743958	A	G	24	3	21	European	0.541666667	0.53125
ANKRD11	chr16	89280912	rs768249075	G	A	2	0	2	European	1	0
ANKRD11	chr16	89280913	rs142527333	G	A	23	7	16	African American	0.565217391	0.570888469
ANKRD11	chr16	89280919	rs367577142	C	T	2	0	2	European	1	0
ANKRD11	chr16	89280960	rs1330096633	T	C	3	0	3	European	0.666666667	0.444444444
ANKRD11	chr16	89280964	rs144516367	G	A	37	12	25	European	0.513513514	0.648648649
ANKRD11	chr16	89281023	rs139088883	G	A	4	0	4	European	0.5	0.625
ANKRD11	chr16	89281024	rs144003224	C	T	9	3	6	Latin American 1	0.444444444	0.691358025
ANKRD11	chr16	89281033	rs145906515	G	A	289	103	186	European	0.557093426	0.606817447
ANKRD11	chr16	89281035	rs762090938	G	A	2	0	2	South Asian	1	0
ANKRD11	chr16	89281049	rs768500822	G	GTCT	17	5	12	African American	0.411764706	0.733564014
ANKRD11	chr16	89281060	chr16_89281060_A_T	A	T	2	0	2	East Asian	1	0
ANKRD11	chr16	89281074	rs372569223	G	C	5	3	2	European	1	0
ANKRD11	chr16	89281078	rs373805397	C	T	10	3	7	East Asian	1	0
ANKRD11	chr16	89281129	rs151288302	C	T	40	14	26	African American	0.525	0.62375
ANKRD11	chr16	89281129	chr16_89281129_C_A	C	A	4	0	4	European	0.5	0.5
ANKRD11	chr16	89281144	rs369218399	C	T	4	0	4	European	1	0
ANKRD11	chr16	89281204	rs75362060	C	T	477	171	306	European	0.528301887	0.605997477
ANKRD11	chr16	89281204	chr16_89281204_C_A	C	A	2	0	2	East Asian	1	0
ANKRD11	chr16	89281210	chr16_89281210_C_T	C	T	2	0	2	South Asian	1	0

ANKRD11	chr16	89281219	rs559618415	C	T	2	2	0	European	0.5	0.5
ANKRD11	chr16	89281227	rs776119333	G	A	8	1	7	European	0.375	0.6875
ANKRD11	chr16	89281242	rs146303178	G	A	2	1	1	European	1	0
ANKRD11	chr16	89281279	rs752613308	C	T	2	1	1	European	1	0
ANKRD11	chr16	89281291	rs201278036	C	T	2	0	2	Latin American 2	0.5	0.5
ANKRD11	chr16	89281305	rs561668093	G	A	3	1	2	East Asian	0.666666667	0.444444444
ANKRD11	chr16	89281309	rs772727317	A	T	2	0	2	European	1	0
ANKRD11	chr16	89281311	rs762398457	T	A	3	3	0	European	0.666666667	0.444444444
ANKRD11	chr16	89281312	rs770511968	G	C	5	1	4	European	0.8	0.32
ANKRD11	chr16	89281321	rs541046005	C	T	3	0	3	African American	0.333333333	0.666666667
ANKRD11	chr16	89281326	rs757264535	C	T	3	0	3	European	0.666666667	0.444444444
ANKRD11	chr16	89281344	rs148243995	G	A	113	43	70	Latin American 1	0.495575221	0.598793954
ANKRD11	chr16	89281345	rs780508146	C	T	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89281357	rs368667754	C	T	4	0	4	East Asian	1	0
ANKRD11	chr16	89281359	rs955262955	C	G	2	0	2	African American	1	0
ANKRD11	chr16	89281368	rs764002055	G	A	2	0	2	European	1	0
ANKRD11	chr16	89281390	rs751869374	C	A	2	0	2	AFR	1	0
ANKRD11	chr16	89281404	rs748594316	G	A	3	1	2	African American	0.333333333	0.666666667
ANKRD11	chr16	89281447	rs749845953	G	A	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89281454	rs146205997	G	C	89	26	63	Latin American 1	0.483146067	0.684004545
ANKRD11	chr16	89281551	rs201160642	G	A	4	0	4	AFR	0.25	0.75
ANKRD11	chr16	89281552	rs139814582	C	T	2	1	1	African American	1	0
ANKRD11	chr16	89281614	rs147690079	G	T	19	11	8	Latin American 1	1	0
ANKRD11	chr16	89281614	chr16_89281614_G_A	G	A	2	0	2	European	1	0
ANKRD11	chr16	89281630	chr16_89281630_G_A	G	A	4	1	3	European	0.75	0.375
ANKRD11	chr16	89281665	rs748427842	G	A	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89281666	chr16_89281666_G_T	G	T	2	0	2	European	0.5	0.5
ANKRD11	chr16	89281701	rs553093779	C	A	2	0	2	European	1	0
ANKRD11	chr16	89281898	rs145653946	C	T	3	1	2	African American	1	0
ANKRD11	chr16	89281923	rs145415643	T	C	40	11	29	African American	0.7	0.47625
ANKRD11	chr16	89281963	rs777979146	C	T	2	0	2	Latin American 1	0.5	0.5
ANKRD11	chr16	89282005	rs1289430140	C	T	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89282007	rs780686131	C	T	2	1	1	European	1	0
ANKRD11	chr16	89282008	rs372367879	G	A	4	0	4	African American	0.5	0.625
ANKRD11	chr16	89282013	rs770592504	G	A	3	1	2	Latin American 1	0.666666667	0.444444444
ANKRD11	chr16	89282035	rs537684815	C	T	6	0	6	South Asian	1	0
ANKRD11	chr16	89282043	rs534329317	TGCTCGTCCCT	T	39	4	35	South Asian	0.487179487	0.61669954
ANKRD11	chr16	89282043	rs762626265	T	TGCTCGTCC	5	0	5	African American	0.2	0.8
ANKRD11	chr16	89282056	rs765525860	G	T	3	2	1	European	1	0
ANKRD11	chr16	89282071	rs1296165234	C	T	9	2	7	Latin American 1	1	0
ANKRD11	chr16	89282078	rs148191751	G	T	13	0	13	African American	0.769230769	0.378698225
ANKRD11	chr16	89282086	rs189656772	G	A	3	0	3	European	0.666666667	0.444444444
ANKRD11	chr16	89282089	rs770463986	G	C	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89282100	rs148065431	G	A	13	5	8	East Asian	0.923076923	0.142011834
ANKRD11	chr16	89282124	rs748649276	T	C	2	1	1	European	1	0
ANKRD11	chr16	89282149	rs746788345	G	T	2	0	2	European	1	0

ANKRD11	chr16	89282151	rs147285830	T	C	8	2	6	European	1	0
ANKRD11	chr16	89282157	rs753054998	CTCT	C	3	1	2	Latin American 1	0.666666667	0.444444444
ANKRD11	chr16	89282160	rs769926682	T	C	5	2	3	European	1	0
ANKRD11	chr16	89282255	rs369930119	A	T	9	3	6	African American	0.444444444	0.592592593
ANKRD11	chr16	89282300	rs778347369	ATCT	A	32	13	19	African American	0.53125	0.603515625
ANKRD11	chr16	89282301	rs1288680584	T	C	2	0	2	South Asian	1	0
ANKRD11	chr16	89282305	rs140373729	C	T	42	14	28	European	0.761904762	0.382086168
ANKRD11	chr16	89282307	rs578198369	A	G	13	5	8	European	0.846153846	0.272189349
ANKRD11	chr16	89282329	rs1013514926	A	C	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89282355	rs560837281	A	T	2	0	2	European	0.5	0.5
ANKRD11	chr16	89282374	rs201207422	C	T	7	2	5	European	1	0
ANKRD11	chr16	89282406	rs1332796115	T	C	2	1	1	European	0.5	0.5
ANKRD11	chr16	89282412	rs754339551	CCCTTCTCTTC	C	2	0	2	European	0.5	0.5
ANKRD11	chr16	89282530	rs753576509	C	T	2	0	2	South Asian	1	0
ANKRD11	chr16	89282565	rs144673419	G	A	55	20	35	European	0.6	0.507107438
ANKRD11	chr16	89282569	rs138543822	A	G	10	7	3	East Asian	0.5	0.62
ANKRD11	chr16	89282569	chr16_89282569_A_T	A	T	7	3	4	European	1	0
ANKRD11	chr16	89282589	rs570483616	G	C	11	5	6	East Asian	0.909090909	0.165289256
ANKRD11	chr16	89282598	rs186068075	G	A	6	1	5	European	0.833333333	0.277777778
ANKRD11	chr16	89282612	rs777949492	G	C	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89282650	rs778998883	C	CGTT	17	4	13	African American	0.470588235	0.636678201
ANKRD11	chr16	89282662	rs144053389	C	G	8	3	5	African American	0.875	0.21875
ANKRD11	chr16	89282670	rs377605019	T	C	4	1	3	African American	0.5	0.5
ANKRD11	chr16	89282683	rs773010718	C	T	2	0	2	East Asian	1	0
ANKRD11	chr16	89282701	chr16_89282701_G_T	G	T	2	1	1	African American	1	0
ANKRD11	chr16	89282710	rs543173285	T	C	2	0	2	European	1	0
ANKRD11	chr16	89282715	rs762783165	G	A	2	0	2	European	0.5	0.5
ANKRD11	chr16	89282716	rs139239852	C	T	20	3	17	African American	0.7	0.475
ANKRD11	chr16	89282736	chr16_89282736_T_C	T	C	2	2	0	European	0.5	0.5
ANKRD11	chr16	89282799	rs752060365	G	A	5	0	5	South Asian	1	0
ANKRD11	chr16	89282824	rs1481707531	C	G	2	1	1	European	1	0
ANKRD11	chr16	89282856	rs775494693	G	A	2	1	1	European	0.5	0.5
ANKRD11	chr16	89282872	rs762090270	C	T	2	1	1	Native American	1	0
ANKRD11	chr16	89282873	rs896542526	T	TCTGTCCTTC	3	1	2	African American	1	0
ANKRD11	chr16	89282885	rs1356781316	G	T	2	0	2	AFR	1	0
ANKRD11	chr16	89282887	rs752033929	C	T	3	1	2	Latin American 2	0.666666667	0.444444444
ANKRD11	chr16	89282929	rs746919250	G	A	3	0	3	Latin American 2	1	0
ANKRD11	chr16	89282958	rs144199827	C	T	36	17	19	Latin American 1	0.75	0.416666667
ANKRD11	chr16	89282964	rs61744864	G	A	58	23	35	African American	0.551724138	0.580261593
ANKRD11	chr16	89282968	rs774601199	C	T	2	0	2	European	0.5	0.5
ANKRD11	chr16	89283049	rs985837806	T	A	3	0	3	Latin American 1	1	0
ANKRD11	chr16	89283091	chr16_89283091_C_T	C	T	2	2	0	African American	0.5	0.5
ANKRD11	chr16	89283100	rs143417087	C	T	6	3	3	European	1	0
ANKRD11	chr16	89283105	rs150325340	G	A	15	2	13	European	0.4	0.737777778
ANKRD11	chr16	89283111	rs137894790	G	A	113	48	65	East Asian	0.946902655	0.102435586
ANKRD11	chr16	89283111	chr16_89283111_G_T	G	T	2	2	0	European	1	0

ANKRD11	chr16	89283111	chr16_89283111_G_C	G	C	2	0	2	European	1	0
ANKRD11	chr16	89283118	rs373193679	C	T	4	2	2	European	0.75	0.375
ANKRD11	chr16	89283142	rs373554894	C	T	6	0	6	Latin American 2	0.666666667	0.444444444
ANKRD11	chr16	89283222	rs747642726	T	C	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89283244	rs746044012	A	G	2	0	2	European	1	0
ANKRD11	chr16	89283244	chr16_89283244_A_T	A	T	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89283260	rs139384857	G	C	8	3	5	African American	0.5	0.5
ANKRD11	chr16	89283268	rs773172347	G	A	7	4	3	Latin American 1	0.571428571	0.571428571
ANKRD11	chr16	89283309	rs753662123	G	A	2	0	2	European	0.5	0.5
ANKRD11	chr16	89283315	rs747301279	CTTCTT	C	2	0	2	Latin American 1	0.5	0.5
ANKRD11	chr16	89283390	rs200756644	T	G	3	0	3	European	1	0
ANKRD11	chr16	89283444	rs201522384	C	A	7	1	6	European	1	0
ANKRD11	chr16	89283496	rs141871215	C	T	2	2	0	African American	1	0
ANKRD11	chr16	89283498	rs200650209	G	A	4	1	3	European	0.5	0.5
ANKRD11	chr16	89283501	rs1483914550	C	A	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89283505	rs761762028	CCTT	C	5	2	3	South Asian	0.6	0.56
ANKRD11	chr16	89283523	rs752918694	G	C	2	0	2	European	1	0
ANKRD11	chr16	89283537	rs757870881	C	T	7	2	5	European	0.857142857	0.244897959
ANKRD11	chr16	89283546	rs780895582	G	A	10	3	7	Latin American 1	0.6	0.54
ANKRD11	chr16	89283571	rs770821636	C	T	2	1	1	European	0.5	0.5
ANKRD11	chr16	89283591	rs754224251	C	A	2	0	2	Latin American 2	0.5	0.5
ANKRD11	chr16	89283596	rs199903301	C	G	3	0	3	European	0.666666667	0.444444444
ANKRD11	chr16	89283624	rs769464008	C	T	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89283625	rs202099475	G	A	10	6	4	Latin American 1	0.8	0.32
ANKRD11	chr16	89283652	rs375695945	C	T	5	2	3	European	0.6	0.56
ANKRD11	chr16	89283662	rs201826191	C	G	5	4	1	European	1	0
ANKRD11	chr16	89283697	rs368593056	G	A	3	2	1	African American	0.333333333	0.666666667
ANKRD11	chr16	89283709	rs201376347	C	T	12	2	10	AFR	0.75	0.402777778
ANKRD11	chr16	89283711	rs1031755247	G	A	2	1	1	Latin American 2	0.5	0.5
ANKRD11	chr16	89283716	rs772713030	TCTC	T	4	3	1	East Asian	0.75	0.375
ANKRD11	chr16	89283738	rs575811373	G	A	2	0	2	European	0.5	0.5
ANKRD11	chr16	89283742	rs752116186	G	A	2	0	2	South Asian	1	0
ANKRD11	chr16	89283783	rs773527879	C	G	4	2	2	European	1	0
ANKRD11	chr16	89283835	rs764784295	G	A	3	1	2	African American	1	0
ANKRD11	chr16	89283858	rs199800166	C	T	22	10	12	Latin American 1	0.954545455	0.08677686
ANKRD11	chr16	89283859	rs781323579	G	A	3	0	3	African American	0.666666667	0.444444444
ANKRD11	chr16	89283864	rs1298734986	C	T	2	1	1	European	1	0
ANKRD11	chr16	89283874	rs1357840458	G	A	3	0	3	East Asian	0.333333333	0.666666667
ANKRD11	chr16	89283931	rs201607978	C	T	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89283933	rs150964764	C	T	7	1	6	Latin American 2	0.714285714	0.448979592
ANKRD11	chr16	89283963	rs145730800	G	A	5	1	4	Latin American 1	0.6	0.48
ANKRD11	chr16	89284023	rs149776253	C	T	58	13	45	European	0.793103448	0.35255648
ANKRD11	chr16	89284161	rs759272573	A	G	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89284170	rs1423017592	T	C	2	1	1	European	1	0
ANKRD11	chr16	89284183	rs760426316	T	C	6	3	3	East Asian	1	0
ANKRD11	chr16	89284205	chr16_89284205_C_A	C	A	2	2	0	European	1	0

ANKRD11	chr16	89284228	rs750596755	G	A	3	1	2	European	0.666666667	0.444444444
ANKRD11	chr16	89284233	rs780182611	T	C	3	0	3	South Asian	1	0
ANKRD11	chr16	89284284	rs143279397	G	A	4	1	3	Latin American 2	0.5	0.625
ANKRD11	chr16	89284302	rs138898373	G	A	42	11	31	European	0.880952381	0.216553288
ANKRD11	chr16	89284303	rs142059753	A	G	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89284326	rs146294483	G	A	10	3	7	European	0.8	0.34
ANKRD11	chr16	89284329	rs370690185	C	T	6	2	4	European	1	0
ANKRD11	chr16	89284348	rs377553429	A	G	2	1	1	African American	1	0
ANKRD11	chr16	89284358	rs150810048	G	C	12	5	7	Latin American 1	0.666666667	0.444444444
ANKRD11	chr16	89284379	rs139134429	G	C	6	2	4	Latin American 1	0.833333333	0.277777778
ANKRD11	chr16	89284418	chr16_89284418_T_A	T	A	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89284455	rs773188476	T	G	3	2	1	European	1	0
ANKRD11	chr16	89284468	rs149939914	C	T	2	1	1	Latin American 1	0.5	0.5
ANKRD11	chr16	89284477	rs1347573248	G	C	2	1	1	European	1	0
ANKRD11	chr16	89284486	rs759702780	C	G	3	0	3	African American	0.666666667	0.444444444
ANKRD11	chr16	89284514	rs754370770	A	C	2	0	2	Latin American 2	1	0
ANKRD11	chr16	89284572	rs374714172	A	T	3	1	2	European	1	0
ANKRD11	chr16	89284618	rs757738828	CCTT	C	2	0	2	European	0.5	0.5
ANKRD11	chr16	89284667	rs1267173254	C	G	2	1	1	European	1	0
ANKRD11	chr16	89284690	rs140370885	C	T	31	7	24	European	0.903225806	0.178980229
ANKRD11	chr16	89284698	rs115797011	G	C	346	101	245	African American	0.60982659	0.558087474
ANKRD11	chr16	89284698	chr16_89284698_G_A	G	A	10	3	7	European	0.7	0.46
ANKRD11	chr16	89284699	rs776780527	C	T	8	2	6	Latin American 2	0.375	0.71875
ANKRD11	chr16	89284716	rs757383760	CTCT	C	3	0	3	European	0.666666667	0.444444444
ANKRD11	chr16	89284717	rs141168665	T	C	8	3	5	European	0.875	0.21875
ANKRD11	chr16	89284717	chr16_89284717_T_G	T	G	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89284724	chr16_89284724_C_A	C	A	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89284728	rs749017226	G	A	3	1	2	African American	0.333333333	0.666666667
ANKRD11	chr16	89284740	rs371119186	C	T	2	1	1	European	0.5	0.5
ANKRD11	chr16	89284746	rs1305076348	C	T	3	1	2	East Asian	1	0
ANKRD11	chr16	89284779	rs202142344	G	A	42	4	38	Latin American 1	1	0
ANKRD11	chr16	89284803	rs558841201	G	T	12	0	12	South Asian	0.833333333	0.291666667
ANKRD11	chr16	89284806	rs752173892	T	C	3	0	3	African American	0.666666667	0.444444444
ANKRD11	chr16	89284807	rs143817649	A	C	11	0	11	South Asian	0.909090909	0.165289256
ANKRD11	chr16	89284834	rs747071647	T	C	4	2	2	East Asian	1	0
ANKRD11	chr16	89284875	rs780150752	GAAGAAATGGT	G	4	3	1	European	1	0
ANKRD11	chr16	89284903	rs1178134024	G	A	11	5	6	Latin American 1	1	0
ANKRD11	chr16	89284919	rs150236869	C	G	2	2	0	African American	1	0
ANKRD11	chr16	89284951	rs756332789	C	T	2	0	2	Latin American 1	0.5	0.5
ANKRD11	chr16	89284963	rs752451204	C	T	4	0	4	European	0.5	0.625
ANKRD11	chr16	89284965	rs374369335	T	A	19	6	13	European	1	0
ANKRD11	chr16	89284981	rs374072757	A	C	2	0	2	East Asian	1	0
ANKRD11	chr16	89285092	rs1171733992	C	T	2	1	1	MEN	0.5	0.5
ANKRD11	chr16	89285104	rs1292885694	C	G	2	2	0	African American	0.5	0.5
ANKRD11	chr16	89285112	rs777270316	C	G	4	1	3	Latin American 2	1	0
ANKRD11	chr16	89285115	rs141997519	A	T	5	2	3	Latin American 1	1	0

ANKRD11	chr16	89285122	rs370417892	C	T	2	1	1	African American	0.5	0.5
ANKRD11	chr16	89285157	rs765490326	G	C	6	1	5	European	0.666666667	0.5
ANKRD11	chr16	89285169	rs778960311	C	T	6	0	6	Latin American 1	0.666666667	0.5
ANKRD11	chr16	89285182	rs149569330	C	T	5	3	2	European	0.6	0.56
ANKRD11	chr16	89285183	rs768891680	TTTA	T	2	0	2	South Asian	1	0
ANKRD11	chr16	89285208	rs536676415	G	T	2	0	2	South Asian	1	0
ANKRD11	chr16	89285244	rs1048440933	A	C	305	145	160	European	0.937704918	0.119688256
ANKRD11	chr16	89285247	rs148472572	G	A	2	1	1	European	0.5	0.5
ANKRD11	chr16	89285247	chr16_89285247_G_C	G	C	3	0	3	South Asian	1	0
ANKRD11	chr16	89285251	chr16_89285251_G_A	G	A	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89285251	chr16_89285251_G_GCCGT	G	GCCGTCTTC	4	1	3	European	1	0
ANKRD11	chr16	89285256	rs370109948	G	A	6	2	4	Latin American 1	0.833333333	0.277777778
ANKRD11	chr16	89285277	rs1233558713	G	T	2	1	1	European	1	0
ANKRD11	chr16	89285284	rs147180412	C	T	16	4	12	African American	0.4375	0.6796875
ANKRD11	chr16	89285295	rs773132293	G	A	12	4	8	Latin American 1	1	0
ANKRD11	chr16	89285296	rs200886155	C	T	3	2	1	Latin American 2	0.666666667	0.444444444
ANKRD11	chr16	89285355	rs145699896	G	A	2	0	2	South Asian	1	0
ANKRD11	chr16	89285366	rs1367492419	AGTG	A	2	0	2	Latin American 1	1	0
ANKRD11	chr16	89285395	rs371142732	T	C	7	1	6	African American	0.285714286	0.734693878
ANKRD11	chr16	89285409	rs202203523	T	C	15	2	13	European	0.666666667	0.524444444
ANKRD11	chr16	89285418	rs559672667	G	A	13	2	11	Latin American 1	0.692307692	0.473372781
ANKRD11	chr16	89285482	rs1169051044	C	T	2	0	2	European	1	0
ANKRD11	chr16	89285515	rs147744268	C	T	48	17	31	African American	0.520833333	0.553819444
ANKRD11	chr16	89285629	rs138353708	C	T	2	0	2	African American	0.5	0.5
ANKRD11	chr16	89286041	rs140998225	G	A	163	56	107	European	0.435582822	0.638789567
ANKRD11	chr16	89286063	rs776494318	T	C	4	2	2	European	0.5	0.625
ANKRD11	chr16	89286093	rs199778705	C	A	16	5	11	European	0.75	0.375
ANKRD11	chr16	89286098	rs751642003	G	A	17	7	10	Latin American 1	0.941176471	0.110726644
ANKRD11	chr16	89286107	rs138723232	T	C	9	2	7	Latin American 1	0.444444444	0.666666667
ANKRD11	chr16	89286168	rs762710349	G	A	2	0	2	Latin American 2	0.5	0.5
ANKRD11	chr16	89290646	rs374133199	C	T	2	0	2	Latin American 2	0.5	0.5
ANKRD11	chr16	89290685	rs777123332	C	T	2	1	1	European	0.5	0.5
ANKRD11	chr16	89290768	rs780204136	G	C	6	1	5	Latin American 2	0.5	0.5
ANKRD11	chr16	89290777	rs777070083	G	A	2	2	0	European	1	0
ANKRD11	chr16	89291084	rs778287566	T	C	2	1	1	European	1	0
ANKRD11	chr16	89291130	rs190143218	C	G	22	10	12	East Asian	0.909090909	0.165289256
ANKRD11	chr16	89291135	rs143894223	C	T	10	3	7	European	1	0
ANKRD11	chr16	89291136	rs1482187297	G	A	2	0	2	European	1	0
ANKRD11	chr16	89305242	rs758197438	C	T	3	3	0	East Asian	0.666666667	0.444444444
ANKRD11	chr16	89305296	rs144947610	C	T	23	7	16	African American	0.565217391	0.570888469
ANKRD11	chr16	89305316	rs149152296	G	A	6	5	1	European	1	0
PRPSAP2	chr17	18858267	rs1027093192	C	T	8	4	4	European	0.625	0.46875
PRPSAP2	chr17	18858268	rs1002122928	G	T	3	2	1	European	0.666666667	0.444444444
PRPSAP2	chr17	18865455	rs951777470	G	A	11	1	10	Latin American 2	0.909090909	0.165289256
PRPSAP2	chr17	18865794	rs200374403	C	T	5	3	2	East Asian	1	0
PRPSAP2	chr17	18867283	chr17_18867283_C_A	C	A	2	0	2	South Asian	1	0

PRPSAP2	chr17	18872570	rs759641444	C	T	15	1	14	Latin American 2	0.866666667	0.231111111
PRPSAP2	chr17	18872647	rs149614767	G	A	74	28	46	European	1	0
PRPSAP2	chr17	18877683	rs375670818	G	T	2	1	1	European	1	0
PRPSAP2	chr17	18877686	rs1024134091	T	C	2	0	2	European	1	0
PRPSAP2	chr17	18877877	rs773909599	A	G	4	0	4	South Asian	1	0
PRPSAP2	chr17	18877878	rs138257603	T	C	23	9	14	African American	0.695652174	0.461247637
PRPSAP2	chr17	18882570	rs80293494	C	T	591	168	423	African American	0.536379019	0.611828299
PRPSAP2	chr17	18923904	rs568479364	T	A	20	7	13	European	0.7	0.475
PRPSAP2	chr17	18930524	rs754325362	T	C	3	0	3	European	1	0
PRPSAP2	chr17	18930526	rs1218554127	C	T	7	0	7	European	0.857142857	0.244897959
PRPSAP2	chr17	18930526	chr17_18930526_C_A	C	A	258	39	219	European	0.73255814	0.442130882
PRPSAP2	chr17	18930526	chr17_18930526_C_G	C	G	36	1	35	European	0.777777778	0.38117284
PRPSAP2	chr17	18930531	rs1235575326	G	T	480	58	422	European	0.720833333	0.456032986
PRPSAP2	chr17	18930532	chr17_18930532_C_G	C	G	40	2	38	European	0.8	0.34125
PRPSAP2	chr17	18930535	chr17_18930535_C_A	C	A	9	1	8	European	0.888888889	0.197530864
KRT23	chr17	40923077	rs747434633	G	C	2	2	0	European	1	0
KRT23	chr17	40923080	rs17856805	G	T	2	2	0	European	1	0
KRT23	chr17	40924483	rs773193282	G	A	2	0	2	European	0.5	0.5
KRT23	chr17	40924498	rs201362244	C	T	2	1	1	European	1	0
KRT23	chr17	40924499	rs570247559	G	A	5	3	2	European	0.4	0.72
KRT23	chr17	40925362	rs141079166	C	G	50	7	43	South Asian	0.58	0.5752
KRT23	chr17	40925378	rs370019396	C	T	5	2	3	European	0.6	0.56
KRT23	chr17	40925379	rs575192650	G	A	7	1	6	South Asian	0.571428571	0.612244898
KRT23	chr17	40925381	rs575665618	C	T	2	1	1	European	1	0
KRT23	chr17	40925384	rs779534374	T	C	4	3	1	African American	1	0
KRT23	chr17	40925387	rs115317761	G	A	67	20	47	African American	0.626865672	0.530184896
KRT23	chr17	40925415	rs770614314	T	C	2	0	2	European	1	0
KRT23	chr17	40925443	chr17_40925443_G_T	G	T	2	0	2	Latin American 1	1	0
KRT23	chr17	40925450	rs200066086	C	T	2	0	2	East Asian	1	0
KRT23	chr17	40925454	chr17_40925454_C_G	C	G	3	1	2	African American	1	0
KRT23	chr17	40925465	rs574631428	C	T	7	1	6	European	0.857142857	0.244897959
KRT23	chr17	40925474	rs141349810	G	A	2	1	1	European	0.5	0.5
KRT23	chr17	40925478	chr17_40925478_G_C	G	C	5	0	5	Latin American 2	0.6	0.48
KRT23	chr17	40925528	rs147078850	G	A	9	5	4	European	1	0
KRT23	chr17	40925534	rs771092085	C	T	7	0	7	South Asian	0.857142857	0.244897959
KRT23	chr17	40925535	rs377660950	G	A	6	3	3	African American	0.833333333	0.277777778
KRT23	chr17	40925547	rs138481901	C	T	15	5	10	European	1	0
KRT23	chr17	40925556	chr17_40925556_T_C	T	C	2	0	2	African American	0.5	0.5
KRT23	chr17	40925562	rs147325821	C	G	11	2	9	Latin American 1	0.727272727	0.429752066
KRT23	chr17	40928239	rs35937181	G	A	253	62	191	African American	0.581027668	0.583855395
KRT23	chr17	40928247	rs561067179	C	G	2	0	2	South Asian	1	0
KRT23	chr17	40928263	chr17_40928263_A_T	A	T	3	2	1	Latin American 1	1	0
KRT23	chr17	40928284	rs115236336	C	T	31	13	18	African American	0.483870968	0.647242456
KRT23	chr17	40928285	rs371648763	G	A	7	1	6	Latin American 2	0.428571429	0.693877551
KRT23	chr17	40928321	chr17_40928321_C_T	C	T	3	1	2	East Asian	1	0
KRT23	chr17	40928474	rs541449842	C	T	4	0	4	South Asian	1	0

KRT23	chr17	40928552	rs201505756	G	A	2	1	1	Latin American 1	0.5	0.5
KRT23	chr17	40928554	rs188613400	A	T	3	2	1	African American	0.666666667	0.444444444
KRT23	chr17	40928573	rs181367091	T	C	3	0	3	South Asian	1	0
KRT23	chr17	40928588	rs371102975	A	T	3	2	1	European	1	0
KRT23	chr17	40929977	rs140407470	C	T	20	6	14	African American	0.75	0.375
KRT23	chr17	40930050	rs1354811042	C	T	3	1	2	Latin American 1	1	0
KRT23	chr17	40931400	chr17_40931400_C_T	C	T	2	0	2	Latin American 1	1	0
KRT23	chr17	40931433	rs149764180	T	C	4	1	3	European	1	0
KRT23	chr17	40931440	rs145716105	T	A	3	0	3	European	0.666666667	0.444444444
KRT23	chr17	40931454	rs1342737717	A	C	3	1	2	Latin American 1	0.666666667	0.444444444
KRT23	chr17	40936213	rs897151182	C	T	25	9	16	Latin American 1	0.96	0.0768
KRT23	chr17	40936312	rs761573793	T	G	3	0	3	South Asian	1	0
KRT23	chr17	40936332	rs148131200	C	T	33	8	25	European	0.696969697	0.475665748
KRT23	chr17	40936333	rs373501029	G	A	2	0	2	Latin American 2	1	0
KRT23	chr17	40936344	rs771311454	A	G	2	1	1	European	1	0
KRT23	chr17	40936366	chr17_40936366_T_G	T	G	345	55	290	European	0.582608696	0.608561227
KRT23	chr17	40936378	rs767175557	T	G	2	0	2	African American	0.5	0.5
KRT23	chr17	40936401	rs1312086692	A	G	5	2	3	Latin American 2	0.6	0.56
KRT23	chr17	40936401	chr17_40936401_A_C	A	C	2	1	1	European	1	0
KRT23	chr17	40936435	rs200948461	C	T	3	1	2	European	0.666666667	0.444444444
KRT23	chr17	40936437	rs200635872	C	T	7	1	6	Latin American 1	0.714285714	0.408163265
KRT23	chr17	40936440	chr17_40936440_G_C	G	C	2	0	2	European	1	0
KRT23	chr17	40936449	rs759203930	C	T	2	0	2	Latin American 2	1	0
KRT23	chr17	40936455	rs148371500	C	A	5	0	5	European	0.8	0.32
KRT23	chr17	40936489	rs139361222	C	A	472	138	334	African American	0.580508475	0.577213804
KRT23	chr17	40936489	chr17_40936489_C_T	C	T	16	6	10	European	0.6875	0.4609375
KRT23	chr17	40936495	rs759379498	C	T	5	2	3	East Asian	0.8	0.32
KRT23	chr17	40936516	rs747598293	T	C	16	7	9	European	0.4375	0.6328125
KRT23	chr17	40936533	rs376457106	C	T	7	0	7	African American	0.857142857	0.244897959
KRT23	chr17	40936546	rs748489262	C	T	2	1	1	African American	1	0
KRT23	chr17	40936556	rs202197762	A	C	15	4	11	East Asian	0.866666667	0.231111111
SMURF2	chr17	64545942	rs559722942	T	C	5	0	5	South Asian	1	0
SMURF2	chr17	64547671	chr17_64547671_C_T	C	T	2	0	2	Latin American 2	0.5	0.5
SMURF2	chr17	64547746	rs782062513	C	T	2	0	2	East Asian	0.5	0.5
SMURF2	chr17	64547747	rs201657151	G	A	4	0	4	European	0.5	0.625
SMURF2	chr17	64551607	rs528473359	T	C	10	1	9	South Asian	1	0
SMURF2	chr17	64554953	chr17_64554953_C_T	C	T	2	0	2	Latin American 1	1	0
SMURF2	chr17	64554961	rs370520140	G	A	4	1	3	European	1	0
SMURF2	chr17	64555836	chr17_64555836_T_C	T	C	2	0	2	Latin American 2	1	0
SMURF2	chr17	64555938	rs1250971827	G	T	12	4	8	Latin American 1	0.916666667	0.152777778
SMURF2	chr17	64555950	rs782497053	C	T	2	0	2	East Asian	1	0
SMURF2	chr17	64561536	chr17_64561536_C_A	C	A	2	0	2	Latin American 1	0.5	0.5
SMURF2	chr17	64561588	rs782492471	C	A	7	0	7	Latin American 2	0.857142857	0.244897959
SMURF2	chr17	64561602	rs782498467	T	C	3	3	0	European	1	0
SMURF2	chr17	64562803	rs142473670	G	A	10	2	8	European	0.8	0.34
SMURF2	chr17	64562866	chr17_64562866_C_T	C	T	2	1	1	Native American	1	0

SMURF2	chr17	64562905	rs1339401322	T	G	2	1	1	European	1	0
SMURF2	chr17	64562964	rs782096701	C	T	4	3	1	East Asian	1	0
SMURF2	chr17	64562965	rs782244329	G	A	4	1	3	European	0.25	0.75
SMURF2	chr17	64571939	rs143629300	T	C	25	7	18	East Asian	0.8	0.3424
SMURF2	chr17	64571940	rs144648010	T	C	10	4	6	Latin American 1	0.6	0.54
SMURF2	chr17	64578511	rs782055302	G	A	2	1	1	African American	0.5	0.5
SMURF2	chr17	64580813	rs782789235	G	T	2	2	0	European	0.5	0.5
SMURF2	chr17	64580909	rs535944315	C	T	3	0	3	South Asian	1	0
SMURF2	chr17	64580917	rs1225064858	G	T	3	0	3	African American	1	0
SMURF2	chr17	64580981	rs557992978	C	T	2	0	2	European	0.5	0.5
SMURF2	chr17	64583461	rs1397410994	C	T	2	0	2	European	1	0
SMURF2	chr17	64583525	rs141070223	C	T	6	2	4	European	0.833333333	0.277777778
SMURF2	chr17	64586087	chr17_64586087_C_G	C	G	6	1	5	European	0.5	0.611111111
SMURF2	chr17	64586093	chr17_64586093_G_T	G	T	330	66	264	European	0.566666667	0.62775023
SMURF2	chr17	64586099	chr17_64586099_C_G	C	G	6	2	4	African American	0.333333333	0.722222222
SMURF2	chr17	64586100	chr17_64586100_G_T	G	T	387	58	329	European	0.573643411	0.604864825
SMURF2	chr17	64586105	chr17_64586105_C_A	C	A	586	155	431	European	0.5221843	0.663857471
SMURF2	chr17	64586143	rs782166497	C	T	4	3	1	East Asian	1	0
SMURF2	chr17	64586147	rs145845053	T	C	41	12	29	Latin American 1	0.536585366	0.600832838
SMURF2	chr17	64591149	rs373932060	T	A	2	1	1	European	1	0
SMURF2	chr17	64593457	rs781849582	C	T	2	1	1	East Asian	0.5	0.5
SMURF2	chr17	64593475	rs1180983372	A	T	7	5	2	Latin American 1	1	0
SMURF2	chr17	64661852	rs866321574	C	T	101	41	60	European	0.574257426	0.622684051
NPTX1	chr17	80470826	rs754698619	C	T	4	0	4	African American	0.5	0.625
NPTX1	chr17	80470872	rs201425153	T	C	34	13	21	East Asian	1	0
NPTX1	chr17	80470877	rs201679806	G	T	24	11	13	East Asian	0.958333333	0.079861111
NPTX1	chr17	80470890	rs752243454	C	T	2	0	2	East Asian	0.5	0.5
NPTX1	chr17	80470914	rs139409827	T	C	41	16	25	European	0.853658537	0.262938727
NPTX1	chr17	80470947	rs1466750124	C	T	2	0	2	European	1	0
NPTX1	chr17	80470950	rs73432807	G	A	494	154	340	African American	0.467611336	0.595436739
NPTX1	chr17	80470950	chr17_80470950_G_C	G	C	2	1	1	European	1	0
NPTX1	chr17	80470961	rs375690569	C	T	3	2	1	European	1	0
NPTX1	chr17	80471755	rs377120879	C	T	2	0	2	Latin American 2	0.5	0.5
NPTX1	chr17	80471811	rs1356334012	G	A	5	1	4	European	0.8	0.32
NPTX1	chr17	80473250	rs140465326	C	G	3	1	2	European	1	0
NPTX1	chr17	80473393	rs371475961	C	T	2	1	1	European	1	0
NPTX1	chr17	80473429	rs199995922	C	T	7	3	4	European	0.571428571	0.571428571
NPTX1	chr17	80475536	rs1190514189	G	C	7	6	1	Latin American 1	1	0
NPTX1	chr17	80475570	rs1205267788	C	T	27	10	17	Latin American 1	0.962962963	0.07133059
NPTX1	chr17	80475594	rs143382901	C	A	12	2	10	African American	0.583333333	0.486111111
NPTX1	chr17	80475612	rs202053640	A	G	5	1	4	Latin American 2	1	0
NPTX1	chr17	80475633	rs75699547	A	C	72	2	70	European	1	0
NPTX1	chr17	80475684	rs762970588	T	C	4	0	4	European	0.5	0.5
NPTX1	chr17	80475708	rs147136278	C	A	2	1	1	European	1	0
NPTX1	chr17	80476022	rs373040407	G	C	2	1	1	European	1	0
NPTX1	chr17	80476050	rs376278711	G	C	2	0	2	European	1	0

NPTX1	chr17	80476085	rs1314040773	A	G	3	2	1	East Asian	1	0
NPTX1	chr17	80476109	rs775120856	G	A	2	1	1	Latin American 2	1	0
NPTX1	chr17	80476133	rs756426058	C	G	9	5	4	European	1	0
NPTX1	chr17	80476142	rs202234399	G	C	55	20	35	African American	0.727272727	0.413884298
NPTX1	chr17	80476158	rs780891833	G	A	2	2	0	European	1	0
NPTX1	chr17	80476164	rs371219313	G	C	2	1	1	European	1	0
NPTX1	chr17	80476210	rs374235361	G	C	15	4	11	European	0.8	0.32
NPTX1	chr17	80476374	rs201884300	A	T	27	11	16	East Asian	0.962962963	0.07133059
NPTX1	chr17	80476436	rs1158112521	C	T	25	2	23	Latin American 1	1	0
NPTX1	chr17	80476440	chr17_80476440_C_T	C	T	2	0	2	European	1	0
METRNL	chr17	83079832	rs1273070881	G	A	2	0	2	African American	0.5	0.5
METRNL	chr17	83079840	rs1239074924	T	G	36	8	28	European	0.555555556	0.574074074
METRNL	chr17	83079850	rs1444254468	C	G	2	0	2	African American	0.5	0.5
METRNL	chr17	83079856	chr17_83079856_A_C	A	C	42	3	39	Latin American 1	0.5	0.617913832
METRNL	chr17	83079859	rs1269326898	C	A	3	1	2	African American	1	0
METRNL	chr17	83079861	chr17_83079861_T_G	T	G	344	47	297	European	0.494186047	0.66431179
METRNL	chr17	83079864	rs939037769	C	G	304	79	225	African American	0.539473684	0.601692348
METRNL	chr17	83079892	chr17_83079892_C_T	C	T	6	3	3	Latin American 1	1	0
METRNL	chr17	83079894	rs1028679254	C	T	3	1	2	European	1	0
METRNL	chr17	83079898	rs771874865	C	T	8	2	6	Latin American 2	0.875	0.21875
METRNL	chr17	83079943	rs760414473	C	A	8	2	6	Latin American 2	0.875	0.21875
METRNL	chr17	83084946	rs370020717	C	T	13	3	10	Latin American 1	0.384615385	0.74556213
METRNL	chr17	83084951	rs762898819	G	A	2	0	2	European	1	0
METRNL	chr17	83084994	rs575275512	C	T	3	2	1	European	0.666666667	0.444444444
METRNL	chr17	83084996	rs1454900023	G	T	2	2	0	European	1	0
METRNL	chr17	83084997	rs904472135	C	T	2	1	1	Latin American 1	0.5	0.5
METRNL	chr17	83085005	rs746586593	G	A	2	0	2	European	1	0
METRNL	chr17	83085047	rs201383910	C	T	2	2	0	European	0.5	0.5
METRNL	chr17	83085048	rs370479031	G	A	2	1	1	European	0.5	0.5
METRNL	chr17	83085057	rs762026928	C	T	2	0	2	Native American	1	0
METRNL	chr17	83085083	rs777441369	G	A	9	1	8	Latin American 2	0.555555556	0.617283951
METRNL	chr17	83085111	rs201337303	C	T	18	5	13	European	0.666666667	0.518518519
METRNL	chr17	83085167	rs751240756	G	A	2	1	1	African American	0.5	0.5
METRNL	chr17	83085192	rs75438321	A	G	685	211	474	African American	0.468613139	0.623922425
METRNL	chr17	83085237	rs144099835	C	T	3	1	2	European	0.666666667	0.444444444
METRNL	chr17	83085254	rs1362802945	C	T	2	1	1	Latin American 2	1	0
METRNL	chr17	83085278	rs770942902	G	A	2	0	2	European	1	0
METRNL	chr17	83085303	rs910709517	C	T	11	3	8	European	0.818181818	0.314049587
METRNL	chr17	83085313	rs554168103	C	G	13	2	11	Latin American 2	0.692307692	0.426035503
METRNL	chr17	83085314	rs765812124	G	A	3	0	3	Latin American 2	0.333333333	0.666666667
METRNL	chr17	83093167	rs376933401	C	T	23	6	17	South Asian	0.47826087	0.688090737
METRNL	chr17	83093170	rs146370282	C	T	5	2	3	European	1	0
METRNL	chr17	83093193	rs1391084531	G	A	2	1	1	AFR	0.5	0.5
METRNL	chr17	83093195	rs182118556	G	T	5	0	5	East Asian	1	0
METRNL	chr17	83093208	rs145406727	G	A	10	2	8	European	0.8	0.34
METRNL	chr17	83093226	rs947951011	G	A	2	1	1	European	1	0

METRNL	chr17	83094258	rs747441581	G	A	3	2	1	European	1	0
METRNL	chr17	83094262	rs755795037	G	A	2	1	1	African American	0.5	0.5
METRNL	chr17	83094294	rs147805686	G	C	3	2	1	European	1	0
METRNL	chr17	83094297	rs760504714	C	T	3	0	3	European	0.666666667	0.444444444
METRNL	chr17	83094322	rs199638541	G	A	7	0	7	European	1	0
METRNL	chr17	83094360	rs150716802	G	A	25	6	19	European	0.92	0.1504
METRNL	chr17	83094364	rs147617313	C	T	25	11	14	European	0.6	0.5824
METRNL	chr17	83094385	rs142120953	A	G	524	191	333	European	0.795801527	0.353140843
METRNL	chr17	83094396	rs752145587	C	T	8	2	6	Latin American 1	0.75	0.375
METRNL	chr17	83094397	rs150178990	G	A	14	4	10	European	0.571428571	0.62244898
METRNL	chr17	83094423	rs770115888	G	A	4	0	4	European	0.5	0.625
METRNL	chr17	83094426	rs775875720	C	T	5	1	4	African American	0.8	0.32
METRNL	chr17	83094430	rs374765087	C	T	5	1	4	Latin American 1	0.8	0.32
METRNL	chr17	83094470	chr17_83094470_C_G	C	G	2	1	1	European	1	0
METRNL	chr17	83094517	rs138638098	G	A	33	12	21	African American	0.696969697	0.451790634
METRNL	chr17	83094558	rs149571038	G	A	2	1	1	European	1	0
METRNL	chr17	83094568	rs1263135018	C	T	3	1	2	European	0.666666667	0.444444444
ZBTB14	chr18	5292202	rs760397790	C	T	7	5	2	East Asian	1	0
ZBTB14	chr18	5293240	rs776541423	T	C	3	0	3	Native American	0.666666667	0.444444444
ZBTB14	chr18	5293327	rs1332597525	C	A	2	1	1	European	1	0
ZBTB14	chr18	5293335	rs550862320	G	A	4	2	2	European	0.5	0.5
ZBTB14	chr18	5293336	chr18_5293336_G_A	G	A	5	0	5	South Asian	0.8	0.32
ZBTB14	chr18	5293971	rs964918655	C	A	4	2	2	European	1	0
ZBTB14	chr18	5293973	rs573258498	G	A	79	12	67	South Asian	0.455696203	0.653420926
ZBTB14	chr18	5294005	rs903159911	A	T	2	0	2	European	1	0
ZBTB14	chr18	5294010	rs139703005	CAfrican American	C	31	11	20	East Asian	0.903225806	0.174817898
ZBTB14	chr18	5294013	rs1019635860	A	G	3	0	3	European	0.666666667	0.444444444
ZBTB14	chr18	5295625	chr18_5295625_CTGGCCCA	CTGGCCACGC	C	6	0	6	European	0.666666667	0.444444444
ZBTB14	chr18	5295643	chr18_5295643_CGCTCGCA	CGCTCGCA	C	8	0	8	European	1	0
ZBTB14	chr18	5295644	chr18_5295644_G_C	G	C	16	0	16	European	0.6875	0.4765625
ZBTB14	chr18	5295646	rs1245142104	T	TCGCAC	3	1	2	European	0.666666667	0.444444444
ZBTB14	chr18	5295646	chr18_5295646_T_G	T	G	228	68	160	European	0.495614035	0.694136657
ZBTB14	chr18	5295646	chr18_5295646_T_C	T	C	71	9	62	European	0.492957746	0.673675858
ZBTB14	chr18	5295646	chr18_5295646_T_A	T	A	5	2	3	European	0.6	0.56
ZBTB14	chr18	5295648	chr18_5295648_G_C	G	C	53	8	45	European	0.58490566	0.614453542
ZBTB14	chr18	5295650	rs1272011218	ACCGCG	A	6	1	5	African American	0.666666667	0.444444444
ZBTB14	chr18	5295650	rs1224590534	A	ACCGCG	3	0	3	African American	0.666666667	0.444444444
ZBTB14	chr18	5295650	rs1482072479	A	G	4	0	4	European	0.75	0.375
ZBTB14	chr18	5295650	chr18_5295650_A_C	A	C	495	82	413	European	0.565656566	0.632327314
ZBTB14	chr18	5295653	chr18_5295653_G_C	G	C	2	0	2	European	1	0
PIEZO2	chr18	10671612	rs546167077	A	G	2	1	1	European	1	0
PIEZO2	chr18	10671669	rs189453524	C	T	46	13	33	Latin American 1	0.565217391	0.633270321
PIEZO2	chr18	10671678	rs368809105	T	C	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10671778	rs1008206665	T	C	3	2	1	Latin American 1	1	0
PIEZO2	chr18	10672735	rs376761944	T	C	2	1	1	European	1	0
PIEZO2	chr18	10672745	rs772787185	C	T	5	2	3	Latin American 1	1	0

PIEZO2	chr18	10672768	rs367943583	G	A	4	2	2	European	0.75	0.375
PIEZO2	chr18	10672769	rs142364104	G	C	13	0	13	European	0.846153846	0.26035503
PIEZO2	chr18	10672782	rs1346102951	G	C	3	2	1	European	1	0
PIEZO2	chr18	10672834	chr18_10672834_T_A	T	A	2	1	1	European	0.5	0.5
PIEZO2	chr18	10675211	rs142103035	G	T	34	13	21	European	0.941176471	0.112456747
PIEZO2	chr18	10675222	rs150780541	C	G	2	0	2	AFR	0.5	0.5
PIEZO2	chr18	10675227	rs781648426	T	C	3	1	2	African American	0.333333333	0.666666667
PIEZO2	chr18	10675251	rs139155435	G	A	3	1	2	European	1	0
PIEZO2	chr18	10675274	rs752572148	A	G	2	0	2	Latin American 2	1	0
PIEZO2	chr18	10677760	rs1021952141	A	G	2	1	1	European	1	0
PIEZO2	chr18	10677765	rs147641839	T	C	9	4	5	European	0.888888889	0.197530864
PIEZO2	chr18	10677766	rs142229219	C	T	9	3	6	African American	0.777777778	0.345679012
PIEZO2	chr18	10677768	rs370712216	G	T	4	2	2	European	0.75	0.375
PIEZO2	chr18	10677796	rs771164848	T	C	3	0	3	South Asian	0.666666667	0.444444444
PIEZO2	chr18	10677841	rs540106670	T	C	4	0	4	South Asian	0.75	0.375
PIEZO2	chr18	10677859	rs147666072	C	T	91	37	54	European	0.78021978	0.366380872
PIEZO2	chr18	10680230	rs1265530787	A	G	2	0	2	European	1	0
PIEZO2	chr18	10680329	rs199956726	T	C	2	2	0	European	1	0
PIEZO2	chr18	10681677	rs749859138	G	A	2	2	0	European	1	0
PIEZO2	chr18	10681677	chr18_10681677_G_C	G	C	2	0	2	East Asian	1	0
PIEZO2	chr18	10681682	rs143299649	T	C	7	2	5	European	1	0
PIEZO2	chr18	10681697	chr18_10681697_G_C	G	C	2	1	1	Latin American 1	1	0
PIEZO2	chr18	10682232	chr18_10682232_T_A	T	A	2	0	2	East Asian	1	0
PIEZO2	chr18	10682276	rs1465863747	C	T	2	0	2	European	0.5	0.5
PIEZO2	chr18	10689669	rs757200280	G	A	5	2	3	Latin American 2	0.4	0.72
PIEZO2	chr18	10689693	rs1003370261	G	A	2	1	1	African American	0.5	0.5
PIEZO2	chr18	10689792	rs202161305	C	T	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10691247	rs756549202	C	T	3	0	3	European	0.666666667	0.444444444
PIEZO2	chr18	10691288	rs138499457	G	A	12	7	5	African American	0.75	0.402777778
PIEZO2	chr18	10691334	rs145948361	C	T	4	3	1	African American	1	0
PIEZO2	chr18	10696087	rs768629308	C	T	5	0	5	African American	0.8	0.32
PIEZO2	chr18	10696099	rs144506740	A	C	23	6	17	European	0.913043478	0.15879017
PIEZO2	chr18	10696117	rs371763741	T	A	2	2	0	African American	0.5	0.5
PIEZO2	chr18	10696227	chr18_10696227_A_C	A	C	58	10	48	European	0.568965517	0.57372176
PIEZO2	chr18	10696409	rs200500089	C	T	2	0	2	European	1	0
PIEZO2	chr18	10696468	rs145767108	G	C	3	1	2	Latin American 1	0.666666667	0.444444444
PIEZO2	chr18	10696472	rs551918181	C	T	4	1	3	African American	0.5	0.5
PIEZO2	chr18	10696517	rs771088826	T	G	3	2	1	European	1	0
PIEZO2	chr18	10696537	rs376551561	G	A	2	1	1	African American	1	0
PIEZO2	chr18	10697781	rs369467955	T	C	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10697782	rs751951617	G	T	9	2	7	Latin American 1	0.333333333	0.716049383
PIEZO2	chr18	10697792	rs746389777	C	G	2	0	2	South Asian	1	0
PIEZO2	chr18	10697857	chr18_10697857_T_C	T	C	2	1	1	European	1	0
PIEZO2	chr18	10698933	rs765002398	G	T	3	1	2	European	1	0
PIEZO2	chr18	10698936	rs1347271554	C	T	4	2	2	East Asian	1	0
PIEZO2	chr18	10698988	rs377378831	G	A	7	1	6	Latin American 2	0.714285714	0.408163265

PIEZO2	chr18	10698996	rs745694128	C	T	13	3	10	European	0.846153846	0.26035503
PIEZO2	chr18	10698997	rs541120113	G	A	12	3	9	European	0.75	0.416666667
PIEZO2	chr18	10698999	rs184525296	A	C	2	0	2	European	1	0
PIEZO2	chr18	10699023	rs1279764958	G	A	3	1	2	European	1	0
PIEZO2	chr18	10699048	rs777548466	C	T	4	1	3	Latin American 2	0.5	0.625
PIEZO2	chr18	10699065	rs998498205	T	C	3	1	2	African American	0.666666667	0.444444444
PIEZO2	chr18	10699075	rs750768276	C	T	10	4	6	East Asian	0.8	0.34
PIEZO2	chr18	10699089	rs79992793	C	G	557	172	385	East Asian	0.538599641	0.623396046
PIEZO2	chr18	10699099	rs754406783	C	T	4	0	4	South Asian	0.75	0.375
PIEZO2	chr18	10699113	rs543742006	T	C	3	1	2	African American	1	0
PIEZO2	chr18	10699144	rs200276831	C	G	64	22	42	European	0.765625	0.381835938
PIEZO2	chr18	10702030	rs575579489	T	G	3	0	3	European	1	0
PIEZO2	chr18	10702085	rs1223151744	G	T	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10704405	rs780925886	C	T	5	3	2	European	0.6	0.56
PIEZO2	chr18	10704425	rs1480686209	C	T	5	0	5	South Asian	0.8	0.32
PIEZO2	chr18	10704426	rs771545517	G	A	3	1	2	African American	0.666666667	0.444444444
PIEZO2	chr18	10704429	rs577065337	G	A	61	18	43	Latin American 1	0.68852459	0.473528621
PIEZO2	chr18	10704450	chr18_10704450_A_T	A	T	10	3	7	European	0.7	0.42
PIEZO2	chr18	10704551	rs753662767	C	T	16	5	11	East Asian	0.4375	0.609375
PIEZO2	chr18	10704555	rs1027090051	C	A	6	0	6	Latin American 2	0.666666667	0.444444444
PIEZO2	chr18	10704596	rs779854352	C	T	3	1	2	Latin American 2	0.666666667	0.444444444
PIEZO2	chr18	10704596	chr18_10704596_C_A	C	A	2	0	2	European	1	0
PIEZO2	chr18	10704609	rs552495360	C	T	4	2	2	European	0.75	0.375
PIEZO2	chr18	10704639	rs199842060	C	T	83	34	49	European	0.879518072	0.223254464
PIEZO2	chr18	10705360	rs1046341047	G	A	5	2	3	European	1	0
PIEZO2	chr18	10705368	rs762032787	A	T	5	1	4	European	1	0
PIEZO2	chr18	10705412	rs752628953	G	A	4	2	2	Latin American 1	0.75	0.375
PIEZO2	chr18	10705418	rs998757704	C	T	14	2	12	Latin American 2	0.642857143	0.5
PIEZO2	chr18	10705438	rs373973800	C	T	10	5	5	European	0.7	0.46
PIEZO2	chr18	10705439	rs569343097	G	A	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10705457	rs376897491	C	T	3	0	3	African American	0.666666667	0.444444444
PIEZO2	chr18	10705465	rs1260084326	G	A	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10705469	rs761975741	C	A	2	0	2	European	0.5	0.5
PIEZO2	chr18	10705483	rs371431846	T	C	23	7	16	European	0.782608696	0.355387524
PIEZO2	chr18	10705516	rs116667912	G	T	155	49	106	African American	0.625806452	0.538938606
PIEZO2	chr18	10705529	rs534950325	C	T	2	0	2	East Asian	1	0
PIEZO2	chr18	10705583	rs1384004544	C	T	5	5	0	East Asian	0.6	0.56
PIEZO2	chr18	10705619	rs763212098	C	T	12	3	9	European	1	0
PIEZO2	chr18	10705632	rs868681559	C	A	4	1	3	African American	1	0
PIEZO2	chr18	10705648	rs998116301	G	A	2	1	1	AFR	0.5	0.5
PIEZO2	chr18	10705651	rs143388122	G	A	2	1	1	East Asian	0.5	0.5
PIEZO2	chr18	10705660	rs780207139	G	GCCT	9	6	3	European	0.777777778	0.345679012
PIEZO2	chr18	10705662	rs1389848340	C	G	2	0	2	East Asian	1	0
PIEZO2	chr18	10705693	rs1440071419	ATGGTCTCAG	A	5	4	1	Latin American 1	0.6	0.48
PIEZO2	chr18	10705708	rs62622495	C	G	163	45	118	African American	0.533742331	0.613271105
PIEZO2	chr18	10705715	rs563775093	G	A	8	6	2	European	0.875	0.21875

PIEZO2	chr18	10708347	rs989254477	C	T	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10708348	chr18_10708348_G_A	G	A	2	0	2	European	1	0
PIEZO2	chr18	10714809	rs186065260	G	C	14	7	7	European	0.928571429	0.132653061
PIEZO2	chr18	10714831	rs753528530	C	T	6	1	5	Latin American 1	0.333333333	0.722222222
PIEZO2	chr18	10714914	rs778484639	C	T	5	3	2	European	0.8	0.32
PIEZO2	chr18	10715662	rs1003368666	T	A	4	2	2	European	1	0
PIEZO2	chr18	10715687	rs776659360	C	A	2	0	2	European	0.5	0.5
PIEZO2	chr18	10715706	rs776252501	C	A	4	0	4	Latin American 1	0.5	0.625
PIEZO2	chr18	10715753	rs1357127148	A	G	2	0	2	Latin American 1	0.5	0.5
PIEZO2	chr18	10715754	rs1230162848	C	T	4	1	3	European	0.5	0.5
PIEZO2	chr18	10715784	rs140862542	T	C	2	0	2	African American	1	0
PIEZO2	chr18	10715797	rs376703258	T	C	9	5	4	European	1	0
PIEZO2	chr18	10715811	rs760036064	T	C	3	0	3	European	1	0
PIEZO2	chr18	10718209	rs114649884	C	T	34	6	28	African American	0.441176471	0.685121107
PIEZO2	chr18	10718214	rs561912426	T	C	6	0	6	South Asian	1	0
PIEZO2	chr18	10718239	rs533157733	G	C	11	6	5	East Asian	1	0
PIEZO2	chr18	10718239	chr18_10718239_G_A	G	A	3	0	3	European	0.333333333	0.666666667
PIEZO2	chr18	10718243	chr18_10718243_T_G	T	G	8	3	5	European	0.625	0.5625
PIEZO2	chr18	10718248	rs544739855	A	G	6	0	6	Latin American 1	0.666666667	0.5
PIEZO2	chr18	10731409	rs369661357	T	C	104	30	74	African American	0.644230769	0.509985207
PIEZO2	chr18	10731424	rs1242907179	C	T	6	1	5	African American	0.5	0.611111111
PIEZO2	chr18	10731436	rs1243353768	C	T	2	0	2	European	0.5	0.5
PIEZO2	chr18	10731437	rs377309185	G	A	2	0	2	South Asian	1	0
PIEZO2	chr18	10731454	rs557512431	C	G	16	3	13	African American	0.625	0.5078125
PIEZO2	chr18	10731478	rs190938950	C	T	143	48	95	African American	0.573426573	0.60227884
PIEZO2	chr18	10735299	rs940024785	A	G	3	0	3	European	0.666666667	0.444444444
PIEZO2	chr18	10736620	rs374051556	C	T	12	8	4	Latin American 1	0.666666667	0.513888889
PIEZO2	chr18	10736664	rs762729542	C	G	8	1	7	European	1	0
PIEZO2	chr18	10736677	rs181523658	G	A	7	5	2	Latin American 1	0.571428571	0.571428571
PIEZO2	chr18	10736702	rs762144766	T	C	3	2	1	Latin American 2	1	0
PIEZO2	chr18	10741054	rs1333480840	C	T	4	0	4	African American	0.25	0.75
PIEZO2	chr18	10741082	rs766911756	C	T	2	1	1	European	0.5	0.5
PIEZO2	chr18	10741092	rs1272259692	G	T	3	0	3	European	0.666666667	0.444444444
PIEZO2	chr18	10742593	rs115526553	G	C	34	16	18	African American	0.529411765	0.600346021
PIEZO2	chr18	10742607	rs895352583	C	T	2	0	2	European	1	0
PIEZO2	chr18	10742608	rs773994726	G	A	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10744155	rs759076587	G	C	2	0	2	European	1	0
PIEZO2	chr18	10744173	chr18_10744173_C_G	C	G	2	1	1	African American	1	0
PIEZO2	chr18	10744181	rs879628108	A	G	3	0	3	European	0.666666667	0.444444444
PIEZO2	chr18	10744198	rs956535313	T	G	5	2	3	Latin American 1	0.8	0.32
PIEZO2	chr18	10744205	rs369615587	A	G	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10744206	rs373465659	T	C	6	2	4	European	0.833333333	0.277777778
PIEZO2	chr18	10748508	rs770850109	C	T	6	2	4	European	1	0
PIEZO2	chr18	10750105	rs749257673	T	C	28	7	21	European	0.75	0.390306122
PIEZO2	chr18	10750140	rs778876785	C	G	4	3	1	European	1	0
PIEZO2	chr18	10750151	rs1318919805	T	C	3	0	3	Latin American 2	1	0

PIEZO2	chr18	10750157	rs947854422	C	T	2	0	2	European	1	0
PIEZO2	chr18	10752689	rs534984825	C	T	5	4	1	European	1	0
PIEZO2	chr18	10752697	rs1356279084	C	T	2	0	2	European	0.5	0.5
PIEZO2	chr18	10752718	rs1053484878	T	C	9	2	7	Latin American 2	0.888888889	0.197530864
PIEZO2	chr18	10752850	rs754312134	A	G	7	2	5	Latin American 1	1	0
PIEZO2	chr18	10752852	chr18_10752852_G_C	G	C	2	0	2	South Asian	1	0
PIEZO2	chr18	10752862	rs9959296	G	A	642	187	455	African American	0.551401869	0.607069031
PIEZO2	chr18	10757985	rs371703803	C	G	31	12	19	European	0.935483871	0.122788762
PIEZO2	chr18	10758020	rs1179702583	T	C	5	0	5	Latin American 2	0.6	0.48
PIEZO2	chr18	10758044	rs878853021	T	C	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10758084	rs975131824	C	T	2	1	1	Latin American 1	0.5	0.5
PIEZO2	chr18	10758098	rs923388115	C	T	2	0	2	African American	1	0
PIEZO2	chr18	10758099	rs188320964	G	C	24	1	23	South Asian	0.916666667	0.15625
PIEZO2	chr18	10759485	rs139073574	C	T	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10759505	rs371101691	C	T	16	4	12	African American	0.375	0.75
PIEZO2	chr18	10759509	rs73946020	C	T	330	100	230	African American	0.439393939	0.667621671
PIEZO2	chr18	10759511	rs376185795	A	G	24	5	19	European	0.375	0.736111111
PIEZO2	chr18	10759542	rs1307968548	T	C	2	0	2	European	1	0
PIEZO2	chr18	10759731	rs775333233	A	G	2	0	2	European	0.5	0.5
PIEZO2	chr18	10759792	rs368619087	T	C	2	0	2	Latin American 2	1	0
PIEZO2	chr18	10759816	rs760341535	G	A	2	1	1	Latin American 1	0.5	0.5
PIEZO2	chr18	10759822	rs763627542	A	G	2	0	2	Latin American 1	1	0
PIEZO2	chr18	10759831	rs377638188	C	T	10	2	8	European	0.9	0.18
PIEZO2	chr18	10759843	rs375888693	A	T	4	3	1	European	1	0
PIEZO2	chr18	10759853	rs930564863	C	T	3	0	3	European	1	0
PIEZO2	chr18	10759854	rs575453211	A	G	2	0	2	African American	1	0
PIEZO2	chr18	10759860	rs747108006	T	C	2	0	2	Latin American 1	0.5	0.5
PIEZO2	chr18	10760943	rs1416413409	T	C	5	1	4	European	1	0
PIEZO2	chr18	10760982	rs918877202	G	A	3	1	2	European	1	0
PIEZO2	chr18	10761024	rs1249752278	C	T	3	2	1	European	0.666666667	0.444444444
PIEZO2	chr18	10761026	rs759920772	G	A	7	4	3	East Asian	0.714285714	0.448979592
PIEZO2	chr18	10761038	rs553574900	C	T	4	0	4	South Asian	0.75	0.375
PIEZO2	chr18	10761050	rs192225494	T	C	25	7	18	European	0.96	0.0768
PIEZO2	chr18	10761062	rs371576361	C	T	8	4	4	Latin American 1	0.375	0.65625
PIEZO2	chr18	10761069	rs956022243	T	C	6	5	1	African American	0.5	0.5
PIEZO2	chr18	10761071	rs375270254	G	A	2	0	2	European	1	0
PIEZO2	chr18	10762532	rs942385292	G	A	8	4	4	European	0.75	0.40625
PIEZO2	chr18	10762600	rs536129455	G	C	25	9	16	Latin American 1	1	0
PIEZO2	chr18	10762923	rs1218767117	A	G	2	0	2	European	1	0
PIEZO2	chr18	10762974	rs1186893765	A	G	5	1	4	Latin American 1	1	0
PIEZO2	chr18	10762987	rs776666346	C	T	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10763031	rs200121260	C	T	14	7	7	European	0.428571429	0.714285714
PIEZO2	chr18	10763032	rs542441369	G	A	8	2	6	European	0.625	0.46875
PIEZO2	chr18	10763034	rs1409494922	C	T	2	0	2	European	0.5	0.5
PIEZO2	chr18	10763044	rs1331740910	C	T	3	0	3	European	0.666666667	0.444444444
PIEZO2	chr18	10763049	rs150545165	G	A	2	1	1	East Asian	0.5	0.5

PIEZO2	chr18	10763067	chr18_10763067_G_T	G	T	4	1	3	Latin American 1	1	0
PIEZO2	chr18	10773418	rs765555471	T	A	2	1	1	European	0.5	0.5
PIEZO2	chr18	10773442	rs564867814	C	T	53	7	46	South Asian	0.471698113	0.661445354
PIEZO2	chr18	10773454	rs750411760	C	T	4	2	2	Latin American 2	0.75	0.375
PIEZO2	chr18	10773472	rs369232281	C	T	7	0	7	South Asian	0.714285714	0.408163265
PIEZO2	chr18	10773514	rs1034085783	A	T	4	1	3	Latin American 1	1	0
PIEZO2	chr18	10773517	chr18_10773517_C_A	C	A	2	0	2	Latin American 2	1	0
PIEZO2	chr18	10773582	chr18_10773582_A_C	A	C	4	0	4	African American	0.25	0.75
PIEZO2	chr18	10773586	rs1483520376	G	A	2	0	2	European	1	0
PIEZO2	chr18	10773588	rs772436073	A	G	5	0	5	Latin American 2	0.6	0.48
PIEZO2	chr18	10773594	rs1254568295	G	A	4	0	4	European	1	0
PIEZO2	chr18	10773603	rs529806981	G	A	6	4	2	African American	0.5	0.666666667
PIEZO2	chr18	10773618	rs750906972	G	A	3	2	1	European	0.666666667	0.444444444
PIEZO2	chr18	10780332	rs753278616	T	C	49	10	39	African American	0.591836735	0.581424406
PIEZO2	chr18	10780344	rs746058777	C	T	3	1	2	European	1	0
PIEZO2	chr18	10780346	rs778369027	C	T	5	0	5	European	0.6	0.56
PIEZO2	chr18	10780347	rs907548476	G	A	3	1	2	European	0.666666667	0.444444444
PIEZO2	chr18	10784827	rs375966918	C	G	2	0	2	Latin American 2	1	0
PIEZO2	chr18	10784864	rs368668265	G	C	12	3	9	African American	0.916666667	0.152777778
PIEZO2	chr18	10784908	rs1413072847	G	A	2	1	1	African American	0.5	0.5
PIEZO2	chr18	10787059	rs200626126	A	T	2	1	1	European	1	0
PIEZO2	chr18	10787096	chr18_10787096_G_C	G	C	8	4	4	Latin American 1	1	0
PIEZO2	chr18	10787115	chr18_10787115_C_T	C	T	2	0	2	European	1	0
PIEZO2	chr18	10787117	rs1180503825	A	G	4	1	3	European	1	0
PIEZO2	chr18	10789147	rs751229811	C	T	2	2	0	European	1	0
PIEZO2	chr18	10789156	chr18_10789156_C_A	C	A	6	4	2	European	1	0
PIEZO2	chr18	10789161	chr18_10789161_A_G	A	G	2	1	1	European	1	0
PIEZO2	chr18	10789182	chr18_10789182_T_C	T	C	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10789241	rs1469103674	C	A	2	1	1	European	0.5	0.5
PIEZO2	chr18	10789247	rs754994085	ATCT	A	3	1	2	Latin American 1	0.666666667	0.444444444
PIEZO2	chr18	10789275	rs756753673	A	C	7	0	7	European	1	0
PIEZO2	chr18	10789307	rs1021262669	T	G	2	1	1	European	1	0
PIEZO2	chr18	10789329	rs545457587	G	T	13	6	7	East Asian	1	0
PIEZO2	chr18	10789330	chr18_10789330_G_A	G	A	3	3	0	East Asian	1	0
PIEZO2	chr18	10789365	rs375721417	T	A	4	0	4	African American	0.5	0.625
PIEZO2	chr18	10791222	rs376057592	T	A	27	12	15	European	0.925925926	0.139917695
PIEZO2	chr18	10794956	rs779017622	A	G	2	2	0	European	1	0
PIEZO2	chr18	10797434	chr18_10797434_C_G	C	G	2	1	1	AFR	0.5	0.5
PIEZO2	chr18	10797453	rs534855857	C	T	5	1	4	African American	0.4	0.64
PIEZO2	chr18	10797468	rs181395487	C	T	2	1	1	Latin American 1	1	0
PIEZO2	chr18	10797468	chr18_10797468_C_G	C	G	2	1	1	MEN	0.5	0.5
PIEZO2	chr18	10797469	rs371517199	G	A	13	1	12	African American	0.461538462	0.568047337
PIEZO2	chr18	10797490	rs998208177	C	G	5	2	3	African American	1	0
PIEZO2	chr18	10797508	rs1383443423	C	T	3	2	1	East Asian	1	0
PIEZO2	chr18	10800363	rs747264342	C	T	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10800364	rs757512135	G	A	9	2	7	African American	0.444444444	0.691358025

PIEZO2	chr18	10800445	rs768638341	C	T	7	3	4	European	0.285714286	0.734693878
PIEZO2	chr18	10800450	rs145013609	T	A	80	38	42	East Asian	0.875	0.2240625
PIEZO2	chr18	10800454	rs202104395	C	G	63	19	44	European	0.904761905	0.176366843
PIEZO2	chr18	10800454	chr18_10800454_C_T	C	T	3	1	2	East Asian	1	0
PIEZO2	chr18	10800466	rs369473273	C	G	59	17	42	African American	0.559322034	0.555587475
PIEZO2	chr18	10801403	rs61978645	T	C	531	157	374	African American	0.561205273	0.579498583
PIEZO2	chr18	10803888	rs780240231	G	T	4	1	3	European	1	0
PIEZO2	chr18	10803918	rs962106943	C	T	8	3	5	European	0.875	0.21875
PIEZO2	chr18	10803919	rs536250412	G	A	25	0	25	South Asian	0.96	0.0768
PIEZO2	chr18	10803961	rs991673822	C	T	6	2	4	European	0.5	0.666666667
PIEZO2	chr18	10803963	rs1265711106	T	A	2	1	1	European	1	0
PIEZO2	chr18	10807135	rs746454490	G	A	2	2	0	European	1	0
PIEZO2	chr18	10807179	rs766490338	G	A	4	1	3	European	0.75	0.375
PIEZO2	chr18	10807186	rs368601054	C	T	24	2	22	South Asian	0.916666667	0.152777778
PIEZO2	chr18	10807200	rs942548867	G	A	8	0	8	Latin American 2	0.625	0.53125
PIEZO2	chr18	10807209	rs762063796	G	A	2	0	2	African American	0.5	0.5
PIEZO2	chr18	10807245	rs374993280	G	T	25	5	20	African American	0.44	0.6048
PIEZO2	chr18	10855360	rs751565062	A	G	6	0	6	African American	0.333333333	0.666666667
PIEZO2	chr18	10855368	rs932122119	T	C	3	0	3	African American	0.666666667	0.444444444
PIEZO2	chr18	10855419	rs1458802183	A	G	2	2	0	European	1	0
PIEZO2	chr18	10855478	rs749553994	G	T	2	0	2	South Asian	1	0
PIEZO2	chr18	10855479	rs367678053	T	C	8	1	7	European	0.375	0.71875
PIEZO2	chr18	10855488	rs762281198	C	T	4	2	2	European	0.75	0.375
PIEZO2	chr18	10855489	rs760632558	G	A	3	2	1	European	1	0
PIEZO2	chr18	10855502	rs1441714248	C	G	3	0	3	Latin American 2	1	0
PIEZO2	chr18	10857036	rs186999439	C	T	24	9	15	East Asian	0.958333333	0.079861111
PIEZO2	chr18	10857050	rs146745925	C	G	29	13	16	European	0.931034483	0.128418549
PIEZO2	chr18	10857084	rs527795460	A	G	24	6	18	Latin American 2	0.75	0.402777778
PIEZO2	chr18	10857099	rs760374118	C	A	19	8	11	European	0.842105263	0.27700831
PIEZO2	chr18	10857100	rs1298773035	G	A	2	0	2	Latin American 1	0.5	0.5
PIEZO2	chr18	10857106	rs765849127	T	C	3	0	3	Latin American 2	1	0
PIEZO2	chr18	10857117	rs772566169	G	A	2	2	0	European	1	0
PIEZO2	chr18	10857133	rs1217758784	C	T	2	0	2	Latin American 1	0.5	0.5
PIEZO2	chr18	10871275	rs1025310776	G	A	4	0	4	African American	0.25	0.75
PIEZO2	chr18	10871279	rs765877353	T	G	2	0	2	South Asian	1	0
PIEZO2	chr18	10871282	rs1001558334	T	A	4	2	2	European	1	0
PIEZO2	chr18	10871300	rs560268532	T	C	9	3	6	European	1	0
PIEZO2	chr18	10871306	rs1285330647	G	T	2	1	1	European	1	0
PIEZO2	chr18	10871360	rs1440517233	T	A	3	1	2	Latin American 2	0.666666667	0.444444444
PIEZO2	chr18	10911204	rs1004525435	C	T	4	0	4	AFR	0.75	0.375
PIEZO2	chr18	10979549	rs374753475	G	A	6	1	5	African American	0.666666667	0.5
PIEZO2	chr18	10979555	rs368872771	C	T	8	2	6	Latin American 1	0.375	0.71875
PIEZO2	chr18	10979556	rs557549695	G	A	6	2	4	African American	0.5	0.5
PIEZO2	chr18	10979631	rs574038773	A	T	2	0	2	European	1	0
PIEZO2	chr18	10979648	rs879674484	C	T	4	3	1	European	1	0
PIEZO2	chr18	10979649	rs142351929	G	A	6	0	6	European	0.5	0.611111111

PIEZO2	chr18	11066129	rs1316183316	T	G	6	1	5	East Asian	0.833333333	0.277777778
PIEZO2	chr18	11066135	rs371432372	G	A	28	10	18	European	0.892857143	0.196428571
PIEZO2	chr18	11066136	rs778506919	T	A	2	0	2	European	1	0
PIEZO2	chr18	11066140	chr18_11066140_T_G	T	G	592	76	516	European	0.614864865	0.583786066
PIEZO2	chr18	11066147	rs1190752171	G	T	77	11	66	European	0.688311688	0.496205094
PIEZO2	chr18	11066151	chr18_11066151_C_G	C	G	40	5	35	European	0.8	0.34875
PIEZO2	chr18	11066153	rs932596927	G	A	2	2	0	European	1	0
PIEZO2	chr18	11066201	rs772178114	C	A	8	1	7	European	0.875	0.21875
CABLES1	chr18	23135764	rs1484841744	T	TGGC	61	22	39	Latin American 1	0.426229508	0.657887665
CABLES1	chr18	23135764	chr18_23135764_T_TGGCGC	T	TGGCGGC	46	12	34	European	0.52173913	0.640831758
CABLES1	chr18	23135764	chr18_23135764_T_TGGCGC	T	TGGCGGCGC	5	0	5	Native American	0.6	0.56
CABLES1	chr18	23135778	chr18_23135778_G_A	G	A	6	3	3	East Asian	1	0
CABLES1	chr18	23135779	chr18_23135779_C_G	C	G	96	9	87	European	0.625	0.564453125
CABLES1	chr18	23135782	chr18_23135782_C_G	C	G	55	8	47	European	0.6	0.575206612
CABLES1	chr18	23135784	chr18_23135784_G_C	G	C	87	19	68	European	0.655172414	0.530321046
CABLES1	chr18	23135787	chr18_23135787_A_C	A	C	364	83	281	European	0.535714286	0.664035141
CABLES1	chr18	23135790	chr18_23135790_A_C	A	C	398	64	334	European	0.522613065	0.660627257
CABLES1	chr18	23135796	rs1408623723	G	C	4	3	1	European	0.75	0.375
CABLES1	chr18	23135805	rs951283598	A	G	3	1	2	African American	1	0
CABLES1	chr18	23135813	rs982750117	C	G	350	71	279	Latin American 2	0.517142857	0.629583673
CABLES1	chr18	23135823	chr18_23135823_G_A	G	A	2	1	1	European	1	0
CABLES1	chr18	23135845	rs921023034	T	TGCA	4	0	4	Latin American 2	1	0
CABLES1	chr18	23135851	rs936383395	A	AGCC	2	2	0	African American	0.5	0.5
CABLES1	chr18	23135853	rs914104400	C	A	2	0	2	European	1	0
CABLES1	chr18	23135854	rs945522491	C	T	16	5	11	African American	0.375	0.6953125
CABLES1	chr18	23135862	chr18_23135862_C_A	C	A	2	0	2	Latin American 2	1	0
CABLES1	chr18	23135878	rs1046665983	C	G	21	3	18	AFR	0.476190476	0.607709751
CABLES1	chr18	23135878	chr18_23135878_C_T	C	T	8	3	5	African American	0.625	0.46875
CABLES1	chr18	23135926	chr18_23135926_C_G	C	G	3	2	1	East Asian	1	0
CABLES1	chr18	23135926	chr18_23135926_C_T	C	T	2	1	1	European	0.5	0.5
CABLES1	chr18	23135928	rs751362226	C	T	15	6	9	European	0.533333333	0.604444444
CABLES1	chr18	23135929	rs868512083	G	T	4	1	3	AFR	0.75	0.375
CABLES1	chr18	23135974	chr18_23135974_A_C	A	C	2	0	2	European	1	0
CABLES1	chr18	23136073	rs920622592	C	T	2	0	2	African American	1	0
CABLES1	chr18	23136078	chr18_23136078_A_C	A	C	2	1	1	European	0.5	0.5
CABLES1	chr18	23136102	rs28579197	G	A	275	82	193	African American	0.483636364	0.612892562
CABLES1	chr18	23136103	rs28477404	C	A	275	82	193	African American	0.483636364	0.612892562
CABLES1	chr18	23136145	rs1460719555	C	A	2	1	1	European	0.5	0.5
CABLES1	chr18	23136153	chr18_23136153_G_A	G	A	2	0	2	Latin American 2	1	0
CABLES1	chr18	23136187	rs957725447	A	G	4	1	3	European	1	0
CABLES1	chr18	23136187	chr18_23136187_A_T	A	T	2	0	2	European	1	0
CABLES1	chr18	23136201	rs1010505803	C	T	5	1	4	African American	0.8	0.32
CABLES1	chr18	23136202	rs753384032	C	T	14	6	8	European	0.642857143	0.520408163
CABLES1	chr18	23136225	rs981882166	G	T	33	14	19	Latin American 1	0.878787879	0.213039486
CABLES1	chr18	23136274	rs1371263506	G	A	5	1	4	Latin American 2	0.6	0.48
CABLES1	chr18	23136276	rs907952775	G	A	34	10	24	European	0.794117647	0.344290657

CABLES1	chr18	23136289	chr18_23136289_C_T	C	T	2	0	2	Latin American 1	0.5	0.5
CABLES1	chr18	23136294	rs200098768	G	A	389	130	259	European	0.771208226	0.390970189
CABLES1	chr18	23136369	rs749555191	G	T	6	1	5	European	1	0
CABLES1	chr18	23136372	rs768710802	G	A	4	3	1	Latin American 1	0.5	0.5
CABLES1	chr18	23136399	rs766367851	G	T	3	1	2	European	1	0
CABLES1	chr18	23136411	rs759407060	G	A	3	1	2	Latin American 2	1	0
CABLES1	chr18	23136421	rs752113235	C	T	3	0	3	European	0.666666667	0.444444444
CABLES1	chr18	23136426	rs375982901	G	C	3	2	1	African American	0.666666667	0.444444444
CABLES1	chr18	23136450	rs201214897	C	T	36	13	23	African American	0.555555556	0.589506173
CABLES1	chr18	23136465	rs746862164	G	A	2	1	1	Latin American 2	1	0
CABLES1	chr18	23136480	rs79793507	C	T	125	38	87	Latin American 1	0.504	0.603264
CABLES1	chr18	23136537	rs780136681	AACT	A	7	2	5	European	0.428571429	0.653061224
CABLES1	chr18	23136549	rs769812959	C	G	2	2	0	European	1	0
CABLES1	chr18	23188839	rs529420681	C	T	5	2	3	East Asian	0.6	0.56
CABLES1	chr18	23188858	rs151062978	G	A	154	52	102	African American	0.668831169	0.502867263
CABLES1	chr18	23188905	rs767746873	C	T	3	1	2	European	0.666666667	0.444444444
CABLES1	chr18	23188906	rs116944617	G	A	165	41	124	European	0.503030303	0.664756657
CABLES1	chr18	23194453	rs1230797331	G	A	3	0	3	European	1	0
CABLES1	chr18	23194515	rs746579340	C	T	7	2	5	European	0.857142857	0.244897959
CABLES1	chr18	23194525	rs758312922	A	G	2	0	2	South Asian	1	0
CABLES1	chr18	23214035	rs772653223	C	T	2	0	2	European	0.5	0.5
CABLES1	chr18	23214050	rs183575205	G	A	8	1	7	European	0.75	0.375
CABLES1	chr18	23234621	rs760627292	G	A	2	0	2	AFR	1	0
CABLES1	chr18	23234624	rs776240908	G	A	4	0	4	South Asian	0.75	0.375
CABLES1	chr18	23234656	rs762631339	G	C	2	0	2	South Asian	1	0
CABLES1	chr18	23235943	rs370732463	C	T	2	1	1	East Asian	0.5	0.5
CABLES1	chr18	23235944	rs373572190	G	A	10	3	7	Latin American 1	0.7	0.42
CABLES1	chr18	23235985	rs377655942	C	T	4	0	4	European	0.5	0.625
CABLES1	chr18	23236001	rs768273037	G	A	3	1	2	East Asian	0.666666667	0.444444444
CABLES1	chr18	23236019	rs567251478	G	A	8	0	8	South Asian	0.75	0.40625
CABLES1	chr18	23237222	rs763088478	G	A	2	2	0	East Asian	0.5	0.5
CABLES1	chr18	23252988	rs756944411	C	T	2	0	2	European	1	0
CABLES1	chr18	23253011	rs370752492	G	A	2	1	1	European	1	0
CABLES1	chr18	23253730	rs200230358	C	G	25	6	19	European	0.96	0.0768
CABLES1	chr18	23253742	rs754727784	A	T	2	0	2	European	1	0
CABLES1	chr18	23253745	rs573079087	C	T	2	2	0	European	0.5	0.5
CABLES1	chr18	23253746	rs201279640	G	A	5	3	2	European	0.8	0.32
CABLES1	chr18	23253781	chr18_23253781_C_T	C	T	2	0	2	European	1	0
CABLES1	chr18	23253782	chr18_23253782_C_G	C	G	2	0	2	South Asian	1	0
CABLES1	chr18	23253802	rs200360924	G	A	5	1	4	European	0.6	0.48
CABLES1	chr18	23253820	rs758005604	G	A	5	1	4	European	0.8	0.32
CABLES1	chr18	23253916	rs768447551	G	A	2	1	1	European	1	0
CABLES1	chr18	23253918	chr18_23253918_A_C	A	C	2	0	2	African American	1	0
CABLES1	chr18	23257320	rs371602566	G	A	2	0	2	African American	0.5	0.5
CABLES1	chr18	23257326	rs746942462	G	A	3	1	2	East Asian	1	0
CABLES1	chr18	23257340	rs562569128	C	A	3	0	3	South Asian	1	0

CABLES1	chr18	23257348	rs762629061	G	A	3	2	1	European	1	0
MFSD12	chr19	3544728	rs1400519167	GT	G	2	1	1	European	0.5	0.5
MFSD12	chr19	3544815	rs770546269	G	A	2	0	2	Latin American 1	0.5	0.5
MFSD12	chr19	3546315	rs757747148	GCCAGCAC	G	4	2	2	European	0.75	0.375
MFSD12	chr19	3547917	rs1491401221	CAG	C	40	15	25	European	0.825	0.31
MFSD12	chr19	3551122	rs756636704	TC	T	2	2	0	European	0.5	0.5
MFSD12	chr19	3551141	rs780733101	AG	A	3	0	3	European	1	0
MFSD12	chr19	3557402	chr19_3557402_A_C	A	C	447	55	392	European	0.608501119	0.568302729
MFSD12	chr19	3557403	rs1477524629	T	C	4	2	2	European	1	0
MFSD12	chr19	3557403	chr19_3557403_T_A	T	A	52	4	48	European	0.711538462	0.468195266
MFSD12	chr19	3557403	chr19_3557403_T_G	T	G	49	6	43	European	0.591836735	0.586422324
CBLC	chr19	44780891	rs1441956114	G	A	2	0	2	Latin American 2	1	0
CBLC	chr19	44781200	rs202052679	C	T	25	13	12	East Asian	1	0
CBLC	chr19	44781370	rs80168591	G	A	735	354	381	European	0.859863946	0.254068212
CBLC	chr19	44782359	rs1422755026	C	T	2	1	1	European	1	0
CBLC	chr19	44784252	rs770497669	C	G	3	0	3	South Asian	1	0
CBLC	chr19	44784256	rs142402664	C	T	62	24	38	African American	0.548387097	0.588969823
CBLC	chr19	44789991	rs761515082	T	C	2	0	2	Latin American 2	0.5	0.5
CBLC	chr19	44789999	rs202100625	C	G	52	16	36	European	0.442307692	0.647189349
CBLC	chr19	44792381	rs376434724	A	G	2	1	1	African American	1	0
CBLC	chr19	44793459	rs374104325	C	G	3	1	2	European	1	0
CBLC	chr19	44793459	chr19_44793459_C_A	C	A	3	1	2	Native American	0.666666667	0.444444444
CBLC	chr19	44793461	rs200336706	C	G	104	31	73	European	0.836538462	0.288091716
CBLC	chr19	44793461	chr19_44793461_C_T	C	T	5	3	2	South Asian	0.4	0.72
CBLC	chr19	44793462	rs370828809	G	A	8	3	5	European	0.75	0.40625
CBLC	chr19	44793467	rs543773390	C	T	2	1	1	Latin American 2	0.5	0.5
CBLC	chr19	44794192	rs1041110421	G	A	2	1	1	Latin American 1	1	0
CBLC	chr19	44794193	chr19_44794193_T_TG	T	TG	711	258	453	East Asian	0.428973277	0.731217892
CBLC	chr19	44794193	chr19_44794193_T_TCC	T	TCC	3	2	1	African American	1	0
CBLC	chr19	44794201	rs537580232	C	T	13	1	12	South Asian	0.923076923	0.142011834
CBLC	chr19	44800371	rs755514112	TC	T	2	1	1	African American	1	0
CBLC	chr19	44800455	rs773153802	G	A	2	1	1	European	1	0
CBLC	chr19	44800543	rs193110123	G	A	20	2	18	African American	0.55	0.595
CBLC	chr19	44800547	rs952247176	A	G	2	1	1	African American	0.5	0.5
KCNC3	chr19	50320269	rs962219846	C	T	4	0	4	South Asian	0.75	0.375
KCNC3	chr19	50320275	rs1365532889	C	T	4	0	4	European	1	0
KCNC3	chr19	50320277	chr19_50320277_T_A	T	A	2	2	0	Latin American 1	1	0
KCNC3	chr19	50320277	chr19_50320277_T_G	T	G	30	4	26	European	0.433333333	0.724444444
KCNC3	chr19	50320284	rs958323371	C	T	2	1	1	European	1	0
KCNC3	chr19	50320296	rs781742486	T	A	2	0	2	South Asian	1	0
KCNC3	chr19	50320320	rs865957487	C	T	15	5	10	African American	0.733333333	0.435555556
KCNC3	chr19	50320323	rs756181510	G	T	10	4	6	African American	0.3	0.74
KCNC3	chr19	50320328	rs745593502	G	A	3	0	3	Latin American 2	0.666666667	0.444444444
KCNC3	chr19	50320338	rs1427121470	G	A	2	0	2	European	1	0
KCNC3	chr19	50320598	rs1256051209	C	T	3	2	1	European	0.666666667	0.444444444
KCNC3	chr19	50320656	rs141194974	G	A	13	6	7	Latin American 1	0.846153846	0.272189349

KCNC3	chr19	50320658	rs750611092	C	A	5	2	3	East Asian	1	0
KCNC3	chr19	50320664	rs758667095	C	T	2	1	1	Latin American 1	0.5	0.5
KCNC3	chr19	50320665	rs779810264	G	A	3	0	3	African American	0.333333333	0.666666667
KCNC3	chr19	50320670	rs144957827	C	T	129	37	92	African American	0.612403101	0.573523226
KCNC3	chr19	50320670	chr19_50320670_C_A	C	A	2	0	2	European	0.5	0.5
KCNC3	chr19	50320731	rs1288206302	G	C	2	0	2	European	1	0
KCNC3	chr19	50320751	rs151154830	G	A	2	1	1	European	0.5	0.5
KCNC3	chr19	50320763	rs748015812	G	A	2	0	2	European	0.5	0.5
KCNC3	chr19	50320772	rs199833067	T	C	5	1	4	European	0.4	0.72
KCNC3	chr19	50322981	rs755973472	G	A	2	0	2	South Asian	1	0
KCNC3	chr19	50323013	rs375737637	G	A	2	0	2	African American	0.5	0.5
KCNC3	chr19	50323026	rs778523009	C	T	9	2	7	Latin American 1	0.888888889	0.197530864
KCNC3	chr19	50323029	rs969082050	G	C	2	1	1	African American	1	0
KCNC3	chr19	50323070	rs927538730	G	A	16	4	12	Latin American 1	0.625	0.5625
KCNC3	chr19	50323073	rs962552787	C	A	4	1	3	African American	0.5	0.625
KCNC3	chr19	50323076	rs953932117	C	A	3	1	2	European	1	0
KCNC3	chr19	50323076	chr19_50323076_C_G	C	G	3	0	3	Latin American 1	0.666666667	0.444444444
KCNC3	chr19	50323077	rs368232448	C	G	4	1	3	South Asian	0.5	0.625
KCNC3	chr19	50323078	rs537912602	C	G	5	1	4	East Asian	0.4	0.72
KCNC3	chr19	50323078	chr19_50323078_C_A	C	A	5	4	1	European	1	0
KCNC3	chr19	50323140	chr19_50323140_T_G	T	G	55	9	46	African American	0.327272727	0.739173554
KCNC3	chr19	50323155	chr19_50323155_T_G	T	G	13	2	11	European	0.384615385	0.733727811
KCNC3	chr19	50323158	rs1047320973	G	C	2	1	1	European	0.5	0.5
KCNC3	chr19	50323166	rs948853005	G	A	2	1	1	Latin American 2	0.5	0.5
KCNC3	chr19	50323179	rs568711737	C	T	14	4	10	European	0.642857143	0.520408163
KCNC3	chr19	50323182	rs549394447	T	C	253	79	174	European	0.849802372	0.268930932
KCNC3	chr19	50323193	rs554197864	G	A	20	5	15	European	0.75	0.395
KCNC3	chr19	50323198	rs772002798	GGGCGGGGGT	G	6	3	3	European	0.833333333	0.277777778
KCNC3	chr19	50323202	rs1034583217	G	A	3	1	2	European	1	0
KCNC3	chr19	50323206	rs779708839	G	A	2	2	0	European	1	0
KCNC3	chr19	50323234	rs572684513	G	C	13	0	13	South Asian	1	0
KCNC3	chr19	50323247	rs558106649	G	A	11	4	7	European	0.636363636	0.52892562
KCNC3	chr19	50323253	rs763961794	G	A	4	0	4	African American	0.75	0.375
KCNC3	chr19	50323257	rs761652328	G	A	2	0	2	European	1	0
KCNC3	chr19	50323259	rs765155263	C	T	2	0	2	East Asian	0.5	0.5
KCNC3	chr19	50323268	rs778103042	T	C	2	1	1	European	1	0
KCNC3	chr19	50323500	chr19_50323500_T_A	T	A	2	1	1	Latin American 1	1	0
KCNC3	chr19	50323524	rs148033381	C	T	16	4	12	European	0.6875	0.4921875
KCNC3	chr19	50323530	rs201391312	C	T	3	0	3	European	0.666666667	0.444444444
KCNC3	chr19	50323659	rs766890044	C	T	3	1	2	African American	0.333333333	0.666666667
KCNC3	chr19	50323806	rs771916263	T	C	4	3	1	Latin American 1	0.75	0.375
KCNC3	chr19	50323887	rs199908446	C	T	2	0	2	European	1	0
KCNC3	chr19	50323902	rs146613004	C	T	3	0	3	South Asian	0.666666667	0.444444444
KCNC3	chr19	50323935	rs115351343	C	T	10	3	7	East Asian	0.8	0.34
KCNC3	chr19	50323970	rs200905864	G	A	4	1	3	Latin American 1	0.75	0.375
KCNC3	chr19	50328279	rs1015358035	C	A	11	4	7	European	1	0

KCNC3	chr19	50328284	rs1168160936	T	TGCCGCCCG	62	23	39	European	0.516129032	0.611862643
KCNC3	chr19	50328284	rs764571894	T	TGCCGCCCG	57	14	43	East Asian	0.578947368	0.619883041
KCNC3	chr19	50328314	rs1232558368	G	T	3	0	3	European	1	0
KCNC3	chr19	50328358	rs986287142	A	T	8	1	7	Latin American 2	0.625	0.53125
KCNC3	chr19	50328383	rs912072477	C	A	4	1	3	African American	0.5	0.5
KCNC3	chr19	50328403	rs1440589914	T	A	2	1	1	European	1	0
KCNC3	chr19	50328432	rs767902914	T	TGCGGCGTTG	12	7	5	Latin American 1	0.583333333	0.611111111
KCNC3	chr19	50328432	rs757605455	T	TGCGGCGTT	4	1	3	European	0.5	0.625
KCNC3	chr19	50328434	rs373416318	C	T	122	44	78	Latin American 1	0.459016393	0.580354743
KCNC3	chr19	50328477	rs375782591	G	C	8	2	6	European	0.75	0.40625
KCNC3	chr19	50328818	rs1238610331	T	TGCCGCTGT	3	0	3	AFR	0.666666667	0.444444444
KCNC3	chr19	50328854	chr19_50328854_T_G	T	G	121	23	98	European	0.314049587	0.771531999
KCNC3	chr19	50328878	chr19_50328878_A_C	A	C	120	20	100	European	0.541666667	0.621388889
KCNC3	chr19	50328905	chr19_50328905_C_A	C	A	2	2	0	African American	0.5	0.5
KCNC3	chr19	50328907	rs1425722679	C	T	3	2	1	East Asian	1	0
KCNC3	chr19	50328928	rs990091211	G	A	2	0	2	European	1	0
KCNC3	chr19	50328932	chr19_50328932_A_C	A	C	308	52	256	European	0.477272727	0.689913982
KCNC3	chr19	50328955	rs1046026073	G	GGCTGCT	4	0	4	African American	1	0
KCNC3	chr19	50328956	rs928573902	G	A	52	12	40	African American	0.615384615	0.535502959
KCNC3	chr19	50328961	rs1036902669	T	A	3	1	2	African American	1	0
KCNC3	chr19	50328967	rs991851074	T	TGCGGCGGCA	12	3	9	African American	0.583333333	0.486111111
KCNC3	chr19	50328967	rs1403069648	T	G	5	1	4	Latin American 1	0.4	0.64
KCNC3	chr19	50329009	rs1455735125	G	A	2	1	1	European	1	0
KCNC3	chr19	50329012	rs775818633	G	A	21	6	15	East Asian	0.523809524	0.498866213
KCNC3	chr19	50329040	chr19_50329040_C_T	C	T	2	0	2	European	0.5	0.5
KCNC3	chr19	50329049	rs1326942763	C	A	3	0	3	Latin American 2	0.666666667	0.444444444
KCNC3	chr19	50329060	rs761806977	G	C	10	5	5	East Asian	0.8	0.32
KCNC3	chr19	50329060	chr19_50329060_G_A	G	A	4	1	3	European	0.5	0.5
KCNC3	chr19	50329067	rs969993818	A	T	4	2	2	African American	0.75	0.375
KIF16B	chr20	16273260	chr20_16273260_G_A	G	A	2	1	1	East Asian	0.5	0.5
KIF16B	chr20	16273264	rs192942360	C	T	18	6	12	European	0.888888889	0.203703704
KIF16B	chr20	16273308	chr20_16273308_A_G	A	G	2	0	2	Latin American 1	1	0
KIF16B	chr20	16273345	rs759560151	C	G	3	0	3	Latin American 2	0.666666667	0.444444444
KIF16B	chr20	16273347	rs377023426	T	C	4	1	3	African American	1	0
KIF16B	chr20	16273365	chr20_16273365_G_A	G	A	2	0	2	European	1	0
KIF16B	chr20	16273372	rs369549554	C	T	8	4	4	European	0.875	0.21875
KIF16B	chr20	16312366	rs201416098	C	T	25	7	18	Latin American 2	0.6	0.5472
KIF16B	chr20	16312367	rs180803641	G	A	2	1	1	European	1	0
KIF16B	chr20	16335931	chr20_16335931_C_A	C	A	134	24	110	European	0.589552239	0.601358877
KIF16B	chr20	16335935	chr20_16335935_C_A	C	A	28	4	24	European	0.464285714	0.655612245
KIF16B	chr20	16335944	chr20_16335944_C_A	C	A	172	24	148	European	0.569767442	0.59917523
KIF16B	chr20	16335946	chr20_16335946_A_T	A	T	291	39	252	European	0.639175258	0.54460859
KIF16B	chr20	16335948	chr20_16335948_G_T	G	T	461	57	404	European	0.546637744	0.596552811
KIF16B	chr20	16335951	rs201535067	T	C	12	1	11	European	0.75	0.402777778
KIF16B	chr20	16335956	chr20_16335956_C_A	C	A	542	103	439	European	0.54797048	0.629975082
KIF16B	chr20	16335963	rs151020283	C	T	2	2	0	East Asian	0.5	0.5

KIF16B	chr20	16335978	rs368296500	C	T	2	0	2	South Asian	1	0
KIF16B	chr20	16335979	rs757038722	G	A	3	1	2	European	0.666666667	0.444444444
KIF16B	chr20	16356344	rs151286081	C	T	2	0	2	European	1	0
KIF16B	chr20	16356353	rs200695292	C	A	14	6	8	European	0.785714286	0.357142857
KIF16B	chr20	16356377	rs746166094	C	T	3	1	2	European	0.666666667	0.444444444
KIF16B	chr20	16356401	rs140491944	T	C	8	2	6	Latin American 1	0.5	0.59375
KIF16B	chr20	16356416	rs760344759	C	T	2	0	2	European	1	0
KIF16B	chr20	16356451	rs146992148	C	T	5	0	5	European	0.6	0.56
KIF16B	chr20	16370602	rs199899627	C	T	2	0	2	European	0.5	0.5
KIF16B	chr20	16371672	rs749011870	G	A	3	1	2	African American	0.666666667	0.444444444
KIF16B	chr20	16371693	rs547335822	C	G	8	0	8	South Asian	1	0
KIF16B	chr20	16371699	rs75989969	C	T	538	152	386	African American	0.526022305	0.61992648
KIF16B	chr20	16371708	rs766313563	C	T	10	5	5	Latin American 1	0.4	0.7
KIF16B	chr20	16371718	rs375035068	C	T	3	1	2	Latin American 2	1	0
KIF16B	chr20	16371726	rs538666717	C	T	5	0	5	South Asian	0.8	0.32
KIF16B	chr20	16371735	rs752147583	ACTT	A	4	1	3	European	0.5	0.625
KIF16B	chr20	16374284	rs574827319	G	A	2	0	2	Latin American 1	0.5	0.5
KIF16B	chr20	16374321	rs766857702	C	T	2	0	2	East Asian	1	0
KIF16B	chr20	16374341	rs1374373925	T	C	4	1	3	Latin American 1	0.75	0.375
KIF16B	chr20	16374363	rs199625497	C	T	7	2	5	Latin American 1	0.857142857	0.244897959
KIF16B	chr20	16378827	rs117138500	C	T	149	46	103	European	0.590604027	0.53195802
KIF16B	chr20	16378839	rs763578972	C	A	3	2	1	European	0.333333333	0.666666667
KIF16B	chr20	16378904	rs139711574	C	G	19	5	14	European	0.631578947	0.520775623
KIF16B	chr20	16378913	rs769134052	T	C	4	0	4	African American	0.5	0.625
KIF16B	chr20	16378916	rs144357521	A	G	3	0	3	Latin American 1	0.666666667	0.444444444
KIF16B	chr20	16378923	rs200924465	T	G	4	2	2	European	0.75	0.375
KIF16B	chr20	16378931	rs139982271	G	A	11	1	10	Latin American 2	0.545454545	0.495867769
KIF16B	chr20	16378937	rs34336583	T	C	187	56	131	African American	0.470588235	0.630100947
KIF16B	chr20	16378940	rs145699653	C	T	2	1	1	African American	1	0
KIF16B	chr20	16378949	rs148922354	G	A	3	2	1	European	0.666666667	0.444444444
KIF16B	chr20	16378957	rs755997794	TCTC	T	9	2	7	African American	0.777777778	0.345679012
KIF16B	chr20	16378982	rs61754557	C	T	15	6	9	European	0.8	0.337777778
KIF16B	chr20	16379056	rs147568857	C	G	4	3	1	East Asian	1	0
KIF16B	chr20	16379060	rs371455061	C	T	2	0	2	African American	0.5	0.5
KIF16B	chr20	16379075	rs189051335	G	A	5	2	3	East Asian	1	0
KIF16B	chr20	16379088	rs758672557	T	C	2	0	2	AFR	0.5	0.5
KIF16B	chr20	16379217	chr20_16379217_C_G	C	G	2	2	0	African American	1	0
KIF16B	chr20	16379282	rs761663147	C	A	2	1	1	European	0.5	0.5
KIF16B	chr20	16379325	rs550614292	C	T	12	1	11	South Asian	0.666666667	0.486111111
KIF16B	chr20	16379362	rs749242997	CTCA	C	3	1	2	East Asian	1	0
KIF16B	chr20	16379390	rs137926910	T	A	11	3	8	European	0.727272727	0.429752066
KIF16B	chr20	16379405	rs376214761	C	A	2	0	2	European	1	0
KIF16B	chr20	16379416	rs760399657	C	A	5	3	2	Latin American 2	0.6	0.48
KIF16B	chr20	16379424	rs200360811	T	C	37	16	21	European	0.513513514	0.600438276
KIF16B	chr20	16379438	rs201539410	T	C	6	2	4	European	0.333333333	0.722222222
KIF16B	chr20	16379472	rs142315776	C	T	21	5	16	African American	0.476190476	0.634920635

KIF16B	chr20	16379523	rs756461908	C	T	2	1	1	East Asian	1	0
KIF16B	chr20	16379556	rs139840756	C	T	6	3	3	European	1	0
KIF16B	chr20	16379580	rs148805920	G	T	8	3	5	Latin American 1	0.5	0.59375
KIF16B	chr20	16379594	rs753520192	C	T	2	1	1	African American	0.5	0.5
KIF16B	chr20	16379595	rs117959133	G	A	134	41	93	European	0.835820896	0.291713076
KIF16B	chr20	16379609	rs764992161	C	T	4	2	2	Native American	0.5	0.625
KIF16B	chr20	16379625	rs147706374	C	G	7	1	6	European	0.857142857	0.244897959
KIF16B	chr20	16379652	rs774581914	C	A	9	4	5	Latin American 1	0.888888889	0.197530864
KIF16B	chr20	16379660	rs371878938	C	T	7	1	6	South Asian	0.571428571	0.612244898
KIF16B	chr20	16379661	rs142424331	G	A	2	0	2	Latin American 2	0.5	0.5
KIF16B	chr20	16379664	rs147795685	G	A	20	6	14	Latin American 1	0.55	0.63
KIF16B	chr20	16379751	rs573401957	G	T	12	0	12	South Asian	1	0
KIF16B	chr20	16379765	rs145554547	A	T	15	7	8	European	0.933333333	0.124444444
KIF16B	chr20	16379790	rs143610596	C	A	22	13	9	African American	0.545454545	0.533057851
KIF16B	chr20	16379792	rs1450160704	T	C	2	1	1	European	1	0
KIF16B	chr20	16379847	rs1204335557	CGTT	C	2	2	0	European	1	0
KIF16B	chr20	16379870	rs149204565	C	T	29	7	22	East Asian	0.793103448	0.340071344
KIF16B	chr20	16379889	rs368648376	C	T	10	1	9	African American	0.5	0.64
KIF16B	chr20	16379891	rs758487171	C	T	3	1	2	South Asian	0.666666667	0.444444444
KIF16B	chr20	16379941	rs528292073	C	A	11	1	10	South Asian	0.727272727	0.429752066
KIF16B	chr20	16379981	rs543632299	G	A	4	2	2	European	0.75	0.375
KIF16B	chr20	16380006	rs905334142	C	T	2	0	2	AFR	0.5	0.5
KIF16B	chr20	16380009	rs112875458	T	C	310	92	218	European	0.777419355	0.377565036
KIF16B	chr20	16380020	rs368432617	C	T	4	1	3	European	0.75	0.375
KIF16B	chr20	16380023	rs138901840	C	T	13	7	6	African American	0.615384615	0.568047337
KIF16B	chr20	16380024	rs751854805	G	A	4	2	2	African American	0.5	0.625
KIF16B	chr20	16380080	rs747897403	C	T	2	1	1	European	1	0
KIF16B	chr20	16380081	rs202192407	G	T	4	2	2	European	1	0
KIF16B	chr20	16380090	rs202146908	C	T	9	7	2	East Asian	1	0
KIF16B	chr20	16380107	rs144842801	C	A	4	1	3	European	0.75	0.375
KIF16B	chr20	16380120	rs201610127	C	T	5	3	2	European	1	0
KIF16B	chr20	16381725	rs145387817	G	A	5	2	3	European	1	0
KIF16B	chr20	16404835	rs747917424	C	A	2	0	2	Latin American 2	0.5	0.5
KIF16B	chr20	16404843	rs114232301	T	G	146	36	110	African American	0.493150685	0.603584162
KIF16B	chr20	16404849	rs144884167	C	T	458	116	342	Latin American 2	0.312227074	0.780038519
KIF16B	chr20	16404873	rs767830256	G	C	2	0	2	South Asian	1	0
KIF16B	chr20	16406420	rs779028870	C	T	2	0	2	African American	1	0
KIF16B	chr20	16406453	rs752199324	G	A	3	0	3	South Asian	1	0
KIF16B	chr20	16427109	rs751454373	T	A	2	0	2	Latin American 2	1	0
KIF16B	chr20	16427128	rs193920855	C	T	2	0	2	Latin American 1	0.5	0.5
KIF16B	chr20	16427139	rs777979045	C	T	2	0	2	African American	1	0
KIF16B	chr20	16427191	rs149918620	C	T	20	6	14	European	0.7	0.485
KIF16B	chr20	16427230	rs773090309	G	A	4	0	4	South Asian	1	0
KIF16B	chr20	16428967	rs751782461	G	A	2	2	0	European	0.5	0.5
KIF16B	chr20	16428985	rs144621795	C	T	45	14	31	European	0.488888889	0.521481481
KIF16B	chr20	16429873	rs991694607	T	C	2	1	1	AFR	0.5	0.5

KIF16B	chr20	16497677	rs533883686	A	T	3	3	0	Latin American 1	1	0
KIF16B	chr20	16504386	rs376617237	C	T	4	2	2	European	1	0
KIF16B	chr20	16504394	rs369831714	G	A	3	0	3	African American	1	0
KIF16B	chr20	16504406	chr20_16504406_G_A	G	A	3	0	3	Latin American 1	1	0
KIF16B	chr20	16504418	rs182061575	C	T	4	3	1	European	1	0
KIF16B	chr20	16504508	rs143503908	C	T	14	5	9	European	0.857142857	0.244897959
KIF16B	chr20	16504539	rs570220794	G	A	4	2	2	Latin American 1	0.5	0.625
KIF16B	chr20	16505800	rs373271206	C	T	2	2	0	European	1	0
KIF16B	chr20	16505829	rs1304049887	T	C	2	0	2	European	1	0
KIF16B	chr20	16506037	rs371216686	C	T	2	1	1	African American	0.5	0.5
KIF16B	chr20	16506103	rs776485491	C	T	2	1	1	European	1	0
KIF16B	chr20	16506127	rs767345387	C	T	2	0	2	European	1	0
KIF16B	chr20	16506157	rs377708134	C	T	4	2	2	European	0.5	0.625
KIF16B	chr20	16506168	rs1182328391	G	C	2	0	2	AFR	1	0
KIF16B	chr20	16508016	rs1456362492	G	T	3	0	3	European	1	0
KIF16B	chr20	16508020	rs920742631	C	T	3	2	1	African American	1	0
KIF16B	chr20	16508031	rs778008000	C	T	4	1	3	South Asian	0.5	0.625
KIF16B	chr20	16508032	rs747079263	G	A	4	1	3	East Asian	1	0
KIF16B	chr20	16508040	rs760097544	T	C	2	0	2	African American	1	0
KIF16B	chr20	16508065	rs144734414	C	T	2	1	1	African American	1	0
KIF16B	chr20	16508083	rs749939448	C	T	2	1	1	European	1	0
KIF16B	chr20	16508100	rs555338627	T	C	2	1	1	East Asian	1	0
KIF16B	chr20	16511472	rs1322489935	T	G	3	0	3	European	1	0
KIF16B	chr20	16511483	rs201934822	C	T	6	1	5	European	0.666666667	0.5
KIF16B	chr20	16511484	rs772949909	G	A	3	1	2	Native American	1	0
KIF16B	chr20	16511487	rs201732566	G	A	5	3	2	European	0.8	0.32
KIF16B	chr20	16511504	rs775993785	C	T	6	2	4	European	1	0
KIF16B	chr20	16511505	rs144864308	G	A	23	5	18	Latin American 1	0.739130435	0.43100189
KIF16B	chr20	16512875	rs113456821	T	C	125	47	78	African American	0.592	0.550144
KIF16B	chr20	16512877	rs779575204	C	G	7	2	5	Latin American 2	0.857142857	0.244897959
KIF16B	chr20	16512878	rs201128490	G	A	16	6	10	European	0.875	0.21875
KIF16B	chr20	16512886	rs778333167	A	G	2	1	1	European	0.5	0.5
KIF16B	chr20	16512901	rs1478305353	C	T	2	1	1	African American	0.5	0.5
KIF16B	chr20	16512904	rs199862057	G	T	6	1	5	East Asian	1	0
KIF16B	chr20	16515649	rs377631501	C	T	8	1	7	European	0.625	0.53125
KIF16B	chr20	16515652	rs146744592	G	C	13	3	10	European	0.846153846	0.272189349
KIF16B	chr20	16515654	rs140237322	G	A	57	20	37	European	0.438596491	0.603878116
KIF16B	chr20	16515655	rs557490936	T	C	2	0	2	South Asian	1	0
KIF16B	chr20	16526120	rs774478907	T	C	2	0	2	Latin American 2	0.5	0.5
KIF16B	chr20	16526124	rs184779220	T	C	33	12	21	Latin American 1	0.727272727	0.438934803
KIF16B	chr20	16526169	rs565631879	G	A	12	2	10	European	0.833333333	0.291666667
KIF16B	chr20	16526193	rs746814258	C	T	10	0	10	South Asian	1	0
KIF16B	chr20	16526202	rs199569686	G	T	17	5	12	European	0.764705882	0.387543253
KIF16B	chr20	16528419	rs773274569	C	G	3	0	3	East Asian	1	0
KIF16B	chr20	16573232	rs185829984	C	T	331	124	207	Latin American 1	0.36858006	0.740062614
KIF16B	chr20	16573250	rs766254525	C	T	3	0	3	European	0.666666667	0.444444444

Table S7 List of SNVs for coalescence analysis																
Position	rsID	Gene sym	Effective A	Other Alle	AF	OR	CI	P value	Region	in_R5	R5_ID	gwas_prox	pos_proxy	A1_proxy	A2_proxy	R2
1:207629207	rs4844610	CR1	A	C	0.187	1.16	1.12–1.20	8.2×10^{-16}	CR1	TRUE	rs4844610	rs4844610	1:2076292	A	C	1
6:32607629	rs9271058	HLA-DRB1	A	T	0.27	1.1	1.06–1.14	5.1×10^{-8}	HLA-DQA1	TRUE	rs9271058	rs9271058	6:3260762	A	T	1
6:47463548	rs9473117	CD2AP	C	A	0.28	1.09	1.05–1.12	2.3×10^{-7}	CD2AP	TRUE	rs9473117	rs9473117	6:4746354	C	A	1
7:100494172	rs1253917	NYAP1	T	C	0.303	0.93	0.91–0.96	2.1×10^{-5}	NYAP1_ZC	TRUE	rs12539172	rs1253917	7:1004941	T	C	1
7:143402040	rs1080802	EPHA1	A	C	0.199	0.9	0.87–0.94	3.1×10^{-8}	EPHA1_EPI	TRUE	rs10808026	rs1080802	7:1434020	A	C	1
8:27610169	rs9331896	CLU	C	T	0.387	0.88	0.85–0.91	3.6×10^{-16}	CLU_PTK2B	TRUE	rs9331896	rs9331896	8:2761016	C	T	1
11:47358789	rs3740688	SPI1	G	T	0.448	0.91	0.89–0.94	9.7×10^{-11}	SPI1	TRUE	rs3740688	rs3740688	11:473587	G	T	1
11:60169453	rs7933202	MS4A2	C	A	0.391	0.89	0.86–0.92	2.2×10^{-15}	MS4A2_MS	TRUE	rs7933202	rs7933202	11:601694	C	A	1
14:92466484	rs1288173	SLC24A4	C	T	0.221	0.92	0.88–0.95	4.9×10^{-7}	RIN3_SLC2	TRUE	rs12881735	rs1288173	14:924664	C	T	1
19:1056493	rs3752246	ABCA7	G	C	0.182	1.13	1.09–1.18	6.6×10^{-10}	ABCA7_KLF	FALSE		rs4147929	chr19:1063	A	G	0.9509
19:44908684	rs429358	APOE	C	T	0.216	3.32	3.20–3.45	1.2×10^{-88}	APOE	TRUE	rs429358	rs429358	19:449086	C	T	1
20:56422512	rs6024870	CASS4	A	G	0.088	0.88	0.84–0.93	1.1×10^{-6}	CASS4	TRUE	rs6024870	rs6024870	20:564225	A	G	1
10:11678309	rs7920721	ECHDC3	G	A	0.389	1.08	1.05–1.11	1.9×10^{-7}	ECHDC3_U	TRUE	rs7920721	rs7920721	10:116783	G	A	1
17:63460787	rs1381900	ACE	A	G	0.02	1.29	1.15–1.44	7.5×10^{-6}	ACE	TRUE	rs138190086	rs1381900	17:634607	A	G	1
1:207577223	rs679515	CR1	T	C	0.188	1.13	1.11–1.15	7.2×10^{-46}	CR1	FALSE		rs1203784	chr1:20751	T	G	0.9429
2:127135234	rs6733839	BIN1	T	C	0.389	1.17	1.16–1.19	6.1×10^{-11}	BIN1	TRUE	rs6733839	rs6733839	2:1271352	T	C	1
2:233117202	rs1093343	INPP5D	G	C	0.234	0.93	0.92–0.95	3.6×10^{-18}	INPP5D	TRUE	rs10933431	rs1093343	2:2331172	G	C	1
4:11023507	rs6846529	CLNK	C	T	0.283	1.07	1.05–1.08	2.2×10^{-11}	CLNK	TRUE	rs6846529	rs6846529	4:1102350	C	T	1
6:32615322	rs6605556	HLA-DQA1	G	A	0.161	0.91	0.90–0.93	7.1×10^{-20}	HLA-DQA1	FALSE		rs6941395	chr6:32615	A	G	1
6:41036354	rs1094794	UNC5CL	A	G	0.142	0.94	0.93–0.96	1.1×10^{-9}	TREM2_TR	TRUE	rs10947943	rs1094794	6:4103635	A	G	1
6:41161469	rs1433324	TREM2	T	C	0.013	1.41	1.32–1.50	2.8×10^{-25}	TREM2_TR	TRUE	rs143332484	rs1433324	6:4116146	T	C	1
6:41161514	rs7593262	TREM2	T	C	0.003	2.39	2.09–2.73	2.5×10^{-37}	TREM2_TR	FALSE		rs1873706	chr6:40974	A	G	1
6:41181270	rs6075501	TREML2	G	A	0.004	1.55	1.33–1.80	2.1×10^{-8}	TREM2_TR	TRUE	rs60755019	rs6075501	6:4118127	G	A	1
6:47517390	rs7767350	CD2AP	T	C	0.271	1.08	1.06–1.09	7.9×10^{-22}	CD2AP	TRUE	rs7767350	rs7767350	6:4751739	T	C	1
7:37844191	rs6966331	EPDR1	T	C	0.349	0.96	0.94–0.97	4.6×10^{-10}	EPDR1	FALSE		rs2167266	chr7:37842	C	T	0.9315
7:100334426	rs7384878	ZCWPW1	C	T	0.31	0.92	0.91–0.94	1.1×10^{-26}	NYAP1_ZC	TRUE	rs7384878	rs7384878	7:1003344	C	T	1
7:143413669	rs1177114	EPHA1	A	G	0.348	0.95	0.93–0.96	3.3×10^{-14}	EPHA1_EPI	TRUE	rs11771145	rs1177114	7:1434136	A	G	1
8:27362470	rs7322343	PTK2B	T	C	0.369	1.07	1.06–1.08	4.0×10^{-23}	CLU_PTK2B	TRUE	rs73223431	rs7322343	8:2736247	T	C	1
8:27607795	rs1178707	CLU	T	C	0.392	0.91	0.90–0.92	1.7×10^{-44}	CLU_PTK2B	TRUE	rs11787077	rs1178707	8:2760779	T	C	1
10:11676714	rs7912495	USP6NL/EC	G	A	0.462	1.06	1.05–1.08	9.7×10^{-19}	ECHDC3_U	TRUE	rs7912495	rs7912495	10:116767	G	A	1
11:47370397	rs1043765	SPI1	A	G	0.399	1.06	1.04–1.07	5.3×10^{-14}	SPI1	TRUE	rs10437655	rs1043765	11:473703	A	G	1
11:60254475	rs1582763	MS4A4A	A	G	0.371	0.91	0.90–0.92	3.7×10^{-42}	MS4A2_MS	TRUE	rs1582763	rs1582763	11:602544	A	G	1
11:86157598	rs3851179	PICALM	T	C	0.358	0.9	0.89–0.92	3.0×10^{-48}	PICALM	FALSE		rs1079283	chr11:8615	A	G	0.9797
11:121482368	rs7468582	SORL1	G	T	0.019	1.19	1.13–1.25	2.8×10^{-11}	SORL1	TRUE	rs74685827	rs7468582	11:121482	G	T	1
11:121564878	rs1121834	SORL1	C	T	0.039	0.84	0.81–0.87	1.4×10^{-23}	SORL1	TRUE	rs11218343	rs1121834	11:121564	C	T	1
14:52924962	rs1712592	FERMT2	G	A	0.089	1.1	1.07–1.12	8.3×10^{-16}	FERMT2	TRUE	rs17125924	rs1712592	14:529249	G	A	1
14:92464917	rs7401792	SLC24A4	G	A	0.371	1.04	1.02–1.05	4.8×10^{-8}	RIN3_SLC2	TRUE	rs7401792	rs7401792	14:924649	G	A	1
14:92472511	rs1259065	SLC24A4	A	G	0.328	0.93	0.92–0.95	4.2×10^{-21}	RIN3_SLC2	TRUE	rs12590654	rs1259065	14:924725	A	G	1
15:50701814	rs8025980	SPPL2A	G	A	0.345	0.96	0.94–0.97	1.3×10^{-8}	SPPL2A	TRUE	rs8025980	rs8025980	15:507018	G	A	1
15:58764824	rs602602	ADAM10	A	T	0.28	0.94	0.93–0.96	2.1×10^{-15}	ADAM10	TRUE	rs602602	rs602602	15:587648	A	T	1
15:63277703	rs1176180	APH1B	T	C	0.144	1.11	1.09–1.13	2.2×10^{-25}	APH1B_SN	TRUE	rs117618017	rs1176180	15:632777	T	C	1

16:31111250	rs889555	BCKDK	T	C	0.281	0.95	0.94-0.97	2.0 × 10 ⁻¹¹	BCKDK	TRUE	rs889555	rs889555	16:311112	T	C	1
16:70660097	rs4985556	IL34	A	C	0.115	1.07	1.05-1.09	6.0 × 10 ⁻¹⁰	IL34	TRUE	rs4985556	rs4985556	16:706600	A	C	1
16:81739398	rs1244675	PLCG2	G	A	0.403	0.95	0.94-0.96	1.2 × 10 ⁻¹³	PLCG2	FALSE		rs1244418	chr16:8173	A	G	0.8496
16:81908423	rs7282490	PLCG2	G	C	0.008	0.74	0.68-0.81	8.5 × 10 ⁻¹²	PLCG2	FALSE		rs5571187	chr16:8189	C	T	0.6486
17:5233752	rs7225151	SCIMP	A	G	0.124	1.08	1.05-1.10	4.1 × 10 ⁻¹³	RABEP1_SC	TRUE	rs7225151	rs7225151	17:523375	A	G	1
17:46779275	rs199515	WNT3	G	C	0.219	0.94	0.93-0.96	9.3 × 10 ⁻¹³	WNT3	TRUE	rs199515	rs199515	17:467792	G	C	1
17:49219935	rs616338	ABI3	T	C	0.012	1.32	1.23-1.42	2.8 × 10 ⁻¹⁴	ABI3	TRUE	rs616338	rs616338	17:492199	T	C	1
17:58332680	rs2526377	TSPOAP1	G	A	0.445	0.95	0.94-0.97	1.6 × 10 ⁻¹¹	TSPOAP1_	TRUE	rs2526377	rs2526377	17:583326	G	A	1
17:63471557	rs4277405	ACE	C	T	0.384	0.94	0.93-0.95	8.8 × 10 ⁻²⁰	ACE	TRUE	rs4277405	rs4277405	17:634715	C	T	1
19:1050875	rs1215102	ABCA7	A	G	0.336	1.1	1.09-1.12	1.6 × 10 ⁻³¹	ABCA7_KLF	TRUE	rs12151021	rs1215102	19:105087	A	G	1
20:56423488	rs6014724	CASS4	G	A	0.09	0.89	0.87-0.91	4.1 × 10 ⁻²¹	CASS4	TRUE	rs6014724	rs6014724	20:564234	G	A	1
21:26775872	rs2830489	ADAMTS1	T	C	0.281	0.95	0.94-0.97	1.7 × 10 ⁻¹⁰	ADAMTS1_	TRUE	rs2830489	rs2830489	21:267758	T	C	1
1:109345810	rs1417496	SORT1	C	T	0.004	1.38	1.24-1.54	7.5 × 10 ⁻⁹	SORT1	TRUE	rs141749679	rs1417496	1:1093458	C	T	1
2:9558882	rs7277702	ADAM17	G	A	0.144	1.06	1.04-1.08	2.7 × 10 ⁻⁸	ADAM17	TRUE	rs72777026	rs7277702	2:9558882	G	A	1
2:37304796	rs1702049	PRKD3	C	T	0.145	1.06	1.04-1.08	3.3 × 10 ⁻⁹	PRKD3	TRUE	rs17020490	rs1702049	2:3730479	C	T	1
2:105749599	rs1430802	NCK2	C	T	0.005	1.47	1.33-1.63	2.1 × 10 ⁻¹³	NCK2	TRUE	rs143080277	rs1430802	2:1057495	C	T	1
2:202878716	rs1396433	WDR12	T	TC	0.131	0.94	0.92-0.96	1.1 × 10 ⁻⁸	WDR12	FALSE		rs1159535	chr2:20287	A	G	1
3:155069722	rs1682453	MME	A	G	0.054	0.92	0.89-0.95	3.6 × 10 ⁻⁸	MME	TRUE	rs16824536	rs1682453	3:1550697	A	G	1
3:155084189	rs6176231	MME	G	A	0.026	1.16	1.11-1.21	2.2 × 10 ⁻¹¹	MME	TRUE	rs61762319	rs6176231	3:1550841	G	A	1
4:993555	rs3822030	IDUA	G	T	0.429	0.95	0.94-0.96	8.3 × 10 ⁻¹¹	IDUA	FALSE		NA	NA	NA	NA	0
4:40197226	rs2245466	RHOH	G	C	0.343	1.05	1.03-1.06	1.2 × 10 ⁻⁹	RHOH	TRUE	rs2245466	rs2245466	4:4019722	G	C	1
5:14724304	rs1124033	ANKH	A	T	0.073	1.09	1.06-1.12	2.3 × 10 ⁻⁹	ANKH	TRUE	rs112403360	rs1124033	5:1472430	A	T	1
5:86927378	rs6237425	COX7C	C	T	0.23	1.07	1.05-1.09	1.4 × 10 ⁻¹⁵	COX7C	FALSE		rs2452760	chr5:86890	A	C	0.9153
5:151052827	rs871269	TNIP1	T	C	0.326	0.96	0.95-0.97	8.7 × 10 ⁻⁹	TNIP1	TRUE	rs871269	rs871269	5:1510528	T	C	1
5:180201150	rs1137065	RASGEF1C	A	G	0.11	1.09	1.07-1.12	2.2 × 10 ⁻¹⁶	RASGEF1C	FALSE		rs1163477	chr5:18019	A	G	0.9738
6:114291731	rs785129	HS3ST5	T	C	0.35	1.04	1.03-1.06	2.4 × 10 ⁻⁹	HS3ST5	TRUE	rs785129	rs785129	6:1142917	T	C	1
7:7817263	rs6943429	UMAD1	T	C	0.42	1.05	1.03-1.06	1.0 × 10 ⁻¹⁰	ICA1_UMA	TRUE	rs6943429	rs6943429	7:7817263	T	C	1
7:8204382	rs1095209	ICA1	T	C	0.114	1.07	1.05-1.10	6.8 × 10 ⁻⁹	ICA1_UMA	TRUE	rs10952097	rs1095209	7:8204382	T	C	1
7:12229967	rs1323751	TMEM106B	A	C	0.411	0.96	0.94-0.97	4.9 × 10 ⁻¹¹	TMEM106B	FALSE		rs7804433	chr7:12227	A	G	0.9916
7:28129126	rs1160871	JAZF1	G	GTCTT	0.222	0.95	0.93-0.97	9.8 × 10 ⁻⁹	JAZF1	FALSE		rs917116	chr7:28133	G	T	0.9915
7:54873635	rs7692864	SEC61G	T	C	0.103	0.93	0.91-0.95	1.6 × 10 ⁻¹⁰	SEC61G	TRUE	rs76928645	rs7692864	7:5487363	T	C	1
8:11844613	rs1065712	CTSB	C	G	0.053	1.09	1.06-1.12	1.9 × 10 ⁻⁹	CTSB	FALSE		rs4841602	chr8:11871	G	A	0.3952
8:144103704	rs3417306	SHARPIN	A	G	0.081	1.13	1.09-1.16	1.7 × 10 ⁻¹⁶	SHARPIN	FALSE		rs7983257	chr8:14404	C	T	0.651
9:104903697	rs1800978	ABCA1	G	C	0.13	1.06	1.04-1.08	1.6 × 10 ⁻⁹	ABCA1	FALSE		rs2244278	chr9:10489	A	C	0.9268
10:60025170	rs7068231	ANK3	T	G	0.403	0.95	0.94-0.96	3.3 × 10 ⁻¹³	ANK3_CCD	TRUE	rs7068231	rs7068231	10:600251	T	G	1
10:80494228	rs6586028	TSPAN14	C	T	0.196	0.93	0.91-0.94	2.0 × 10 ⁻¹⁵	TSPAN14	FALSE		rs7910643	chr10:8049	G	A	0.9604
10:96266650	rs6584063	BLNK	G	A	0.043	0.89	0.86-0.92	6.7 × 10 ⁻¹¹	BLNK	TRUE	rs6584063	rs6584063	10:962666	G	A	1
10:122413396	rs7908662	PLEKHA1	G	A	0.467	0.96	0.95-0.97	2.6 × 10 ⁻⁹	PLEKHA1	TRUE	rs7908662	rs7908662	10:122413	G	A	1
12:113281983	rs6489896	TPCN1	C	T	0.076	1.08	1.05-1.10	1.8 × 10 ⁻⁹	TPCN1	TRUE	rs6489896	rs6489896	12:113281	C	T	1
14:105761758	rs7157106	IGH	A	G	0.36	1.05	1.03-1.07	2.0 × 10 ⁻⁸	IGH	FALSE		rs2871025	chr14:1057	T	C	0.9685
14:106665591	rs1013128	IGH	A	G	0.133	0.94	0.92-0.96	4.3 × 10 ⁻¹⁰	IGH	TRUE	rs10131280	rs1013128	14:106665	A	G	1
15:64131307	rs3848143	SNX1	G	A	0.22	1.05	1.04-1.07	8.4 × 10 ⁻¹¹	APH1B_SN	TRUE	rs3848143	rs3848143	15:641313	G	A	1
15:78936857	rs1259289	CTSH	A	G	0.133	0.94	0.92-0.96	4.2 × 10 ⁻⁹	CTSH	FALSE		rs1214847	chr15:7893	C	T	0.8343

16:30010081	rs1140239	DOC2A	T	C	0.379	0.94	0.93-0.96	2.6×10^{-13}	DOC2A	TRUE	rs1140239	rs1140239	16:300100	T	C	1
16:79574511	rs450674	MAF	C	T	0.373	0.96	0.95-0.98	3.2×10^{-8}	MAF	FALSE		rs375277	chr16:7957	C	T	0.9266
16:86420604	rs1694123	FOXF1	A	T	0.029	1.13	1.08-1.17	1.3×10^{-8}	FOXF1	TRUE	rs16941239	rs1694123	16:864206	A	T	1
16:90103687	rs5640723	PRDM7	A	G	0.069	1.11	1.08-1.14	6.5×10^{-15}	PRDM7	TRUE	rs56407236	rs5640723	16:901036	A	G	1
17:1728046	rs3504865	WDR81	T	TGAG	0.214	1.06	1.04-1.08	7.7×10^{-11}	WDR81	FALSE		rs9912287	chr17:1727	A	G	0.8197
17:18156140	rs2242595	MYO15A	A	G	0.112	0.94	0.92-0.96	1.1×10^{-9}	MYO15A	TRUE	rs2242595	rs2242595	17:181561	A	G	1
17:44352876	rs5848	GRN	T	C	0.289	1.07	1.06-1.09	2.4×10^{-20}	GRN	TRUE	rs5848	rs5848	17:443528	T	C	1
19:1854254	rs1490809	KLF16	G	GC	0.48	1.05	1.04-1.07	5.1×10^{-10}	ABCA7_KLF	TRUE	rs149080927	rs1490809	19:185425	G	GC	1
19:49950060	rs9304690	SIGLEC11	T	C	0.24	1.05	1.03-1.07	4.7×10^{-9}	SIGLEC11	FALSE		rs6212630	chr19:4995	T	G	0.8712
19:54267597	rs587709	LILRB2	C	T	0.325	1.05	1.04-1.07	3.6×10^{-11}	LILRB2	TRUE	rs587709	rs587709	19:542675	C	T	1
20:413334	rs1358782	RBCK1	A	G	0.246	0.95	0.94-0.97	1.6×10^{-8}	RBCK1	TRUE	rs1358782	rs1358782	20:413334	A	G	1
20:63743088	rs6742	SLC2A4RG	T	C	0.221	0.95	0.93-0.97	2.6×10^{-9}	SLC2A4RG	TRUE	rs6742	rs6742	20:637430	T	C	1
21:26101558	rs2154481	APP	C	T	0.476	0.95	0.94-0.97	1.0×10^{-11}	ADAMTS1	FALSE		rs2830072	chr21:2612	T	G	0.8688

Table S8 Sample reported and genetic inferring acenstry			
GrafAnc_genetic_inferring	Reported_Race	Reported_Ethnicity	Samples
AFR	Black or African American		1
AFR	Black or African American	Hispanic or Latino	2
AFR	Black or African American	Not Hispanic or Latino	915
AFR	Other	Hispanic or Latino	4
AFR	Other	Not Hispanic or Latino	2
AFR	White	Not Hispanic or Latino	2
African American			3
African American	American Indian/Alaska Native		1
African American	American Indian/Alaska Native	Hispanic or Latino	2
African American	American Indian/Alaska Native	Not Hispanic or Latino	3
African American	Asian	Not Hispanic or Latino	2
African American	Black or African American		130
African American	Black or African American	Hispanic or Latino	87
African American	Black or African American	Not Hispanic or Latino	5072
African American		Hispanic or Latino	2
African American		Not Hispanic or Latino	4
African American	Other		2
African American	Other	Hispanic or Latino	161
African American	Other	Not Hispanic or Latino	2
African American	White		8
African American	White	Hispanic or Latino	13
African American	White	Not Hispanic or Latino	46
East Asian			1
East Asian	American Indian/Alaska Native	Not Hispanic or Latino	1
East Asian	Asian		15
East Asian	Asian	Hispanic or Latino	4
East Asian	Asian	Not Hispanic or Latino	2543
East Asian	Black or African American	Hispanic or Latino	1
East Asian	Black or African American	Not Hispanic or Latino	1
East Asian	Native Hawaiian or Other Pacific Islander	Not Hispanic or Latino	2
East Asian		Not Hispanic or Latino	4
East Asian	Other	Hispanic or Latino	4
East Asian	Other	Not Hispanic or Latino	4
East Asian	White		25
East Asian	White	Hispanic or Latino	4
East Asian	White	Not Hispanic or Latino	11
South Asian	Asian		3
South Asian	Asian	Not Hispanic or Latino	2625
South Asian	Black or African American	Not Hispanic or Latino	2
South Asian	Native Hawaiian or Other Pacific Islander	Not Hispanic or Latino	1
South Asian	Other		2
South Asian	Other	Not Hispanic or Latino	7
South Asian	White		15
South Asian	White	Not Hispanic or Latino	5
European			38

European	American Indian/Alaska Native		5
European	American Indian/Alaska Native	Not Hispanic or Latino	29
European	Asian		1
European	Asian	Not Hispanic or Latino	7
European	Black or African American		1
European	Black or African American	Hispanic or Latino	17
European	Black or African American	Not Hispanic or Latino	24
European		Hispanic or Latino	13
European	Native Hawaiian or Other Pacific Islander	Not Hispanic or Latino	3
European		Not Hispanic or Latino	24
European	Other		32
European	Other	Hispanic or Latino	73
European	Other	Not Hispanic or Latino	25
European	White		3558
European	White	Hispanic or Latino	467
European	White	Not Hispanic or Latino	21725
Latin American 1			2
Latin American 1	American Indian/Alaska Native	Hispanic or Latino	12
Latin American 1	American Indian/Alaska Native	Not Hispanic or Latino	3
Latin American 1	Asian	Hispanic or Latino	5
Latin American 1	Asian	Not Hispanic or Latino	1
Latin American 1	Black or African American		5
Latin American 1	Black or African American	Hispanic or Latino	335
Latin American 1	Black or African American	Not Hispanic or Latino	181
Latin American 1		Hispanic or Latino	29
Latin American 1	Native Hawaiian or Other Pacific Islander	Hispanic or Latino	5
Latin American 1	Other		4
Latin American 1	Other	Hispanic or Latino	5194
Latin American 1	Other	Not Hispanic or Latino	6
Latin American 1	White		9
Latin American 1	White	Hispanic or Latino	1282
Latin American 1	White	Not Hispanic or Latino	29
Latin American 2			3
Latin American 2	American Indian/Alaska Native		1
Latin American 2	American Indian/Alaska Native	Hispanic or Latino	38
Latin American 2	American Indian/Alaska Native	Not Hispanic or Latino	33
Latin American 2	Asian	Hispanic or Latino	42
Latin American 2	Black or African American	Hispanic or Latino	9
Latin American 2	Black or African American	Not Hispanic or Latino	2
Latin American 2		Hispanic or Latino	1893
Latin American 2	Other		5
Latin American 2	Other	Hispanic or Latino	407
Latin American 2	Other	Not Hispanic or Latino	2
Latin American 2	White		25
Latin American 2	White	Hispanic or Latino	1917
Latin American 2	White	Not Hispanic or Latino	30
MEN	Asian	Not Hispanic or Latino	2

MEN	Black or African American	Not Hispanic or Latino	4
MEN		Not Hispanic or Latino	1
MEN	Other	Hispanic or Latino	9
MEN	Other	Not Hispanic or Latino	5
MEN	White		16
MEN	White	Hispanic or Latino	9
MEN	White	Not Hispanic or Latino	55
Multi-ancestry	American Indian/Alaska Native	Not Hispanic or Latino	1
Multi-ancestry	Asian	Not Hispanic or Latino	3
Multi-ancestry	Black or African American	Hispanic or Latino	5
Multi-ancestry	Black or African American	Not Hispanic or Latino	12
Multi-ancestry		Hispanic or Latino	71
Multi-ancestry		Not Hispanic or Latino	1
Multi-ancestry	Other	Hispanic or Latino	75
Multi-ancestry	Other	Not Hispanic or Latino	3
Multi-ancestry	White		4
Multi-ancestry	White	Hispanic or Latino	41
Multi-ancestry	White	Not Hispanic or Latino	16
Native American	American Indian/Alaska Native	Hispanic or Latino	1
Native American	American Indian/Alaska Native	Not Hispanic or Latino	5
Native American	Asian	Hispanic or Latino	1
Native American		Hispanic or Latino	627
Native American	Other	Hispanic or Latino	212
Native American	White		1
Native American	White	Hispanic or Latino	14