

**The American Journal of Human Genetics, Volume 89**

**Supplemental Data**

**Recent Admixture in an Indian Population**

**of African Ancestry**

**Ankita Narang, Pankaj Jha, Vimal Rawat, Arijit Mukhopadhyay, Debasis Dash, Indian Genome Variation, Analabha Basu, and Mitali Mukerji**

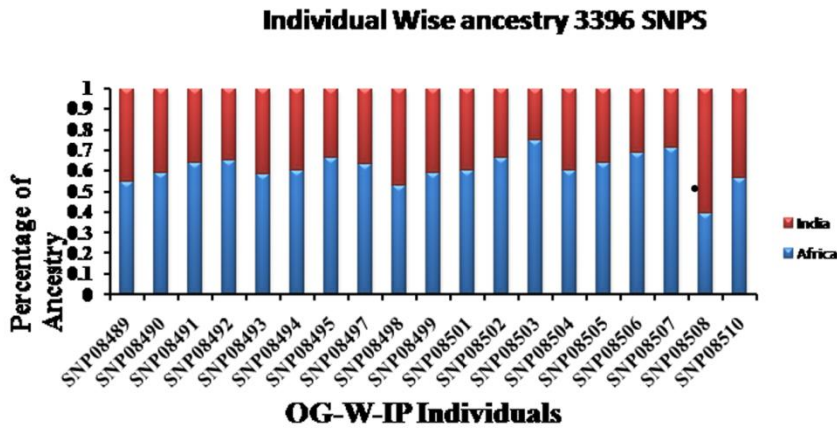
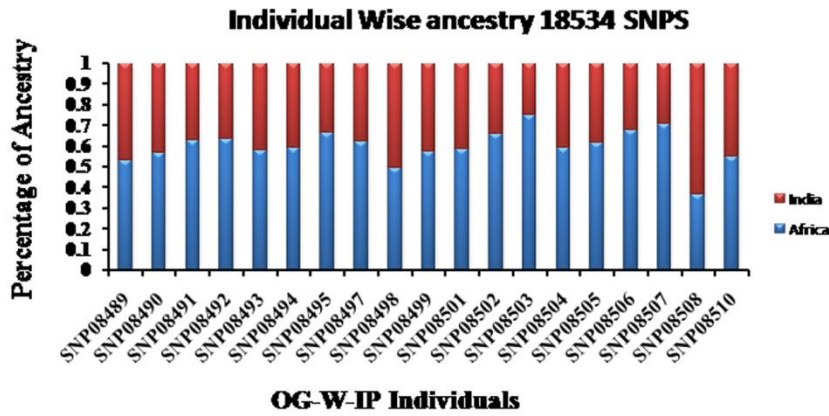
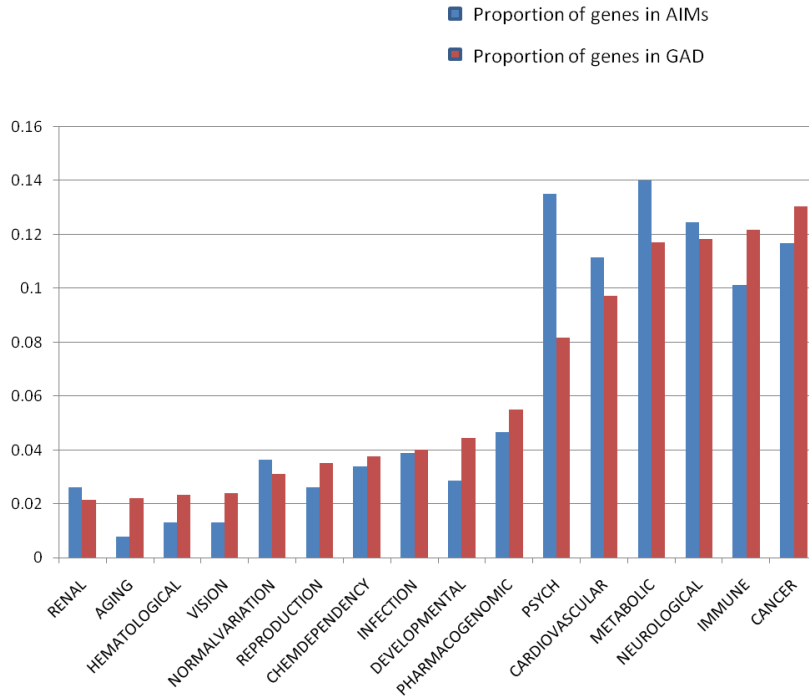


Figure S1: The amount of Individual ancestries (Red is IE ancestry Blue is African ancestry) among the 19 OG individuals as estimated by STRUCTURE using all 18534 SNPs [top block] compared to the same using 3396 [bottom block] SNPs.

a



b

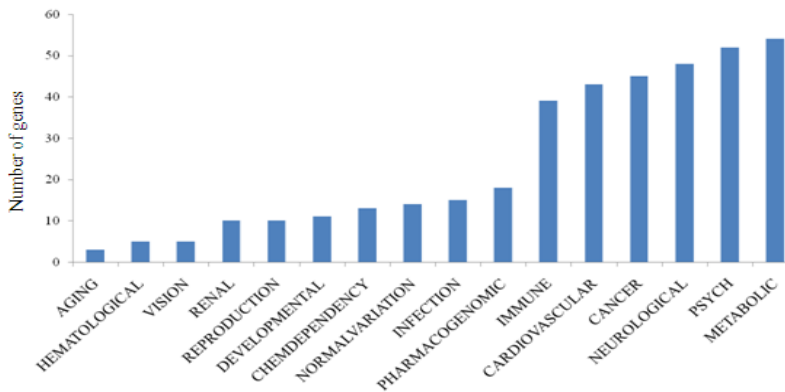


Figure S2: Representation of (a) Proportion of genes from AIMs compared to total proportion of genes in GAD (b) the number of genes (from 3396 AIMs) with  $F_{ST} > 0.1$  between the African and the Indian ancestral populations with respect to reported association with different diseases in Genetic Association Database (GAD)



**TableS1: Details of the populations analysed in the current study**

<b>SN</b>	<b>Population code</b>	<b>Caste/religious</b>	<b>Linguistic group</b>	<b>Geography</b>	<b>Ethnicity</b>
1	AA-C-IP5	Tribe	Austro-Asiatic	Central	Isolated population
2	AA-NE-IP1	Tribe	Austro-Asiatic	North-East	Isolated population
3	DR-C-IP2	Tribe	Dravidian	Central	Isolated population
4	DR-S-LP3	Caste	Dravidian	South	Large population
5	IE-E-LP2	Caste	Indo-European	East	Large population
6	IE-E-LP4	Caste	Indo-European	East	Large population
7	IE-NE-IP1	Tribe	Indo-European	North-East	Isolated population
8	IE-NE-LP1	Caste	Indo-European	North-East	Large population
9	IE-N-IP2	Tribe	Indo-European	North	Isolated population
10	IE-N-LP1	Caste	Indo-European	North	Large population
11	IE-N-LP10	Caste	Indo-European	North	Large population
12	IE-N-LP5	Caste	Indo-European	North	Large population
13	IE-N-LP9	Caste	Indo-European	North	Large population
14	IE-N-SP4	Religious	Indo-European	North	Special population
15	IE-W-LP1	Caste	Indo-European	West	Large population
16	IE-W-LP2	Caste	Indo-European	West	Large population
17	IE-W-LP3	Caste	Indo-European	West	Large population
18	IE-W-LP4	Caste	Indo-European	West	Large population
19	OG-W-IP	Out-group	Out-group	West	Isolated population
20	TB-NE-LP1	Caste	Tibeto-Burman	North-East	Large population
21	TB-N-IP1	Tribe	Tibeto-Burman	North	Isolated population
22	TB-N-SP1	Religious	Tibeto-Burman	North	Special population
23	DR-S-LP	Caste	Dravidian	South	Large population
24	IE-E-IP1	Tribe	Indo-European	East	Isolated population
25	IE-N-LP18	Caste	Indo-European	North	Large population
26	IE-W-IP3	Tribe	Indo-European	West	Isolated population

**Table S2: Details of the 3396 AIMs that have  $F_{ST} \geq 0.1$  between African and Indo-European ancestral populations**

Chromosome	SNP	Allele1	Allele2	MAF_Africa	MAF_IN D	MAF_O G	Gene
1	rs10489409	C	T	0.1406	0.2	0.02632	PLA2G4A
1	rs1304352	C	A	0.4531	0.09302	0.1579	CHRM3
1	rs2856813	T	C	0.1562	0.6047	0.1842	NGF
1	rs10492961	T	C	0.2031	0.6471	0.3158	CAMTA1
1	rs952635	C	T	0.2188	0.625	0.3235	PDE4B
1	rs96501	C	T	0.5625	0.1744	0.4474	NTNG1
1	rs10494061	C	T	0.07812	0.475	0.3158	NTNG1
1	rs2032563	A	G	0	0.314	0.1579	CAMTA1
1	rs594165	A	C	0.4219	0.1313	0.1471	NTNG1
1	rs6426905	T	C	0.4531	0.1105	0.1316	KCNN3
1	rs6664987	T	C	0.4375	0.1012	0.2105	CAMTA1
1	rs228651	T	C	0.07812	0.4593	0.2632	UTS2
1	rs696619	A	G	0.1406	0.4942	0.2895	F3
1	rs10494436	G	A	0.03125	0.4767	0.2368	LMX1A
1	rs1200150	A	C	0.4062	0.7235	0.3421	ATP1B1
1	rs528455	T	C	0.4839	0.7635	0.4375	DPYD
1	rs970337	A	G	0.2188	0.5972	0.25	DPYD
1	rs2618717	T	C	0.2969	0.6744	0.3421	RYR2
1	rs790900	A	C	0.4219	0.1548	0.4474	RYR2
1	rs10489267	T	G	0.2812	0.05195	0.02941	TNFSF4
1	rs1009806	C	T	0.1094	0.3393	0.2105	UBR4
1	rs1022013	G	A	0.4219	0.1071	0.3421	Non-genic
1	rs10489161	A	G	0.6094	0.2765	0.4474	Non-genic
1	rs10489211	G	A	0.4688	0.07558	0.4474	Non-genic
1	rs10489216	A	G	0	0.2733	0.1053	Non-genic
1	rs10489227	A	G	0.2188	0.6446	0.3947	Non-genic
1	rs10489321	C	T	0.125	0.5058	0.2368	TNR
1	rs10489430	C	T	0	0.3512	0.1053	ZMPSTE24
1	rs1048947	C	T	0.5	0.7907	0.3947	PAPPA2

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1	rs1048957 3	T	C	0.01562	0.256	0.1053	IGSF21
1	rs1048960 3	A	G	0	0.4186	0.1842	Non-genic
1	rs1048972 9	T	C	0.4375	0.1337	0.4211	C1orf21
1	rs1048975 9	T	C	0.6406	0.07237	0.3611	Non-genic
1	rs1049299 8	T	C	0.07812	0.2938	0.1053	CAPZB
1	rs1049301 5	G	A	0.04688	0.4588	0.1579	ZBTB40
1	rs1049355 0	A	G	0	0.3049	0.08333	Non-genic
1	rs1049357 8	C	T	0.03125	0.4529	0.2105	Non-genic
1	rs1049365 0	T	C	0.4844	0.1709	0.3684	Non-genic
1	rs1049375 6	T	C	0.03125	0.2941	0.1053	LPAR3
1	rs1049376 1	C	A	0.2188	0.741	0.4211	Non-genic
1	rs1049376 8	G	A	0.25	0.6765	0.3684	Non-genic
1	rs1049383 5	T	C	0.375	0.06548	0.3158	Non-genic
1	rs1049396 3	C	T	0.07812	0.4589	0.25	Non-genic
1	rs1049408 7	G	A	0.09375	0.6845	0.2632	Non-genic
1	rs1049417 8	G	A	0.09375	0.3571	0.1316	Non-genic
1	rs1049419 2	C	T	0	0.3529	0.07895	CD101
1	rs1049420 1	A	G	0.01562	0.2917	0.07895	Non-genic
1	rs1049422 6	A	G	0.2419	0.02326	0.1842	Non-genic
1	rs1049425 7	C	T	0.4531	0.05952	0.2632	Non-genic
1	rs1049431 6	A	G	0.3594	0.7294	0.3333	FCRL5
1	rs1049438 7	T	C	0.2656	0.5864	0.25	Non-genic
1	rs1049438 8	A	C	0.07812	0.3176	0.05263	Non-genic
1	rs1049441 0	T	C	0.0625	0.1337	0	Non-genic
1	rs1049513 3	T	G	0.25	0.7059	0.4706	Non-genic
1	rs1049543 4	T	G	0.2656	0.04217	0.25	Non-genic
1	rs1049544 9	G	A	0.6719	0.2674	0.4737	Non-genic

1	rs1049545 9	A	G	0.25	0.5976	0.3684	FMN2
1	rs1076624	T	C	0.4531	0.1548	0.4211	Non-genic
1	rs1080307	G	T	0.01562	0.3706	0.1579	MAGI3
1	rs1090834 8	G	A	0.1719	0.8256	0.3947	Non-genic
1	rs1110304	A	G	0.4219	0.7647	0.5	NUAK2
1	rs1110423	G	A	0.5	0.2313	0.4737	ERO1LB
1	rs1146635	A	G	0.03125	0.5765	0.2368	RABGGTB
1	rs1181876	A	G	0.03125	0.3512	0.1579	CCDC27
1	rs1244981	A	G	0.3594	0.7529	0.4737	Non-genic
1	rs1279688	T	C	0.2344	0.6548	0.4167	Non-genic
1	rs1298129	G	A	0.1406	0.5964	0.3158	Non-genic
1	rs1317712	T	C	0.01562	0.4765	0	Non-genic
1	rs1327896	G	T	0.2031	0.6867	0.2368	Non-genic
1	rs1330224	A	G	0.2656	0.6337	0.3684	NMNAT2
1	rs1338685	T	C	0.6094	0.8647	0.5	Non-genic
1	rs1361493	C	T	0.2656	0.675	0.4474	LRRC7
1	rs1389742	G	A	0.2344	0.5412	0.2105	MOSC1
1	rs1392096	G	A	0.25	0.6463	0.3158	Non-genic
1	rs1395455	G	A	0.1406	0.5294	0.2632	Non-genic
1	rs1409803	A	G	0.5781	0.1786	0.4167	GLT25D2
1	rs1409808	G	A	0.4844	0.119	0.3056	Non-genic
1	rs1414411	T	C	0.2656	0.657	0.3947	Non-genic
1	rs1414674	C	T	0	0.4524	0.1667	Non-genic
1	rs1416467	A	G	0.3125	0.4568	0.3684	Non-genic
1	rs1418425	C	T	0.3438	0.657	0.2895	Non-genic
1	rs1432120	C	T	0.2656	0.0407	0.3947	Non-genic
1	rs1434889	A	G	0.2969	0.6488	0.3158	Non-genic
1	rs1473711	A	G	0.3906	0.157	0.5	Non-genic
1	rs1482658	G	T	0.03125	0.3487	0.1316	Non-genic
1	rs1567190	C	T	0.1719	0.5824	0.2368	CR2
1	rs1633149	G	A	0.2812	0.6512	0.3421	Non-genic
1	rs1704745	G	A	0.03125	0.7012	0.25	DDR2
1	rs170827	T	G	0	0.2927	0.08333	Non-genic
1	rs1775700	C	T	0.1719	0.8372	0.2368	MAB21L3
1	rs1775752	T	C	0.4219	0.1265	0.3421	Non-genic
1	rs1807871	C	T	0.5938	0.08721	0.3421	Non-genic
1	rs1898152	T	C	0	0.07558	0	PLD5
1	rs1912231	C	T	0.07812	0.3487	0.06667	Non-genic
1	rs1922924	T	C	0.0625	0.4405	0.1053	Non-genic
1	rs1930293	C	T	0.3281	0.08442	0.2222	Non-genic
1	rs1933162	T	C	0.7344	0.1037	0.4737	OR2L13
1	rs2012130	C	T	0.3906	0.657	0.2368	Non-genic
1	rs2050187	T	C	0.1719	0.4935	0.3056	HHAT
1	rs2076655	A	G	0.0625	0.5756	0.2632	MTOR
1	rs2201689	G	A	0	0.5059	0.2105	Non-genic
1	rs2224402	G	A	0.1094	0.6221	0.3421	Non-genic
1	rs2224909	A	G	0.4844	0.7711	0.3421	Non-genic



1	rs223192	C	T	0.5	0.122	0.3947	IGSF21
1	rs228563	C	A	0.3125	0.6974	0.4375	Non-genic
1	rs2295942	T	C	0.125	0.6852	0.2368	GNG12
1	rs2335230	C	A	0.04688	0.3647	0.1316	ADAR
1	rs2355230	C	A	0.01562	0.3529	0.05263	Non-genic
1	rs2363965	T	C	0.25	0.6706	0.2778	KDM5B
1	rs2375675	A	C	0.5	0.7907	0.5	Non-genic
1	rs2378282	G	A	0.4844	0.1	0.3421	Non-genic
1	rs240101	G	A	0.2656	0.6221	0.4211	PAPPA2
1	rs2432	T	C	0.1406	0.5174	0.2632	SYT6
1	rs2504057	A	G	0.2812	0.5	0.1579	Non-genic
1	rs259659	T	C	0	0.2988	0.1316	Non-genic
1	rs270703	C	T	0.09375	0.4176	0.1389	RNF220
1	rs2745492	A	G	0.5781	0.2229	0.4211	Non-genic
1	rs2764664	T	C	0.1406	0.5904	0.1765	DAB1
1	rs2777965	A	C	0.125	0.6706	0.2632	FCRL4
1	rs2788271	G	T	0.1406	0.7805	0.3824	Non-genic
1	rs2789417	T	G	0.3906	0.08235	0.3421	SLAMF9
1	rs2816999	C	T	0.2344	0.5123	0.3056	NR5A2
1	rs3124089	G	A	0.2031	0.6566	0.4211	CNST
1	rs3766377	A	G	0.5156	0.7619	0.4474	CD244
1	rs3766642	A	G	0.5	0.06977	0.4737	RALGPS2
1	rs3845572	T	C	0.4062	0.09302	0.2895	Non-genic
1	rs3862265	T	C	0.1562	0.5125	0.2647	Non-genic
1	rs3898486	T	C	0.3594	0.8512	0.4706	AXDND1
1	rs4131568	T	C	0.03125	0.284	0.05882	Non-genic
1	rs4304570	G	A	0.01562	0.2209	0.02632	GPR137B
1	rs432611	C	A	0.375	0.06471	0.3158	Non-genic
1	rs4433402	G	A	0.4844	0.1105	0.3235	Non-genic
1	rs4652621	G	A	0.6875	0.8235	0.4211	Non-genic
1	rs4652921	A	G	0.5	0.1667	0.3684	Non-genic
1	rs4658186	A	G	0.0625	0.4412	0.1842	Non-genic
1	rs4659339	C	A	0.125	0.5301	0.2778	Non-genic
1	rs4907140	C	T	0.1406	0.3895	0.07895	SYDE2
1	rs581595	C	A	0.03125	0.2857	0.1053	Non-genic
1	rs633343	C	T	0.4062	0.5833	0.2368	Non-genic
1	rs6424950	C	T	0.5156	0.122	0.4211	C1orf21
1	rs6425357	T	C	0.25	0.9157	0.5	Non-genic
1	rs6537803	G	A	0.3438	0.75	0.4737	Non-genic
1	rs6577231	C	T	0.4219	0.03571	0.4333	Non-genic
1	rs665062	G	A	0.6094	0.2471	0.4474	Non-genic
1	rs6657722	T	C	0.1562	0.6687	0.2353	Non-genic
1	rs6672844	A	G	0.6562	0.1506	0.4474	Non-genic
1	rs6681578	C	T	0.01562	0.6325	0.2632	CACHD1
1	rs6691591	G	A	0.2031	0.5176	0.2632	KANK4
1	rs6701631	T	C	0.5	0.1235	0.3421	SYT14
1	rs696620	G	A	0.1562	0.6607	0.2368	SLC44A3
1	rs709184	A	G	0	0.2235	0	Non-genic

1	rs716756	A	G	0	0.3537	0.1053	HMCN1
1	rs716988	T	G	0	0.3765	0.1316	Non-genic
1	rs724685	G	A	0.5625	0.1294	0.3947	Non-genic
1	rs7367176	A	G	0.03125	0.3488	0.1053	Non-genic
1	rs7415961	C	T	0.6875	0.1221	0.4211	C1orf21
1	rs7526653	T	C	0.04688	0.3059	0.1053	DNM3
1	rs752819	A	G	0.3906	0.09639	0.2895	ST6GALNAC 3
1	rs7553933	C	T	0.4531	0.06395	0.2895	AHCYL1
1	rs7556318	A	G	0.25	0.6566	0.3889	Non-genic
1	rs764051	G	A	0.2812	0.6875	0.3929	-
1	rs765224	A	G	0.3281	0.09259	0.4211	Non-genic
1	rs784828	A	G	0.3906	0.1047	0.2632	Non-genic
1	rs798007	C	T	0.5625	0.04819	0.4211	Non-genic
1	rs817413	T	G	0.4688	0.03529	0.3158	SYDE2
1	rs856084	G	T	0.01562	0.3155	0.1316	PYHIN1
1	rs856613	A	G	0.5312	0.04651	0.3158	NRD1
1	rs871343	G	A	0.1562	0.6071	0.2895	HIVEP3
1	rs875326	T	C	0.5938	0.1447	0.4444	Non-genic
1	rs908929	G	A	0.375	0.09412	0.2632	Non-genic
1	rs951781	T	C	0	0.3488	0.1579	NES
1	rs953194	T	C	0.0625	0.2442	0	Non-genic
1	rs953809	A	G	0.2812	0.06395	0.2632	CD247
1	rs955613	T	C	0.09375	0.5756	0.3158	Non-genic
1	rs965972	G	A	0.4062	0.04706	0.2895	Non-genic
1	rs966102	A	G	0.04688	0.3372	0.1316	Non-genic
1	rs984779	C	T	0.2812	0.6358	0.3889	Non-genic
1	rs1007271	G	A	0.09375	0.6686	0.5	Non-genic
1	rs1018626	G	A	0.3594	0.1	0.02632	Non-genic
1	rs1048919 3	G	A	0.3906	0.07831	0.1053	RCSD1
1	rs1048953 4	T	G	0.2812	0.02941	0.07895	TRIT1
1	rs1049306 7	A	G	0.7031	0.1294	0.2895	SFPQ
1	rs1049320 1	G	T	0.3906	0.07738	0.05556	Non-genic
1	rs1049321 4	A	G	0	0.2432	0.1471	DAB1
1	rs1049331 0	T	C	0.01562	0.3314	0.2368	Non-genic
1	rs1049375 4	G	A	0.5781	0.1353	0.3158	SPATA1
1	rs1049375 8	C	T	0.2188	0.5765	0.4474	Non-genic
1	rs1049418 0	G	A	0.7031	0.3314	0.2632	CASQ2
1	rs1049438 3	A	G	0.3594	0.05625	0.1316	Non-genic
1	rs1049451 9	T	C	0.2188	0.0407	0.1176	AXDND1

1	rs1049454 8	G	A	0.3438	0.04651	0.1842	Non-genic
1	rs1049459 5	C	A	0.4062	0.1111	0.1316	Non-genic
1	rs1049474 3	A	G	0.8125	0.391	0.4333	KCNT2
1	rs1049496 8	C	T	0.6562	0.2209	0.3421	Non-genic
1	rs1049523 4	A	G	0.07812	0.3855	0.3611	Non-genic
1	rs1113239	G	A	0.2031	0.6456	0.4375	Non-genic
1	rs1134647	G	A	0	0.256	0.1316	SMYD2
1	rs1166866	C	T	0.6719	0.0814	0.2895	Non-genic
1	rs1166868	T	C	0.8125	0.225	0.4474	Non-genic
1	rs1175119	A	C	0.6719	0.1524	0.3158	Non-genic
1	rs1192832	T	C	0.04688	0.3314	0.2368	Non-genic
1	rs1194596	G	A	0.7812	0.3081	0.4211	UBAP2L
1	rs1260817	T	G	0.6094	0.2037	0.3421	ROR1
1	rs1321996	G	A	0.04688	0.6951	0.4167	Non-genic
1	rs1340416	A	G	0.8281	0.1286	0.25	Non-genic
1	rs1341015	G	A	0.4219	0.1176	0.2632	Non-genic
1	rs1360181	C	T	0.5625	0.3471	0.3684	Non-genic
1	rs1385152	G	T	0.3438	0.08434	0.1842	AGBL4
1	rs1404027	G	A	0.5781	0.2125	0.3438	Non-genic
1	rs1407555	T	C	0.07812	0.3895	0.3421	TRMT1L
1	rs1407709	T	C	0.5	0.125	0.2632	Non-genic
1	rs1408954	G	A	0.7344	0.2975	0.4412	Non-genic
1	rs1409809	G	A	0.04688	0.436	0.2895	Non-genic
1	rs1409810	A	G	0.4688	0.1279	0.2368	Non-genic
1	rs1419114	A	G	0.4531	0.1221	0.2105	ATP2B4
1	rs1458597	C	T	0.4062	0.06977	0.1316	SLC35F3
1	rs1505553	A	G	0.4531	0.1456	0.1471	Non-genic
1	rs1541252	T	C	0.4531	0.1221	0.2105	ATP2B4
1	rs1710776	C	T	0.03125	0.343	0.2368	Non-genic
1	rs1721525	T	C	0.07812	0.4884	0.2941	Non-genic
1	rs1930211	G	A	0.04688	0.4198	0.2368	Non-genic
1	rs2050632	C	T	0.7031	0.3193	0.3421	EFCAB2
1	rs2121053	C	A	0.03125	0.4588	0.2895	Non-genic
1	rs2209096	C	T	0.04688	0.2973	0.2778	DNM3
1	rs2211127	C	T	0	0.4518	0.2333	Non-genic
1	rs2298028	T	C	0.2188	0.3882	0.3421	HAO2
1	rs2300564	C	T	0.8281	0.4753	0.3158	Non-genic
1	rs233053	G	A	0.75	0.5	0.3667	DDAH1
1	rs2383532	T	C	0.1562	0.03125	0	Non-genic
1	rs2869513	G	A	0	0.5	0.3947	EPHB2
1	rs2902467	G	T	0.625	0.2152	0.4167	ADCY10
1	rs3131735	A	G	0.8125	0.3193	0.4722	DAB1
1	rs342818	C	T	0.625	0.1905	0.3889	Non-genic
1	rs3761959	T	C	0.7031	0.3434	0.4474	FCRL3
1	rs3856036	A	C	0.5625	0.1446	0.1579	Non-genic

1	rs4128390	C	T	0.125	0.5116	0.3684	PRSS38
1	rs4128841	C	T	0.01562	0.5872	0.4211	Non-genic
1	rs4131804	T	G	0.7969	0.3059	0.4474	RGS7
1	rs4659971	C	T	0.25	0.6369	0.4737	FMN2
1	rs4839127	A	G	0.6719	0.2674	0.3684	Non-genic
1	rs4949673	G	T	0.8281	0.3647	0.4688	SLC44A5
1	rs508796	C	T	0.7812	0.3294	0.4737	CSMD2
1	rs518769	G	A	0.3438	0.109	0.1316	TNNI3K
1	rs551911	G	A	0.1406	0.7209	0.4737	Non-genic
1	rs631840	T	C	0.5	0.07143	0.2368	ATPAF1
1	rs650298	G	A	0	0.3494	0.2895	FBXO42
1	rs6657480	C	T	0.6935	0.2118	0.2632	EFCAB7
1	rs705551	T	C	0.5781	0.2326	0.3947	Non-genic
1	rs718003	T	C	0.8594	0.3	0.4444	Non-genic
1	rs726865	A	G	0.2031	0.6456	0.5	Non-genic
1	rs728611	G	A	0.7344	0.3155	0.4722	C1orf151
1	rs7513934	G	A	0.01562	0.4884	0.3158	CC2D1B
1	rs7535298	C	T	0.2656	0.641	0.4722	Non-genic
1	rs7535375	C	T	0.04688	0.8198	0.5	LYST
1	rs769163	T	C	0.7344	0.3193	0.5	OLFM3
1	rs787494	C	T	0.4531	0.1506	0.25	Non-genic
1	rs841338	G	A	0.5312	0.02381	0.1944	Non-genic
1	rs855858	C	T	0.6875	0.1419	0.3056	ROR1
1	rs856283	A	G	0.7188	0.2941	0.4211	ROR1
1	rs898658	C	T	0.01562	0.3631	0.2368	SLC9A11
1	rs941031	C	T	0.1094	0.5	0.3684	Non-genic
1	rs945089	C	T	0.0625	0.4756	0.3158	Non-genic
1	rs953035	A	G	0.7812	0.2	0.3684	PSMB2
1	rs966321	T	G	0.125	0.561	0.4211	Non-genic
2	rs1049576 9	A	C	0.4375	0.0814	0.3947	ALK
2	rs1521537	C	T	0.1406	0.7134	0.4474	ERBB4
2	rs905883	C	T	0.5781	0.1974	0.3824	ERBB4
2	rs1857706	T	C	0.4062	0.09259	0.1842	FSHR
2	rs2300437	T	C	0.5938	0.1395	0.2895	FSHR
2	rs1049619 5	C	A	0.07812	0.2529	0.1316	HK2
2	rs1051930 9	T	C	0	0.1824	0.05263	ALMS1
2	rs1049619 1	T	C	0.7656	0.2062	0.4211	ALMS1
2	rs9288163	A	G	0.4375	0.09877	0.1667	COL5A2
2	rs3106796	G	A	0.04688	0.4699	0.1053	COL3A1
2	rs885346	T	G	0.625	0.8547	0.5	SLC20A1
2	rs4851004	T	C	0.7812	0.2195	0.5	IL18R1
2	rs1018328	A	G	0.0625	0.5647	0.25	Non-genic
2	rs1025369	C	T	0.03125	0.4709	0.2105	Non-genic
2	rs1033067	T	C	0.3281	0.8187	0.4706	SPAG16
2	rs1033069	G	A	0.3281	0.8086	0.5	SPAG16

2	rs1047307	A	G	0.1562	0.5203	0.25	CERKL
2	rs10490150	T	C	0.09375	0.3081	0.1579	Non-genic
2	rs10490186	T	C	0.09375	0.4939	0.25	DNER
2	rs10490190	G	A	0.125	0.4939	0.2368	Non-genic
2	rs10490290	G	A	0.125	0.75	0.4062	PARD3B
2	rs10490523	G	A	0.01562	0.4942	0.2368	Non-genic
2	rs10490688	C	A	0.4062	0.8133	0.4643	CERKL
2	rs10490689	A	G	0.5312	0.2324	0.4643	CERKL
2	rs10490708	A	G	0	0.3253	0.1053	LASS6
2	rs10490732	G	T	0.2344	0.5347	0.2105	Non-genic
2	rs10495633	C	T	0.0625	0.4177	0.1579	Non-genic
2	rs10495728	A	G	0.04688	0.2738	0.02632	Non-genic
2	rs10495737	T	C	0.03125	0.506	0.1579	Non-genic
2	rs10495766	C	T	0.3906	0.03488	0.2895	Non-genic
2	rs10495786	C	T	0.01562	0.2907	0.1316	LTBP1
2	rs10495805	T	G	0.04688	0.5116	0.2632	Non-genic
2	rs10496043	A	G	0	0.2035	0.05263	PNPT1
2	rs10496157	T	C	0.01562	0.3187	0.1389	Non-genic
2	rs10496435	A	G	0.03125	0.2824	0.02632	NPHP1
2	rs10496567	G	T	0.2812	0.7349	0.3421	CLASP1
2	rs10496658	T	C	0.4219	0.05233	0.3158	Non-genic
2	rs10496695	G	A	0.2344	0.09524	0.4474	NCKAP5
2	rs10496767	T	C	0.25	0.7529	0.3947	THSD7B
2	rs10496787	C	T	0.6719	0.8861	0.5	Non-genic
2	rs10496841	G	A	0	0.2593	0.07895	LRP1B
2	rs10496849	T	G	0.0625	0.4762	0.2353	LRP1B
2	rs10496858	C	T	0.5938	0.2099	0.4211	LRP1B
2	rs10497192	T	C	0	0.7151	0.2895	ACVR1

2	rs1049741 4	C	T	0.09375	0.3642	0.2222	OLA1
2	rs1049760 8	A	G	0.1562	0.5706	0.3158	Non-genic
2	rs1049761 1	C	T	0.1406	0.5407	0.2895	Non-genic
2	rs1049768 9	T	C	0.1094	0.025	0.2647	Non-genic
2	rs1049776 8	G	A	0.1562	0.1084	0.3611	DNAH7
2	rs1049778 9	G	T	0.1875	0.747	0.3947	CCDC150
2	rs1049786 7	C	T	0.1406	0.6765	0.3684	TRAK2
2	rs1049803 4	C	T	0.4375	0.7882	0.5	Non-genic
2	rs1049804 7	C	T	0.5312	0.1353	0.3421	Non-genic
2	rs1049807 0	A	C	0.2656	0.7	0.4474	Non-genic
2	rs1049808 3	T	C	0.2344	0.6013	0.2941	Non-genic
2	rs1049810 2	A	C	0.01562	0.369	0.1842	Non-genic
2	rs1049826 0	T	C	0	0.4588	0.07895	DIS3L2
2	rs1049826 1	G	A	0.4844	0.08721	0.2895	DIS3L2
2	rs1051462 2	A	C	0.2188	0.5783	0.3684	LASS6
2	rs1051932 7	G	A	0.5469	0.2151	0.4474	Non-genic
2	rs1074282	T	G	0	0.25	0.02632	Non-genic
2	rs1343822	G	T	0.3125	0.6753	0.3235	Non-genic
2	rs1344600	C	T	0.03125	0.564	0.2368	TMEM169
2	rs1357157	G	A	0	0.6412	0.2222	Non-genic
2	rs1357851	T	C	0.01562	0.3588	0.1842	Non-genic
2	rs1365810	T	C	0.5	0.1765	0.3684	Non-genic
2	rs1366842	A	C	0.0625	0.5549	0.1667	ZNF804A
2	rs1367160	A	C	0.0625	0.3478	0.07143	Non-genic
2	rs1371427	G	A	0.4062	0.7647	0.5	Non-genic
2	rs1399959	T	C	0.25	0.6512	0.4211	Non-genic
2	rs1435852	G	A	0.6094	0.1395	0.4211	Non-genic
2	rs1453175	T	C	0	0.1765	0.02632	Non-genic
2	rs1456572	T	C	0.07812	0.6919	0.2632	Non-genic
2	rs1470494	C	A	0.01562	0.1776	0.02778	Non-genic
2	rs1470524	G	A	0.1875	0.6686	0.4211	Non-genic
2	rs1481374	G	A	0.4688	0.2375	0.3611	Non-genic
2	rs1508063	C	T	0.3438	0.06395	0.2368	Non-genic
2	rs1513831	T	G	0	0.1786	0.02632	Non-genic
2	rs1518635	T	C	0.3281	0.6488	0.2895	Non-genic
2	rs1520086	C	T	0.01562	0.4583	0.1316	Non-genic

2	rs1533388	T	C	0.5156	0.1765	0.3947	Non-genic
2	rs155594	A	G	0.6094	0.1145	0.3684	CYTIP
2	rs155595	A	G	0.6094	0.1105	0.3684	CYTIP
2	rs1559004	C	T	0.2812	0.6301	0.3947	GALNT13
2	rs1564935	T	C	0	0.4244	0.2105	Non-genic
2	rs1582630	G	A	0.4688	0.1105	0.3158	Non-genic
2	rs1643209	C	T	0.04688	0.7561	0.3947	Non-genic
2	rs1704379 4	T	C	0.3594	0.06579	0.2222	Non-genic
2	rs1869829	A	G	0.04688	0.314	0.1316	RAB3GAP1
2	rs1878847	C	T	0.2031	0.9217	0.5	Non-genic
2	rs1901798	T	C	0.03125	0.3547	0.1579	THSD7B
2	rs1902241	C	T	0.1875	0.7469	0.3947	Non-genic
2	rs1912181	T	C	0.5938	0.1603	0.3947	SPAG16
2	rs1914034	T	C	0.07812	0.4471	0.2368	Non-genic
2	rs1947892	G	A	0.2812	0.2468	0.3333	Non-genic
2	rs1986415	A	G	0	0.2892	0.02778	AOX1
2	rs1991315	T	G	0.5469	0.189	0.4	Non-genic
2	rs2014401	T	C	0.5156	0.1173	0.3333	PID1
2	rs2046266	C	A	0.09375	0.5443	0.1944	Non-genic
2	rs2109818	G	A	0.2031	0.5176	0.1579	PID1
2	rs2118381	A	G	0.4219	0.7679	0.4211	Non-genic
2	rs2119090	C	T	0.2812	0.02532	0.2368	Non-genic
2	rs2139246	A	G	0.3906	0.09412	0.2895	MEIS1
2	rs2191590	T	C	0.3281	0.7529	0.5	Non-genic
2	rs2194747	G	A	0.1094	0.5595	0.1944	Non-genic
2	rs2194748	T	C	0.1094	0.4826	0.1316	Non-genic
2	rs2216460	C	A	0.1562	0.7118	0.2632	FAM124B
2	rs2222186	C	T	0.1875	0.7326	0.2632	Non-genic
2	rs2333821	A	G	0.4062	0.08235	0.3421	Non-genic
2	rs2334802	G	A	0.2344	0.6686	0.3684	PARD3B
2	rs2674063	G	T	0.3125	0.6731	0.3438	Non-genic
2	rs2675045	G	A	0.2667	0.6037	0.4211	NUP35
2	rs267992	C	T	0.6406	0.141	0.4167	CYTIP
2	rs2693833	G	A	0.04688	0.4036	0.2105	Non-genic
2	rs2710251	T	C	0.2031	0.6964	0.4474	STK36
2	rs280734	G	A	0.125	0.4444	0.2647	Non-genic
2	rs313289	A	G	0.7188	0.1471	0.4737	Non-genic
2	rs332921	G	A	0.5156	0.1353	0.3421	Non-genic
2	rs350792	T	C	0.1406	0.3988	0.2105	Non-genic
2	rs360235	C	A	0.03125	0.375	0.1579	Non-genic
2	rs3754991	A	G	0.09375	0.5765	0.2895	PDE11A
2	rs3755427	T	C	0.2344	0.6325	0.4211	BAZ2B
2	rs3769154	C	A	0.3594	0.08721	0.3056	-
2	rs3770857	G	A	0	0.3605	0.1579	CRIM1
2	rs3792017	A	C	0.3906	0.07229	0.3056	DYNC2LI1
2	rs3924563	C	T	0.625	0.02976	0.3889	VWC2L
2	rs4233905	C	A	0.2188	0.6607	0.2895	Non-genic
2	rs4321351	G	A	0.04688	0.3598	0.05263	PID1

2	rs4411698	C	T	0.04688	0.3333	0.07895	Non-genic
2	rs4667014	C	T	0.125	0.5412	0.2105	Non-genic
2	rs4848607	G	A	0.2344	0.6294	0.3421	Non-genic
2	rs4893980	C	T	0.2344	0.7169	0.4167	PDE11A
2	rs4952676	G	A	0.1875	0.5407	0.2632	PLEKHH2
2	rs4954126	G	A	0.1562	0.08209	0.2941	MGAT5
2	rs4954265	A	G	0.2969	0.631	0.3333	R3HDM1
2	rs506134	A	G	0.2031	0.3253	0.1842	PRKCE
2	rs6432212	T	C	0.3125	0.7857	0.5	GREB1
2	rs6432214	C	T	0.3125	0.7882	0.5	GREB1
2	rs6434859	G	A	0.2812	0.7378	0.4167	HECW2
2	rs6542461	A	G	0.3125	0.7151	0.4474	Non-genic
2	rs6732952	C	T	0.1719	0.6325	0.3421	Non-genic
2	rs6737535	C	A	0.1719	0.6867	0.4211	Non-genic
2	rs6740690	C	A	0.03125	0.3059	0.07895	Non-genic
2	rs6741304	A	G	0.1719	0.4765	0.1842	Non-genic
2	rs6753354	G	A	0.4219	0.1337	0.3158	-
2	rs6755175	G	A	0.4219	0.09877	0.3158	ITGA6
2	rs6760896	A	G	0.1406	0.8023	0.4474	DIS3L2
2	rs719667	T	C	0.04688	0.5941	0.1842	CHCHD5
2	rs720796	A	C	0.1406	0.6494	0.3684	Non-genic
2	rs721064	G	A	0	0.4464	0.1316	Non-genic
2	rs724710	T	C	0.1875	0.4765	0.07895	BCL2L11
2	rs735436	G	A	0.3594	0.05357	0.2368	MYO3B
2	rs750772	G	A	0.375	0.09036	0.2895	Non-genic
2	rs7574678	C	A	0.1562	0.6646	0.1842	Non-genic
2	rs7575543	T	C	0.4219	0.9085	0.4474	Non-genic
2	rs7576149	T	C	0.3594	0.04938	0.4211	C2orf43
2	rs7578937	A	G	0.5469	0.07595	0.3947	Non-genic
2	rs7583500	C	T	0.1719	0.4444	0.1053	Non-genic
2	rs7597348	G	A	0.2188	0.6667	0.2895	Non-genic
2	rs7608702	G	A	0.5938	0.03049	0.4474	R3HDM1
2	rs763860	T	C	0.4062	0.7403	0.4	CERKL
2	rs842561	A	C	0.4688	0.04706	0.2895	Non-genic
2	rs873153	T	G	0.5781	0.1975	0.4722	Non-genic
2	rs886770	C	A	0.6094	0.08929	0.3684	PKP4
2	rs921322	A	G	0.1094	0.5238	0.1842	PQLC3
2	rs9287422	A	C	0.01562	0.3529	0.1053	GPR39
2	rs9287766	T	C	0.2656	0.6937	0.4211	Non-genic
2	rs9287767	G	A	0.5469	0.1234	0.5	Non-genic
2	rs9288570	A	G	0.6562	0.2917	0.5	EPHA4
2	rs9308697	T	C	0.3125	0.7412	0.5	DPP10
2	rs9308742	G	A	0.2812	0.7471	0.2632	Non-genic
2	rs951629	G	A	0.1406	0.5116	0.1389	Non-genic
2	rs951954	C	T	0.2344	0.9529	0.5	Non-genic
2	rs952203	G	A	0.5	0.1453	0.3684	Non-genic
2	rs957781	A	G	0.1562	0.08235	0.3421	DNAH7
2	rs974260	C	T	0.3438	0.7622	0.4737	Non-genic



2	rs989720	C	T	0.3438	0.6471	0.4474	Non-genic
2	rs995308	G	A	0.625	0.2616	0.4737	Non-genic
2	rs998429	G	T	0.04688	0.2561	0.02632	DPP10
2	rs1048821	T	G	0.6719	0.2976	0.2632	THSD7B
2	rs1049010 5	A	G	0.04688	0.3235	0.2895	Non-genic
2	rs1049017 0	T	C	0.01562	0.2971	0.1667	NRXN1
2	rs1049019 3	A	C	0.01562	0.3494	0.2632	Non-genic
2	rs1049025 1	A	G	0	0.369	0.2105	Non-genic
2	rs1049046 5	A	G	0.0625	0.3779	0.2895	Non-genic
2	rs1049057 7	T	G	0.7656	0.2357	0.3684	Non-genic
2	rs1049567 3	G	A	0.04688	0.3025	0.2059	Non-genic
2	rs1049575 1	C	T	0.375	0.08721	0.1176	Non-genic
2	rs1049604 4	G	T	0.4375	0.05233	0.1842	PNPT1
2	rs1049608 2	T	C	0.5781	0.2118	0.3684	Non-genic
2	rs1049609 1	A	G	0.5	0.1235	0.2368	USP34
2	rs1049611 6	G	T	0.3438	0.075	0.1842	Non-genic
2	rs1049688 2	C	T	0.7969	0.3393	0.4737	LRP1B
2	rs1049703 2	T	C	0.6875	0.2	0.3947	Non-genic
2	rs1049718 7	G	A	0.6406	0.1975	0.3947	Non-genic
2	rs1049728 9	T	G	0.03125	0.2625	0.3947	Non-genic
2	rs1049731 0	G	A	0.5172	0.1765	0.3158	XIRP2
2	rs1049746 6	C	T	0.9062	0.4217	0.3947	Non-genic
2	rs1049770 3	G	A	0.9375	0.5244	0.3947	Non-genic
2	rs1049770 5	C	T	0.1094	0.5058	0.4737	Non-genic
2	rs1049775 9	C	T	0.1094	0.5814	0.3684	Non-genic
2	rs1049812 4	G	A	0.3438	0.04651	0.1316	Non-genic
2	rs1051462 4	C	T	0.4688	0.1795	0.2308	CERKL
2	rs1051591 8	C	T	0	0.2857	0.1579	Non-genic
2	rs1051972 2	G	A	0.8906	0.4535	0.5	Non-genic

2	rs10520176	T	C	0.07812	0.4632	0.4722	Non-genic
2	rs1117907	G	A	0.6094	0.1977	0.2222	Non-genic
2	rs1117908	T	C	0.6094	0.2027	0.2222	Non-genic
2	rs1344242	T	C	0.7656	0.1512	0.3684	Non-genic
2	rs1368909	C	T	0.1094	0.5476	0.4211	CTNNA2
2	rs1371549	T	G	0.04688	0.1988	0.1765	Non-genic
2	rs1379022	C	T	0.2344	0.5181	0.4737	Non-genic
2	rs1380703	G	A	0.07812	0.5062	0.3158	Non-genic
2	rs1432216	T	C	0.04688	0.3647	0.2105	THSD7B
2	rs1437927	A	G	0.6719	0.2744	0.4211	Non-genic
2	rs1443671	G	A	0.7188	0.2849	0.3947	Non-genic
2	rs1452786	A	G	0.01562	0.2763	0.3529	NRXN1
2	rs1474402	G	A	0.1406	0.5655	0.4474	Non-genic
2	rs1510726	C	T	0.04688	0.4059	0.2632	Non-genic
2	rs1527757	A	G	0.03125	0.4383	0.4118	Non-genic
2	rs1533948	G	A	0.5469	0.3095	0.2895	FEZ2
2	rs1561296	C	T	0.1562	0.5353	0.3947	SPATS2L
2	rs1607666	A	G	0.6719	0.2202	0.3684	Non-genic
2	rs1608578	A	G	0.4375	0.1012	0.2368	Non-genic
2	rs1911544	C	T	0.1406	0.5938	0.3684	Non-genic
2	rs2029629	T	C	0.4375	0.2566	0.06667	Non-genic
2	rs2048935	T	C	0.04688	0.3563	0.2105	KIAA1486
2	rs2103127	G	A	0.09375	0.4765	0.4722	Non-genic
2	rs2168024	A	G	0.5156	0.2067	0.2353	CNTNAP5
2	rs2178046	C	T	0.5781	0.1905	0.3684	Non-genic
2	rs2250204	G	A	0.04688	0.4706	0.3947	EPHA4
2	rs2310186	G	T	0.625	0.2093	0.3947	Non-genic
2	rs2320399	G	T	0.1562	0.5309	0.4167	NCKAP5
2	rs232570	T	C	0.09375	0.4471	0.3158	Non-genic
2	rs2363731	T	C	0.2188	0.01765	0.05263	Non-genic
2	rs2421973	G	T	0.5312	0.2176	0.2895	Non-genic
2	rs2718653	A	G	0.04688	0.4882	0.2778	PLEKHM3
2	rs281541	T	C	0.4375	0.1221	0.1316	DOCK10
2	rs2885116	C	T	0.03125	0.4128	0.2632	KIAA1715
2	rs309271	G	T	0.03125	0.4259	0.2632	Non-genic
2	rs343150	A	G	0.04688	0.4244	0.2368	Non-genic
2	rs3754743	T	G	0	0.3412	0.2632	-
2	rs3768730	G	T	0.0625	0.3882	0.3947	EPAS1
2	rs3769583	T	C	0	0.4036	0.2368	TTC27
2	rs3821236	A	G	0.4688	0.1687	0.2632	STAT4
2	rs385909	A	G	0.5312	0.06977	0.2632	Non-genic
2	rs4233816	T	C	0.01562	0.2901	0.3421	Non-genic
2	rs4347829	C	T	0.01562	0.2308	0.1562	Non-genic
2	rs454305	A	G	0.2812	0.6047	0.4474	TGFA
2	rs4848220	A	G	0.07812	0.4826	0.3421	Non-genic
2	rs4849943	A	C	0.6406	0.2733	0.2895	Non-genic
2	rs4894229	C	T	0.625	0.07647	0.2368	Non-genic
2	rs4952535	A	G	0.07812	0.4529	0.3158	Non-genic

2	rs4953032	C	T	0.2188	0.5581	0.3947	LRPPRC
2	rs531864	T	C	0.2188	0.5523	0.4474	NOSTRIN
2	rs6430043	A	G	0.1094	0.4878	0.3684	Non-genic
2	rs6436908	T	C	0.1562	0.5176	0.4211	Non-genic
2	rs6542217	A	G	0.8125	0.2987	0.4474	DPP10
2	rs6545261	G	A	0.2188	0.6013	0.4211	Non-genic
2	rs6707591	A	G	0.8906	0.375	0.5	MGAT5
2	rs6714524	T	C	0.5938	0.1667	0.3611	Non-genic
2	rs6719271	G	A	0.2969	0.05814	0.1579	TCF7L1
2	rs6744417	C	T	0.4844	0.1607	0.2632	VWA3B
2	rs6748458	G	A	0.5	0.1337	0.2895	VWA3B
2	rs6755106	G	A	0.1562	0.561	0.4444	Non-genic
2	rs719736	A	G	0	0.4651	0.2778	Non-genic
2	rs723042	A	G	0.75	0.3488	0.4211	LTBP1
2	rs723504	C	T	0.2812	0.5988	0.4474	Non-genic
2	rs7425925	T	C	0.125	0.6234	0.3824	Non-genic
2	rs7562974	C	T	0.7031	0.3882	0.5	IKZF2
2	rs7599875	C	A	0.03125	0.6375	0.3889	Non-genic
2	rs7602393	T	C	0.7344	0.2651	0.3947	Non-genic
2	rs7607300	A	G	0.8125	0.4412	0.4737	Non-genic
2	rs805365	T	G	0.1719	0.4588	0.3421	PSME4
2	rs805399	A	G	0.1719	0.439	0.3421	PSME4
2	rs843645	G	T	0.0625	0.4647	0.3947	ACYP2
2	rs872288	A	C	0.09375	0.4302	0.2632	PRKCE
2	rs874816	C	T	0.8125	0.25	0.4211	Non-genic
2	rs877123	A	G	0.6562	0.1812	0.2632	Non-genic
2	rs920218	T	C	0.4219	0.07143	0.1579	Non-genic
2	rs9287806	G	A	0.4688	0.1709	0.2941	Non-genic
2	rs9287949	T	C	0.8438	0.2471	0.3947	Non-genic
2	rs9287950	A	C	0.8438	0.2442	0.3947	Non-genic
2	rs9308948	G	A	0.1562	0.4935	0.375	Non-genic
2	rs9309181	T	G	0.2188	0.6802	0.4737	NRXN1
2	rs939425	C	T	0.0625	0.4938	0.4211	NRXN1
2	rs951376	A	G	0.0625	0.4819	0.3	Non-genic
2	rs958396	A	G	0.4688	0.1772	0.1111	DPP10
2	rs958790	G	T	0.75	0.2209	0.4737	Non-genic
2	rs964864	A	G	0.5469	0.1786	0.3125	Non-genic
2	rs966391	G	A	0	0.3095	0.1667	Non-genic
2	rs966414	G	A	0.5	0.1221	0.2632	Non-genic
3	rs746875	T	C	0.4844	0.09494	0.3235	THR3
3	rs1153606	G	A	0.4844	0.1607	0.3684	RARB
3	rs1299407	G	A	0.2188	0.6548	0.2895	RARB
3	rs1391950	T	C	0.1406	0.4709	0.1053	GRM7
3	rs779708	G	A	0.04688	0.3976	0.1053	GRM7
3	rs984123	T	C	0.4219	0.06875	0.2778	GRM7
3	rs1051036 6	A	G	0.6094	0.1437	0.2632	GRM7
3	rs2122417	T	C	0.4062	0.06395	0.1579	GRM7
3	rs1877960	A	G	0.1562	0.6395	0.3947	LARS2

3	rs6763887	T	C	0.0625	0.3118	0.07895	IGF2BP2
3	rs1010471	G	A	0.1094	0.4817	0.2105	FXR1
3	rs1039027	A	G	0.01562	0.5	0.125	FNDC3B
3	rs1051022 9	T	G	0.01562	0.1524	0.05556	CNTN4
3	rs1051032 7	G	A	0	0.09211	0.02778	Non-genic
3	rs1051033 1	G	T	0.07812	0.2941	0.02632	Non-genic
3	rs1051046 5	G	A	0.375	0.02976	0.2895	Non-genic
3	rs1051052 1	C	A	0.2344	0.6937	0.3158	Non-genic
3	rs1051059 2	G	A	0.1719	0.3824	0.07895	NEK10
3	rs1051101 7	C	T	0.0625	0.1728	0.02941	FOXP1
3	rs1051102 2	T	C	0.2344	0.744	0.3158	Non-genic
3	rs1051102 7	G	T	0	0.375	0.1579	Non-genic
3	rs1051105 1	C	A	0.0625	0.4103	0.1579	Non-genic
3	rs1051106 1	T	C	0.5	0.1467	0.3333	Non-genic
3	rs1051110 8	C	T	0.09375	0.2143	0.05263	Non-genic
3	rs1051111 9	T	C	0.1875	0.4942	0.2895	Non-genic
3	rs1051115 3	C	A	0	0.3704	0.1667	Non-genic
3	rs1051124 9	A	C	0.4688	0.1513	0.3947	Non-genic
3	rs1051130 8	T	C	0.07812	0.3869	0.1842	SLC9A10
3	rs1051133 0	C	T	0.5156	0.075	0.3529	ZBTB20
3	rs1051296 7	G	A	0.4531	0.1265	0.3529	Non-genic
3	rs1051297 5	C	T	0.09375	0.593	0.1842	Non-genic
3	rs1051311 2	G	A	0.03125	0.6071	0.2895	CLSTN2
3	rs1051327 4	A	C	0.03125	0.4458	0.1579	Non-genic
3	rs1051333 3	G	A	0.0625	0.4275	0.1176	Non-genic
3	rs1051343 2	C	T	0.4531	0.1337	0.3421	Non-genic
3	rs1051348 6	T	C	0.25	0.6163	0.3158	KCNAB1
3	rs1051353 4	G	T	0.01562	0.5793	0.2632	IQCJ
3	rs1051365	A	G	0	0.1176	0	Non-genic

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3	rs1051375 6	T	C	0	0.3052	0.1316	Non-genic
3	rs1051376 7	A	G	0.2344	0.09524	0.4474	Non-genic
3	rs1051382 9	G	A	0.09375	0.5412	0.1842	LPP
3	rs1112792	C	T	0.4844	0.7115	0.3235	Non-genic
3	rs1158143	T	C	0.6875	0.1726	0.4474	SNTN
3	rs1351865	G	A	0.2812	0.5412	0.2368	Non-genic
3	rs1372398	C	T	0.07812	0.4937	0.1842	Non-genic
3	rs1383407	C	T	0.01562	0.6456	0.2632	ROBO1
3	rs1391961	A	G	0.125	0.4337	0.1842	Non-genic
3	rs1392326	T	C	0.1406	0.7857	0.1667	Non-genic
3	rs1392702	C	T	0.09375	0.4882	0.2632	ARHGEF3
3	rs1398101	G	T	0.4844	0.1131	0.3421	CMTM8
3	rs1402229	C	T	0.03125	0.5353	0.2368	Non-genic
3	rs1449287	T	C	0.2969	0.04762	0.3421	RBMS3
3	rs1479139	T	C	0.01562	0.4936	0.2308	Non-genic
3	rs1488745	G	T	0.09375	0.4819	0.2105	Non-genic
3	rs1497418	A	G	0.6094	0.06962	0.4118	Non-genic
3	rs1500415	T	C	0.4219	0.8012	0.4688	Non-genic
3	rs1515442	T	C	0.1875	0.6145	0.3056	SPATA16
3	rs1531913	C	A	0.1562	0.5179	0.3158	Non-genic
3	rs155896	C	A	0.1406	0.4444	0.2059	CNTN6
3	rs1559796	G	A	0.2031	0.7907	0.4444	CLSTN2
3	rs1619451	G	A	0.6406	0.2108	0.4737	LSAMP
3	rs1695183	A	G	0.5312	0.843	0.4444	UBE2E2
3	rs1707691	A	G	0.2656	0.6768	0.3056	Non-genic
3	rs171239	C	T	0.09375	0.3471	0.1053	Non-genic
3	rs1851236	A	G	0	0.2778	0.07895	Non-genic
3	rs1873008	A	G	0.3438	0.8647	0.3421	Non-genic
3	rs1873038	C	T	0.1094	0.4244	0.1316	NLGN1
3	rs1874952	G	A	0.1562	0.6163	0.3158	KCNAB1
3	rs1875517	A	G	0.2031	0.4932	0.2941	Non-genic
3	rs1878007	A	G	0.01562	0.2222	0.02778	SPATA16
3	rs1931170	T	C	0.4219	0.09375	0.3056	NAALADL2
3	rs1992093	G	A	0.2812	0.7412	0.2632	C3orf58
3	rs2047370	G	A	0.03125	0.4054	0.08333	Non-genic
3	rs2052760	A	C	0.2188	0.7294	0.4211	Non-genic
3	rs2077774	C	A	0.07812	0.5685	0.08333	FHIT
3	rs2129824	T	C	0.4688	0.157	0.3421	Non-genic
3	rs2132599	G	T	0.4688	0.1176	0.3158	Non-genic
3	rs2141621	G	A	0.1406	0.4529	0.1579	Non-genic
3	rs2173461	C	A	0	0.25	0.05263	UBE2E2
3	rs2178419	A	G	0.5781	0.07229	0.4211	Non-genic
3	rs2196302	A	G	0.04688	0.3598	0.08333	Non-genic
3	rs2241330	T	C	0.2656	0.858	0.4211	Non-genic
3	rs2293171	T	C	0.1562	0.6667	0.3158	FOXP1

3	rs2365054	A	C	0	0.2381	0.1053	FHIT
3	rs2399009	C	T	0.7031	0.03529	0.3947	Non-genic
3	rs2588359	G	A	0.4375	0.08235	0.2895	LRRN1
3	rs2600306	T	C	0.03125	0.343	0.07895	CNTN4
3	rs2619566	A	G	0.375	0.6875	0.1842	CNTN4
3	rs2626479	G	A	0.5	0.1706	0.3684	Non-genic
3	rs2717302	A	G	0.4375	0.1118	0.3947	Non-genic
3	rs280128	A	G	0.4531	0.1588	0.4737	Non-genic
3	rs281811	T	C	0.3281	0.6471	0.3611	Non-genic
3	rs2863381	C	T	0	0.494	0.1316	Non-genic
3	rs2895250	G	A	0.5469	0.25	0.4474	Non-genic
3	rs295433	T	C	0.1406	0.3133	0.1389	KLHL18
3	rs304051	T	C	0.2656	0.6279	0.2895	ITPR1
3	rs3106818	C	A	0.01562	0.2892	0.1053	MECOM
3	rs322695	A	G	0.01562	0.3025	0.05556	Non-genic
3	rs323629	A	C	0.0625	0.657	0.2895	Non-genic
3	rs345585	G	T	0.3125	0.7733	0.4333	Non-genic
3	rs35883	A	G	0.3125	0.6105	0.2105	RBMS3
3	rs360889	A	G	0.6562	0.1607	0.4737	Non-genic
3	rs3805021	C	A	0.07812	0.3488	0.07895	ITPR1
3	rs3911498	A	G	0.07812	0.1765	0.05263	ZNF385D
3	rs3916092	A	G	0.5781	0.0814	0.4737	EFHB
3	rs3920230	C	T	0.04688	0.3827	0.2105	PLSCR4
3	rs4131907	T	C	0.2969	0.09722	0.3235	Non-genic
3	rs4277695	C	T	0.01562	0.3782	0.1389	FAM19A1
3	rs4857258	C	T	0.375	0.08025	0.3158	EPHA6
3	rs582288	C	T	0.5312	0.09412	0.3824	KALRN
3	rs6437907	T	G	0.4688	0.1266	0.3235	Non-genic
3	rs6443552	T	C	0.4688	0.09524	0.4474	KCNMB2
3	rs6549127	T	C	0.2812	0.3086	0.1176	FAM19A1
3	rs6549877	A	G	0.4688	0.1607	0.4722	Non-genic
3	rs676290	C	T	0.09375	0.6488	0.2222	LAMP3
3	rs6780053	A	G	0.2969	0.7349	0.4211	MED12L
3	rs6803199	C	T	0.2344	0.6446	0.4211	CACNA2D3
3	rs698099	G	A	0.5938	0.1412	0.3684	MASP1
3	rs704275	G	A	0.01562	0.5349	0.2632	Non-genic
3	rs709086	C	T	0.04688	0.2976	0.0625	Non-genic
3	rs711673	C	T	0.03125	0.4059	0.1842	Non-genic
3	rs711674	A	G	0.03125	0.4059	0.1842	Non-genic
3	rs718424	T	C	0.07812	0.5542	0.2368	Non-genic
3	rs725382	A	G	0.3281	0.7566	0.4706	Non-genic
3	rs725542	A	G	0.5312	0.3	0.4615	Non-genic
3	rs732190	T	G	0.4062	0.1163	0.4474	Non-genic
3	rs7431865	A	G	0.03125	0.3824	0.1053	CNTN4
3	rs75239	A	G	0.1094	0.525	0.1944	Non-genic
3	rs7617449	C	T	0.5312	0.9217	0.4737	Non-genic
3	rs7637342	C	A	0.6406	0.2529	0.4474	PLCH1
3	rs764129	C	T	0.07812	0.5988	0.25	Non-genic

3	rs7642017	C	T	0.2812	0.625	0.3333	FHIT
3	rs7646338	A	G	0	0.2326	0.05263	TNIK
3	rs765461	G	T	0.03125	0.3253	0.1579	Non-genic
3	rs780373	C	T	0.3281	0.7683	0.3611	Non-genic
3	rs784502	G	A	0.2031	0.5988	0.3158	Non-genic
3	rs812368	G	A	0.5781	0.1829	0.4474	ZXDC
3	rs861092	G	A	0.6719	0.2733	0.4737	Non-genic
3	rs9290864	A	G	0.1094	0.5529	0.2632	Non-genic
3	rs9309886	T	G	0.5938	0.1341	0.4211	Non-genic
3	rs9311046	G	A	0.1094	0.5952	0.1579	Non-genic
3	rs9311149	C	A	0.3281	0.7791	0.3947	EPM2AIP1
3	rs9311542	A	G	0.1406	0.3171	0.2105	Non-genic
3	rs934448	T	C	0.1406	0.4588	0.2368	Non-genic
3	rs939832	G	T	0.625	0.175	0.4737	Non-genic
3	rs940050	T	C	0.3125	0.8688	0.4167	KCNAB1
3	rs9422	G	T	0.1562	0.6395	0.2632	MYLK
3	rs953239	C	A	0.6406	0.2035	0.4444	TRPC1
3	rs953641	G	A	0.6094	0.1341	0.4412	PLS1
3	rs956053	A	G	0.01562	0.3631	0.1053	Non-genic
3	rs958383	T	C	0.1562	0.6012	0.2632	Non-genic
3	rs959132	C	T	0	0.4759	0.1579	Non-genic
3	rs988987	A	G	0.03125	0.3605	0.1316	Non-genic
3	rs1039673	C	T	0.7188	0.4103	0.3235	CADPS
3	rs1051024 3	G	A	0.375	0.09412	0.1053	CNTN4
3	rs1051057 7	T	C	0.5781	0.1529	0.25	Non-genic
3	rs1051095 3	G	A	0.0625	0.4524	0.3421	SLC25A26
3	rs1051095 6	C	T	0.6406	0.06395	0.3421	LRIG1
3	rs1051119 4	T	C	0.375	0.1037	0.02632	Non-genic
3	rs1051134 1	C	T	0.3594	0.07407	0.2105	ZBTB20
3	rs1051138 2	G	T	0.4062	0.125	0.1053	B4GALT4
3	rs1051263 6	G	A	0.3125	0.05814	0.1316	SLC12A8
3	rs1051311 1	G	A	0.3125	0.04651	0.07895	CLSTN2
3	rs1051370 3	G	T	0.09375	0.5357	0.3158	Non-genic
3	rs1356609	G	A	0.03125	0.3623	0.3333	Non-genic
3	rs1372555	C	A	0.0625	0.4881	0.3421	KCNH8
3	rs1387161	C	T	0.01562	0.4333	0.3	Non-genic
3	rs1387870	G	A	0.1094	0.5529	0.3684	Non-genic
3	rs1453262	T	G	0.4062	0.1337	0.2222	COL6A5
3	rs1470400	C	A	0.4062	0.07647	0.2105	SEMA5B
3	rs1478067	T	C	0.03125	0.3953	0.2368	ZNF385D
3	rs1485730	G	T	0.4844	0.04762	0.1389	FHIT

3	rs1489024	G	A	0.7969	0.1824	0.4737	Non-genic
3	rs1499498	T	C	0.5781	0.1205	0.1389	MAGI1
3	rs1500711	C	T	0.03125	0.4038	0.3667	Non-genic
3	rs1502762	G	A	0.8125	0.2917	0.5	MCCC1
3	rs1504294	T	G	0.5312	0.1905	0.2895	Non-genic
3	rs1565960	A	G	0.5	0.1392	0.3056	ULK4
3	rs1568983	T	C	0.4844	0.1294	0.2368	CACNA2D3
3	rs1581413	C	T	0.04688	0.5294	0.2895	VEPH1
3	rs1587672	G	A	0	0.2597	0.3571	Non-genic
3	rs1598997	C	T	0.4062	0.08553	0.1471	MYRIP
3	rs161927	G	A	0.4667	0.1234	0.1471	Non-genic
3	rs1844850	G	A	0.01562	0.5625	0.2895	Non-genic
3	rs1846466	G	T	0.5781	0.1139	0.3235	CNTN6
3	rs1900860	G	A	0.01562	0.4605	0.4286	SCHIP1
3	rs1915337	A	G	0.03125	0.2071	0.3571	Non-genic
3	rs1973804	C	T	0.1719	0.5647	0.3947	Non-genic
3	rs1993802	C	T	0.7812	0.1802	0.3158	Non-genic
3	rs1997463	G	A	0.7344	0.216	0.3421	CACNA2D3
3	rs2017409	A	G	0.5938	0.1529	0.2632	Non-genic
3	rs2219779	C	T	0.01562	0.363	0.1944	Non-genic
3	rs2263039	C	T	0.03125	0.5417	0.3158	Non-genic
3	rs2289506	T	C	0	0.358	0.2632	NIT2
3	rs2352734	C	T	0.04688	0.4826	0.2895	Non-genic
3	rs2360958	T	C	0.1562	0.6188	0.4737	Non-genic
3	rs2360959	C	A	0.1562	0.6221	0.4737	Non-genic
3	rs285317	C	T	0.7656	0.1908	0.2308	Non-genic
3	rs285321	A	C	0.7344	0.1728	0.3929	Non-genic
3	rs285322	G	A	0.7656	0.1588	0.3125	Non-genic
3	rs300994	A	G	0.5312	0.0407	0.2105	Non-genic
3	rs333335	G	A	0.1406	0.5523	0.3611	KALRN
3	rs350658	G	A	0.6406	0.2733	0.3421	Non-genic
3	rs3773195	A	G	0	0.3608	0.2353	ROBO1
3	rs3849513	T	C	0.125	0.6628	0.4444	Non-genic
3	rs3914117	G	A	0.2031	0.6447	0.4412	Non-genic
3	rs39693	C	A	0.7344	0.314	0.3947	Non-genic
3	rs4955768	G	A	0.4062	0.07927	0.1316	TNIK
3	rs524438	A	G	0.6406	0.2375	0.3684	Non-genic
3	rs601032	G	A	0	0.3155	0.1842	FAIM
3	rs6419833	C	A	0.625	0.2849	0.4474	ITGA9
3	rs6782678	T	G	0.5781	0.09302	0.2105	MAGI1
3	rs6785590	C	A	0.5469	0.08025	0.1765	Non-genic
3	rs717706	A	C	0.0625	0.4217	0.2895	Non-genic
3	rs719278	A	G	0.09375	0.4398	0.3421	EPHA6
3	rs721912	C	T	0.2188	0.6706	0.4474	TNIK
3	rs727476	T	G	0.1875	0.6205	0.5	FHIT
3	rs727763	G	A	0	0.4186	0.2105	Non-genic
3	rs792747	C	T	0.5156	0.175	0.3421	Non-genic
3	rs853256	G	A	0.625	0.2055	0.25	Non-genic



3	rs918220	G	A	0.75	0.1512	0.4474	DGKG
3	rs9283631	T	C	0.375	0.08721	0.1579	Non-genic
3	rs9289046	C	T	0.1094	0.5732	0.3684	LSAMP
3	rs9289047	A	G	0.09375	0.539	0.3684	LSAMP
3	rs9289152	T	C	0.7188	0.253	0.4474	Non-genic
3	rs9311274	C	T	0.2031	0.5256	0.4737	ULK4
3	rs9311951	G	T	0.4531	0.1386	0.1842	MAGI1
3	rs935519	A	G	0.5312	0.1706	0.2895	SLC9A9
3	rs953479	C	A	0	0.2711	0.2647	FHIT
3	rs953480	C	T	0	0.2711	0.25	FHIT
3	rs959960	T	C	0.01562	0.5	0.2632	Non-genic
3	rs960353	T	C	0.6875	0.3036	0.3421	Non-genic
3	rs967331	T	C	0.5	0.2384	0.2368	Non-genic
3	rs967963	C	T	0.125	0.5058	0.3421	Non-genic
4	rs1352844	T	C	0.1719	0.2125	0.1842	GC
4	rs1897814	T	C	0.0625	0.4702	0.2059	ADAMTS3
4	rs4129733	G	T	0.01562	0.3571	0.1389	NPFFR2
4	rs972072	T	G	0.2969	0.628	0.2895	GNRHR
4	rs1051812 8	G	T	0.5312	0.1429	0.2632	BTC
4	rs6828922	T	C	0.6719	0.1159	0.3158	GNRHR
4	rs1008277	C	T	0.2188	0.5118	0.2895	TEC
4	rs1019947	T	C	0	0.2558	0.02632	Non-genic
4	rs1036342	G	A	0.625	0.3059	0.4737	Non-genic
4	rs1048885 3	G	A	0.5469	0.05233	0.3158	Non-genic
4	rs1048896 8	A	G	0	0.1647	0.02632	Non-genic
4	rs1048906 4	A	C	0.625	0.1919	0.4118	Non-genic
4	rs1048906 6	A	G	0.4219	0.02326	0.3158	Non-genic
4	rs1048908 5	A	G	0	0.3779	0.1053	Non-genic
4	rs1051625 9	T	C	0.25	0.48	0.25	Non-genic
4	rs1051631 8	T	G	0.7031	0.2048	0.4737	Non-genic
4	rs1051644 1	A	G	0	0.2866	0.08824	Non-genic
4	rs1051654 6	A	G	0.2969	0.7222	0.4737	Non-genic
4	rs1051666 8	G	A	0.4688	0.75	0.4211	Non-genic
4	rs1051667 4	C	T	0.4688	0.08721	0.2895	ENOPH1
4	rs1051668 3	G	A	0.25	0.8256	0.4211	Non-genic
4	rs1051682 7	T	C	0	0.1686	0.05263	FAM13A
4	rs1051685 8	A	G	0.01562	0.3951	0.1053	Non-genic

4	rs10516905	G	A	0.3594	0.06024	0.2368	Non-genic
4	rs10516963	T	C	0.09375	0.4167	0.2105	UNC5C
4	rs10517099	A	C	0.2188	0.01744	0.1842	Non-genic
4	rs10517161	G	A	0.1875	0.4819	0.2632	Non-genic
4	rs10517309	T	C	0.01562	0.7338	0.3611	Non-genic
4	rs10517676	C	T	0.04688	0.7558	0.3947	Non-genic
4	rs10517809	C	T	0.4844	0.04878	0.3889	Non-genic
4	rs10517923	A	G	0.04688	0.4578	0.25	Non-genic
4	rs10518470	G	A	0	0.247	0.05263	Non-genic
4	rs10518628	C	T	0.09375	0.6027	0.1875	Non-genic
4	rs10519397	A	C	0	0.2051	0.07692	Non-genic
4	rs1072389	T	C	0.01562	0.3824	0.1579	MTHFD2L
4	rs1154956	A	G	0.4844	0.1765	0.4737	Non-genic
4	rs1160368	G	A	0.3281	0.6882	0.4737	Non-genic
4	rs12644496	C	T	0.1406	0.6829	0.3947	SH3D19
4	rs1328925	T	C	0.1875	0.7151	0.2895	Non-genic
4	rs1344017	A	G	0.5781	0.2083	0.4474	Non-genic
4	rs1364831	G	T	0.5156	0.1914	0.4444	Non-genic
4	rs1369353	C	T	0.3906	0.7651	0.4118	LNX1
4	rs1375989	G	T	0.04688	0.3704	0.1316	Non-genic
4	rs1380000	T	G	0.2031	0.525	0.1579	Non-genic
4	rs1387993	G	A	0.01562	0.5407	0.1579	Non-genic
4	rs1394999	T	G	0.125	0.6883	0.3235	Non-genic
4	rs1395477	T	C	0.2344	0.6118	0.2105	Non-genic
4	rs1400772	C	T	0	0.253	0.08333	PROM1
4	rs1401535	T	C	0	0.4313	0.1579	Non-genic
4	rs1441716	C	T	0.125	0.2798	0.05263	Non-genic
4	rs1459744	T	C	0.4531	0.006173	0.3421	DCLK2
4	rs1466516	C	T	0.1719	0.4702	0.1579	Non-genic
4	rs1480303	G	A	0.5625	0.09146	0.3421	Non-genic
4	rs1483748	A	G	0	0.3155	0.1389	UNC5C
4	rs1510791	T	C	0.3281	0.5897	0.2812	Non-genic
4	rs1512970	T	C	0.07812	0.4821	0.1842	Non-genic
4	rs1532358	A	G	0.3906	0.7733	0.3947	Non-genic
4	rs1545330	C	T	0.125	0.5723	0.2368	Non-genic
4	rs1567396	G	A	0.4062	0.7824	0.4474	Non-genic
4	rs1596248	C	T	0.2656	0.7805	0.4211	Non-genic
4	rs1843486	T	G	0.4531	0.04268	0.3684	Non-genic
4	rs1874238	A	C	0.5	0.1026	0.3421	Non-genic

4	rs1878989	T	C	0.03125	0.3875	0.05556	Non-genic
4	rs1880716	A	G	0	0.5116	0.2368	SCD5
4	rs1986432	G	A	0.3594	0.7222	0.4722	Non-genic
4	rs1995960	A	G	0.03125	0.537	0.1667	Non-genic
4	rs1996886	T	C	0.3906	0.7831	0.4737	Non-genic
4	rs2036153	A	C	0.01562	0.6012	0.2632	FAM190A
4	rs2089509	A	G	0.25	0.5465	0.3421	TEC
4	rs2089510	G	T	0.5156	0.1919	0.3947	TEC
4	rs2114009	T	C	0.3594	0.7531	0.4474	Non-genic
4	rs2135615	A	C	0.0625	0.4412	0.1579	Non-genic
4	rs2163276	C	T	0.01562	0.2202	0.07895	TMEM156
4	rs2200257	A	G	0.5156	0.1667	0.3421	GALNTL6
4	rs2284659	G	T	0.03125	0.494	0.2105	Non-genic
4	rs230	C	T	0.1094	0.631	0.3611	GALNTL6
4	rs2320331	T	C	0.3125	0.7941	0.4722	Non-genic
4	rs2333251	T	C	0.3594	0.7849	0.4737	GPM6A
4	rs2345275	T	C	0.01562	0.7722	0.3421	Non-genic
4	rs2389508	T	C	0.5156	0.05357	0.3611	NDST3
4	rs2406756	A	G	0.1562	0.5291	0.2778	Non-genic
4	rs2420161	T	C	0.4531	0.7529	0.3684	Non-genic
4	rs242596	T	C	0.6406	0.936	0.4737	EMCN
4	rs2472649	G	A	0.0625	0.7321	0.2895	Non-genic
4	rs2627813	T	C	0.03125	0.4588	0.2368	INPP4B
4	rs2635429	T	C	0	0.4176	0.1579	INPP4B
4	rs2653824	C	T	0.5968	0.1296	0.4737	GALNTL6
4	rs298924	A	C	0.4375	0.7798	0.3684	Non-genic
4	rs309770	A	G	0.3281	0.06548	0.2368	Non-genic
4	rs3108397	A	G	0.25	0.6471	0.3158	Non-genic
4	rs354875	A	G	0.4062	0.03529	0.2895	STAP1
4	rs355689	T	C	0.4375	0.8293	0.4737	CXCL13
4	rs3860691	A	G	0	0.3916	0.1389	Non-genic
4	rs3923243	T	C	0.2188	0.6294	0.3421	Non-genic
4	rs3924787	T	C	0.1406	0.5476	0.2632	Non-genic
4	rs4128296	C	T	0.04688	0.3953	0.1053	Non-genic
4	rs4129319	T	C	0.5625	0.2118	0.4474	SPARCL1
4	rs4132743	C	T	0.1562	0.6807	0.2895	Non-genic
4	rs4690816	C	T	0.6094	0.08442	0.4412	CPE
4	rs4692931	T	C	0.03125	0.5	0.1316	DDX60L
4	rs516224	G	A	0.125	0.7	0.3889	Non-genic
4	rs6532197	G	A	0.3906	0.08642	0.2778	Non-genic
4	rs6552560	T	C	0.4062	0.06395	0.3684	ODZ3
4	rs6553603	A	G	0.5156	0.1964	0.4737	GALNTL6
4	rs6820369	G	A	0.6094	0.1131	0.4474	UNC5C
4	rs6829573	G	A	0.03125	0.2647	0.05556	Non-genic
4	rs6855004	G	A	0.2188	0.6901	0.4167	Non-genic
4	rs717253	C	T	0.3438	0.6706	0.3056	Non-genic
4	rs720257	G	A	0.2344	0.8274	0.4722	Non-genic
4	rs726111	A	G	0.01562	0.5765	0.2895	Non-genic

4	rs728170	C	T	0	0.4157	0.1316	Non-genic
4	rs751104	T	G	0.01562	0.4353	0.2105	Non-genic
4	rs7657187	C	T	0.4062	0.01829	0.2368	Non-genic
4	rs7658517	C	T	0.4844	0.2115	0.4167	Non-genic
4	rs7658791	A	C	0.04688	0.3642	0.1944	Non-genic
4	rs7668405	G	A	0.1562	0.6369	0.3158	Non-genic
4	rs7670292	A	G	0.6562	0.1453	0.4211	DCLK2
4	rs7673537	C	T	0.1562	0.7151	0.4167	Non-genic
4	rs7678820	C	T	0.4688	0.07738	0.3421	Non-genic
4	rs7679666	G	A	0.01562	0.4634	0.2368	Non-genic
4	rs7692514	A	G	0.2188	0.1076	0.4118	Non-genic
4	rs883617	G	A	0.4219	0.1402	0.4474	Non-genic
4	rs890597	G	A	0.04688	0.1948	0.1176	Non-genic
4	rs921113	A	C	0.8125	0.1143	0.4722	ARHGEF38
4	rs9307261	A	G	0.5	0.2012	0.4211	Non-genic
4	rs9307579	A	C	0.09375	0.2067	0.06667	Non-genic
4	rs9312517	G	A	0.2969	0.01744	0.1842	SPOCK3
4	rs9328764	A	G	0.5625	0.1941	0.4737	POLN
4	rs950950	C	T	0.07812	0.5118	0.2368	Non-genic
4	rs951085	T	G	0.3281	0.7045	0.3214	Non-genic
4	rs951530	C	T	0.1719	0.506	0.3158	Non-genic
4	rs984696	T	C	0.125	0.4815	0.2222	TTC29
4	rs1037644	A	G	0.4531	0.1163	0.1842	Non-genic
4	rs1048421 4	T	C	0.1406	0.5581	0.4737	Non-genic
4	rs1048882 9	G	A	0.5625	0.1012	0.1579	Non-genic
4	rs1048886 4	A	G	0.5781	0.08434	0.2368	Non-genic
4	rs1048886 5	T	C	0.3438	0.1543	0.1944	Non-genic
4	rs1048895 9	C	T	0.5938	0.1084	0.1316	CAMK2D
4	rs1048902 7	G	A	0.1562	0.4824	0.3947	Non-genic
4	rs1049431 7	T	C	0.8387	0.5882	0.5	Non-genic
4	rs1051617 0	T	C	0.2969	0.0814	0.08824	Non-genic
4	rs1051631 9	G	T	0.3125	0.07143	0.1579	Non-genic
4	rs1051669 6	A	G	0.7031	0.1037	0.3056	Non-genic
4	rs1051674 8	C	T	0.75	0.2025	0.4737	Non-genic
4	rs1051677 0	A	C	0.5312	0.1341	0.1316	MAPK10
4	rs1051685 3	T	C	0.625	0.05	0.2917	MMRN1
4	rs1051688 6	T	C	0.04688	0.3875	0.2188	Non-genic
4	rs1051704	C	T	0.625	0.2289	0.4211	Non-genic

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4	rs1051714 4	G	T	0	0.2697	0.1471	Non-genic
4	rs1051727 2	T	G	0.4219	0.07558	0.1316	Non-genic
4	rs1051731 3	G	A	0.75	0.1386	0.3889	Non-genic
4	rs1051732 4	A	G	0.04688	0.3571	0.3056	Non-genic
4	rs1051740 7	C	A	0	0.3333	0.1842	Non-genic
4	rs1051743 5	C	T	0.75	0.2831	0.4211	Non-genic
4	rs1051754 9	G	T	0.1406	0.4231	0.3947	LPHN3
4	rs1051759 6	T	C	0.5781	0.2024	0.2895	Non-genic
4	rs1051765 5	C	T	0.07812	0.4615	0.3158	PDGFC
4	rs1051780 0	T	C	0.5312	0.1588	0.1053	Non-genic
4	rs1051781 0	A	C	0.7969	0.1951	0.4444	Non-genic
4	rs1051788 4	G	A	0.1719	0.7024	0.5	TECRL
4	rs1051789 9	T	C	0.1875	0.5465	0.3684	Non-genic
4	rs1051800 6	T	C	0.7188	0.3434	0.4	PALLD
4	rs1051814 2	T	G	0	0.4302	0.3158	NAAA
4	rs1051817 0	G	A	0.4062	0.08929	0.2222	Non-genic
4	rs1051821 1	T	C	0	0.3471	0.2353	Non-genic
4	rs1051821 4	C	T	0.75	0.1131	0.4211	Non-genic
4	rs1051850 2	G	T	0	0.2857	0.2105	Non-genic
4	rs1051937 1	G	T	0.1406	0.4744	0.4444	Non-genic
4	rs1051942 5	A	G	0.5156	0.06548	0.2895	Non-genic
4	rs1052010 1	G	A	0.7167	0.3313	0.4737	SH3D19
4	rs1052010 2	G	A	0.7031	0.3434	0.4737	SH3D19
4	rs1052025 5	T	C	0.5781	0.2095	0.3333	GALNT7
4	rs1052027 3	C	T	0.2344	0.6173	0.4737	Non-genic
4	rs1052050 1	T	G	0.1094	0.4882	0.3421	Non-genic
4	rs1112857	C	T	0.01562	0.3869	0.2895	Non-genic

4	rs1350027	A	G	0.0625	0.4096	0.2632	Non-genic
4	rs1353624	T	C	0	0.3544	0.3158	INPP4B
4	rs1372156	C	A	0.8594	0.256	0.3947	Non-genic
4	rs1380163	G	A	0.4375	0.0407	0.1562	SYNPO2
4	rs1388935	C	T	0.6875	0.3081	0.3947	ZFP42
4	rs1390994	G	A	0.03125	0.7857	0.4737	INPP4B
4	rs1442173	T	C	0.6562	0.2083	0.3529	Non-genic
4	rs1490579	G	A	0.4844	0.02941	0.1111	Non-genic
4	rs1501158	C	A	0.09375	0.5176	0.3684	Non-genic
4	rs1514733	T	C	0.5938	0.2176	0.3158	FAM190A
4	rs1516689	A	G	0.6406	0.2733	0.3684	Non-genic
4	rs1546716	G	A	0.8281	0.1802	0.3158	MAML3
4	rs178724	G	A	0.0625	0.5588	0.4211	SGCB
4	rs1808870	C	A	0.5938	0.2338	0.2667	Non-genic
4	rs1897763	T	C	0.4844	0.1173	0.2778	Non-genic
4	rs1898593	T	G	0.4688	0.1325	0.1667	CPE
4	rs2046463	G	A	0.8281	0.2262	0.3947	VEGFC
4	rs2071486	T	C	0.75	0.3256	0.4474	CCNA2
4	rs207699	A	C	0.5938	0.08333	0.3056	LDB2
4	rs2129267	T	C	0.7031	0.4036	0.2895	Non-genic
4	rs2132339	G	A	0.5625	0.0814	0.2895	GPM6A
4	rs2221618	T	C	0.2969	0.6471	0.4737	Non-genic
4	rs2251152	A	G	0.1719	0.6047	0.5	Non-genic
4	rs2310357	T	C	0.7969	0.2326	0.3684	SORBS2
4	rs2358469	A	G	0.1094	0.4762	0.3333	Non-genic
4	rs2457996	C	T	0.5	0.08333	0.2105	Non-genic
4	rs2588907	G	A	0.7812	0.3294	0.4474	Non-genic
4	rs2589506	C	T	0.6875	0.3588	0.5	MAPK10
4	rs2611162	T	C	0.1406	0.5584	0.4211	Non-genic
4	rs2632412	G	T	0	0.3471	0.25	SMARCAD1
4	rs2643036	C	T	0.7188	0.3412	0.2632	Non-genic
4	rs2720354	A	G	0.6562	0.2442	0.3684	CLNK
4	rs2874465	C	T	0.3438	0.09036	0.1579	Non-genic
4	rs2889188	G	A	0.5	0.1512	0.2632	Non-genic
4	rs2889361	A	G	0.375	0.1	0.1842	Non-genic
4	rs303084	G	A	0.7812	0.25	0.3684	SPATA5
4	rs303096	G	A	0.9375	0.4762	0.4737	SPATA5
4	rs309753	C	A	0.04688	0.3081	0.2632	Non-genic
4	rs335271	A	G	0.4688	0.1667	0.1944	LPHN3
4	rs335273	C	T	0.6094	0.1481	0.2188	Non-genic
4	rs336384	T	C	0.7969	0.26	0.3824	INPP4B
4	rs4077725	A	G	0.625	0.1744	0.3421	Non-genic
4	rs4128567	T	C	0.6719	0.2824	0.4211	CLNK
4	rs4128643	G	A	0.03125	0.3896	0.2353	Non-genic
4	rs4129288	T	C	0.03125	0.2965	0.2368	CXXC4
4	rs420934	A	G	0.6875	0.2744	0.3611	Non-genic
4	rs4487344	G	A	0.09375	0.5549	0.3684	Non-genic
4	rs4689118	T	C	0.01562	0.4744	0.25	STX18

4	rs530174	C	T	0	0.4467	0.2778	Non-genic
4	rs6532253	G	A	0.7188	0.2619	0.4211	Non-genic
4	rs6533603	T	C	0.09375	0.6905	0.5	ALPK1
4	rs6812005	G	A	0	0.3841	0.2059	PCDH7
4	rs6826593	T	C	0.6719	0.375	0.2895	Non-genic
4	rs6836062	A	G	0.7812	0.2882	0.4474	Non-genic
4	rs6837953	A	G	0.5	0.1627	0.2222	Non-genic
4	rs6845554	T	G	0.625	0.25	0.3158	SLC2A9
4	rs6850284	A	G	0.625	0.1205	0.3684	Non-genic
4	rs6851470	T	C	0.7188	0.2059	0.4444	Non-genic
4	rs6852823	G	A	0.6094	0.2099	0.2353	Non-genic
4	rs6854960	T	C	0.5938	0.1235	0.3158	FSTL5
4	rs717531	C	T	0.01562	0.5556	0.3125	KCNIP4
4	rs720485	C	A	0.01562	0.512	0.3125	Non-genic
4	rs725264	C	T	0.5469	0.157	0.2368	Non-genic
4	rs725882	G	A	0.1406	0.6905	0.4167	Non-genic
4	rs7655676	A	G	0.0625	0.3988	0.2895	Non-genic
4	rs7666980	G	A	0	0.3467	0.1765	Non-genic
4	rs7673719	G	A	0.1875	0.631	0.5	Non-genic
4	rs7686344	G	A	0.625	0.2372	0.2105	Non-genic
4	rs9291219	C	T	0.75	0.3036	0.4474	ATP8A1
4	rs9291503	C	T	0.1562	0.6667	0.4211	Non-genic
4	rs9291645	A	G	0.625	0.06962	0.2895	SLC2A9
4	rs9312059	A	G	0.5938	0.1364	0.2895	Non-genic
4	rs9312227	G	T	0.4062	0.08861	0.1579	Non-genic
4	rs9312489	A	C	0.6875	0.2381	0.4474	Non-genic
4	rs9312490	G	A	0.5625	0.1024	0.2895	Non-genic
4	rs950882	C	T	0.7031	0.2095	0.4412	Non-genic
4	rs951252	A	G	0.09375	0.4884	0.4737	Non-genic
4	rs953797	A	G	0.629	0.2679	0.3684	Non-genic
4	rs979022	T	C	0.125	0.5188	0.4118	Non-genic
5	rs1051613 2	G	A	0.2969	0.7733	0.3158	CPLX2
5	rs1463747	T	G	0.01562	0.3869	0.1944	GRIA1
5	rs3850733	A	C	0.3281	0.04651	0.2105	GABRB2
5	rs9325031	C	A	0.5938	0.8232	0.4474	PPP2R2B
5	rs1368387	A	G	0.3906	0.1	0.2059	HTR4
5	rs6896733	T	C	0.7031	0.2619	0.4211	GABRB2
5	rs1546221	A	G	0	0.1471	0.05263	PDE4D
5	rs298045	C	T	0.2812	0.05294	0.07895	PDE4D
5	rs1051999 4	T	C	0.2188	0.05952	0.05556	FBN2
5	rs190450	A	G	0.4531	0.1456	0.1667	FBN2
5	rs1008661	G	A	0.5312	0.1012	0.3611	MAN2A1
5	rs1022040	C	A	0.6406	0.1412	0.4474	Non-genic
5	rs1031423	T	C	0.6406	0.1296	0.3889	FAM172A
5	rs1035496	C	T	0.03125	0.3563	0.1053	Non-genic
5	rs1049123 7	C	T	0.5625	0.1686	0.3684	Non-genic

5	rs1049139 9	A	G	0.01562	0.3855	0.1579	Non-genic
5	rs1049146 7	G	A	0.1875	0.2536	0.1667	Non-genic
5	rs1051262 5	C	T	0.3438	0.07059	0.2105	SPEF2
5	rs1051273 4	G	A	0.1406	0.4651	0.2105	Non-genic
5	rs1051278 1	C	T	0.04688	0.369	0.1667	Non-genic
5	rs1051296 9	C	A	0.04688	0.3812	0.1111	Non-genic
5	rs1051302 4	A	C	0	0.3547	0.07895	ARL15
5	rs1051314 6	G	A	0.0625	0.1463	0	Non-genic
5	rs1051431 6	G	A	0.4062	0.0679	0.2895	Non-genic
5	rs1051431 7	T	C	0	0.2171	0.05882	Non-genic
5	rs1051544 9	T	C	0.5469	0.1353	0.4444	REEP5
5	rs1051554 9	G	A	0.09375	0.3951	0.1176	Non-genic
5	rs1051562 6	A	G	0	0.378	0.1053	AFAP1L1
5	rs1051564 1	A	G	0	0.1765	0	Non-genic
5	rs1051567 4	A	G	0	0.1747	0	Non-genic
5	rs1051576 9	A	G	0.0625	0.3519	0.1579	Non-genic
5	rs1051579 3	T	C	0.1406	0.5174	0.2632	Non-genic
5	rs1051587 1	A	G	0.4688	0.7949	0.4706	Non-genic
5	rs1051614 6	G	A	0.2656	0.7151	0.2632	MAML1
5	rs1051614 7	G	A	0.03125	0.3488	0.1579	Non-genic
5	rs1051615 6	A	C	0	0.3706	0.1579	PCDHB15
5	rs1052098 7	C	T	0.3438	0.6807	0.4474	C5orf22
5	rs1156684	T	G	0.5	0.5743	0.3	Non-genic
5	rs1371810	T	C	0.1719	0.5412	0.1842	Non-genic
5	rs1394631	T	C	0.0625	0.4059	0.1316	TNFAIP8
5	rs1431948	G	A	0.09375	0.8228	0.3529	Non-genic
5	rs1438675	C	T	0.01562	0.4226	0.2105	Non-genic
5	rs1459193	G	A	0.1094	0.241	0.1316	Non-genic
5	rs1469684	A	G	0.03125	0.2849	0.07895	SLC36A3
5	rs1478491	C	T	0.5	0.07927	0.3421	Non-genic
5	rs1504976	A	G	0.5625	0.09036	0.3889	TNFAIP8



5	rs1512508	T	C	0.3281	0.0241	0.3158	SEMA5A
5	rs152120	T	C	0.2969	0.5793	0.2941	MEGF10
5	rs1527822	G	A	0.03125	0.4036	0.05556	Non-genic
5	rs153264	T	C	0.2031	0.6882	0.3684	Non-genic
5	rs1533014	T	C	0.2344	0.7134	0.4722	OXCT1
5	rs1554624	G	A	0.7188	0.07558	0.4211	EPB41L4A
5	rs1559578	C	T	0.1094	0.5118	0.2105	Non-genic
5	rs163810	T	C	0.4688	0.1105	0.4474	Non-genic
5	rs165095	A	C	0.125	0.4702	0.2105	TRIO
5	rs179171	T	C	0.3906	0.7384	0.4211	Non-genic
5	rs1807912	G	A	0.09375	0.5291	0.2368	Non-genic
5	rs1816235	C	T	0.5156	0.1047	0.4722	ADAMTS16
5	rs1818061	G	T	0.3125	0.6176	0.2632	Non-genic
5	rs1830362	G	A	0.1719	0.6071	0.3333	Non-genic
5	rs1833681	G	A	0.5781	0.157	0.4737	YTHDC2
5	rs1839508	A	G	0	0.5192	0.05556	Non-genic
5	rs1852730	T	C	0.01562	0.4939	0.2368	Non-genic
5	rs1899949	G	T	0.1094	0.7317	0.3947	Non-genic
5	rs1946289	A	G	0.6094	0.2378	0.4737	ADAMTS19
5	rs1991488	C	A	0.4219	0.4337	0.25	Non-genic
5	rs2008927	T	C	0.09375	0.4942	0.2222	Non-genic
5	rs2024079	C	T	0.3438	0.6845	0.25	Non-genic
5	rs2112498	C	T	0.0625	0.3889	0.1667	Non-genic
5	rs224938	T	C	0.2812	0.7616	0.5	Non-genic
5	rs2259307	T	C	0.4688	0.1647	0.4737	Non-genic
5	rs2329548	A	G	0.5312	0.1647	0.3947	Non-genic
5	rs2338216	T	C	0.1719	0.5523	0.3421	Non-genic
5	rs2352069	G	A	0.09375	0.5128	0.2895	Non-genic
5	rs2406905	G	T	0.2344	0.5291	0.1842	Non-genic
5	rs251169	A	G	0.1719	0.5407	0.3421	Non-genic
5	rs259065	A	G	0.3594	0.7917	0.5	Non-genic
5	rs26521	T	C	0	0.321	0.05263	PPIP5K2
5	rs26566	C	T	0.4219	0.04118	0.3158	Non-genic
5	rs2662258	T	G	0.01562	0.3953	0.07895	RGMB
5	rs268542	C	A	0.1875	0.5793	0.3421	SEMA5A
5	rs26956	A	C	0.03125	0.5	0.2368	Non-genic
5	rs27246	A	G	0.03125	0.407	0.2105	Non-genic
5	rs27363	C	T	0.01562	0.3675	0.1667	Non-genic
5	rs27566	G	A	0.01562	0.6395	0.2105	MCC
5	rs27761	A	G	0.1875	0.6395	0.3947	TRIO
5	rs28182	A	G	0.4219	0.8214	0.5	Non-genic
5	rs2937536	C	A	0.09375	0.7329	0.2188	Non-genic
5	rs294964	T	C	0.04688	0.5563	0.2368	Non-genic
5	rs2963894	G	A	0.07812	0.7083	0.2895	Non-genic
5	rs2966742	A	C	0.125	0.7466	0.3529	Non-genic
5	rs2973335	C	T	0.03125	0.4294	0.1316	SSBP2
5	rs317981	T	C	0.2812	0.05195	0.2692	Non-genic
5	rs32441	G	T	0.03125	0.506	0.2632	Non-genic

5	rs330679	G	A	0.07812	0.4639	0.2632	Non-genic
5	rs370663	A	G	0.1719	0.03529	0.1316	EDIL3
5	rs38055	A	G	0.03125	0.4241	0.2059	Non-genic
5	rs3851461	G	A	0.2656	0.6463	0.4167	Non-genic
5	rs402578	C	T	0.7031	0.131	0.4211	Non-genic
5	rs409509	G	A	0.2031	0.4583	0.1579	ARHGAP26
5	rs4128239	A	C	0.07812	0.5235	0.2895	Non-genic
5	rs42414	T	G	0.1094	0.4568	0.2105	Non-genic
5	rs477086	C	T	0.2656	0.7907	0.5	Non-genic
5	rs489770	G	A	0.4375	0.1446	0.4211	GALNT10
5	rs601441	C	T	0.25	0.7791	0.5	Non-genic
5	rs6453484	G	A	0.4219	0.1941	0.4737	CMYA5
5	rs6555016	T	C	0.4531	0.06548	0.3421	Non-genic
5	rs6864266	C	T	0.1719	0.5536	0.3421	SLIT3
5	rs6880003	A	G	0.5938	0.1047	0.3684	FBXL17
5	rs6887404	C	A	0.5	0.03614	0.3056	ABLIM3
5	rs6897242	A	G	0.375	0.7831	0.5	Non-genic
5	rs724719	G	A	0.4531	0.1294	0.3158	PJA2
5	rs725580	A	G	0.4531	0.08721	0.3889	C5orf56
5	rs728693	G	A	0.3906	0.7267	0.4474	CYFIP2
5	rs7711674	G	A	0.4688	0.1173	0.3611	Non-genic
5	rs7734364	C	T	0.03125	0.4506	0.2368	ARHGAP26
5	rs824848	A	G	0.2188	0.625	0.4167	Non-genic
5	rs903850	A	G	0.01562	0.3471	0.1579	ODZ2
5	rs903981	G	T	0.1875	0.5893	0.3158	ZNF454
5	rs9122	C	T	0.09375	0.5	0.1579	DCP2
5	rs9285933	A	G	0	0.2733	0.02632	PCBD2
5	rs9292118	C	T	0.25	0.7143	0.4722	Non-genic
5	rs9292998	G	A	0.6875	0.1395	0.4474	CDH12
5	rs9313348	G	A	0.2656	0.5793	0.2632	Non-genic
5	rs9313635	A	G	0.01562	0.3081	0.02632	Non-genic
5	rs9324964	C	A	0.1562	0.2986	0.05556	Non-genic
5	rs9325005	T	C	0.3281	0.7941	0.2895	Non-genic
5	rs9325006	A	C	0.3906	0.1098	0.3421	Non-genic
5	rs9325124	A	G	0.7031	0.2927	0.5	Non-genic
5	rs9327668	T	C	0.2969	0.03529	0.1842	Non-genic
5	rs950714	C	T	0.4375	0.06977	0.3056	TRPC7
5	rs951224	C	T	0.3438	0.7012	0.3684	ANXA6
5	rs953741	C	T	0.04688	0.2442	0.05263	ZFP2
5	rs956274	G	T	0.1406	0.5513	0.3056	Non-genic
5	rs984832	T	C	0.04688	0.4551	0.07895	Non-genic
5	rs1004558 5	G	T	0.5	0.08537	0.2632	Non-genic
5	rs1006778 8	C	A	0.6406	0.1412	0.3158	Non-genic
5	rs1035858	T	C	0.1094	0.5536	0.3947	Non-genic
5	rs1035997	C	T	0.1719	0.6667	0.4412	Non-genic
5	rs1049122 7	G	A	0.8125	0.2711	0.3947	Non-genic

5	rs1051271 2	T	C	0.125	0.5417	0.3421	Non-genic
5	rs1051294 7	C	T	0.375	0.06977	0.2105	Non-genic
5	rs1051314 4	G	A	0.6094	0.06548	0.2188	Non-genic
5	rs1051415 9	T	C	0.03125	0.5238	0.3684	JMY
5	rs1051430 6	T	G	0.3125	0.1519	0.05556	Non-genic
5	rs1051496 8	G	A	0	0.3086	0.2632	Non-genic
5	rs1051529 5	T	C	0.8125	0.2093	0.4211	Non-genic
5	rs1051549 7	T	C	0.2031	0.5241	0.3684	Non-genic
5	rs1051990 6	T	C	0.4688	0.1265	0.2368	Non-genic
5	rs1052000 6	G	A	0.7656	0.186	0.2941	Non-genic
5	rs1158558	T	G	0.09677	0.875	0.5	CDH18
5	rs1309824	G	T	0.7812	0.4529	0.4474	NLN
5	rs1362811	C	T	0.7656	0.2439	0.4474	Non-genic
5	rs1363448	C	T	0.1094	0.5523	0.3947	PCDHGA3
5	rs1363886	C	T	0.4531	0.1325	0.2632	Non-genic
5	rs1366393	T	C	0.25	0.7442	0.5	MCC
5	rs1377489	C	T	0	0.3512	0.1842	Non-genic
5	rs1457128	T	C	0.75	0.3081	0.2632	PLCXD3
5	rs1505851	T	C	0.2031	0.6235	0.4333	Non-genic
5	rs1520263	A	C	0.4531	0.04706	0.1389	Non-genic
5	rs152599	G	T	0.0625	0.6585	0.3947	EFNA5
5	rs1549690	A	C	0.6875	0.157	0.3947	FYB
5	rs1560059	A	G	0.01562	0.3155	0.2895	Non-genic
5	rs1582545	A	G	0.5938	0.1686	0.1579	Non-genic
5	rs159978	A	G	0.3906	0.04217	0.1053	Non-genic
5	rs172570	C	A	0.4375	0.04118	0.1389	Non-genic
5	rs173467	T	C	0.6094	0.1728	0.2368	Non-genic
5	rs1862175	T	C	0.1406	0.5533	0.4737	Non-genic
5	rs1867324	G	A	0.03125	0.6453	0.4211	MCC
5	rs187462	T	C	0.04688	0.4059	0.2368	Non-genic
5	rs1898162	A	G	0.5312	0.1975	0.2105	Non-genic
5	rs1909535	C	T	0.3281	0.05814	0.05263	Non-genic
5	rs191899	C	T	0.9062	0.4589	0.4375	Non-genic
5	rs2029478	C	T	0.1406	0.5	0.3421	Non-genic
5	rs2059121	A	G	0.01562	0.4294	0.2632	Non-genic
5	rs2060428	C	T	0.875	0.4329	0.5	SPOCK1
5	rs2061237	A	G	0	0.04118	0.2188	Non-genic
5	rs2116739	C	T	0.1406	0.7235	0.4474	Non-genic
5	rs2135046	T	C	0.03125	0.3605	0.2368	KCNIP1
5	rs2158175	G	A	0.5938	0.1221	0.2632	Non-genic
5	rs2304066	C	T	0.5625	0.1395	0.2895	Non-genic

5	rs2337692	A	G	0.6875	0.1588	0.4211	MAP1B
5	rs2372045	C	A	0.2188	0.5793	0.4474	Non-genic
5	rs252761	G	T	0.03226	0.5647	0.3684	AP3B1
5	rs255481	G	A	0.2188	0.6049	0.4444	Non-genic
5	rs255824	C	T	0.01562	0.2412	0.1316	CCDC99
5	rs2603014	C	T	0.7031	0.2941	0.4474	Non-genic
5	rs260326	T	C	0.4219	0.07558	0.2368	FYB
5	rs26152	G	A	0.0625	0.439	0.4737	CTNND2
5	rs26207	G	T	0.125	0.6548	0.4474	ADAMTS19
5	rs2672734	G	A	0.75	0.3721	0.4474	EXOC3
5	rs27628	A	C	0.1562	0.5779	0.3947	Non-genic
5	rs2901679	G	A	0.4531	0.1358	0.2632	Non-genic
5	rs2909704	A	G	0.75	0.3353	0.3889	Non-genic
5	rs2925071	A	G	0.5	0.09036	0.2941	Non-genic
5	rs2956597	G	A	0.8438	0.06977	0.4211	EGFLAM
5	rs296171	A	G	0.5156	0.119	0.1842	Non-genic
5	rs31331	G	T	0.7188	0.2965	0.4737	Non-genic
5	rs3172941	T	C	0.5781	0.2857	0.3421	GALNT10
5	rs31951	G	A	0.6719	0.1369	0.3889	CTNND2
5	rs32466	T	C	0.4219	0.1337	0.2368	Non-genic
5	rs328970	T	C	0.07812	0.1353	0.1316	Non-genic
5	rs336960	A	G	0.6875	0.2529	0.4211	HAPLN1
5	rs34512	G	A	0.09677	0.436	0.4737	Non-genic
5	rs34697	G	A	0.01562	0.5174	0.3158	MAST4
5	rs347661	C	T	0.7188	0.5	0.4737	Non-genic
5	rs358523	C	T	0.5469	0.09375	0.2941	Non-genic
5	rs368337	C	T	0.1719	0.5062	0.3947	Non-genic
5	rs379707	C	A	0.7969	0.3476	0.4474	FYB
5	rs3844303	A	C	0.4219	0.1744	0	Non-genic
5	rs3846599	C	T	0	0.3471	0.2368	CCT5
5	rs3846687	T	C	0	0.3605	0.2105	Non-genic
5	rs3935014	A	G	0.4531	0.1076	0.1579	EGFLAM
5	rs4254932	C	A	0.3438	0.07558	0.05263	Non-genic
5	rs438418	G	A	0.4531	0.09302	0.2368	Non-genic
5	rs448182	A	G	0.1094	0.6221	0.3947	RAI14
5	rs4532382	T	C	0.6094	0.2176	0.2895	Non-genic
5	rs4702121	G	T	0.75	0.2321	0.2941	Non-genic
5	rs4836251	C	T	0.1094	0.5647	0.4474	Non-genic
5	rs492938	G	A	0.6875	0.2143	0.4474	Non-genic
5	rs615344	T	G	0.7656	0.3735	0.4737	DROSHA
5	rs6555620	C	T	0.125	0.5581	0.3421	Non-genic
5	rs6580266	G	A	0.03125	0.4157	0.2895	ARHGAP26
5	rs66782	C	T	0.7031	0.3605	0.2368	FYB
5	rs6862563	A	G	0	0.09302	0.07895	ADAMTS2
5	rs6870730	G	A	0.1562	0.6726	0.4737	Non-genic
5	rs6883095	A	G	0.1406	0.4593	0.3421	Non-genic
5	rs6897947	C	T	0.7812	0.4313	0.4375	SEMA6A
5	rs716376	C	T	0.01562	0.3086	0.3125	Non-genic

5	rs725937	C	T	0.8594	0.5235	0.4722	SPARC
5	rs748418	T	C	0.01562	0.3165	0.2105	Non-genic
5	rs759947	G	A	0.09375	0.4529	0.2895	CAMK4
5	rs763497	G	A	0.5469	0.1588	0.3421	Non-genic
5	rs7709159	T	C	0.7031	0.04118	0.3158	Non-genic
5	rs7726915	T	C	0.5	0.1588	0.2632	Non-genic
5	rs7731154	G	A	0.125	0.5432	0.4211	Non-genic
5	rs7735817	T	G	0.625	0.241	0.3158	CDH10
5	rs861085	G	A	0.03125	0.4241	0.2632	Non-genic
5	rs878196	T	G	0	0.3953	0.2632	Non-genic
5	rs918604	T	C	0.5625	0.2229	0.2105	Non-genic
5	rs9285957	G	A	0.01562	0.3797	0.3438	Non-genic
5	rs9291789	G	A	0.6875	0.2857	0.4474	Non-genic
5	rs9313203	A	G	0.03125	0.3895	0.2632	ADCY2
5	rs9324817	A	G	0.07812	0.4615	0.3684	Non-genic
5	rs9327510	C	T	0.5	0.1294	0.1579	Non-genic
5	rs9328010	A	G	0.625	0.2667	0.3235	EFNA5
5	rs959134	A	G	0.6129	0.1883	0.3158	Non-genic
5	rs982054	C	T	0.6406	0.2622	0.4474	Non-genic
6	rs1884054	A	C	0.1094	0.4578	0.2647	ESR1
6	rs722208	A	G	0.3594	0.6216	0.375	ESR1
6	rs726281	A	G	0.1406	0.5309	0.25	ESR1
6	rs723054	C	T	0.7031	0.2963	0.2812	ATXN1
6	rs9285480	T	C	0.7188	0.09884	0.2632	AHI1
6	rs1048463 3	C	T	0	0.247	0.08824	CDKAL1
6	rs1395122	T	G	0	0.1802	0.02632	SIM1
6	rs9296459	A	G	0.01562	0.3354	0.07895	RUNX2
6	rs2294809	T	C	0.0625	0.3846	0.2647	CDKAL1
6	rs1407179	A	C	0.01562	0.2733	0.2105	ROS1
6	rs1049879 2	C	T	0.2812	0.09868	0.4	PKHD1
6	rs481795	C	T	0.3281	0.7153	0.4118	PKHD1
6	rs1266922	G	A	0.5469	0.2597	0.2895	PKHD1
6	rs6916797	G	A	0.6094	0.1829	0.3333	PKHD1
6	rs1018401	G	A	0.01562	0.4186	0.2105	Non-genic
6	rs1038304	A	G	0.2031	0.4419	0.2368	C6orf97
6	rs1040530	T	C	0.2656	0.5988	0.1842	GMDS
6	rs1048425 1	A	G	0.04688	0.3059	0.1053	RANBP9
6	rs1048438 0	A	G	0.3594	0.07831	0.3235	Non-genic
6	rs1048450 5	A	G	0	0.2558	0.08333	Non-genic
6	rs1048470 2	C	T	0.2188	0.6588	0.3158	Non-genic
6	rs1048480 3	A	G	0.0625	0.343	0.1944	Non-genic
6	rs1048481 3	G	A	0.09375	0.2733	0.05263	PARK2

6	rs1048498 0	C	T	0.25	0.03529	0.2368	Non-genic
6	rs1048517 0	C	T	0.4219	0.0814	0.3158	Non-genic
6	rs1048523 8	G	A	0.2812	0.6558	0.3421	Non-genic
6	rs1048533 4	C	T	0.4219	0.1325	0.4167	Non-genic
6	rs1048535 8	C	T	0.1562	0.5	0.1579	PHF3
6	rs1048537 2	C	T	0.1719	0.1024	0.4722	Non-genic
6	rs1049872 6	A	G	0.01562	0.2706	0.05556	LRRC16A
6	rs1049886 6	T	C	0.07812	0.6824	0.2895	Non-genic
6	rs1049887 9	A	G	0.03125	0.2039	0.07143	Non-genic
6	rs1049891 6	T	C	0.1094	0.4647	0.2105	Non-genic
6	rs1049899 9	G	A	0.07812	0.6605	0.2895	Non-genic
6	rs1049911 6	A	G	0.07812	0.6892	0.3125	Non-genic
6	rs1049913 3	T	C	0.5781	0.08537	0.4706	Non-genic
6	rs1049921 4	A	G	0.4219	0.7024	0.3889	Non-genic
6	rs1208254	C	A	0.5938	0.05294	0.3684	Non-genic
6	rs1224527	T	C	0.4531	0.1488	0.3611	Non-genic
6	rs1316575	C	T	0.2344	0.5882	0.3529	Non-genic
6	rs1316831	C	A	0.1406	0.5412	0.1842	Non-genic
6	rs1319548	C	T	0.2188	0.5529	0.2895	Non-genic
6	rs1322394	G	A	0.1719	0.7384	0.4474	IL20RA
6	rs1324965	A	C	0.1562	0.5407	0.2368	PACRG
6	rs1327272	G	A	0.03125	0.3312	0.02632	Non-genic
6	rs1352381	A	G	0.2188	0.7176	0.3333	Non-genic
6	rs1357056	A	G	0.4219	0.939	0.4412	Non-genic
6	rs1388930	G	A	0.03125	0.3663	0.1316	Non-genic
6	rs1407793	A	G	0.2656	0.6744	0.3684	Non-genic
6	rs1429143	A	G	0.1406	0.8095	0.3947	Non-genic
6	rs1452882	C	T	0.0625	0.3494	0.05263	Non-genic
6	rs1538741	A	G	0	0.1964	0.02632	Non-genic
6	rs1591514	T	C	0.09375	0.4295	0.08333	Non-genic
6	rs1760655	T	C	0.03226	0.3988	0.1842	Non-genic
6	rs1811899	C	T	0	0.3171	0.08333	Non-genic
6	rs1825651	G	A	0.3125	0.6585	0.4375	Non-genic
6	rs1841258	C	T	0.3906	0.06707	0.3421	Non-genic
6	rs1842129	C	T	0.1094	0.6369	0.3158	NKAIN2
6	rs1890061	T	C	0.375	0.7202	0.3611	Non-genic
6	rs1928055	G	A	0.2969	0.05233	0.2632	Non-genic
6	rs1931991	C	A	0.04688	0.2882	0.02632	Non-genic

6	rs1934225	T	C	0.3125	0.1098	0.2632	Non-genic
6	rs1935423	A	C	0.0625	0.4	0.2105	Non-genic
6	rs1980530	A	G	0.01562	0.3519	0.02632	CLIC5
6	rs1982756	A	C	0.4219	0.1012	0.3684	TREML4
6	rs1989634	G	A	0.2188	0.5872	0.2632	Non-genic
6	rs1991355	C	T	0.1562	0.5696	0.1765	Non-genic
6	rs2011841	T	C	0.03125	0.6	0.1842	Non-genic
6	rs2012025	G	A	0.1094	0.6	0.25	GMDS
6	rs2063345	G	A	0.07812	0.5533	0.2778	SLC22A3
6	rs2119483	A	G	0.5	0.1235	0.3421	GFOD1
6	rs2191037	T	C	0.5	0.6882	0.2632	Non-genic
6	rs2207022	A	C	0.6406	0.1131	0.4722	Non-genic
6	rs2224854	G	A	0.5645	0.8963	0.4688	Non-genic
6	rs2282315	G	A	0.01562	0.1062	0.02778	Non-genic
6	rs2297939	A	G	0.01562	0.4524	0.1316	Non-genic
6	rs2326794	T	C	0.3281	0.7683	0.5	LAMA2
6	rs2342763	A	G	0.375	0.1607	0.3947	BAI3
6	rs2345326	T	C	0.03125	0.3415	0.02632	KHDRBS2
6	rs243119	C	T	0.07812	0.5312	0.1842	Non-genic
6	rs2552085	T	C	0.01562	0.1329	0	NKAIN2
6	rs265353	T	C	0.3906	0.06548	0.2632	LAMA2
6	rs2743610	C	T	0.5156	0.01829	0.3684	Non-genic
6	rs2745443	T	C	0.4219	0.7848	0.4615	VNN1
6	rs2747679	C	T	0.3281	0.0814	0.3421	FAM65B
6	rs2895553	T	C	0.5625	0.09639	0.3947	Non-genic
6	rs3117222	T	C	0.625	0.2151	0.4211	Non-genic
6	rs326798	A	G	0.07812	0.7381	0.1579	Non-genic
6	rs3777442	C	T	0.07812	0.6118	0.2105	EPB41L2
6	rs3827791	G	A	0	0.2176	0	EFHC1
6	rs3846766	C	A	0.1562	0.5197	0.2059	Non-genic
6	rs3887266	T	C	0.01562	0.1	0.02632	SLC17A3
6	rs391652	A	G	0.3438	0.8688	0.5	Non-genic
6	rs3949571	C	T	0.5938	0.8642	0.5	Non-genic
6	rs4259288	A	G	0.2812	0.6923	0.3947	Non-genic
6	rs4406196	C	T	0.3906	0.7824	0.4474	Non-genic
6	rs4473834	C	T	0.3906	0.7791	0.4474	Non-genic
6	rs4515397	T	C	0.09375	0.7384	0.3421	FUT9
6	rs458788	G	A	0.01562	0.5353	0.1316	Non-genic
6	rs4712415	C	T	0.2031	0.5706	0.2895	Non-genic
6	rs476277	G	A	0.2031	0.679	0.3158	Non-genic
6	rs4960221	C	T	0.3906	0.7616	0.4737	LY86
6	rs511996	A	C	0.5312	0.1369	0.4211	GFOD1
6	rs566568	A	G	0.5469	0.09884	0.3611	Non-genic
6	rs569979	G	A	0.07812	0.3675	0.2105	Non-genic
6	rs575595	G	A	0.6875	0.1163	0.4211	NKAIN2
6	rs595413	T	C	0.1406	0.6977	0.3684	C6orf146
6	rs6455738	A	G	0.1562	0.5542	0.3421	PARK2
6	rs6455739	A	G	0.1562	0.5471	0.3421	PARK2

6	rs6458008	T	C	0.4062	0.7733	0.3421	MDGA1
6	rs6570520	C	A	0.625	0.09524	0.3684	Non-genic
6	rs6904295	C	T	0.4062	0.7384	0.3947	Non-genic
6	rs6919441	C	T	0.4062	0.7384	0.3947	Non-genic
6	rs6926377	A	C	0.1719	0.5793	0.2368	UTRN
6	rs6935961	A	G	0.125	0.6	0.1579	Non-genic
6	rs6938586	T	C	0.4219	0.7791	0.3947	EPB41L2
6	rs717389	C	T	0	0.3059	0.1053	Non-genic
6	rs718220	T	C	0.4531	0.7952	0.3684	Non-genic
6	rs718233	T	G	0.09375	0.2059	0.05263	RHAG
6	rs734014	G	A	0.1719	0.5179	0.2105	FAM65B
6	rs742769	T	C	0.01562	0.4524	0.1579	PARK2
6	rs7748283	C	T	0.2258	0.5174	0.2105	Non-genic
6	rs7763794	C	T	0.4219	0.07059	0.3421	Non-genic
6	rs7775534	C	T	0.2344	0.5698	0.2632	Non-genic
6	rs794266	A	G	0.3438	0.4321	0.3684	FAM184A
6	rs802228	T	C	0.25	0.7055	0.4706	NKAIN2
6	rs879831	A	G	0.7188	0.1588	0.4474	Non-genic
6	rs902370	G	A	0.1562	0.7	0.4211	LAMA2
6	rs924974	T	G	0.4375	0.1375	0.3947	Non-genic
6	rs926402	C	T	0.0625	0.4593	0.1842	Non-genic
6	rs9293853	A	G	0.1406	0.5417	0.2632	Non-genic
6	rs9294101	A	G	0.4531	0.05952	0.2941	Non-genic
6	rs9294122	A	G	0	0.2952	0.07895	Non-genic
6	rs9294187	G	A	0.04688	0.2763	0.1316	Non-genic
6	rs9294511	C	T	0.2812	0.8214	0.4722	Non-genic
6	rs9294559	G	A	0.5625	0.8654	0.4737	Non-genic
6	rs9294790	G	T	0.01562	0.2857	0.05263	Non-genic
6	rs9295647	A	G	0.4062	0.8049	0.4474	Non-genic
6	rs9296322	C	T	0.125	0.4294	0.1579	Non-genic
6	rs9296359	A	G	0.01562	0.2326	0.07895	TREML4
6	rs9296606	A	G	0.01562	0.2792	0.1316	Non-genic
6	rs9296711	G	A	0.6406	0.1768	0.4211	Non-genic
6	rs9320866	T	G	0.4219	0.08434	0.4722	Non-genic
6	rs9321038	C	T	0.4531	0.8025	0.5	Non-genic
6	rs9321208	A	G	0.04688	0.125	0.02632	L3MBTL3
6	rs9321549	T	C	0.4062	0.07647	0.2632	PDE7B
6	rs9322536	G	A	0.2188	0.5422	0.3158	Non-genic
6	rs933064	T	C	0.5156	0.1145	0.4211	EPB41L2
6	rs9400624	T	C	0.6719	0.2593	0.4722	Non-genic
6	rs947746	T	C	0	0.2941	0.07895	KCNQ5
6	rs94802	T	C	0.04688	0.4941	0.07895	Non-genic
6	rs951251	A	G	0	0.2738	0.1053	Non-genic
6	rs952111	T	C	0.2656	0.5407	0.3947	Non-genic
6	rs952571	G	A	0.01562	0.4107	0.1842	Non-genic
6	rs958386	T	C	0.07812	0.4643	0.2632	Non-genic
6	rs962312	A	G	0.04688	0.4932	0.25	Non-genic
6	rs975618	A	G	0.4844	0.1529	0.4211	Non-genic



6	rs977382	C	T	0.3906	0.1012	0.3421	Non-genic
6	rs993314	T	C	0.1875	0.5893	0.3158	KCNQ5
6	rs1048455 4	T	C	0.1562	0.1647	0.3421	Non-genic
6	rs1048458 0	T	C	0.01562	0.2933	0.1579	AIG1
6	rs1048483 3	C	T	0.3125	0.04118	0.1053	Non-genic
6	rs1048490 4	A	G	0.625	0.3605	0.4474	Non-genic
6	rs1048497 0	A	G	0.4688	0.2895	0.2333	Non-genic
6	rs1048500 5	C	A	0.04688	0.3289	0.3667	Non-genic
6	rs1048510 1	T	C	0.04688	0.1691	0.2941	Non-genic
6	rs1048525 6	T	C	0.01562	0.25	0.1579	SYNE1
6	rs1048540 8	A	G	0.03125	0.3205	0.2812	Non-genic
6	rs1049894 2	G	T	0.1094	0.1301	0.3	Non-genic
6	rs1049899 1	C	T	0.4531	0.1709	0.2	Non-genic
6	rs1145862	A	G	0.375	0.08824	0.1389	Non-genic
6	rs1247343	C	T	0.4531	0.1176	0.2368	Non-genic
6	rs1327261	T	C	0.5781	0.1	0.1429	Non-genic
6	rs1362932	G	A	0.09375	0.5407	0.3684	Non-genic
6	rs1407530	A	C	0	0.3571	0.2059	Non-genic
6	rs1408282	A	G	0.01562	0.2378	0.1842	Non-genic
6	rs1414102	A	G	0.4531	0.1471	0.2105	C6orf201
6	rs1474787	T	C	0.5938	0.2687	0.3947	MTHFD1L
6	rs149971	G	A	0.03125	0.4882	0.3158	Non-genic
6	rs1521219	C	T	0.6406	0.2208	0.2812	Non-genic
6	rs1570843	T	C	0	0.6941	0.3947	Non-genic
6	rs1923416	C	T	0.8906	0.07558	0.4737	Non-genic
6	rs195422	A	G	0.3281	0.05882	0.1053	TBC1D22B
6	rs1976109	G	A	0.625	0.241	0.3611	Non-genic
6	rs197963	T	C	0.125	0.6	0.4444	Non-genic
6	rs2076472	C	T	0	0.3081	0.1842	APOBEC2
6	rs2182277	T	C	0.3438	0.04651	0.1316	Non-genic
6	rs2225369	C	T	0.0625	0.5061	0.3158	Non-genic
6	rs2245777	C	T	0.6719	0.2907	0.4167	Non-genic
6	rs2354095	T	C	0.4219	0.1105	0.1842	SCML4
6	rs2396821	C	T	0.7344	0.2647	0.4737	Non-genic
6	rs2496388	A	G	0.1406	0.686	0.4211	Non-genic
6	rs265360	T	C	0.7188	0.2952	0.4444	LAMA2
6	rs2875980	A	G	0.6094	0.1607	0.2368	FARS2
6	rs3763188	C	T	0	0.314	0.1579	REPS1
6	rs3798709	G	A	0	0.3235	0.2105	ELOVL2
6	rs3800472	A	G	0.04688	0.4128	0.3684	PACSLN1

6	rs4129313	A	G	0.1406	0.5455	0.4444	Non-genic
6	rs531156	A	G	0.04688	0.5952	0.3421	Non-genic
6	rs535647	A	G	0.04688	0.5952	0.3421	Non-genic
6	rs611748	G	A	0.01562	0.2279	0.1562	Non-genic
6	rs632286	A	G	0.5938	0.2195	0.3889	NKAIN2
6	rs636864	T	C	0.5938	0.1687	0.2105	Non-genic
6	rs654118	G	A	0.0625	0.5349	0.4737	Non-genic
6	rs6569943	C	A	0.4062	0.06548	0.1053	Non-genic
6	rs657057	T	C	0.1562	0.5706	0.4474	Non-genic
6	rs6902919	A	G	0.5625	0.1744	0.3684	Non-genic
6	rs6911727	T	C	0.2188	0.6647	0.4474	Non-genic
6	rs6915095	C	T	0.3125	0.07738	0.1316	Non-genic
6	rs6922269	A	G	0.5968	0.25	0.3947	MTHFD1L
6	rs6930478	A	G	0.3281	0.1145	0.05263	HIVEP2
6	rs724875	G	A	0.6094	0.1627	0.3421	MAP7
6	rs7757672	A	G	0	0.4118	0.2105	Non-genic
6	rs7769173	A	C	0.8438	0.4471	0.4737	NEDD9
6	rs847000	T	C	0.5625	0.1205	0.2632	Non-genic
6	rs847001	T	C	0.6406	0.125	0.3056	Non-genic
6	rs894240	A	G	0.1094	0.6111	0.4706	Non-genic
6	rs9285530	T	G	0.03125	0.4118	0.3421	AKAP12
6	rs9295089	C	T	0.375	0.05556	0.1842	TAGAP
6	rs9296092	G	A	0.1719	0.7733	0.4737	Non-genic
6	rs9296510	C	T	0.09375	0.5407	0.3684	Non-genic
6	rs9320243	G	A	0.4688	0.06024	0.1667	Non-genic
6	rs9320760	A	G	0.03125	0.3038	0.1786	Non-genic
6	rs9320808	A	G	0.8906	0.25	0.5	C6orf170
6	rs9320813	G	A	0.5625	0.1471	0.2632	Non-genic
6	rs9320930	A	G	0.8594	0.2882	0.4211	TRDN
6	rs9321445	C	T	0.5625	0.3049	0.1579	Non-genic
6	rs9321496	T	G	0.03125	0.4765	0.3158	Non-genic
6	rs9328416	T	C	0.375	0.05882	0.2105	Non-genic
6	rs9328449	T	C	0.7188	0.2733	0.3421	TXNDC5
6	rs950286	A	G	0.2812	0.05814	0.02632	Non-genic
6	rs952901	G	A	0.1406	0.4268	0.3438	PARK2
6	rs960297	C	T	0.0625	0.3519	0.3056	Non-genic
6	rs998645	A	G	0.6719	0.2647	0.4474	Non-genic
7	rs714180	A	G	0.04688	0.436	0.1316	MET
7	rs2189813	T	C	0.3281	0.7714	0.4118	GRM3
7	rs2284280	C	A	0.04688	0.5698	0.2368	NRCAM
7	rs1006817	A	C	0	0.3395	0.2105	RELN
7	rs2237752	C	T	0.0625	0.3824	0.2895	GRM8
7	rs6965133	A	G	0.01562	0.4048	0.25	RELN
7	rs724224	G	T	0.8281	0.1623	0.4688	GRM3
7	rs1048782						
7	0	A	G	0.07812	0.6687	0.3947	NAMPT
7	rs1048814						
7	2	T	C	0.03125	0.2326	0.02632	EGFR
7	rs1357319	A	C	0.7031	0.3141	0.375	CYP3A7

7	rs2037498	G	A	0.7031	0.3494	0.4211	CYP3A7
7	rs6953623	T	C	0.5312	0.1059	0.2632	C7orf16
7	rs339054	T	G	0.25	0.7169	0.3421	CALU
7	rs1002397	A	G	0.3125	0.7035	0.3947	Non-genic
7	rs1012221	C	T	0	0.1882	0.02632	DGKB
7	rs1014095	T	C	0	0.3415	0.08333	CUL1
7	rs1022884 7	T	C	0.7656	0.8875	0.2895	Non-genic
7	rs1022893 7	A	G	0.2031	0.512	0.2105	SDK1
7	rs1023618 3	T	G	0.04688	0.4942	0.1842	Non-genic
7	rs1023633 7	G	A	0.2656	0.6118	0.2895	Non-genic
7	rs1024022 2	C	T	0.1094	0.5349	0.2895	Non-genic
7	rs1024291 3	A	G	0.3906	0.07558	0.2368	Non-genic
7	rs1024579 4	T	C	0.2656	0.6988	0.1579	Non-genic
7	rs1024687 2	G	A	0.5469	0.1646	0.4211	Non-genic
7	rs1025970 3	G	A	0.2969	0.869	0.4737	Non-genic
7	rs1027419 2	T	C	0.5781	0.08721	0.3684	Non-genic
7	rs1027470 7	T	C	0	0.4294	0.1053	GNAI1
7	rs1028125 2	G	A	0.5938	0.1928	0.3947	SEMA3D
7	rs1048592 7	T	G	0.3125	0.09412	0.3684	MAGI2
7	rs1048654 9	C	T	0	0.3519	0.07895	HIBADH
7	rs1048672 5	T	C	0.3125	0.06024	0.2368	Non-genic
7	rs1048677 7	A	C	0.5938	0.8605	0.4474	Non-genic
7	rs1048677 9	A	C	0.3125	0.05952	0.3056	Non-genic
7	rs1048678 0	G	A	0.1875	0.7024	0.3947	Non-genic
7	rs1048680 1	A	G	0.01562	0.2647	0.05263	RALA
7	rs1048684 7	A	G	0	0.1463	0.02632	SEMA3D
7	rs1048694 5	A	G	0.07812	0.4	0.02632	CACNA2D1
7	rs1048702 8	G	T	0.04688	0.4815	0.1842	Non-genic
7	rs1048722 0	T	C	0	0.4107	0.1579	LHFPL3
7	rs1048754 5	G	A	0.4531	0.04118	0.3158	Non-genic

7	rs1048755 4	A	G	0	0.2321	0.08333	Non-genic
7	rs1048762 4	T	C	0.2656	0.6453	0.3158	Non-genic
7	rs1048776 8	A	G	0.3281	0.05814	0.3947	Non-genic
7	rs1048799 1	G	A	0.0625	0.3795	0.05263	CDK14
7	rs1048800 3	T	C	0.2969	0.3036	0.1316	CDK14
7	rs1048802 7	C	T	0.5	0.8704	0.5	ELMO1
7	rs1048802 8	G	A	0.375	0.875	0.4722	ELMO1
7	rs1048807 6	C	T	0	0.2651	0.1053	Non-genic
7	rs1048810 7	G	A	0.4062	0.1628	0.2895	AASS
7	rs1048811 8	T	C	0	0.3041	0.09375	Non-genic
7	rs1048819 3	G	A	0	0.2012	0.05263	TMEM106B
7	rs1048860 9	T	C	0.1406	0.6037	0.3684	DGKI
7	rs1048864 2	G	A	0.4375	0.1512	0.3684	TRIM24
7	rs1049943 6	A	G	0	0.2965	0.02632	Non-genic
7	rs1049948 0	G	A	0.04688	0.3148	0.1316	Non-genic
7	rs1049980 6	A	G	0.1562	0.7108	0.3684	Non-genic
7	rs1049992 3	T	C	0	0.1266	0	Non-genic
7	rs1050000 2	A	G	0.03125	0.3355	0.1667	IMMP2L
7	rs1109786	T	G	0.4219	0.1205	0.2778	Non-genic
7	rs1120408	A	G	0.1406	0.6706	0.2895	DGKB
7	rs1203739	A	G	0.01562	0.7012	0.2632	C7orf10
7	rs1267622	A	G	0.03125	0.5824	0.2632	BRAF
7	rs1380380	T	C	0.09375	0.6512	0.3421	TSPAN13
7	rs1425119	T	C	0.4688	0.1453	0.3684	Non-genic
7	rs1448672	C	T	0.01562	0.4762	0.2105	Non-genic
7	rs1456893	G	A	0.375	0.157	0.3421	Non-genic
7	rs1524339	C	A	0.01562	0.2866	0.1389	CNTNAP2
7	rs1525653	G	A	0.03125	0.2892	0	Non-genic
7	rs1525683	G	A	0.5781	0.1845	0.4211	Non-genic
7	rs1544373	A	G	0.01562	0.2372	0.05263	Non-genic
7	rs1554774	T	C	0.1719	0.7073	0.3333	HDAC9
7	rs1639239	C	T	0.3438	0.7143	0.3421	DGKB
7	rs16622	G	A	0.0625	0.1467	0.08824	Non-genic
7	rs1724528	T	G	0	0.7558	0.3421	CNTNAP2

7	rs1726597	A	G	0.2344	0.6353	0.3158	HDAC9
7	rs1859289	C	T	0.3125	0.7118	0.4211	Non-genic
7	rs1880242	G	T	0.07812	0.5581	0.2105	Non-genic
7	rs194825	A	G	0	0.2907	0.1053	Non-genic
7	rs2097782	A	G	0	0.4767	0.1316	Non-genic
7	rs2107351	T	C	0.04688	0.4518	0.2368	Non-genic
7	rs2110871	G	A	0.04688	0.506	0.2222	MAGI2
7	rs2116531	C	T	0.1719	0.5417	0.1944	DGKB
7	rs2140114	T	C	0.1207	0.5235	0.3158	SDK1
7	rs2233402	A	C	0.03125	0.4096	0.2105	NEUROD6
7	rs2244863	C	T	0.2969	0.7267	0.3421	Non-genic
7	rs2248842	A	G	0.125	0.564	0.3158	Non-genic
7	rs2284215	G	T	0.1875	0.4882	0.07895	GPR37
7	rs2341825	A	C	0.7656	0.1	0.4444	PLXNA4
7	rs2365511	G	A	0.07812	0.4702	0.2368	RNF32
7	rs2365695	G	T	0.4844	0.07558	0.4211	Non-genic
7	rs2367090	A	C	0.03125	0.2467	0.1053	Non-genic
7	rs2374983	G	A	0.1562	0.6145	0.3158	PPP1R9A
7	rs2521720	A	G	0.2969	0.872	0.4167	Non-genic
7	rs2525826	T	G	0.6094	0.2089	0.4211	Non-genic
7	rs2526632	C	A	0.1875	0.5765	0.2105	HDAC9
7	rs259139	A	C	0.1562	0.4231	0.08333	Non-genic
7	rs2708997	C	T	0.1719	0.4679	0.1667	Non-genic
7	rs2728468	C	T	0.07812	0.3193	0.07895	Non-genic
7	rs2730257	C	T	0.5312	0.05294	0.4474	VIPR2
7	rs2886792	T	C	0.375	0.01974	0.2632	SEMA3C
7	rs2951367	G	A	0.09375	0.4706	0.2647	Non-genic
7	rs321966	C	T	0	0.2151	0.05263	MAGI2
7	rs41690	T	C	0.2812	0.7267	0.3611	C7orf58
7	rs4720954	C	T	0.01562	0.3803	0.1562	Non-genic
7	rs4722752	T	C	0.3438	0.7384	0.4444	JAZF1
7	rs4727133	C	T	0.5469	0.2062	0.4474	KIAA1324L
7	rs4730287	G	A	0	0.3512	0.1053	LAMB4
7	rs502694	T	C	0.1562	0.564	0.1842	Non-genic
7	rs504229	G	T	0.5469	0.1747	0.3684	Non-genic
7	rs590246	G	A	0.5781	0.06977	0.3684	PSMA2
7	rs616709	A	G	0.1562	0.5588	0.1842	Non-genic
7	rs6415363	A	G	0.2656	0.5174	0.2632	Non-genic
7	rs6461503	T	C	0.1875	0.5872	0.2368	Non-genic
7	rs6945372	G	A	0.7344	0.09412	0.4722	PHF14
7	rs6957997	A	C	0.5625	0.07927	0.3947	ELMO1
7	rs6969246	T	C	0.4688	0.03529	0.3947	Non-genic
7	rs6977312	A	G	0.4844	0.4939	0.4474	Non-genic
7	rs719319	C	T	0.07812	0.5062	0.2368	Non-genic
7	rs719917	T	C	0.5469	0.1176	0.3824	Non-genic
7	rs721347	T	C	0.0625	0.3647	0.1053	Non-genic
7	rs723340	A	G	0.07812	0.5294	0.2632	AUTS2
7	rs726369	T	C	0.6719	0.8056	0.375	Non-genic

7	rs7458065	T	G	0.04688	0.4244	0.1842	Non-genic
7	rs7777178	G	A	0.2031	0.5	0.3421	DGKB
7	rs7784234	A	G	0.2656	0.06471	0.3056	Non-genic
7	rs7785757	A	G	0.1094	0.6279	0.3684	Non-genic
7	rs7794184	C	T	0.3906	0.1139	0.3824	Non-genic
7	rs7800027	A	G	0.01562	0.3274	0.02632	DGKB
7	rs7800941	A	G	0.01562	0.1892	0	Non-genic
7	rs7809986	G	A	0.2969	0.7059	0.5	MAGI2
7	rs801839	C	T	0.2344	0.6726	0.2368	ZNF804B
7	rs848879	T	C	0.6094	0.2078	0.4688	Non-genic
7	rs849059	T	C	0	0.343	0.1579	Non-genic
7	rs854100	A	G	0.0625	0.4114	0.1579	Non-genic
7	rs854104	A	G	0.0625	0.1667	0.02632	Non-genic
7	rs854726	T	C	0.3125	0.686	0.3889	PPP1R9A
7	rs92	C	T	0.1875	0.494	0.2895	Non-genic
7	rs928923	T	C	0.2031	0.6163	0.3158	Non-genic
7	rs9690428	T	C	0.2812	0.6353	0.4167	Non-genic
7	rs1022874 8	T	C	0.2969	0.07831	0.1053	MAGI2
7	rs1024805 1	C	T	0.1719	0.5824	0.3947	COBL
7	rs1027446 5	T	C	0.7656	0.3	0.4211	SDK1
7	rs1027820 5	T	C	0.1094	0.5183	0.3158	SDK1
7	rs1027995 6	A	G	0.2188	0.1105	0.02632	Non-genic
7	rs1048588 0	A	G	0.01562	0.1375	0.3235	MAGI2
7	rs1048614 6	A	C	0.4219	0.04651	0.2105	THSD7A
7	rs1048615 8	C	T	0.75	0.2024	0.3889	COL28A1
7	rs1048672 2	C	T	0.6562	0.3171	0.25	Non-genic
7	rs1048681 3	T	G	0.5156	0.1875	0.3158	C7orf10
7	rs1048730 2	G	A	0.7188	0.2235	0.4474	IMMP2L
7	rs1048753 1	G	A	0.03125	0.4451	0.2778	Non-genic
7	rs1048754 4	C	T	0.75	0.2469	0.4211	Non-genic
7	rs1048755 3	G	A	0.6562	0.1845	0.3684	Non-genic
7	rs1048779 0	C	T	0.4844	0.1125	0.1667	Non-genic
7	rs1048781 1	C	T	0.8594	0.8013	0.5	Non-genic
7	rs1048790 1	T	C	0.1094	0.5655	0.3684	Non-genic
7	rs1048837	C	T	0.8281	0.1765	0.3421	PLXNA4

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7	rs1048840 2	C	T	0.4062	0.08434	0.1316	Non-genic
7	rs1048860 6	C	T	0.6094	0.1412	0.3421	PTN
7	rs1049933 5	T	C	0.1719	0.537	0.4167	SDK1
7	rs1050007 1	T	C	0.07812	0.6104	0.4722	Non-genic
7	rs1382618	C	T	0.03125	0.512	0.3421	Non-genic
7	rs1420426	A	G	0.2188	0.6688	0.4722	ELMO1
7	rs1420427	T	G	0.4219	0.1125	0.2368	ELMO1
7	rs1451015	G	A	0.125	0.5655	0.3684	BBS9
7	rs1458549	T	G	0.6034	0.2569	0.3889	Non-genic
7	rs1526543	G	A	0.07812	0.2817	0.2143	THSD7A
7	rs1528098	A	G	0.5938	0.06395	0.2368	DGKI
7	rs2074136	C	T	0.3906	0.0679	0.1842	Non-genic
7	rs2108780	C	A	0	0.3837	0.3158	Non-genic
7	rs2141531	G	T	0	0.2121	0.1579	Non-genic
7	rs2189990	A	G	0.125	0.506	0.3684	Non-genic
7	rs2191892	T	C	0.375	0.09036	0.2105	Non-genic
7	rs2204122	A	C	0.8125	0.3171	0.5	SDK1
7	rs2222689	G	A	0	0.4085	0.2632	Non-genic
7	rs2363830	G	T	0.4062	0.06977	0.1842	DENND2A
7	rs2365509	T	C	0.09375	0.494	0.3421	RNF32
7	rs2392151	C	T	0.8281	0.3961	0.5	Non-genic
7	rs2707575	G	A	0.04688	0.5241	0.3529	CNTNAP2
7	rs2862797	G	A	0.0625	0.5	0.3158	ZNF107
7	rs2961258	C	T	0.07407	0.5482	0.3158	Non-genic
7	rs308143	T	G	0.6406	0.07792	0.2368	Non-genic
7	rs308177	T	C	0.6562	0.07229	0.2632	Non-genic
7	rs4719328	A	G	0.6094	0.2384	0.3158	Non-genic
7	rs4720303	G	A	0	0.2532	0.1471	VPS41
7	rs4726411	A	C	0.8125	0.2849	0.4737	DPP6
7	rs5007445	C	A	0.6406	0.2436	0.2941	Non-genic
7	rs509853	A	G	0.01562	0.3476	0.1944	Non-genic
7	rs6461856	T	G	0.3125	0.2321	0.2105	Non-genic
7	rs6462243	A	G	0.6719	0.2134	0.3889	SDK1
7	rs6462481	T	C	0.7344	0.3471	0.4474	BBS9
7	rs6464907	T	C	0.75	0.3235	0.4737	Non-genic
7	rs6956114	G	A	0.07812	0.7384	0.4474	DOCK4
7	rs6964209	T	C	0.3906	0.1	0.2368	Non-genic
7	rs6977800	A	G	0.2344	0.5938	0.4737	COL28A1
7	rs720659	C	A	0.5312	0.2035	0.2895	JAZF1
7	rs7777070	G	A	0.875	0.2267	0.4474	Non-genic
7	rs7782606	T	C	0.5156	0.1628	0.2222	CADPS2
7	rs7793555	A	G	0.4219	0.2706	0.05263	SEMA3C
7	rs7798423	G	A	0.3594	0.04321	0.2	MAGI2
7	rs7798447	C	T	0.2031	0.6369	0.4474	Non-genic

7	rs7798474	T	G	0.1719	0.564	0.4474	TTC26
7	rs7798970	A	G	0.2969	0.5733	0.4688	Non-genic
7	rs7810980	C	A	0.5156	0.08721	0.1842	HIP1
7	rs834767	G	A	0.04688	0.4753	0.3333	Non-genic
7	rs953023	A	G	0.6094	0.2561	0.3158	Non-genic
8	rs7002063	A	G	0.1094	0.6744	0.2105	NRG1
8	rs2062055	G	A	0.125	0.5641	0.4474	NRG1
8	rs723811	G	A	0.5	0.1279	0.2895	NRG1
8	rs1050360						
8	7	T	G	0.3594	0.08235	0.2632	PCM1
8	rs1057187	G	T	0.7656	0.4114	0.4474	MCPH1
8	rs2034143	A	G	0.75	0.2035	0.3421	MCPH1
8	rs208756	C	A	0.5938	0.2151	0.3947	PCM1
8	rs2019726	C	T	0.3	0.3393	0.1111	WRN
8	rs2957457	C	T	0	0.3353	0.1053	ZFPM2
8	rs1027479	T	C	0.09375	0.6728	0.3056	Non-genic
8	rs1030080	A	G	0.1562	0.5465	0.3158	Non-genic
8	rs1050323						
8	8	G	A	0	0.45	0.1944	CSMD1
8	rs1050329						
8	6	G	A	0.01562	0.3471	0.1579	CSMD1
8	rs1050330						
8	4	A	G	0.09375	0.506	0.2222	Non-genic
8	rs1050330						
8	5	C	A	0.2188	0.5443	0.25	Non-genic
8	rs1050361						
8	6	C	T	0	0.1883	0.08824	PSD3
8	rs1050384						
8	7	G	A	0.03125	0.3605	0.1053	Non-genic
8	rs1050387						
8	3	C	T	0.01562	0.4535	0.1316	GTF2E2
8	rs1050399						
8	1	A	G	0.4375	0.68	0.3235	Non-genic
8	rs1050400						
8	9	C	T	0.25	0.7733	0.4737	Non-genic
8	rs1050404						
8	8	T	C	0.3125	0.04651	0.3158	MYST3
8	rs1050419						
8	7	T	G	0.04688	0.3333	0.07895	Non-genic
8	rs1050471						
8	7	G	A	0.4375	0.1437	0.4474	ZNF704
8	rs1050471						
8	9	T	G	0.4375	0.1104	0.4412	ZNF704
8	rs1050479						
8	2	T	C	0.04688	0.18	0.0625	RALYL
8	rs1050482						
8	6	G	A	0.1094	0.8471	0.3684	CNGB3
8	rs1050482						
8	8	G	T	0.25	0.6402	0.3947	CNBD1
8	rs1050488						
8	5	A	C	0.4844	0.1084	0.4167	NBN
8	rs1050490						
8	4	G	A	0.1406	0.4405	0.1842	SLC26A7



8	rs1050498 3	T	G	0.4844	0.128	0.4211	LAPTM4B
8	rs1050510 5	A	G	0.03125	0.2	0.1111	ANGPT1
8	rs1050519 7	T	C	0.3594	0.05625	0.2632	CSMD3
8	rs1050520 5	C	T	0.0625	0.4226	0.2105	Non-genic
8	rs1050555 9	T	C	0.03125	0.3895	0.1316	Non-genic
8	rs1050556 0	C	T	0.01562	0.2531	0.05263	Non-genic
8	rs1110854	T	C	0.1719	0.5988	0.2368	Non-genic
8	rs1362911	A	C	0.6406	0.1221	0.4211	PURG
8	rs1378415	T	C	0.4062	0.1	0.4211	Non-genic
8	rs1390049	G	A	0	0.3133	0.08333	Non-genic
8	rs1402513	T	C	0.04688	0.5361	0.25	Non-genic
8	rs1444492	G	A	0	0.4882	0.2368	Non-genic
8	rs1477556	C	T	0.2969	0.657	0.4737	CPA6
8	rs1483821	G	A	0.4219	0.125	0.3611	Non-genic
8	rs1488024	G	A	0.4688	0.09302	0.3125	Non-genic
8	rs1587014	C	A	0.4844	0.1145	0.3158	Non-genic
8	rs1603681	A	G	0.01562	0.407	0.1579	Non-genic
8	rs1688071 5	G	T	0.1406	0.7535	0.3421	Non-genic
8	rs1714757	C	A	0.0625	0.5854	0.2105	CSMD1
8	rs1873547	A	G	0.125	0.4826	0.1842	SLCO5A1
8	rs1880014	T	C	0.1875	0.5312	0.2812	Non-genic
8	rs1913653	C	T	0.2656	0.443	0.09375	Non-genic
8	rs1962044	T	C	0	0.3072	0	Non-genic
8	rs196885	C	T	0.4062	0.1131	0.4444	Non-genic
8	rs2014286	A	G	0.7656	0.08721	0.4474	EFHA2
8	rs2097585	T	C	0.07812	0.6325	0.2895	Non-genic
8	rs2132167	A	G	0.4219	0.7616	0.4167	Non-genic
8	rs2163120	C	T	0.5625	0.04167	0.3158	Non-genic
8	rs2256827	T	C	0.07812	0.5706	0.2895	Non-genic
8	rs2318832	A	C	0.1875	0.7798	0.3684	Non-genic
8	rs2385545	C	T	0.1875	0.7151	0.4444	Non-genic
8	rs2410373	C	A	0.1406	0.5529	0.2368	Non-genic
8	rs2582454	C	T	0.6406	0.1337	0.4737	Non-genic
8	rs2610118	T	C	0.04688	0.6395	0.2778	Non-genic
8	rs2613841	C	T	0	0.5529	0.2105	Non-genic
8	rs284494	G	A	0.625	0.1645	0.4688	Non-genic
8	rs284495	T	C	0.3438	0.7727	0.3611	Non-genic
8	rs2853255	A	G	0.1875	0.5294	0.2895	-
8	rs285809	C	T	0	0.3289	0.0625	Non-genic
8	rs2979269	G	A	0.2188	0.494	0.2222	Non-genic
8	rs3015796	C	T	0.1406	0.6395	0.2895	Non-genic
8	rs3925055	C	T	0.625	0.1494	0.4118	Non-genic
8	rs425140	A	G	0.03125	0.3895	0.1842	Non-genic

8	rs4286925	G	A	0	0.5062	0.2222	Non-genic
8	rs532398	G	T	0	0.2824	0.07895	Non-genic
8	rs6470858	A	G	0	0.3819	0.09375	SLC7A13
8	rs6981145	C	T	0.2344	0.5412	0.1579	Non-genic
8	rs6983307	A	G	0.2812	0.8081	0.4474	ST18
8	rs7000419	A	G	0.3125	0.7674	0.3421	Non-genic
8	rs7017679	G	A	0.3906	0.7083	0.3158	Non-genic
8	rs718121	C	T	0.1094	0.6265	0.3611	CSMD1
8	rs723231	A	C	0.3438	0.09877	0.3947	Non-genic
8	rs7816962	C	T	0.07812	0.4529	0.2632	Non-genic
8	rs7818967	C	T	0	0.2342	0.08824	Non-genic
8	rs870215	A	G	0.5156	0.09884	0.4474	SLC39A14
8	rs903717	T	C	0.5938	0.9639	0.4474	Non-genic
8	rs925940	C	T	0.2656	0.7024	0.4737	Non-genic
8	rs9297533	A	G	0.6406	0.8155	0.3824	Non-genic
8	rs9297643	G	A	0.03125	0.3148	0.07895	Non-genic
8	rs9314338	A	G	0.04688	0.3547	0.1316	Non-genic
8	rs9314455	A	G	0.2656	0.6765	0.3684	Non-genic
8	rs9325782	C	T	0.4219	0.04167	0.2632	Non-genic
8	rs1035746	A	G	0.6562	0.247	0.3889	Non-genic
8	rs1050317 3	A	G	0.2969	0.04706	0.1316	Non-genic
8	rs1050317 4	G	A	0.5312	0.08721	0.2368	Non-genic
8	rs1050334 7	C	T	0.03125	0.5235	0.3889	Non-genic
8	rs1050358 5	C	T	0.2031	0.6765	0.4737	Non-genic
8	rs1050432 6	C	T	0.1719	0.5854	0.3947	CLVS1
8	rs1050447 8	C	T	0.5	0.1279	0.2632	Non-genic
8	rs1050461 9	A	G	0.4844	0.1513	0.2812	Non-genic
8	rs1050467 1	G	A	0	0.2143	0.2059	Non-genic
8	rs1050469 6	A	G	0.8906	0.2706	0.5	Non-genic
8	rs1050486 7	G	T	0	0.3446	0.3333	Non-genic
8	rs1050490 2	A	G	0.3438	0.05233	0.05263	NECAB1
8	rs1050491 5	G	A	0.06452	0.4321	0.2632	Non-genic
8	rs1050498 9	T	C	0	0.58	0.3333	VPS13B
8	rs1050511 1	G	A	0.375	0.05952	0.1176	Non-genic
8	rs1050513 6	T	C	0.2188	0.025	0.02778	Non-genic
8	rs1050529 3	A	G	0.75	0.241	0.3947	Non-genic

8	rs1050536 4	G	A	0.125	0.6471	0.4444	Non-genic
8	rs1050548 1	A	G	0.6719	0.2976	0.3421	Non-genic
8	rs1050560 6	T	C	0.4219	0.09302	0.1579	NDRG1
8	rs1050566 5	A	G	0.4531	0.1337	0.2368	Non-genic
8	rs1073068	G	T	0.7031	0.2922	0.4444	SGCZ
8	rs1346729	T	C	0.625	0.179	0.3684	Non-genic
8	rs1377882	T	G	0.5938	0.2118	0.2368	Non-genic
8	rs1383160	T	G	0.5	0.1807	0.1842	Non-genic
8	rs1384039	C	A	0.01562	0.4244	0.2895	Non-genic
8	rs1397371	G	T	0.5312	0.03488	0.2632	Non-genic
8	rs1425058	G	A	0.5938	0.189	0.2647	Non-genic
8	rs1425903	G	A	0.5625	0.1294	0.2632	Non-genic
8	rs1435282	G	A	0.125	0.6977	0.4474	Non-genic
8	rs1444027	A	G	0	0.5529	0.3158	Non-genic
8	rs1447207	C	T	0.6774	0.2025	0.3684	Non-genic
8	rs1454953	T	C	0.5781	0.1744	0.3158	DLC1
8	rs1596434	G	A	0.125	0.6299	0.3947	Non-genic
8	rs1607545	A	G	0	0.2372	0.1842	Non-genic
8	rs1991718	T	C	0.5625	0.1882	0.3158	KCNQ3
8	rs1992203	T	G	0.01562	0.3354	0.3158	CSMD1
8	rs1992721	G	A	0.1562	0.5	0.3889	ENPP2
8	rs2170116	A	G	0.7344	0.1471	0.4211	Non-genic
8	rs2175306	C	T	0.2656	0.09036	0.1111	Non-genic
8	rs2290471	G	A	0.5156	0.1395	0.3158	MATN2
8	rs2316692	T	G	0.5156	0.09524	0.2105	Non-genic
8	rs2319928	A	G	0.7656	0.35	0.4737	-
8	rs2339228	A	G	0.875	0.4691	0.4737	Non-genic
8	rs2623825	T	C	0.01562	0.226	0.1471	Non-genic
8	rs2627490	G	A	0.75	0.3554	0.4167	CSMD1
8	rs285402	T	C	0.8125	0.3598	0.4722	Non-genic
8	rs2883470	T	C	0.6719	0.1882	0.3611	Non-genic
8	rs2928579	T	C	0	0.343	0.2895	AGPAT5
8	rs2939655	A	G	0.1562	0.5235	0.3421	XKR4
8	rs2980817	G	A	0.0625	0.5	0.3421	Non-genic
8	rs3110150	A	G	0.1562	0.5176	0.5	Non-genic
8	rs3133724	T	C	0.07812	0.4819	0.3056	Non-genic
8	rs323372	G	A	0.6094	0.2048	0.2895	Non-genic
8	rs4128469	A	G	0.07812	0.4419	0.3158	Non-genic
8	rs416011	C	T	0.1406	0.4688	0.3158	Non-genic
8	rs4284070	A	G	0.3594	0.09259	0.1471	Non-genic
8	rs4593549	A	G	0.6875	0.2326	0.3684	SLC25A37
8	rs4639531	C	T	0.4062	0.1111	0.1667	Non-genic
8	rs4732617	G	A	0.03125	0.2381	0.2105	SCARA5
8	rs4733809	C	T	0.6875	0.2151	0.4211	Non-genic
8	rs6468274	C	A	0.04688	0.5361	0.3421	Non-genic

8	rs6469563	C	T	0.125	0.5407	0.4737	Non-genic
8	rs6601578	A	G	0.09375	0.4941	0.3421	Non-genic
8	rs6651173	A	G	0.4844	0.1765	0.2632	KCNQ3
8	rs6984427	T	C	0	0.5756	0.3421	PXDNL
8	rs6991428	C	T	0.625	0.2294	0.2368	CSMD1
8	rs6994019	G	T	0.2031	0.6627	0.5	MMP16
8	rs7009724	G	T	0.75	0.2901	0.3333	Non-genic
8	rs7011741	A	G	0.0625	0.375	0.2895	Non-genic
8	rs7017610	A	G	0.09375	0.7381	0.4211	Non-genic
8	rs720131	A	G	0.6875	0.2952	0.4474	Non-genic
8	rs7829511	G	A	0.8906	0.5059	0.3333	Non-genic
8	rs7832475	C	T	0.7969	0.1919	0.3947	SAMD12
8	rs7833413	G	A	0.3438	0.04651	0.1579	SDCBP
8	rs7837830	G	A	0.4219	0.09884	0.2105	CSMD1
8	rs7844834	A	C	0.6094	0.1802	0.2895	FAM167A
8	rs899427	A	G	0.75	0.1118	0.3684	Non-genic
8	rs921777	A	G	0.5	0.157	0.1579	Non-genic
8	rs926135	C	T	0.4375	0.1266	0.2778	Non-genic
8	rs9314465	G	T	0.6562	0.1533	0.3684	Non-genic
8	rs9325747	A	C	0.4688	0.1627	0.2105	SGCZ
8	rs949988	A	G	0.3438	0.05952	0.1579	Non-genic
8	rs969160	C	T	0.625	0.157	0.3684	Non-genic
9	rs1927914	A	G	0.1094	0.6337	0.4444	TLR4
9	rs2304779	C	T	0.01562	0.2267	0.07895	IKBKAP
9	rs1049151 6	G	A	0.01562	0.4535	0.2222	Non-genic
9	rs1049158 4	G	A	0.5	0.02941	0.3421	DMRT1
9	rs1049159 0	T	C	0.4844	0.1105	0.3611	KANK1
9	rs1049164 7	A	G	0	0.2202	0.1053	C9orf46
9	rs1051151 1	T	C	0.01562	0.3038	0.05882	PTPRD
9	rs1051152 8	C	T	0.2031	0.75	0.3947	PTPRD
9	rs1051162 1	T	C	0.5625	0.09146	0.3684	BNC2
9	rs1051188 5	G	A	0.2031	0.5864	0.3947	Non-genic
9	rs1051188 8	A	G	0.1094	0.4259	0.2222	Non-genic
9	rs1051190 5	G	A	0.03125	0.3086	0.02941	Non-genic
9	rs1051194 5	C	T	0.3594	0.7353	0.4474	Non-genic
9	rs1051195 8	C	T	0.4531	0.04706	0.3056	PGM5
9	rs1051204 0	C	T	0.1562	0.6867	0.2368	Non-genic
9	rs1051216 8	G	A	0.07812	0.4412	0.1316	Non-genic

9	rs1051223 0	T	G	0	0.3353	0.07895	Non-genic
9	rs1051227 3	G	A	0.1719	0.4128	0.07895	Non-genic
9	rs1051240 2	A	G	0.3594	0.09884	0.3158	AKAP2
9	rs1051334 2	G	A	0	0.3631	0.05263	Non-genic
9	rs1051341 3	C	T	0	0.3721	0.1053	Non-genic
9	rs1051347 3	A	G	0	0.3704	0.08333	RALGPS1
9	rs1052108 3	C	A	0.03125	0.3133	0.1579	RAD23B
9	rs1330823	C	T	0.01562	0.6438	0.1944	Non-genic
9	rs1333107	C	T	0.4219	0.6375	0.4737	PTPRD
9	rs1342022	A	G	0.2969	0.6647	0.4737	Non-genic
9	rs1372338	C	T	0	0.3721	0.1579	ASTN2
9	rs1396634	C	T	0.5	0.1176	0.3158	Non-genic
9	rs1407972	C	T	0.4844	0.8077	0.3824	PTPRD
9	rs1412096	A	C	0.03125	0.3397	0.05556	PTPRD
9	rs1412184	C	T	0.3906	0.7176	0.3158	Non-genic
9	rs1576161	T	G	0.3594	0.1337	0.4737	Non-genic
9	rs1832325	G	A	0.2969	0.08721	0.4211	Non-genic
9	rs1855217	T	C	0.4844	0.5685	0.3125	PTPRD
9	rs1889340	C	A	0.1719	0.6118	0.3158	Non-genic
9	rs1928415	C	T	0.2188	0.7616	0.3684	KANK1
9	rs1930021	T	C	0.04688	0.3375	0.1316	Non-genic
9	rs1980874	A	G	0.625	0.1221	0.3947	AKAP2
9	rs1983975	A	G	0.4062	0.04762	0.3684	Non-genic
9	rs2009991	T	C	0.03125	0.3721	0.1316	Non-genic
9	rs204190	T	G	0.375	0.7952	0.4706	Non-genic
9	rs2095121	A	G	0.2656	0.03488	0.2368	GABBR2
9	rs2146079	A	G	0.25	0.6047	0.3158	DNAJC25
9	rs2147248	G	A	0.2656	0.02941	0.2105	Non-genic
9	rs2185935	T	C	0.0625	0.3488	0.1579	Non-genic
9	rs2300939	T	C	0.375	0.03529	0.2632	C5
9	rs2769612	C	T	0.2188	0.6235	0.3611	Non-genic
9	rs2900142	T	C	0.1719	0.4684	0.1842	Non-genic
9	rs3176757	A	G	0.01562	0.3882	0.1316	NCPB1
9	rs328018	T	C	0.7188	0.1118	0.4737	SLC44A1
9	rs4135188	C	T	0	0.3393	0.1389	TXN
9	rs4348562	T	G	0.5938	0.1084	0.4211	Non-genic
9	rs4440695	T	C	0.3594	0.03571	0.3158	Non-genic
9	rs4743707	A	G	0.2344	0.561	0.3421	Non-genic
9	rs4879382	A	C	0.1094	0.5064	0.2812	Non-genic
9	rs4977824	C	T	0.1719	0.7662	0.4412	Non-genic
9	rs590086	T	C	0.2188	0.8452	0.3684	ASS1
9	rs670410	C	T	0.1094	0.8023	0.3947	RALGPS1
9	rs7024617	T	C	0.2656	0.05233	0.3158	Non-genic

9	rs7026716	G	A	0.09375	0.2674	0.07895	KANK1
9	rs7041743	C	T	0.4062	0.09036	0.4444	ASTN2
9	rs721905	C	T	0.1094	0.4747	0.2368	Non-genic
9	rs7862716	C	T	0.2812	0.7294	0.5	FREM1
9	rs7869364	G	T	0	0.2229	0.07895	GABBR2
9	rs9299022	G	A	0.1562	0.6529	0.3947	Non-genic
9	rs966390	A	G	0.2656	0.561	0.3333	Non-genic
9	rs968079	A	G	0.4375	0.7424	0.5	PTPRD
9	rs1049152 6	G	A	0.5625	0.2342	0.2308	Non-genic
9	rs1051197 4	G	A	0.9062	0.3929	0.4474	C9orf135
9	rs1051201 4	C	T	0	0.4337	0.2647	Non-genic
9	rs1051481 5	C	A	0.2188	0.7143	0.5	ECM2
9	rs1051481 9	T	C	0.4844	0.08642	0.2105	Non-genic
9	rs1389563	T	C	0	0.5179	0.3421	KANK1
9	rs1399428	T	C	0.125	0.5064	0.4444	Non-genic
9	rs1452336	A	G	0.09375	0.5116	0.3684	LINGO2
9	rs1536521	T	C	0.6719	0.1529	0.3684	Non-genic
9	rs1746154	A	G	0.4688	0.1	0.1842	Non-genic
9	rs1831266	T	G	0.5625	0.1977	0.1579	DOCK8
9	rs1885429	T	C	0	0.3784	0.2368	Non-genic
9	rs192703	T	C	0.125	0.686	0.4474	Non-genic
9	rs1933580	T	C	0.7656	0.25	0.5	Non-genic
9	rs1953805	C	A	0	0.375	0.3158	Non-genic
9	rs1998976	A	C	0.5156	0.03125	0.25	RFX3
9	rs2027005	T	G	0.75	0.2798	0.4737	TLE4
9	rs2149814	C	A	0.5	0.2035	0.2105	Non-genic
9	rs2197008	G	A	0.09375	0.6012	0.4167	Non-genic
9	rs2282039	T	G	0	0.2294	0.1316	Non-genic
9	rs2309741	G	A	0.07812	0.526	0.3333	TRPM3
9	rs2641998	C	A	0	0.5353	0.3421	KANK1
9	rs2804284	G	A	0.1094	0.5176	0.4211	KANK1
9	rs4319185	T	C	0.4688	0.1395	0.1579	UBAP1
9	rs439269	T	C	0.5938	0.08434	0.2105	Non-genic
9	rs4461995	C	T	0.3594	0.1013	0.1875	Non-genic
9	rs4625093	A	G	0.07812	0.4477	0.3421	Non-genic
9	rs4743380	G	A	0.2969	0.6786	0.5	ERP44
9	rs4977848	A	G	0.03125	0.3412	0.25	KIAA1797
9	rs4977867	A	G	0.8906	0.8026	0.4375	Non-genic
9	rs586348	G	A	0.01562	0.5523	0.3947	Non-genic
9	rs6560277	C	T	0.09375	0.5116	0.3421	Non-genic
9	rs7019271	G	A	0.5156	0.1706	0.3158	Non-genic
9	rs7020261	G	A	0.5156	0.1163	0.25	DOCK8
9	rs7021834	T	C	0.4375	0.1131	0.1579	Non-genic
9	rs7030035	T	C	0.03125	0.3614	0.2105	GDA
9	rs7032778	A	G	0.7031	0.3072	0.4737	DOCK8

9	rs7034018	T	C	0.5938	0.1628	0.1316	Non-genic
9	rs7041758	T	C	0.5312	0.1471	0.2895	Non-genic
9	rs718447	A	G	0.5781	0.2561	0.3333	TRPM3
9	rs719535	T	C	0.1719	0.5714	0.4737	ASTN2
9	rs724248	T	C	0.1562	0.5581	0.3684	Non-genic
9	rs7850256	T	C	0.04688	0.3735	0.3667	Non-genic
9	rs7872034	G	A	0.1719	0.5494	0.3947	SMC2
9	rs787887	G	A	0.625	0.247	0.2895	C9orf171
9	rs9299118	A	G	0.03125	0.1818	0.3077	Non-genic
9	rs955387	A	G	0	0.1714	0.2692	Non-genic
9	rs998599	G	A	0.2344	0.5526	0.4062	SH3GL2
10	rs7073119	A	G	0.2031	0.6071	0.4444	GAD2
10	rs7093376	A	G	0.1406	0.7882	0.2778	NRG3
10	rs1649940	C	T	0.4844	0.1481	0.2105	NRG3
10	rs2207782	G	A	0.1094	0.6329	0.4706	NRG3
10	rs7069222	G	A	0.125	0.5952	0.4211	NRG3
10	rs4406737	A	G	0.6875	0.3393	0.4211	FAS
10	rs1049097 5	G	T	0.5	0.8706	0.5	PRKG1
10	rs3781001	T	C	0.2031	0.4813	0.3125	ADAM12
10	rs1050895 8	C	A	0.07812	0.4383	0.2647	PRKG1
10	rs7922269	G	T	0.04688	0.4451	0.3158	LIPA
10	rs960941	G	A	0.6406	0.07143	0.4412	NEBL
10	rs2505535	A	G	0	0.3294	0.05263	RET
10	rs1049103 0	G	A	0.2344	0.5581	0.2368	Non-genic
10	rs1049486 7	C	A	0.3594	0.7917	0.4211	Non-genic
10	rs1050820 1	C	T	0.03125	0.2558	0.02632	ZMYND11
10	rs1050824 5	T	G	0.04688	0.3198	0.1053	PFKP
10	rs1050829 5	C	T	0	0.2907	0.1053	C10orf18
10	rs1050836 2	G	A	0.5	0.66	0.4643	Non-genic
10	rs1050837 9	G	A	0.1562	0.5893	0.3421	Non-genic
10	rs1050847 1	A	G	0.07812	0.4529	0.1316	FRMD4A
10	rs1050848 6	A	G	0.0625	0.6221	0.1842	Non-genic
10	rs1050850 6	A	G	0.3594	0.6686	0.3947	Non-genic
10	rs1050852 3	T	C	0.01562	0.3155	0.1579	ST8SIA6
10	rs1050858 1	T	C	0.4688	0.1543	0.3889	Non-genic
10	rs1050861 3	G	A	0.4219	0.1047	0.4211	PLXDC2
10	rs1050866	T	C	0.1406	0.488	0.1316	KIAA1217

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10	rs1050868 3	A	G	0.2812	0.9702	0.5	Non-genic
10	rs1050869 5	T	C	0.5	0.1667	0.4722	GPR158
10	rs1050876 8	T	G	0.5625	0.1235	0.4167	Non-genic
10	rs1050877 5	A	G	0.01562	0.3198	0.1053	C10orf68
10	rs1050881 2	A	G	0	0.5119	0.1053	PARD3
10	rs1050881 3	C	T	0.07812	0.5116	0.1842	PARD3
10	rs1050919 9	A	C	0	0.3663	0.1579	Non-genic
10	rs1050923 6	A	G	0.5	0.1163	0.4167	Non-genic
10	rs1050930 1	C	T	0	0.3193	0.07895	RUFY2
10	rs1050936 1	G	A	0.1094	0.561	0.2895	C10orf11
10	rs1050947 5	T	C	0.2969	0.6768	0.3529	Non-genic
10	rs1050956 7	A	G	0.03125	0.3941	0.1944	Non-genic
10	rs1050964 6	C	T	0.6719	0.2791	0.5	Non-genic
10	rs1050973 2	A	G	0.04688	0.6412	0.3421	Non-genic
10	rs1109609	T	C	0.3906	0.756	0.3158	Non-genic
10	rs1122556	G	A	0.07812	0.4217	0.2105	FAM178A
10	rs1199098	C	T	0.2812	0.7035	0.3947	Non-genic
10	rs1248994	G	A	0.125	0.6506	0.1944	Non-genic
10	rs1325591	A	G	0	0.2744	0.02941	Non-genic
10	rs1342273	T	C	0.5156	0.1118	0.3611	MXI1
10	rs1345107	A	G	0.3438	0.06471	0.2368	ARHGAP22
10	rs1387837	G	A	0.2031	0.7151	0.3421	Non-genic
10	rs1408344	A	C	0.04688	0.3976	0.1053	Non-genic
10	rs1431486	T	G	0.2656	0.02353	0.1944	PNLIPRP3
10	rs1473737	C	T	0.09375	0.4477	0.1842	Non-genic
10	rs1561852	C	A	0.04688	0.5	0.1842	Non-genic
10	rs1652713	C	T	0.4688	0.7035	0.3684	Non-genic
10	rs1762002	A	G	0.1719	0.6279	0.1579	Non-genic
10	rs1763895	C	T	0.3438	0.8125	0.5	Non-genic
10	rs1774226	A	G	0.4688	0.6795	0.2778	Non-genic
10	rs180647	C	T	0.2812	0.5926	0.3889	Non-genic
10	rs1848797	G	A	0.01562	0.2824	0.07895	Non-genic
10	rs1880066	G	A	0.2344	0.5523	0.3421	Non-genic
10	rs1888665	A	C	0.07812	0.4882	0.2632	Non-genic
10	rs1900493	T	C	0.2656	0.6039	0.375	Non-genic
10	rs1909437	G	A	0.5781	0.2384	0.4474	ADARB2
10	rs1911323	T	G	0.2812	0.04762	0.1842	CTNNA3



10	rs1914561	C	T	0.375	0.09494	0.2632	Non-genic
10	rs1923658	C	T	0.1562	0.6919	0.4211	Non-genic
10	rs1924715	G	A	0.01562	0.369	0.1579	Non-genic
10	rs1929609	T	C	0.0625	0.6905	0.3158	Non-genic
10	rs1941996	T	G	0.03125	0.216	0.02632	CTNNA3
10	rs2039709	G	T	0.2031	0.6341	0.3158	Non-genic
10	rs2172407	C	T	0.04688	0.311	0.07895	Non-genic
10	rs2209975	C	T	0.1719	0.475	0.2368	Non-genic
10	rs2249295	G	A	0.6562	0.2	0.4444	ATRNL1
10	rs2250939	T	C	0.5	0.08333	0.3333	Non-genic
10	rs2250942	G	A	0.5	0.04545	0.3611	Non-genic
10	rs2252728	T	G	0.3125	0.06977	0.2368	Non-genic
10	rs2255518	G	A	0.2969	0.75	0.4211	Non-genic
10	rs2255936	G	A	0.2812	0.8072	0.5	Non-genic
10	rs2351334	C	A	0.5	0.6412	0.4737	Non-genic
10	rs2358839	T	G	0.1562	0.6024	0.3158	PLXDC2
10	rs2400107	T	C	0.1719	0.6353	0.3947	Non-genic
10	rs2419577	C	T	0	0.3837	0.1842	Non-genic
10	rs2605512	G	A	0.2969	0.7093	0.3421	Non-genic
10	rs276214	G	A	0.5156	0.03488	0.3684	ITPRIP
10	rs2799573	C	T	0	0.3919	0.1875	CACNB2
10	rs2893721	A	G	0.1094	0.5602	0.2778	Non-genic
10	rs2921923	A	G	0.2188	0.6899	0.3947	PCDH15
10	rs2947344	A	G	0.1875	0.7529	0.4474	Non-genic
10	rs303502	T	C	0	0.1776	0.07895	Non-genic
10	rs3763795	C	A	0	0.2284	0.02778	C10orf81
10	rs3844127	C	A	0.01562	0.4136	0.1667	PARD3
10	rs3844492	A	G	0.4531	0.7791	0.3421	Non-genic
10	rs3862575	T	C	0.3281	0.04217	0.2368	Non-genic
10	rs396186	A	G	0.2812	0.7849	0.3421	Non-genic
10	rs4244961	T	C	0.09375	0.3663	0.1053	Non-genic
10	rs4485050	A	G	0.1094	0.3554	0.07895	Non-genic
10	rs582661	T	C	0.2188	0.6529	0.3947	COL17A1
10	rs596642	T	C	0.2031	0.6726	0.3947	Non-genic
10	rs7071904	C	T	0.6094	0.2353	0.4737	VPS26A
10	rs7078153	A	G	0.1875	0.6395	0.3421	DNMBP
10	rs7090904	G	T	0.25	0.6131	0.3889	Non-genic
10	rs7097617	A	G	0.04688	0.7118	0.3421	Non-genic
10	rs7477048	T	C	0	0.1875	0.02632	FAM190B
10	rs755627	A	G	0.3281	0.7965	0.4737	Non-genic
10	rs756308	T	C	0.3906	0.09302	0.3158	Non-genic
10	rs7915322	C	A	0.375	0.07558	0.2368	Non-genic
10	rs7917093	A	G	0.4062	0.09884	0.2895	MXI1
10	rs7920803	C	T	0.2031	0.5687	0.3611	MPP7
10	rs7922793	C	T	0.1094	0.3721	0.1053	Non-genic
10	rs7924284	C	T	0.4062	0.8837	0.5	CWF19L1
10	rs868691	T	C	0.5469	0.1919	0.3889	Non-genic
10	rs927099	T	C	0.09375	0.494	0.1579	NRP1

10	rs927351	G	A	0.0625	0.2988	0.07895	Non-genic
10	rs951753	A	C	0.5938	0.0814	0.3421	Non-genic
10	rs952965	A	G	0.2031	0.5588	0.3684	Non-genic
10	rs953093	T	C	0.4688	0.1603	0.4444	Non-genic
10	rs959127	A	G	0.2031	0.8488	0.4474	Non-genic
10	rs1049100 7	G	A	0.4844	0.1266	0.2632	Non-genic
10	rs1049102 0	A	G	0.3125	0.0375	0.1316	Non-genic
10	rs1050825 9	A	C	0.6875	0.2927	0.4211	Non-genic
10	rs1050826 6	T	G	0.01562	0.3176	0.1842	Non-genic
10	rs1050828 8	G	A	0.03125	0.3895	0.2632	Non-genic
10	rs1050835 1	G	A	0.1406	0.5407	0.4474	Non-genic
10	rs1050835 6	T	C	0.2188	0.5417	0.4211	Non-genic
10	rs1050840 9	T	C	0.3438	0.04819	0.1053	Non-genic
10	rs1050850 1	A	G	0.04688	0.3869	0.3824	RSU1
10	rs1050869 7	T	G	0.4844	0.1524	0.2368	GPR158
10	rs1050873 2	A	G	0.4375	0.05882	0.1842	MPP7
10	rs1050873 8	C	T	0.4688	0.1429	0.2941	Non-genic
10	rs1050887 4	C	T	0.6406	0.2674	0.3947	Non-genic
10	rs1050910 9	C	T	0.2344	0.7037	0.5	Non-genic
10	rs1050928 4	T	C	0.6406	0.157	0.3684	CTNNA3
10	rs1050932 6	G	A	0.01562	0.4118	0.2368	SGPL1
10	rs1050938 2	A	G	0.9688	0.6458	0.4286	KCNMA1
10	rs1050940 1	C	T	0.01562	0.3547	0.3158	Non-genic
10	rs1050942 0	C	T	0.5312	0.1325	0.07895	Non-genic
10	rs1050950 7	G	A	0.04688	0.3976	0.25	Non-genic
10	rs1050953 5	G	A	0.3906	0.1173	0.1389	Non-genic
10	rs1050972 2	C	T	0.7344	0.1529	0.4211	HPSE2
10	rs1050976 7	C	A	0.07812	0.4464	0.2778	Non-genic
10	rs1051003 8	A	G	0.07812	0.4167	0.3158	Non-genic
10	rs1051005	A	C	0.125	0.5723	0.5	Non-genic

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10	rs1051006 0	A	G	0	0.3086	0.1667	Non-genic
10	rs1274135	C	T	0.4375	0.1279	0.1316	Non-genic
10	rs1327002	C	T	0.2031	0.5789	0.4722	FRMD4A
10	rs1343709	A	G	0.7344	0.3438	0.4412	KIAA1217
10	rs1380316	T	G	0.5312	0.1824	0.2778	Non-genic
10	rs1404786	A	G	0.04688	0.1118	0.1786	SORCS3
10	rs1408377	T	C	0.2969	0.05128	0.05556	MINPP1
10	rs1416560	A	G	0.125	0.461	0.4211	Non-genic
10	rs1536389	G	A	0.1562	0.4302	0.3611	PPAPDC1A
10	rs1555732	C	T	0.07812	0.5647	0.4211	Non-genic
10	rs161273	A	C	0.1129	0.8571	0.5	ZEB1
10	rs1926822	T	C	0.2031	0.5663	0.4211	FRMD4A
10	rs1933909	C	A	0	0.2791	0.1579	Non-genic
10	rs1936614	A	G	0.5312	0.2059	0.3611	Non-genic
10	rs1954342	C	A	0.6094	0.1471	0.3158	Non-genic
10	rs1992529	T	C	0.07812	0.5181	0.3421	Non-genic
10	rs1996316	C	T	0	0.3812	0.2632	CUBN
10	rs2209299	A	G	0.1719	0.5488	0.4167	Non-genic
10	rs2281842	G	T	0.2188	0.7202	0.5	GLRX3
10	rs2344769	T	C	0.03125	0.3023	0.2368	Non-genic
10	rs2399669	T	C	0.5938	0.125	0.2632	CELF2
10	rs2420970	C	T	0.9375	0.4765	0.4211	ATE1
10	rs2497351	T	C	0.3594	0.08537	0.1471	Non-genic
10	rs2505740	T	C	0.5312	0.1529	0.2895	Non-genic
10	rs2611050	A	G	0.8438	0.2202	0.4737	Non-genic
10	rs2710767	A	C	0.03125	0.3077	0.2143	Non-genic
10	rs2792695	T	C	0.8438	0.05814	0.3158	Non-genic
10	rs2793299	T	C	0.2031	0.05814	0.05263	Non-genic
10	rs2796832	G	T	0.5781	0.2093	0.2105	CUBN
10	rs286492	T	C	0.5625	0.2108	0.3611	Non-genic
10	rs2887370	A	G	0.1406	0.5833	0.3684	Non-genic
10	rs289265	A	G	0.2344	0.03488	0.02632	KCNMA1
10	rs2901587	T	G	0.1875	0.593	0.4444	Non-genic
10	rs35648	C	T	0.6562	0.1941	0.2105	Non-genic
10	rs3851569	G	A	0.5938	0.2093	0.3421	Non-genic
10	rs4509682	G	A	0.1562	0.5291	0.4474	C10orf72
10	rs4576712	C	T	0.5938	0.2284	0.3684	Non-genic
10	rs4622198	T	G	0.4844	0.1688	0.3235	KCNMA1
10	rs4747790	C	T	0.7344	0.3198	0.4737	Non-genic
10	rs4919234	T	G	0.4688	0.125	0.2368	HPSE2
10	rs4934372	T	C	0.7969	0.2849	0.5	SH2D4B
10	rs5029676	A	G	0.7344	0.4177	0.3824	Non-genic
10	rs535182	T	C	0.3594	0.04762	0.1842	HPSE2
10	rs6482124	C	T	0.2969	0.6768	0.5	SLC39A12
10	rs668498	G	A	0.09375	0.5116	0.3684	FBXO18
10	rs7083417	C	A	0.5938	0.1118	0.3158	Non-genic
10	rs716838	C	T	0.7969	0.3092	0.4211	HPSE2

10	rs723483	T	C	0.1875	0.5698	0.4474	Non-genic
10	rs726786	T	G	0.1719	0.564	0.3684	Non-genic
10	rs727532	G	A	0.2344	0.02469	0.08333	ABLIM1
10	rs7475965	C	T	0.7344	0.1646	0.4167	Non-genic
10	rs764114	G	T	0.09375	0.3837	0.2632	Non-genic
10	rs7894473	A	G	0.5312	0.1686	0.3158	Non-genic
10	rs7896883	T	C	0.01562	0.5952	0.3158	SLIT3
10	rs7919814	T	C	0.2031	0.756	0.5	Non-genic
10	rs867764	G	A	0	0.2824	0.2632	CAMK1D
10	rs912477	G	A	0.4531	0.1221	0.1842	Non-genic
10	rs947599	G	A	0.3281	0.6221	0.5	CEP55
10	rs955245	G	A	0.4219	0.05814	0.2368	Non-genic
10	rs956368	G	A	0.625	0.1882	0.2105	Non-genic
10	rs965934	A	G	0.8438	0.2188	0.4211	HPSE2
11	rs662702	T	C	0.375	0.07831	0.2105	PAX6
11	rs1050167 3	T	G	0.2812	0.05488	0.2188	GRM5
11	rs1050224 3	A	G	0.5625	0.05882	0.4211	GRIK4
11	rs2850303	G	A	0.04688	0.4884	0.2368	NCAM1
11	rs308793	A	C	0.3281	0.5325	0.2895	GRM5
11	rs949295	T	C	0.1094	0.6747	0.3684	GRIK4
11	rs1050215 0	C	T	0.03125	0.3895	0.2105	ALG9
11	rs1050215 1	T	C	0.03125	0.3895	0.2105	ALG9
11	rs1050059 0	C	T	0.01562	0.4471	0.1842	STIM1
11	rs2920137	C	T	0.7031	0.1047	0.4474	STIM1
11	rs63934	G	A	0.01562	0.25	0.07895	KCNQ1
11	rs1013377	T	G	0.2969	0.625	0.4412	Non-genic
11	rs1020580	T	C	0.4062	0.7346	0.3947	LRRC4C
11	rs1037161	T	C	0.1094	0.4353	0.1579	Non-genic
11	rs1037412	G	A	0.4219	0.8537	0.3889	LRRC4C
11	rs1048876 8	T	C	0.1875	0.5732	0.3158	ARHGAP20
11	rs1050068 3	C	T	0.125	0.5294	0.2632	Non-genic
11	rs1050070 3	A	G	0.04688	0.3529	0.1053	STK33
11	rs1050093 2	A	G	0.5	0.1647	0.3947	Non-genic
11	rs1050093 7	T	C	0.1094	0.6386	0.2105	Non-genic
11	rs1050096 2	G	A	0.09375	0.4217	0.1667	Non-genic
11	rs1050105 8	A	C	0.1562	0.6205	0.2368	ANO3
11	rs1050114 4	C	T	0.2656	0.6205	0.3684	LDLRAD3
11	rs1050118 4	A	G	0.03125	0.4529	0.1053	Non-genic

11	rs10501204	G	A	0.07812	0.5813	0.2368	Non-genic
11	rs10501206	A	G	0.2656	0.09884	0.4474	Non-genic
11	rs10501230	G	A	0.0625	0.3588	0.1579	Non-genic
11	rs10501246	C	T	0.25	0.6294	0.3947	Non-genic
11	rs10501472	A	G	0.03125	0.3373	0.1842	Non-genic
11	rs10501539	T	C	0.125	0.512	0.2895	Non-genic
11	rs10501756	G	A	0.03125	0.3133	0.1316	Non-genic
11	rs10501851	A	G	0.6719	0.8605	0.5	MAML2
11	rs10501933	C	T	0.07812	0.3176	0.1786	CNTN5
11	rs10502172	T	C	0	0.3118	0.07895	TTC12
11	rs10502207	T	C	0	0.4244	0.1842	Non-genic
11	rs10502234	A	G	0.1406	0.4302	0.1842	Non-genic
11	rs10750999	G	A	0	0.3547	0.1316	ATL3
11	rs1079785	C	T	0.25	0.657	0.3684	Non-genic
11	rs1108539	C	A	0.1562	0.5407	0.1316	Non-genic
11	rs1116327	C	T	0.01562	0.5123	0.2632	Non-genic
11	rs1237999	G	A	0.125	0.4882	0.2895	Non-genic
11	rs1351650	A	G	0.01562	0.525	0.1316	Non-genic
11	rs1385165	G	A	0.625	0.1429	0.4474	Non-genic
11	rs1386450	A	G	0.2188	0.6446	0.2895	NAV2
11	rs1397048	C	T	0.1875	0.7262	0.4474	OR9G9
11	rs1397050	C	T	0.2031	0.6	0.2632	Non-genic
11	rs1400549	T	C	0	0.3253	0.08824	Non-genic
11	rs1509605	T	G	0.125	0.4337	0.1053	LUZP2
11	rs1519414	C	A	0.0625	0.4244	0.1579	Non-genic
11	rs1573567	C	T	0.3906	0.1	0.2895	Non-genic
11	rs1648364	C	T	0.5938	0.1325	0.3889	Non-genic
11	rs1789742	C	A	0.375	0.09302	0.2895	Non-genic
11	rs1789842	G	A	0.1875	0.7326	0.4211	Non-genic
11	rs1837822	C	T	0.3594	0.02532	0.2895	Non-genic
11	rs1940033	C	T	0.6094	0.2469	0.5	NTM
11	rs1944683	T	C	0.1094	0.7294	0.3421	Non-genic
11	rs1945222	A	G	0.1094	0.5588	0.2632	Non-genic
11	rs2028570	A	G	0.1562	0.7317	0.3158	NAV2
11	rs2056247	A	C	0.4375	0.7952	0.4474	Non-genic
11	rs2127062	T	C	0	0.4118	0.1579	LGR4
11	rs2155177	C	A	0.1406	0.05814	0.3421	Non-genic
11	rs2186584	T	G	0.03125	0.3253	0.1471	MAML2

11	rs2249178	G	A	0.0625	0.4012	0.1389	NAV2
11	rs2305282	C	T	0.3281	0.06471	0.2368	SLC35F2
11	rs2370794	A	G	0.5156	0.7706	0.5	CRTAM
11	rs2468782	G	T	0.4844	0.08537	0.3684	Non-genic
11	rs2593685	C	T	0.04688	0.4167	0.1316	SLC17A6
11	rs2666895	T	G	0.4844	0.09524	0.3421	Non-genic
11	rs2716454	A	G	0.2656	0.8397	0.4737	LUZP2
11	rs2847476	A	G	0.2188	0.5353	0.2895	Non-genic
11	rs2863131	A	C	0.01562	0.5	0.1842	TSPAN18
11	rs2863161	C	A	0.3281	0.119	0.3684	PRDM11
11	rs2871610	A	G	0.2188	0.5814	0.3421	Non-genic
11	rs294335	C	T	0.03125	0.3614	0.07895	Non-genic
11	rs2957509	C	T	0.3125	0.09302	0.2895	NAT10
11	rs3782093	A	G	0.01562	0.3647	0.1842	POLA2
11	rs3867247	G	A	0.3438	0.6386	0.3158	Non-genic
11	rs3901231	T	G	0.01562	0.2805	0.1053	Non-genic
11	rs4121863	A	G	0.2344	0.6312	0.3824	Non-genic
11	rs4128590	C	T	0.2031	0.01744	0.2105	Non-genic
11	rs4132801	C	T	0.2969	0.7169	0.3684	Non-genic
11	rs4378393	G	A	0.2969	0.7933	0.1667	Non-genic
11	rs4450153	A	G	0.4688	0.1	0.2895	Non-genic
11	rs4506607	A	G	0.6719	0.189	0.4444	FAT3
11	rs477961	T	C	0.2188	0.5756	0.3158	STT3A
11	rs481554	A	G	0.1406	0.5556	0.3421	Non-genic
11	rs4930346	G	A	0.09375	0.4765	0.1579	PACS1
11	rs4938377	G	T	0.01562	0.1395	0.02632	Non-genic
11	rs507015	T	C	0.3906	0.7671	0.5	Non-genic
11	rs582740	T	G	0.25	0.5867	0.3529	Non-genic
11	rs587677	T	C	0.4844	0.1037	0.3421	Non-genic
11	rs598829	T	G	0.09375	0.3882	0.1842	NTM
11	rs6592881	A	G	0.3281	0.7256	0.4444	Non-genic
11	rs677909	C	T	0.0625	0.4048	0.2105	PICALM
11	rs680511	G	A	0.03125	0.4012	0.1842	TECTA
11	rs704617	A	G	0.04688	0.6012	0.1842	Non-genic
11	rs7114092	G	A	0.1562	0.4824	0.2222	C11orf41
11	rs7121835	G	A	0.7188	0.9634	0.5	Non-genic
11	rs7125624	T	C	0.2656	0.8118	0.3947	LRRC4C
11	rs7128824	C	A	0.1406	0.6919	0.3947	Non-genic
11	rs717211	A	G	0.03125	0.4294	0.1111	Non-genic
11	rs720459	C	T	0.2812	0.6279	0.3684	Non-genic
11	rs7932437	C	T	0.2031	0.6047	0.3158	NRXN2
11	rs7933522	T	C	0.2656	0.8415	0.3684	LRRC4C
11	rs7937934	T	C	0.125	0.75	0.3684	Non-genic
11	rs7939844	G	A	0.2344	0.5724	0.3421	Non-genic
11	rs7946770	A	C	0.4531	0.8235	0.3947	CNTN5
11	rs7946787	C	A	0	0.3837	0.07895	Non-genic
11	rs7947221	T	G	0.5625	0.1341	0.3947	Non-genic
11	rs7947920	C	T	0.1719	0.506	0.2105	Non-genic

11	rs836124	T	G	0.375	0.6919	0.2632	Non-genic
11	rs836135	A	G	0.4062	0.03488	0.3421	Non-genic
11	rs9299979	G	A	0.6719	0.8314	0.4474	Non-genic
11	rs948360	T	C	0.6875	0.07738	0.4737	BRMS1
11	rs951932	G	A	0.5625	0.25	0.4474	Non-genic
11	rs958846	C	T	0.3065	0.7256	0.3056	Non-genic
11	rs965467	C	T	0.04688	0.3895	0.1316	TMEM135
11	rs966536	C	A	0.1875	0.6548	0.3158	Non-genic
11	rs999004	T	C	0.4062	0.7469	0.3947	LRRC4C
11	rs1011641	C	T	0.5781	0.02907	0.2895	Non-genic
11	rs1050062 2	G	A	0	0.3987	0.2353	Non-genic
11	rs1050096 8	C	T	0	0.2278	0.1389	Non-genic
11	rs1050106 9	C	T	0.07812	0.4688	0.4444	Non-genic
11	rs1050129 8	C	T	0.5938	0.1429	0.3	TTC17
11	rs1050145 4	T	C	0.75	0.3155	0.4474	Non-genic
11	rs1050150 3	C	T	0.1875	0.5783	0.4167	Non-genic
11	rs1050173 8	T	C	0.07812	0.3861	0.2778	Non-genic
11	rs1050202 0	A	G	0.07812	0.4878	0.3056	Non-genic
11	rs1113480	A	C	0.01562	0.8	0.4211	PTPRJ
11	rs120435	T	C	0.09375	0.4494	0.4167	Non-genic
11	rs120436	G	A	0.09375	0.5789	0.3929	Non-genic
11	rs1219391	A	G	0.5469	0.1512	0.2368	Non-genic
11	rs1381782	T	C	0.07812	0.4062	0.2895	Non-genic
11	rs1391619	G	A	0.4844	0.1337	0.2105	Non-genic
11	rs1487214	C	T	0.8438	0.1279	0.4737	NAV2
11	rs1496222	C	T	0.03125	0.4625	0.3158	Non-genic
11	rs1533224	C	A	0.01562	0.3313	0.2353	Non-genic
11	rs1584184	A	G	0.5469	0.125	0.3333	Non-genic
11	rs1943381	G	A	0.625	0.2593	0.3158	CHORDC1
11	rs1944685	A	G	0.5312	0.25	0.3421	Non-genic
11	rs1944771	G	A	0.4375	0.1203	0.2632	Non-genic
11	rs1945085	G	A	0.03125	0.4226	0.3421	Non-genic
11	rs2105806	C	T	0.7344	0.275	0.4167	DLG2
11	rs2162341	A	G	0.7344	0.3608	0.4286	Non-genic
11	rs2174880	G	A	0.125	0.5291	0.4737	Non-genic
11	rs2508358	T	C	0.625	0.253	0.4167	Non-genic
11	rs317148	T	C	0.09375	0.5357	0.3684	NOX4
11	rs3740873	T	G	0.09375	0.5241	0.3947	SLC6A5
11	rs3847544	A	G	0.25	0.6353	0.4474	FAT3
11	rs4132365	C	T	0.5625	0.2143	0.2	Non-genic
11	rs4394833	C	A	0.125	0.5353	0.4211	Non-genic
11	rs4418789	T	G	0.2031	0.6824	0.5	PARVA

11	rs4536170	C	T	0.5781	0.128	0.3529	Non-genic
11	rs4755142	G	A	0.9375	0.2911	0.4688	Non-genic
11	rs490592	A	C	0.2812	0.06548	0.125	Non-genic
11	rs566797	T	C	0.7344	0.3706	0.3421	Non-genic
11	rs567236	A	G	0.4531	0.1176	0.1667	Non-genic
11	rs589449	A	G	0.8281	0.2	0.4737	FAT3
11	rs594808	G	A	0.375	0.0875	0.1875	CNTN5
11	rs614179	A	G	0.7344	0.3041	0.3824	Non-genic
11	rs615248	C	T	0.4688	0.03488	0.2368	Non-genic
11	rs624605	G	T	0.1719	0.4882	0.4167	UVRAG
11	rs633761	T	G	0.09375	0.5	0.3947	Non-genic
11	rs673731	A	G	0.6719	0.3882	0.5	XRRA1
11	rs7111266	C	T	0.6562	0.1131	0.2368	Non-genic
11	rs7117365	A	G	0.5	0.09524	0.1667	Non-genic
11	rs7119888	C	A	0.7812	0.2791	0.4737	BBOX1
11	rs7121784	A	C	0.6094	0.186	0.3684	POU2F3
11	rs724787	A	C	0.6719	0.2384	0.3947	Non-genic
11	rs763302	T	G	0.8281	0.4321	0.4737	Non-genic
11	rs7939598	A	G	0.2344	0.6279	0.4474	FAT3
11	rs899036	G	T	0.6452	0.157	0.3889	Non-genic
11	rs923031	A	C	0.07812	0.4877	0.3333	Non-genic
11	rs949161	C	T	0.6875	0.2529	0.3684	Non-genic
11	rs956471	A	G	0.125	0.4186	0.3158	Non-genic
11	rs980804	T	C	0.2656	0.6512	0.4737	Non-genic
12	rs2100996	G	A	0.01562	0.5437	0.2632	SLCO1B1
12	rs1044825	T	G	0.09375	0.4529	0.2632	CACNA2D4
12	rs1049196 7	A	G	0.375	0.1098	0.3684	TSPAN9
12	rs1049199 0	A	G	0	0.3118	0.1316	ETV6
12	rs1049200 2	T	C	0.01562	0.3133	0.1053	ACSS3
12	rs1049224 8	T	C	0.1094	0.7765	0.3947	Non-genic
12	rs1049238 5	C	A	0.1875	0.5176	0.2105	Non-genic
12	rs1050575 1	G	A	0.0625	0.4	0.1579	CLEC9A
12	rs1050583 4	T	C	0.0625	0.6588	0.3158	Non-genic
12	rs1050587 0	A	G	0.07812	0.4419	0.1579	Non-genic
12	rs1050587 9	T	G	0.2031	0.619	0.1842	KIAA0528
12	rs1050617 7	C	T	0.0625	0.3824	0.1842	CNTN1
12	rs1050621 0	T	C	0	0.2765	0.07895	Non-genic
12	rs1050631 5	C	T	0.625	0.131	0.4737	EIF4B
12	rs1050634	G	A	0.4062	0.04118	0.2368	Non-genic



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12	rs1050682 4	C	T	0.09375	0.5118	0.2105	OTOGL
12	rs1050689 1	A	C	0.4375	0.1329	0.3571	Non-genic
12	rs1050713 2	T	C	0.4531	0.1235	0.3158	MYBPC1
12	rs1050717 2	A	G	0.2031	0	0.1579	HSP90B1
12	rs1117561 7	T	G	0	0.2105	0.0625	Non-genic
12	rs1159869	A	G	0.07812	0.7706	0.2895	LRR1Q1
12	rs1195569	G	A	0.4375	0.7907	0.4737	Non-genic
12	rs1355469	G	A	0.3281	0.09412	0.3947	Non-genic
12	rs1374527	T	C	0.3438	0.7209	0.5	Non-genic
12	rs1386037	T	C	0.01562	0.2824	0.05263	Non-genic
12	rs1397605	A	G	0.4062	0.08333	0.2895	Non-genic
12	rs1398442	T	G	0.03125	0.625	0.2353	Non-genic
12	rs1405467	G	A	0.07812	0.8562	0.3824	Non-genic
12	rs1424612	T	C	0.5469	0.1118	0.4474	Non-genic
12	rs1444629	G	A	0.4688	0.75	0.5	PDE3A
12	rs1444630	A	G	0.5312	0.2134	0.4474	PDE3A
12	rs1451098	A	G	0.07812	0.6163	0.3421	OTOGL
12	rs1526810	A	G	0.2031	0.0122	0.1842	Non-genic
12	rs1526832	C	T	0.4844	0.06707	0.3	Non-genic
12	rs1549102	C	A	0.125	0.5235	0.2632	ANKS1B
12	rs1554486	C	T	0.0625	0.3882	0.1316	Non-genic
12	rs1582881	A	G	0.125	0.4942	0.2368	STAB2
12	rs1731545	T	C	0.1719	0.686	0.3684	Non-genic
12	rs1825478	C	T	0.1667	0.7531	0.3158	ITPR2
12	rs1877882	A	G	0.0625	0.3133	0.1053	Non-genic
12	rs1878420	C	T	0.3125	0.7471	0.3889	KSR2
12	rs1894984	T	C	0.2656	0.6706	0.3684	Non-genic
12	rs1905444	A	G	0.04688	0.4012	0.1389	Non-genic
12	rs1921045	A	G	0.3281	0.6173	0.2895	PPFIA2
12	rs2058429	T	C	0.8594	0.0814	0.5	KLRB1
12	rs2075397	G	A	0	0.2927	0.02778	Non-genic
12	rs2099368	A	G	0.04688	0.4824	0.2632	Non-genic
12	rs2141859	A	C	0.2188	0.5233	0.3056	CHST11
12	rs2169989	T	C	0.2656	0.7013	0.3824	Non-genic
12	rs2191964	A	G	0.4375	0.05814	0.4211	Non-genic
12	rs225563	A	G	0.125	0.4345	0.2632	Non-genic
12	rs2369942	G	A	0.2344	0.6163	0.4211	Non-genic
12	rs2371978	T	C	0.4688	0.186	0.3684	Non-genic
12	rs2373358	G	A	0.01562	0.3036	0.05263	Non-genic
12	rs2377800	C	T	0.5	0.1118	0.3684	Non-genic
12	rs2450994	A	G	0.125	0.3855	0.1579	H1FNT
12	rs2551390	G	A	0.07812	0.3721	0.1316	Non-genic
12	rs2712498	T	C	0.09375	0.5063	0.2895	Non-genic
12	rs2712668	C	T	0.6875	0.175	0.4688	ANKS1B

12	rs312270	C	T	0.07812	0.3779	0.1579	CNTN1
12	rs324021	C	A	0.04688	0.3519	0.07895	MYO1A
12	rs337678	A	C	0.07812	0.7024	0.3889	Non-genic
12	rs3871520	A	G	0.09375	0.5174	0.2895	BICD1
12	rs3911720	T	C	0.03125	0.1265	0.02632	Non-genic
12	rs4129599	C	T	0.5625	0.157	0.4737	NTN4
12	rs4130296	A	C	0.5156	0.1221	0.3947	FBXW8
12	rs4131751	A	G	0.09375	0.4765	0.1316	Non-genic
12	rs4237965	A	G	0.4844	0.08333	0.2895	Non-genic
12	rs4763904	A	G	0.03125	0.2849	0.05263	GPRC5D
12	rs4767066	T	C	0.03125	0.3314	0.1316	SLC24A6
12	rs4963579	C	T	0.2031	0.7267	0.4474	Non-genic
12	rs4963867	T	C	0.2188	0.5941	0.3158	Non-genic
12	rs637074	T	C	0.0625	0.4277	0.1389	Non-genic
12	rs6488067	G	A	0.2656	0.6105	0.1389	FGD4
12	rs6488068	A	G	0.3281	0.6221	0.1842	FGD4
12	rs6538998	C	T	0.2812	0.6707	0.2941	MYBPC1
12	rs708881	G	A	0.4219	0.7	0.3889	CCDC60
12	rs7134792	T	C	0.03125	0.407	0.1842	Non-genic
12	rs7135493	T	G	0.1406	0.3333	0.2188	Non-genic
12	rs7135621	T	C	0.375	0.5	0.2353	Non-genic
12	rs7135655	A	G	0.4375	0.1529	0.4737	LOH12CR1
12	rs724201	G	A	0.09375	0.4286	0.2368	LGR5
12	rs726206	A	G	0.1094	0.5357	0.2368	Non-genic
12	rs726603	C	A	0.25	0.6471	0.4474	Non-genic
12	rs727233	G	A	0	0.343	0.1316	Non-genic
12	rs7312834	C	T	0.4375	0.1084	0.2895	Non-genic
12	rs7313618	T	G	0.5156	0.1163	0.3421	GOLT1B
12	rs748548	A	G	0.07812	0.4593	0.2632	TMEM132B
12	rs751448	T	C	0.09375	0.4059	0.1579	NT5DC3
12	rs773652	G	A	0.5469	0.02907	0.3947	CS
12	rs7965628	G	A	0.0625	0.5361	0.1842	Non-genic
12	rs7975586	T	C	0.4688	0.2256	0.4444	Non-genic
12	rs9142	G	A	0.2812	0.7059	0.3421	NT5DC3
12	rs9300166	C	T	0.1719	0.04762	0.3421	Non-genic
12	rs9325191	A	C	0.0625	0.3642	0.2105	Non-genic
12	rs952394	C	T	0.2344	0.5833	0.25	Non-genic
12	rs952464	T	C	0.4375	0.7857	0.5	Non-genic
12	rs966864	G	A	0.4688	0.8452	0.5	SLCO1C1
12	rs983459	G	T	0.4688	0.05882	0.3421	Non-genic
12	rs1049216 4	T	C	0.5781	0.1047	0.3158	CLEC2D
12	rs1049229 1	G	A	0.9375	0.3198	0.4211	Non-genic
12	rs1049233 7	A	G	0	0.1118	0.1389	Non-genic
12	rs1049234 7	T	C	0.4219	0.1059	0.1579	Non-genic
12	rs1050575 2	A	G	0.6719	0.2035	0.3684	C12orf59

12	rs1050599 9	G	T	0.4531	0.1358	0.2105	ITPR2
12	rs1050633 7	C	T	0.3594	0.03529	0.1579	Non-genic
12	rs1050645 1	G	A	0.1406	0.5882	0.4167	PPM1H
12	rs1050656 8	C	T	0.09375	0.5536	0.4737	Non-genic
12	rs1050660 6	C	A	0.6094	0.2683	0.2895	PTPRR
12	rs1050660 9	C	T	0.75	0.3353	0.3947	PTPRR
12	rs1050663 2	C	T	0.4844	0.09639	0.1579	LGR5
12	rs1050686 4	G	A	0.7031	0.1205	0.3684	Non-genic
12	rs1050695 9	T	C	0.4688	0.1118	0.2632	Non-genic
12	rs1050707 0	A	G	0	0.02941	0.1842	AMDHD1
12	rs1050719 1	C	T	0.875	0.4647	0.4737	Non-genic
12	rs1093310	C	A	0.5469	0.1919	0.3056	KSR2
12	rs1144418	T	G	0.01562	0.2901	0.3158	Non-genic
12	rs1165596	C	T	0.0625	0.4012	0.2368	Non-genic
12	rs1240290	A	G	0.2812	0.04118	0.1579	Non-genic
12	rs1388681	G	A	0.25	0.6	0.4474	Non-genic
12	rs1391707	A	C	0.5781	0.1627	0.2632	Non-genic
12	rs1492948	A	G	0.5938	0.1951	0.2368	Non-genic
12	rs1566889	G	A	0	0.5119	0.3056	KSR2
12	rs1604955	G	A	0.2031	0.5882	0.4737	EEA1
12	rs1682593	A	G	0.6562	0.2235	0.3158	TMTC2
12	rs1722402	G	A	0	0.5494	0.3889	Non-genic
12	rs1731459	C	T	0.7656	0.1977	0.4737	TMEM117
12	rs1797987	C	T	0.4219	0.1024	0.2368	Non-genic
12	rs1828384	C	T	0.04688	0.3929	0.3158	Non-genic
12	rs1877115	A	G	0.4844	0.1941	0.2368	Non-genic
12	rs2192190	G	T	0.8906	0.4051	0.4737	ANO2
12	rs2194829	A	G	0.1094	0.07738	0.05263	Non-genic
12	rs2343866	T	C	0.01562	0.3059	0.1842	Non-genic
12	rs2370413	T	C	0.03125	0.3869	0.3158	CACNA1C
12	rs310846	T	C	0.5781	0.2099	0.2895	Non-genic
12	rs310850	G	A	0.75	0.3631	0.3684	Non-genic
12	rs35426	G	A	0	0.3235	0.2778	Non-genic
12	rs3847938	C	T	0.4375	0.1203	0.1471	TMEM132B
12	rs3849229	A	C	0.5781	0.2169	0.1667	Non-genic
12	rs3901661	G	A	0	0.4038	0.2059	Non-genic
12	rs4034627	A	G	0.5469	0.05952	0.2632	Non-genic
12	rs4119057	A	G	0.03125	0.436	0.2632	Non-genic
12	rs4131955	G	A	0.04688	0.6845	0.3684	Non-genic
12	rs4143188	A	C	0.375	0.09756	0.1667	C12orf26

12	rs4760469	C	T	0.7344	0.3176	0.4706	Non-genic
12	rs4762559	G	A	0.7188	0.4826	0.4737	ANKS1B
12	rs4763780	G	T	0.6875	0.2791	0.3684	BCL2L14
12	rs505071	A	G	0.5625	0.2209	0.3421	PPM1H
12	rs606443	C	A	0.03125	0.375	0.25	DYNLL1
12	rs703592	T	G	0.375	0.04938	0.07895	Non-genic
12	rs706824	G	A	0.6094	0.2791	0.2632	Non-genic
12	rs725957	A	G	0.1406	0.4881	0.3158	Non-genic
12	rs7316231	A	G	0.6875	0.2952	0.4737	Non-genic
12	rs735390	G	A	0.4219	0.06173	0.2059	Non-genic
12	rs7953647	T	C	0.375	0.07229	0.1579	RERG
12	rs7969455	T	C	0.5625	0.179	0.3421	DPPA3
12	rs7978742	G	A	0.4375	0.09884	0.1842	Non-genic
12	rs826759	C	T	0.3594	0.06471	0.1111	Non-genic
12	rs888550	T	C	0.5781	0.1294	0.3158	ISCU
12	rs888551	G	A	0.5781	0.1235	0.3158	ISCU
12	rs958812	A	G	0	0.2229	0.1842	ETV6
12	rs959275	C	T	0.5469	0.1646	0.1944	Non-genic
13	rs2391191	A	G	0.03125	0.4464	0.2895	DAOA
13	rs687045	C	A	0.01562	0.3457	0.1579	KL
13	rs1571786	G	A	0.1719	0.5588	0.3158	SLC7A1
13	rs4771911	C	T	0.5469	0.1412	0.3611	ABCC4
13	rs1049244 9	G	T	0	0.2353	0.05263	LCP1
13	rs1049245 5	G	A	0.09375	0.4302	0.1579	EFHA1
13	rs1049245 6	C	T	0.375	0.686	0.4474	Non-genic
13	rs1049251 9	G	A	0	0.2798	0.07895	FAM124A
13	rs1049262 5	A	G	0.4062	0.09375	0.3235	Non-genic
13	rs1050740 8	G	A	0.3594	0.04118	0.2632	Non-genic
13	rs1050741 6	T	G	0.2031	0.5926	0.3947	Non-genic
13	rs1050755 9	G	A	0	0.3438	0.1053	Non-genic
13	rs1050759 3	A	G	0.1094	0.4706	0.2105	Non-genic
13	rs1050766 8	T	G	0.6406	0.1047	0.4211	Non-genic
13	rs1050791 4	A	G	0.4375	0.08235	0.2632	Non-genic
13	rs1051140 2	T	C	0.03125	0.506	0.2368	Non-genic
13	rs1170994	T	C	0.5469	0.1941	0.4722	DCLK1
13	rs1323154	T	C	0.1719	0.5291	0.2105	ENOX1
13	rs1326481	T	C	0.07812	0.8176	0.3611	Non-genic
13	rs1359634	C	T	0.2188	0.5941	0.3421	Non-genic
13	rs1409379	C	T	0.5312	0.1802	0.4211	B3GALTL

13	rs1409437	G	A	0.125	0.5	0.1579	LCP1
13	rs1412483	A	G	0.3594	0.7965	0.2632	Non-genic
13	rs1446776	C	T	0.09375	0.6279	0.3421	Non-genic
13	rs1449571	A	G	0.1875	0.8412	0.4722	Non-genic
13	rs1536212	T	G	0.1406	0.4353	0.1579	COG3
13	rs1550669	C	T	0.6094	0.1105	0.3947	Non-genic
13	rs1894756	A	G	0.01562	0.2558	0.02632	Non-genic
13	rs1931914	C	T	0.4062	0.686	0.3947	Non-genic
13	rs1937388	T	C	0.4062	0.09884	0.3158	Non-genic
13	rs1986785	C	A	0.1406	0.5756	0.3158	MTUS2
13	rs1998676	C	T	0.4844	0.07059	0.4211	Non-genic
13	rs1999603	A	G	0.5	0.075	0.3947	Non-genic
13	rs2065390	T	G	0	0.314	0.05263	Non-genic
13	rs2116412	A	G	0.3906	0.8	0.4737	Non-genic
13	rs2147552	G	A	0.6094	0.08974	0.3947	Non-genic
13	rs2148065	T	C	0.4375	0.06395	0.2895	Non-genic
13	rs2149769	C	T	0.25	0.5988	0.3421	IFT88
13	rs2151037	G	A	0.4516	0.7622	0.3421	Non-genic
13	rs2389530	G	A	0	0.2654	0.1111	UGGT2
13	rs2876817	A	C	0.1406	0.8618	0.3667	Non-genic
13	rs3900236	T	C	0.09375	0.3605	0.07895	Non-genic
13	rs3945431	G	A	0.1094	0.4128	0.1053	KIAA0564
13	rs4123443	C	T	0.0625	0.3395	0.05263	GPC6
13	rs4128764	G	A	0.07812	0.2733	0.1579	Non-genic
13	rs4242932	G	T	0.2344	0.7588	0.3684	Non-genic
13	rs4482174	T	C	0.6562	0.75	0.3889	Non-genic
13	rs4886250	T	C	0.3281	0.7267	0.4211	Non-genic
13	rs4886367	T	C	0.4375	0.7622	0.4688	Non-genic
13	rs4941520	A	G	0.3125	0.6529	0.2895	Non-genic
13	rs546400	C	T	0.0625	0.5679	0.2105	FGF14
13	rs54939	G	T	0.5625	0.2353	0.4722	Non-genic
13	rs6491307	A	G	0.5312	0.128	0.3947	HS6ST3
13	rs6562686	T	C	0.5938	0.09524	0.3684	Non-genic
13	rs658520	G	A	0.3438	0.9012	0.5	Non-genic
13	rs696788	C	T	0.5625	0.2108	0.4474	Non-genic
13	rs717091	G	A	0.25	0.6486	0.2667	Non-genic
13	rs725040	C	T	0.1094	0.5542	0.1944	GPC5
13	rs726298	G	A	0.04688	0.5349	0.2368	Non-genic
13	rs729270	G	A	0.2031	0.6627	0.3056	Non-genic
13	rs7317767	T	C	0.1562	0.7321	0.3889	Non-genic
13	rs7319370	A	G	0.2656	0.7439	0.5	Non-genic
13	rs7320723	G	A	0.4531	0.7595	0.5	MBNL2
13	rs7325541	G	A	0.2344	0.5802	0.3158	Non-genic
13	rs7326471	C	T	0.4844	0.1512	0.3421	C13orf15
13	rs7328733	C	A	0.5	0.08721	0.3158	Non-genic
13	rs7334131	C	T	0.3906	0.1235	0.3158	Non-genic
13	rs7338552	A	G	0.4062	0.075	0.2778	Non-genic
13	rs797502	A	C	0.5625	0.02907	0.3158	Non-genic

13	rs7992190	A	G	0.1719	0.6919	0.4211	Non-genic
13	rs7992923	G	A	0.25	0.6049	0.3333	Non-genic
13	rs7998252	T	C	0.5	0.1802	0.3947	Non-genic
13	rs8001194	C	A	0.2969	0.6607	0.3421	Non-genic
13	rs817737	T	C	0.5781	0.2284	0.4737	Non-genic
13	rs831223	C	T	0.1094	0.9235	0.4474	Non-genic
13	rs9284233	T	C	0.125	0.6824	0.3421	Non-genic
13	rs9285137	G	A	0.1875	0.7024	0.3684	Non-genic
13	rs9300766	C	T	0.3125	0.6845	0.3947	Non-genic
13	rs9300791	T	C	0.03125	0.3929	0.1053	Non-genic
13	rs9300943	G	A	0.125	0.4709	0.1842	Non-genic
13	rs9301082	C	T	0.2969	0.7412	0.4474	Non-genic
13	rs9301301	T	C	0.3438	0.08235	0.2368	Non-genic
13	rs9315777	C	A	0.07812	0.4535	0.2632	Non-genic
13	rs9315991	A	C	0.4062	0.1369	0.3947	Non-genic
13	rs9316103	C	T	0.3906	0.06977	0.3158	Non-genic
13	rs9316160	T	C	0	0.3081	0.1053	Non-genic
13	rs9316596	A	G	0.4375	0.06471	0.3056	Non-genic
13	rs9316967	T	G	0.09375	0.4464	0.1579	Non-genic
13	rs9317008	A	C	0	0.4706	0.2105	Non-genic
13	rs9318318	A	G	0	0.2785	0.1053	Non-genic
13	rs9318387	A	C	0.125	0.5432	0.2368	SPATA13
13	rs9319046	T	C	0.25	0.05233	0.2778	Non-genic
13	rs9324315	A	G	0.4062	0.07229	0.3158	Non-genic
13	rs951538	T	C	0.125	0.5291	0.3158	Non-genic
13	rs952766	A	G	0.1774	0.6353	0.3947	Non-genic
13	rs983634	C	T	0.2031	0.506	0.2059	Non-genic
13	rs1049268 0	G	A	0.07812	0.4762	0.3684	Non-genic
13	rs1050763 2	C	T	0.375	0.08235	0.1053	Non-genic
13	rs1050799 2	T	C	0.0625	0.3735	0.3421	GPC5
13	rs1151379	A	G	0.5312	0.1375	0.2895	NALCN
13	rs1172416	C	T	0.3438	0.08667	0.05556	Non-genic
13	rs1323619	A	C	0.125	0.5	0.3158	Non-genic
13	rs1325466	G	T	0.7188	0.1706	0.3947	TBC1D4
13	rs1380888	C	T	0.7344	0.1647	0.2368	Non-genic
13	rs1391044	G	A	0.7188	0.3506	0.4474	Non-genic
13	rs1411646	G	A	0.07812	0.488	0.3056	Non-genic
13	rs1502061	C	T	0.5625	0.1667	0.3438	Non-genic
13	rs1504418	G	A	0	0.2808	0.1765	Non-genic
13	rs1556225	C	A	0.3125	0.05882	0.1842	Non-genic
13	rs1570613	C	T	0.6094	0.08824	0.2632	Non-genic
13	rs1571316	T	C	0.7969	0.3631	0.3158	Non-genic
13	rs1572086	G	A	0.7812	0.3519	0.4737	Non-genic
13	rs1764423	A	G	0.5	0.1829	0.1944	Non-genic
13	rs188014	T	C	0.3125	0.1	0.1316	Non-genic
13	rs1886191	C	T	0.6562	0.08235	0.2778	Non-genic

13	rs2000363	G	A	0.01562	0.1726	0.1053	Non-genic
13	rs2039095	C	T	0.6875	0.5309	0.4412	Non-genic
13	rs206321	C	A	0	0.3488	0.1842	N4BP2L1
13	rs2148418	T	C	0.1719	0.6706	0.4474	Non-genic
13	rs2323476	A	G	0.1875	0.5256	0.3611	Non-genic
13	rs2325065	T	C	0.6406	0.2798	0.4474	Non-genic
13	rs2351871	A	G	0.0625	0.5952	0.3611	GPC5
13	rs2352028	T	C	0.625	0.1928	0.2778	GPC5
13	rs2352029	C	A	0.625	0.1726	0.2895	GPC5
13	rs298788	C	T	0.1875	0.5141	0.4286	Non-genic
13	rs2991444	C	T	0.2812	0.03049	0.05263	Non-genic
13	rs2992022	T	C	0.0625	0.4107	0.4211	Non-genic
13	rs3117915	G	A	0.7742	0.2294	0.3889	Non-genic
13	rs3622	G	A	0.25	0.04651	0.02632	FAM123A
13	rs369655	C	T	0.625	0.1686	0.3947	Non-genic
13	rs3847994	C	T	0.1719	0.6395	0.4211	Non-genic
13	rs3899559	T	C	0.1562	0.538	0.3611	Non-genic
13	rs3916934	T	C	0.1719	0.5915	0.3947	Non-genic
13	rs3918345	A	G	0.1719	0.6964	0.4444	Non-genic
13	rs4286009	A	C	0.5625	0.1133	0.2778	Non-genic
13	rs4772292	G	A	0.4062	0.05233	0.1053	PCCA
13	rs493925	T	G	0.0625	0.7024	0.4211	Non-genic
13	rs521416	T	C	0.5469	0.1118	0.2368	Non-genic
13	rs542610	C	T	0.6719	0.2384	0.3947	POLR1D
13	rs610695	G	A	0	0.2562	0.2632	Non-genic
13	rs7318474	G	A	0.7656	0.3415	0.3947	Non-genic
13	rs7324330	C	T	0.5938	0.2651	0.4211	PCDH9
13	rs7325688	T	C	0.625	0.1313	0.3158	HS6ST3
13	rs7327287	C	T	0.375	0.08929	0.1316	Non-genic
13	rs7329978	G	A	0.3438	0.05422	0.1316	Non-genic
13	rs7998347	C	T	0.6875	0.2412	0.4474	USP12
13	rs863712	G	A	0	0.2791	0.1842	Non-genic
13	rs873342	C	A	0.4688	0.06627	0.1579	CDK8
13	rs895898	G	T	0.1094	0.6628	0.3947	Non-genic
13	rs9300635	T	C	0.2969	0.08721	0	Non-genic
13	rs9300636	C	T	0.7812	0.2975	0.4118	Non-genic
13	rs9318048	T	C	0.7344	0.3171	0.4737	Non-genic
13	rs9318302	T	C	0.04688	0.3721	0.2105	Non-genic
13	rs9318666	G	A	0.5625	0.119	0.2632	Non-genic
13	rs9318729	T	C	0.2031	0.6012	0.4722	Non-genic
13	rs9319159	T	C	0.04688	0.4679	0.3158	Non-genic
13	rs9319164	T	C	0.4375	0.1221	0.2105	Non-genic
13	rs951520	T	C	0	0.4096	0.2812	Non-genic
13	rs984300	A	G	0.1094	0.5471	0.3947	MYO16
14	rs1952586	C	T	0.3906	0.131	0.3056	ESR2
14	rs179250	A	G	0.375	0.05357	0.2105	TSHR
14	rs1049863						
14	9	G	A	0.7031	0.3198	0.4211	SERPINA6
14	rs1016692	G	A	0.01562	0.4535	0.1053	GALNTL1

14	rs1033823	C	T	0.5	0.06627	0.3947	Non-genic
14	rs1036979	T	G	0.4688	0.1294	0.3056	Non-genic
14	rs1048327 1	A	G	0.4062	0.1084	0.3158	Non-genic
14	rs1048329 5	C	T	0	0.1791	0.03571	Non-genic
14	rs1048334 5	G	A	0.2188	0.6118	0.2895	Non-genic
14	rs1048336 7	A	G	0.0625	0.4136	0.07895	Non-genic
14	rs1048344 7	C	T	0.7812	0.1341	0.4722	NPAS3
14	rs1048346 4	C	A	0.4219	0.7143	0.2895	Non-genic
14	rs1048356 5	T	C	0.01562	0.5536	0.2368	MDGA2
14	rs1048362 1	G	A	0.625	0.05882	0.3684	Non-genic
14	rs1048362 7	G	A	0.2969	0.7342	0.4167	Non-genic
14	rs1048364 2	A	G	0.03125	0.5291	0.2632	Non-genic
14	rs1048368 2	T	C	0.4531	0.1084	0.3235	Non-genic
14	rs1048380 7	G	A	0.0625	0.6628	0.3158	RAD51L1
14	rs1048417 7	T	G	0.3906	0.6707	0.3158	Non-genic
14	rs1048418 3	T	C	0	0.1914	0.02632	Non-genic
14	rs1048420 1	G	A	0.1094	0.3941	0.2105	Non-genic
14	rs1049832 6	A	C	0.0625	0.4702	0.1579	Non-genic
14	rs1049836 5	A	G	0.03125	0.4277	0.2105	Non-genic
14	rs1049840 4	G	A	0.1562	0.6084	0.2059	Non-genic
14	rs1049843 1	C	T	0.3125	0.7	0.4118	FRMD6
14	rs1049843 8	C	T	0.4688	0.09412	0.4474	GNG2
14	rs1049847 3	G	A	0.1875	0.01765	0.2632	Non-genic
14	rs1049857 3	G	T	0.375	0.7407	0.4211	Non-genic
14	rs1049864 7	T	C	0.3906	0.05882	0.2368	Non-genic
14	rs1112330	C	A	0.2969	0.7917	0.5	Non-genic
14	rs1112573	T	G	0	0.3704	0.0625	Non-genic
14	rs1122708	C	T	0	0.1184	0.02941	SLC8A3
14	rs1257282	A	G	0.3594	0.1071	0.3947	Non-genic
14	rs1341001	A	G	0.1562	0.6529	0.3421	Non-genic
14	rs1451928	C	A	0.04688	0.3988	0.1111	Non-genic



14	rs1466407	A	C	0.2344	0.6686	0.4474	Non-genic
14	rs1473706	A	G	0.03125	0.2927	0.02778	FLRT2
14	rs1521165	C	T	0.04688	0.4634	0.1389	Non-genic
14	rs178458	G	T	0.2812	0.6506	0.2368	Non-genic
14	rs1951349	T	C	0.129	0.5407	0.2632	Non-genic
14	rs1951614	T	C	0.07812	0.4419	0.1842	GTF2A1
14	rs1952512	A	G	0.3125	0.08824	0.3947	ZNF219
14	rs1958180	G	A	0	0.3438	0.1	DAAM1
14	rs1998777	G	A	0.6875	0.1402	0.4474	Non-genic
14	rs2010281	A	G	0	0.3471	0.1667	MARK3
14	rs2022694	T	C	0.08333	0.5132	0.1875	Non-genic
14	rs2057130	C	A	0.1406	0.4826	0.2368	ZBTB25
14	rs2080087	A	G	0	0.3605	0.1053	DLST
14	rs214011	A	G	0.5625	0.1899	0.4706	Non-genic
14	rs2194530	A	G	0.04688	0.6131	0.3158	NRXN3
14	rs221492	G	A	0.2656	0.7791	0.3947	NRXN3
14	rs2244414	C	T	0.3281	0.5595	0.2105	Non-genic
14	rs2300844	G	A	0.07812	0.6369	0.3056	AKAP6
14	rs2331706	T	C	0.07812	0.5765	0.2895	RAD51L1
14	rs2400352	A	G	0.4062	0.09877	0.3333	Non-genic
14	rs2400968	T	C	0.2188	0.5882	0.3684	Non-genic
14	rs2415438	A	G	0.1406	0.439	0.2368	Non-genic
14	rs2816809	G	A	0.2812	0.6346	0.3529	Non-genic
14	rs2899875	T	C	0.1406	0.4562	0.1842	Non-genic
14	rs373655	A	G	0.1875	0.3953	0.2105	FOXN3
14	rs394499	G	A	0.3125	0.6471	0.3158	FOXN3
14	rs408462	T	C	0.1094	0.5595	0.2368	Non-genic
14	rs4556706	A	G	0.625	0.1562	0.4737	NPAS3
14	rs4898828	C	T	0.3281	0.7215	0.4444	Non-genic
14	rs4903750	A	C	0.6094	0.2313	0.4722	Non-genic
14	rs6571820	G	A	0.2969	0.6163	0.25	Non-genic
14	rs6573161	C	T	0.2969	0.02976	0.2632	Non-genic
14	rs709857	T	C	0.01562	0.5176	0.2368	Non-genic
14	rs7143933	T	G	0	0.3269	0.06667	Non-genic
14	rs717059	G	A	0.4844	0.1429	0.3684	KCNH5
14	rs718362	C	T	0.6875	0.1588	0.4412	RHOJ
14	rs723204	G	A	0.1875	0.6296	0.2812	Non-genic
14	rs763913	G	A	0.5781	0.2468	0.4722	Non-genic
14	rs765899	T	C	0.0625	0.5671	0.2105	RAD51L1
14	rs8004126	G	A	0.3594	0.8855	0.3421	Non-genic
14	rs8004280	A	G	0.09375	0.5465	0.3158	Non-genic
14	rs8006358	A	G	0.5625	0.2152	0.4444	Non-genic
14	rs8007174	G	A	0.09375	0.5118	0.1842	Non-genic
14	rs8008452	A	G	0.09375	0.4588	0.1111	Non-genic
14	rs9323178	A	G	0.1094	0.5119	0.2895	Non-genic
14	rs9323416	A	G	0.03226	0.4	0.07895	Non-genic
14	rs9323533	G	A	0.07812	0.4767	0.1842	Non-genic
14	rs9323567	T	C	0.4531	0.09639	0.3158	RGS6

14	rs9323994	A	C	0.5781	0.8418	0.5	Non-genic
14	rs935334	T	C	0.4219	0.1118	0.3684	Non-genic
14	rs943154	C	A	0.3438	0.02941	0.2368	Non-genic
14	rs1048358 7	A	G	0.6562	0.1941	0.3421	Non-genic
14	rs1048383 1	T	C	0	0.3476	0.2632	MED6
14	rs1048394 9	C	T	0.8125	0.314	0.4211	Non-genic
14	rs1048399 5	C	A	0.03125	0.3274	0.1842	KCNK10
14	rs1048400 1	C	T	0.6875	0.2791	0.3684	Non-genic
14	rs1048422 3	C	T	0	0.2	0.2188	OR4K13
14	rs1057737	A	G	0.5781	0.1235	0.2895	NAA30
14	rs1255329	T	C	0.3281	0.05422	0.1875	Non-genic
14	rs1257424	T	G	0	0.3605	0.2895	BCL11B
14	rs1483973	T	C	0.03125	0.4767	0.2632	Non-genic
14	rs1885186	T	C	0.6406	0.2791	0.3684	Non-genic
14	rs1951004	C	T	0.01562	0.5549	0.3438	Non-genic
14	rs1953433	A	G	0.3594	0.08824	0.1842	NPAS3
14	rs1954149	T	C	0.03125	0.6867	0.4737	Non-genic
14	rs1956904	C	T	0.5312	0.1012	0.2368	KHNYN
14	rs1959991	T	C	0.01562	0.4	0.2368	Non-genic
14	rs1983747	A	C	0	0.2303	0.2188	Non-genic
14	rs2022773	T	C	0.5	0.131	0.2778	Non-genic
14	rs2101551	T	C	0.125	0.5353	0.3684	KCNH5
14	rs2249106	G	A	0.5625	0.1905	0.3684	Non-genic
14	rs2332909	T	C	0.7812	0.3412	0.3158	DPF3
14	rs2352921	C	T	0.01562	0.3171	0.3125	Non-genic
14	rs2357344	G	A	0.6875	0.2471	0.4474	SYNE2
14	rs2383481	A	G	0.6719	0.2407	0.4167	NPAS3
14	rs243224	C	A	0.7812	0.3554	0.4737	FOXN3
14	rs36409	T	C	0.6406	0.1529	0.3056	Non-genic
14	rs3783759	A	G	0.7188	0.3314	0.5	PRKCH
14	rs3809	T	C	0.5312	0.09639	0.2222	SDR39U1
14	rs4325487	C	A	0.5312	0.1294	0.2632	FLRT2
14	rs712374	C	T	0.4844	0.1392	0.2647	SLC25A21
14	rs7146384	A	G	0.6094	0.2073	0.3421	Non-genic
14	rs7149815	A	G	0.2188	0.02976	0	Non-genic
14	rs7155872	C	T	0.6562	0.1706	0.3158	Non-genic
14	rs721910	A	C	0.7812	0.2035	0.4474	Non-genic
14	rs722462	A	C	0.5781	0.1279	0.3421	Non-genic
14	rs724023	C	T	0.7031	0.1824	0.3611	Non-genic
14	rs725693	G	T	0.8281	0.3421	0.4333	NRXN3
14	rs8015306	G	A	0.7344	0.2765	0.3684	Non-genic
14	rs8015423	T	C	0.1406	0.4345	0.3158	Non-genic
14	rs856684	C	A	0.09375	0.625	0.4706	Non-genic
14	rs9323489	G	A	0.6094	0.1845	0.2632	GPHN

14	rs9323997	C	T	0.1562	0.6145	0.3947	C14orf177
15	rs7167343	A	G	0.5312	0.8529	0.4474	CYP19A1
15	rs1051958 7	G	T	0.03125	0.4012	0.1842	GABRA5
15	rs8034824	G	T	0.4219	0.005814	0.2895	GABRG3
15	rs8035064	C	T	0.3438	0.07558	0.2632	GABRG3
15	rs1051957 7	G	A	0	0.3393	0.2368	GABRG3
15	rs1382061	A	G	0.8281	0.5294	0.3947	GABRG3
15	rs3101644	C	T	0.1094	0.4133	0.4737	GABRG3
15	rs2899632	A	G	0.5625	0.1353	0.3947	LIPC
15	rs668842	C	T	0.03125	0.6235	0.2105	FBN1
15	rs2033546	C	A	0.7969	0.1512	0.3684	MEF2A
15	rs752028	T	C	0.1094	0.4688	0.3684	PCSK6
15	rs1025145	A	G	0.2656	0.7798	0.4688	Non-genic
15	rs1025226	A	C	0.4062	0.08235	0.4211	EHD4
15	rs1032955	T	C	0.3906	0.1353	0.3947	Non-genic
15	rs1051867 4	G	T	0.4531	0.6802	0.3158	MAPK6
15	rs1051876 1	T	G	0.4062	0.08235	0.3684	UNC13C
15	rs1051887 3	A	G	0.04688	0.2798	0.08333	Non-genic
15	rs1051888 3	T	C	0.04688	0.358	0.1579	Non-genic
15	rs1051890 5	C	T	0.5312	0.08333	0.4211	C15orf41
15	rs1051896 6	C	T	0.1875	0.5941	0.2368	AQP9
15	rs1051913 2	A	G	0	0.2561	0.07895	Non-genic
15	rs1051916 9	A	G	0.2188	0.7326	0.2368	Non-genic
15	rs1051924 6	C	T	0.5938	0.8193	0.5	ATP8B4
15	rs1051925 7	G	A	0	0.2353	0.02632	ATP8B4
15	rs1051952 5	A	G	0	0.3547	0.1316	ATP10A
15	rs1051968 8	T	C	0.1719	0.593	0.3158	Non-genic
15	rs1052068 8	C	T	0.3125	0.04706	0.1842	IQGAP1
15	rs1052073 5	A	G	0	0.4345	0.1842	Non-genic
15	rs1350827	A	G	0.4677	0.1	0.4737	Non-genic
15	rs1381195	C	T	0.07812	0.4241	0.2368	Non-genic
15	rs1454985	C	T	0.06667	0.4235	0.1053	Non-genic
15	rs1553893	C	T	0.4375	0.1084	0.3421	Non-genic
15	rs1559857	G	A	0.3438	0.9146	0.3333	Non-genic
15	rs2017566	C	T	0.25	0.593	0.2632	Non-genic
15	rs2043179	C	T	0.09375	0.4276	0.1944	Non-genic

15	rs2113945	A	G	0.5781	0.1744	0.3947	TRPM1
15	rs2255408	C	A	0.3281	0.1163	0.4474	Non-genic
15	rs2351000	A	G	0.4062	0.8471	0.4737	POLG
15	rs2404972	A	G	0	0.3214	0.02632	ETFFA
15	rs2412822	A	G	0.2656	0.8294	0.3158	FRMD5
15	rs2414491	G	A	0.01562	0.4578	0.1389	TCF12
15	rs2630	C	T	0.0625	0.3953	0.1842	Non-genic
15	rs2899667	G	A	0.1875	0.6221	0.2895	RORA
15	rs2924578	G	A	0.2344	0.7244	0.2	Non-genic
15	rs2958394	C	T	0.3594	0.07558	0.3684	Non-genic
15	rs3914576	C	A	0.5312	0.1667	0.4474	Non-genic
15	rs448458	T	C	0.2344	0.6235	0.3333	Non-genic
15	rs4774224	A	G	0.04688	0.3494	0.1053	Non-genic
15	rs4774527	A	G	0	0.3547	0.05263	SHC4
15	rs518222	C	T	0.03125	0.6802	0.1316	Non-genic
15	rs694985	T	C	0.2188	0.7529	0.4737	MAP1A
15	rs7164710	T	C	0.5156	0.1905	0.3947	ATP8B4
15	rs7175329	G	A	0.125	0.5482	0.2	NEO1
15	rs7181383	T	C	0.0625	0.6047	0.2895	Non-genic
15	rs718911	G	A	0.4677	0.1488	0.3684	RORA
15	rs7497094	C	A	0.0625	0.494	0.1579	Non-genic
15	rs8026843	A	C	0.4375	0.8313	0.5	Non-genic
15	rs8038234	G	T	0.2969	0.04706	0.1842	Non-genic
15	rs9302112	T	C	0	0.6337	0.3158	SNAP23
15	rs9302358	T	C	0.5938	0.04706	0.3947	Non-genic
15	rs950474	T	G	0.6094	0.8631	0.4211	Non-genic
15	rs952993	G	T	0.2188	0.7952	0.4211	Non-genic
15	rs956553	C	T	0.01562	0.4702	0.1111	WDR72
15	rs962931	C	T	0.3438	0.6173	0.3611	Non-genic
15	rs1038553	G	A	0.375	0.08642	0.2222	Non-genic
15	rs1051890 6	A	G	0.09375	0.5988	0.3947	Non-genic
15	rs1051892 0	C	A	0.4531	0.1353	0.2632	UACA
15	rs1051907 4	A	C	0.09375	0.4048	0.3333	RORA
15	rs1051924 9	G	A	0.04688	0.4747	0.3947	ATP8B4
15	rs1051987 4	G	A	0.7812	0.253	0.3684	RYR3
15	rs1051987 5	A	G	0.7188	0.25	0.3611	RYR3
15	rs1052006 4	A	G	0.1406	0.5938	0.4062	Non-genic
15	rs1052064 8	C	T	0.6719	0.2877	0.4412	Non-genic
15	rs1052068 9	T	C	0.4688	0.05882	0.2632	IQGAP1
15	rs1052074 5	C	T	0.5	0.1488	0.3056	MCTP2
15	rs1052076	G	A	0.01562	0.4568	0.3158	Non-genic

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15	rs1052077 1	G	A	0.2031	0.0241	0.02632	Non-genic
15	rs1052077 5	T	C	0	0.6084	0.3158	Non-genic
15	rs1224635	C	T	0.3438	0.07143	0.125	Non-genic
15	rs1244323 7	G	T	0.5938	0.0814	0.2105	KIAA1199
15	rs1369308	C	T	0.03125	0.375	0.2895	RYR3
15	rs1371056	G	T	0.03125	0.3837	0.2632	PRTG
15	rs1372600	G	A	0	0.4	0.3158	Non-genic
15	rs1384739	C	T	0.4688	0.1453	0.2105	Non-genic
15	rs1559776	T	C	0.75	0.2381	0.3889	GCOM1
15	rs1867197	A	G	0.0625	0.3902	0.25	SCAPER
15	rs1948133	C	T	0.04688	0.5357	0.3421	C15orf32
15	rs2388299	G	A	0.04688	0.2917	0.2778	Non-genic
15	rs2440359	G	A	0.25	0.6512	0.4737	Non-genic
15	rs2863274	C	T	0	0.2917	0.2105	Non-genic
15	rs335505	G	T	0.7031	0.08434	0.3421	Non-genic
15	rs4128766	A	G	0.5938	0.08235	0.1579	IL16
15	rs4294760	C	A	0.01562	0.3412	0.1842	Non-genic
15	rs4332691	T	C	0	0.4118	0.2353	WDR72
15	rs4779061	G	T	0	0.2965	0.1842	FSD2
15	rs4984391	C	T	0.6875	0.3716	0.3571	MCTP2
15	rs4984419	T	C	0.01562	0.3765	0.2632	Non-genic
15	rs649526	T	C	0.1719	0.6047	0.4474	PLA2G4F
15	rs6496239	G	A	0.375	0.08929	0.1579	Non-genic
15	rs671291	G	A	0.7188	0.2619	0.4412	Non-genic
15	rs7173947	C	T	0.5	0.2073	0.3529	Non-genic
15	rs7181323	T	C	0.125	0.5929	0.4118	Non-genic
15	rs719176	A	G	0.6719	0.125	0.3421	SV2B
15	rs719704	C	T	0.7969	0.2558	0.4737	Non-genic
15	rs723831	T	C	0.09375	0.1047	0.2895	C15orf41
15	rs726914	A	G	0	0.321	0.1842	RORA
15	rs728401	G	A	0.5781	0.25	0.3947	CORO2B
15	rs7495471	C	T	0.8594	0.4062	0.4167	MCTP2
15	rs8030971	G	A	0.6094	0.1882	0.3158	ATPBD4
15	rs8038077	C	T	0.5469	0.1395	0.2368	RORA
16	rs1833161	C	T	0.625	0.2317	0.4474	GRIN2A
16	rs1992116	A	G	0.1406	0.4506	0.2105	MMP2
16	rs243840	G	A	0.625	0.2035	0.3158	MMP2
16	rs1049287 2	G	T	0	0.3291	0.1667	FTO
16	rs1362571	G	T	0.1406	0.5422	0.3421	FTO
16	rs2059283	T	G	0.2656	0.657	0.3158	XYLT1
16	rs1023442	A	G	0.2812	0.7267	0.3824	Non-genic
16	rs1049284 1	T	C	0.04688	0.5427	0.25	RBFOX1
16	rs1049285 2	A	G	0.04688	0.3663	0.02632	TXNDC11

16	rs1050035 6	C	T	0.3281	0.6686	0.3684	RBFOX1
16	rs1050046 1	A	G	0.1094	0.2048	0.1053	Non-genic
16	rs1050055 8	G	A	0.03125	0.5291	0.1842	Non-genic
16	rs1051455 0	C	T	0	0.2529	0.05263	CDH13
16	rs1051883 8	G	A	0	0.2209	0.02632	NETO2
16	rs1052108 5	T	C	0.01562	0.1588	0.05263	RBFOX1
16	rs1052109 6	T	C	0.125	0.4588	0.1842	Non-genic
16	rs1052119 2	A	G	0.2188	0.5482	0.3684	ZNF423
16	rs1052122 1	T	C	0.2656	0.7209	0.4737	Non-genic
16	rs1345849	G	A	0.3125	0.7588	0.4737	Non-genic
16	rs1383361	T	C	0.1406	0.5294	0.1579	Non-genic
16	rs150583	A	G	0.03125	0.4176	0.07895	OTOA
16	rs150728	C	T	0	0.2384	0.05263	Non-genic
16	rs1553614	A	G	0.5781	0.1951	0.4444	RBFOX1
16	rs1557811	C	T	0.03125	0.34	0.1667	CACNG3
16	rs1560278	G	A	0.4688	0.8314	0.5	Non-genic
16	rs1898680	T	G	0.7031	0.2412	0.4737	Non-genic
16	rs2113143	C	T	0.2656	0.5765	0.3947	EEF2K
16	rs2291959	T	G	0.03125	0.3155	0.07895	WWP2
16	rs2361075	C	A	0.1719	0.527	0.3158	Non-genic
16	rs35201	T	C	0.5625	0.1071	0.3947	CDH11
16	rs3815826	C	T	0.03125	0.4176	0.07895	GLG1
16	rs3922878	A	C	0.2656	0.814	0.2632	Non-genic
16	rs7185078	G	A	0.2969	0.8198	0.4474	Non-genic
16	rs7196605	C	T	0.3594	0.0407	0.3684	Non-genic
16	rs7204986	T	C	0.3594	0.8247	0.3333	CACNG3
16	rs7205534	A	G	0.1719	0.6353	0.3421	MPHOSPH6
16	rs728571	T	C	0	0.2857	0.05263	Non-genic
16	rs7404645	A	G	0	0.2778	0.1053	CDH13
16	rs753808	T	C	0	0.3795	0.07895	Non-genic
16	rs8045450	A	C	0.3594	0.8118	0.4474	WVOX
16	rs8058333	C	T	0.5312	0.7353	0.3684	ADAMTS18
16	rs8058376	C	T	0.3594	0.05814	0.2632	ZNRF1
16	rs889608	G	A	0.6094	0.1386	0.4474	Non-genic
16	rs9452	T	G	0	0.186	0.07895	SNX29
16	rs1050033 5	T	C	0.07812	0.4803	0.3824	RBFOX1
16	rs1050036 2	A	G	0.01562	0.4294	0.2895	Non-genic
16	rs1050040 8	A	G	0.1562	0.506	0.3421	Non-genic
16	rs1051445	G	A	0.5469	0.1786	0.3056	Non-genic

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16	rs10514506	C	T	0.01562	0.4878	0.2895	CDYL2
16	rs10521220	A	G	0.1094	0.5181	0.3421	Non-genic
16	rs10521238	A	G	0.7656	0.253	0.4211	Non-genic
16	rs11076556	C	T	0.7812	0.07558	0.4211	Non-genic
16	rs1160166	C	T	0.2031	0.5915	0.4474	Non-genic
16	rs1397133	G	A	0.4375	0.0814	0.1053	CDH8
16	rs1484032	G	T	0.7188	0.3824	0.4737	Non-genic
16	rs1557810	C	T	0.0625	0.3514	0.3571	CACNG3
16	rs1922608	A	G	0.8281	0.3988	0.4444	CLEC3A
16	rs1946127	G	A	0.6719	0.3974	0.2353	RBFOX1
16	rs2035247	G	T	0.7031	0.25	0.3421	RBFOX1
16	rs2161662	T	C	0.6719	0.2162	0.4333	Non-genic
16	rs30126	T	C	0.5469	0.1453	0.1842	MKL2
16	rs4785235	T	C	0.6562	0.1488	0.3158	Non-genic
16	rs7187075	T	C	0.5781	0.1047	0.2105	CDYL2
16	rs7202468	T	C	0.1875	0.5814	0.4474	Non-genic
16	rs7206138	C	T	0.1875	0.5581	0.5	Non-genic
16	rs726239	T	G	0	0.4059	0.25	Non-genic
16	rs9319534	T	G	0.2344	0.5769	0.4167	WWOX
17	rs10512461	G	A	0.01562	0.3588	0.1053	ACCN1
17	rs2881782	A	C	0.1719	0.5549	0.2632	ACCN1
17	rs317342	A	G	0.1406	0.6131	0.3684	ACCN1
17	rs319760	C	T	0.03125	0.4529	0.1316	ACCN1
17	rs63953	A	G	0.3906	0.7711	0.5	ACCN1
17	rs317343	G	A	0.01562	0.1585	0.1053	ACCN1
17	rs2889529	A	G	0.1452	0.6453	0.3421	TIMP2
17	rs4328485	C	A	0.2344	0.5595	0.1842	KCNJ2
17	rs10491093	T	G	0.6562	0.1882	0.4706	Non-genic
17	rs10491187	C	T	0.1406	0.7976	0.3947	Non-genic
17	rs10491197	G	A	0.4219	0.07229	0.2778	Non-genic
17	rs10512532	C	T	0.3281	0.8354	0.3611	Non-genic
17	rs10512536	C	T	0	0.08929	0.02632	Non-genic
17	rs10514990	A	C	0.07812	0.2746	0.1471	CA10
17	rs10515075	T	C	0.03125	0.3547	0.05263	Non-genic
17	rs10521205	C	T	0.0625	0.2616	0.02632	ARHGAP44
17	rs10521264	T	C	0.375	0.02326	0.2632	COX10
17	rs1460213	A	G	0	0.2733	0.1053	MYCBPAP

17	rs1468482	T	C	0.5781	0.8256	0.4474	Non-genic
17	rs1540373	A	G	0	0.3125	0.05882	Non-genic
17	rs1588751	C	T	0.2031	0.8875	0.4167	Non-genic
17	rs159316	T	G	0.5312	0.1084	0.3333	CCL13
17	rs181224	G	A	0.2188	0.8471	0.4706	Non-genic
17	rs2132796	C	T	0.01562	0.3837	0.1316	Non-genic
17	rs2302740	T	C	0.2031	0.5756	0.2105	Non-genic
17	rs237259	G	A	0.1562	0.872	0.5	Non-genic
17	rs237302	C	T	0.1406	0.6941	0.3684	Non-genic
17	rs2462957	G	A	0.125	0.5116	0.2778	Non-genic
17	rs3682	A	G	0.07812	0.5523	0.2632	ACOX1
17	rs3851021	A	G	0.4219	0.06977	0.3421	ITGB4
17	rs4141125	C	T	0.0625	0.3125	0.0625	CA10
17	rs440655	G	T	0.3438	0.686	0.4474	TMEM220
17	rs4792515	C	T	0.1094	0.4477	0.2105	Non-genic
17	rs719430	C	T	0.04688	0.4535	0.25	ST6GALNAC 1
17	rs7224296	A	G	0.2031	0.7927	0.4737	NSF
17	rs725543	T	C	0	0.2353	0	Non-genic
17	rs758112	A	G	0.03125	0.3554	0.1053	Non-genic
17	rs8067401	C	T	0.6875	0.1453	0.4474	PIPOX
17	rs8068052	C	T	0.5156	0.1928	0.5	Non-genic
17	rs8078470	G	A	0.1875	0.6488	0.3947	SLFN13
17	rs9303599	C	T	0.4219	0.7533	0.4412	Non-genic
17	rs938298	C	T	0.2812	0.6802	0.4737	SLFN11
17	rs1005628	G	A	0.09375	0.4821	0.3684	Non-genic
17	rs1019156	G	A	0.3438	0.03571	0.1842	Non-genic
17	rs1049119 6	C	A	0.3871	0.05625	0.1842	Non-genic
17	rs1049120 4	C	T	0	0.2616	0.1316	PRKCA
17	rs1051513 0	A	G	0.01562	0.6412	0.4737	Non-genic
17	rs1367950	T	C	0.04688	0.4419	0.2632	ITGAE
17	rs1478785	A	G	0.0625	0.7941	0.4706	NUP85
17	rs1860351	A	G	0.3438	0.1139	0.1316	Non-genic
17	rs1860574	C	T	0.125	0.5357	0.3947	MBTD1
17	rs196948	T	C	0.7188	0.25	0.4737	ERN1
17	rs2001486	A	G	0.1719	0.5529	0.4211	GLP2R
17	rs2017571	C	T	0.1094	0.4267	0.2941	ACACA
17	rs2106852	C	T	0.7656	0.2118	0.4444	Non-genic
17	rs2108606	C	T	0.7656	0.4107	0.4737	MYH4
17	rs2176324	A	G	0.5312	0.2035	0.3158	ZZEF1
17	rs223128	T	G	0.8281	0.4826	0.4474	Non-genic
17	rs2331543	A	G	0.7812	0.1562	0.3667	Non-genic
17	rs2430557	A	G	0.5625	0.1919	0.2368	Non-genic
17	rs2886048	T	C	0.6562	0.128	0.2188	ABCA6
17	rs2960089	C	T	0.5312	0.1824	0.1842	TMEM100
17	rs350009	T	G	0.0625	0.4695	0.3611	Non-genic



17	rs4548936	G	A	0.07812	0.5128	0.3889	Non-genic
17	rs4644888	C	T	0.2656	0.6047	0.4737	PRKCA
17	rs7213125	A	G	0.5938	0.1429	0.2647	TTC19
17	rs7219451	T	C	0.1406	0.5412	0.3947	KRT28
17	rs7222656	A	G	0.625	0.2215	0.2895	Non-genic
17	rs725923	C	T	0.1562	0.5361	0.3684	Non-genic
17	rs7406059	C	T	0.03125	0.1882	0.3056	Non-genic
17	rs8074185	C	T	0.25	0.6205	0.5	CA10
17	rs8077944	G	A	0.01562	0.5349	0.3684	MAP2K6
17	rs913438	T	C	0.09375	0.5698	0.4474	Non-genic
17	rs918077	G	A	0.7344	0.1524	0.3889	Non-genic
17	rs929585	A	G	0.09375	0.6951	0.3947	ANKFN1
17	rs9302940	T	G	0.5	0.04545	0.07692	Non-genic
17	rs9303681	T	C	0.7344	0.1802	0.3684	RFFL
18	rs1013459	A	G	0.2812	0.9244	0.4737	GNAL
18	rs9303743	T	C	0.6719	0.05233	0.2895	GNAL
18	rs8087768	T	G	0.2969	0.657	0.4211	CNDP1
18	rs8083963	T	C	0.4531	0.1235	0.3947	NEDD4L
18	rs1050244 1	G	A	0.1719	0.4398	0.1579	LAMA3
18	rs1050252 5	A	G	0.5781	0.8313	0.5	Non-genic
18	rs1050254 1	G	A	0.01562	0.1296	0	Non-genic
18	rs1050268 3	A	G	0	0.2765	0.05263	Non-genic
18	rs1050272 5	A	C	0.04688	0.4176	0.2105	Non-genic
18	rs1050278 2	A	G	0.2031	0.01948	0.2778	Non-genic
18	rs1050301 4	C	T	0.5312	0.2308	0.4118	Non-genic
18	rs1050303 2	A	G	0.1094	0.4647	0.2105	CCBE1
18	rs1050309 4	C	A	0	0.09884	0.02632	Non-genic
18	rs1051396 5	T	C	0.2188	0.5833	0.3947	DOK6
18	rs1051405 6	C	T	0.1094	0.7412	0.3947	NETO1
18	rs1051419 1	A	G	0.625	0.0407	0.4211	Non-genic
18	rs1051600 1	G	A	0.07812	0.2945	0.02941	Non-genic
18	rs1113144	G	T	0.5156	0.8837	0.4211	FBXO15
18	rs121317	T	C	0.5312	0.1131	0.4737	Non-genic
18	rs1217566	C	T	0.4375	0.907	0.5	Non-genic
18	rs1284427	A	G	0.4844	0.128	0.3684	C18orf1
18	rs1369766	T	C	0.1094	0.6412	0.3684	Non-genic
18	rs1374108	G	A	0.5312	0.869	0.4474	PTPRM
18	rs1380085	C	T	0.1875	0.7346	0.3684	FAM59A

18	rs1383525	G	A	0.1719	0.6829	0.3421	Non-genic
18	rs1397057	A	G	0.1562	0.5353	0.3421	Non-genic
18	rs1403301	A	G	0.1719	0.5797	0.3214	SERPINB11
18	rs1443002	C	T	0.2656	0.03571	0.2895	Non-genic
18	rs1445089	A	G	0.4107	0.7143	0.3611	Non-genic
18	rs1543229	A	G	0.2812	0.756	0.3684	Non-genic
18	rs1545112	A	G	0.2188	0.5133	0.2632	Non-genic
18	rs1545814	T	C	0.3906	0.6726	0.4474	Non-genic
18	rs1662813	C	T	0.4688	0.8471	0.4737	Non-genic
18	rs1833422	T	G	0.5625	0.2333	0.4211	Non-genic
18	rs1852893	A	G	0.1562	0.7561	0.3611	Non-genic
18	rs1893212	G	A	0.03125	0.2381	0	Non-genic
18	rs1941915	C	T	0.2969	0.6807	0.3824	Non-genic
18	rs1943228	G	A	0	0.2	0.08333	Non-genic
18	rs1943984	T	G	0.4375	0.1012	0.4375	Non-genic
18	rs2040195	G	A	0.4194	0.6975	0.2632	Non-genic
18	rs218286	T	C	0.625	0.1118	0.4737	TMX3
18	rs271491	T	C	0.4062	0.09524	0.2632	C18orf34
18	rs304409	C	T	0.1875	0.7616	0.3684	Non-genic
18	rs3786256	G	A	0	0.179	0.02632	DOK6
18	rs3884522	A	C	0.01562	0.1867	0.02778	Non-genic
18	rs4116712	T	C	0.1667	0.7384	0.3421	Non-genic
18	rs4129498	T	G	0.07812	0.3519	0.1765	Non-genic
18	rs4131454	T	C	0.4844	0.1369	0.4474	ZNF521
18	rs459329	T	C	0.5	0.1471	0.3947	Non-genic
18	rs470490	G	T	0.03125	0.3452	0.1176	Non-genic
18	rs4798593	C	T	0.4688	0.744	0.3684	PTPRM
18	rs4891158	T	C	0.4844	0.7976	0.4474	Non-genic
18	rs538445	C	T	0.01562	0.5714	0.1842	RIT2
18	rs543224	T	C	0.7031	0.1772	0.4706	Non-genic
18	rs585955	T	G	0.07812	0.4471	0.1579	Non-genic
18	rs619825	A	G	0.2031	0.5	0.2105	Non-genic
18	rs633691	A	C	0.1094	0.4759	0.1579	LAMA1
18	rs6506216	A	G	0.0625	0.7209	0.1316	Non-genic
18	rs690311	C	A	0.04688	0.436	0.1842	KIAA0802
18	rs721881	A	C	0.3281	0.5872	0.2895	Non-genic
18	rs7231421	T	C	0.2969	0.03529	0.2895	RNF165
18	rs7237402	G	A	0.5	0.6867	0.2632	Non-genic
18	rs7243673	C	T	0.2812	0.7134	0.3529	PTPRM
18	rs727929	A	G	0.3438	0.8488	0.4474	Non-genic
18	rs8089921	T	C	0.01562	0.2917	0.1053	NETO1
18	rs894565	T	C	0.2812	0.06471	0.1842	MYOM1
18	rs920730	A	G	0.4062	0.1686	0.5	ZNF407
18	rs9304112	C	T	0.4375	0.06329	0.4167	KLHL14
18	rs9304215	T	C	0.03125	0.2647	0.07895	Non-genic
18	rs9304458	C	A	0.3906	0.7134	0.5	OSBPL1A
18	rs951666	A	G	0.3281	0.8081	0.4211	Non-genic
18	rs952428	C	T	0.4219	0.04651	0.2368	LAMA1

18	rs970238	A	G	0.3125	0.657	0.3421	Non-genic
18	rs973060	G	A	0.5156	0.1145	0.4474	Non-genic
18	rs1016425	C	T	0	0.4157	0.3421	Non-genic
18	rs1050233 0	T	G	0.6562	0.2588	0.3421	EPB41L3
18	rs1050238 8	G	A	0.01562	0.4884	0.3056	Non-genic
18	rs1050243 2	G	A	0.1875	0.4353	0.4211	Non-genic
18	rs1050252 7	A	G	0.0625	0.4762	0.3421	Non-genic
18	rs1050309 0	C	T	0.07812	0.4551	0.2941	Non-genic
18	rs1050313 7	G	A	0.4531	0.05696	0.1471	CCDC102B
18	rs1051415 7	T	C	0.04688	0.2941	0.2105	Non-genic
18	rs1893144	T	C	0.09375	0.5349	0.3421	Non-genic
18	rs1942150	G	A	0.5312	0.1647	0.3421	RALBP1
18	rs2042729	T	C	0.4062	0.04375	0.2105	SERPINB10
18	rs2298532	G	A	0.09375	0.4643	0.2895	Non-genic
18	rs2868932	G	T	0.7812	0.3765	0.4737	Non-genic
18	rs3859405	C	T	0.7812	0.3375	0.3421	Non-genic
18	rs4602126	T	C	0.7344	0.1512	0.3947	RNF165
18	rs475598	C	T	0.07812	0.6977	0.4474	LAMA1
18	rs482570	A	G	0.5312	0.1786	0.2895	Non-genic
18	rs4940595	G	T	0.6406	0.2442	0.3889	SERPINB11
18	rs4997493	C	T	0.1719	0.5872	0.4474	Non-genic
18	rs518111	G	A	0.1875	0.5476	0.3947	MAPRE2
18	rs560098	T	C	0.07812	0.4709	0.2895	Non-genic
18	rs612913	A	G	0.2812	0.03488	0.1579	Non-genic
18	rs667508	G	A	0.6719	0.2384	0.2895	ONECUT2
18	rs690378	G	A	0.4844	0.1446	0.2895	ZNF516
18	rs724879	G	A	0.07812	0.5465	0.3947	Non-genic
18	rs724881	C	T	0.4688	0.1163	0.2222	Non-genic
18	rs930909	C	T	0.1406	0.6039	0.3947	RBBP8
18	rs965976	G	A	0.7031	0.2597	0.4211	Non-genic
18	rs968668	A	C	0.8281	0.07059	0.3947	C18orf34
19	rs688	T	C	0.03125	0.4643	0.1579	LDLR
19	rs1709084	G	A	0.2344	0.07059	0.3684	CYP2A13
19	rs1050026 1	G	A	0.125	0.4643	0.1579	Non-genic
19	rs1051360 6	T	C	0.2812	0.04118	0.3158	Non-genic
19	rs1051824 7	G	A	0.4531	0.04706	0.2632	Non-genic
19	rs1073653	A	G	0.1562	0.5471	0.2105	Non-genic
19	rs2037735	T	C	0.4375	0.08235	0.4211	NAPA
19	rs2161250	C	T	0.2969	0.686	0.3684	CACNA1A
19	rs2241721	C	T	0.0625	0.4118	0.1053	LIG1
19	rs2361128	G	A	0.3281	0.7118	0.4737	Non-genic

19	rs2571081	A	G	0.03125	0.5813	0.2632	Non-genic
19	rs4805877	A	G	0.2031	0.6529	0.3684	PEPD
19	rs6508962	G	A	0.1875	0.6047	0.3158	Non-genic
19	rs717225	A	G	0.2344	0.8721	0.4211	ARHGEF1
19	rs754292	T	C	0.07812	0.6145	0.3158	MED26
19	rs8111998	T	C	0.7097	0.1707	0.4474	Non-genic
19	rs8113805	G	A	0.2031	0.7262	0.3611	EMR1
19	rs836896	T	C	0.2031	0.7412	0.3421	ZNF486
19	rs9305000	A	G	0.5938	0.1205	0.4211	Non-genic
19	rs1052020 3	T	C	0.01562	0.1337	0.07895	CHST8
19	rs1052021 1	G	T	0.2812	0.04706	0.1053	LSM14A
19	rs1293700	G	A	0.8438	0.3176	0.4211	Non-genic
19	rs2112527	G	A	0.4219	0.1279	0.1579	ZNF560
19	rs286300	T	C	0.7656	0.1221	0.3947	TRPC7
19	rs3786777	C	A	0	0.6337	0.3421	SEPW1
19	rs502110	A	G	0.6406	0.2151	0.2895	ZNF345
19	rs718258	A	G	0.75	0.3706	0.3684	CYP4F3
19	rs739453	A	G	0.5625	0.2674	0.2632	Non-genic
19	rs754291	A	G	0.1719	0.6	0.4474	MED26
19	rs9304608	T	C	0.6406	0.1395	0.2632	Non-genic
19	rs9304930	C	T	0.375	0.07558	0.07895	ACSBG2
20	rs363032	C	T	0.6094	0.1221	0.3684	SNAP25
20	rs951843	T	C	0.6094	0.2471	0.3684	PCSK2
20	rs1028846	A	G	0.1562	0.6076	0.25	Non-genic
20	rs1048558 7	G	A	0.0625	0.4477	0.2105	Non-genic
20	rs1048563 5	C	A	0	0.2151	0.1053	Non-genic
20	rs1048563 6	A	G	0.01562	0.2151	0.1053	Non-genic
20	rs1048567 1	C	T	0	0.4286	0.2105	Non-genic
20	rs1048572 8	C	T	0	0.2176	0.05556	PLCB1
20	rs1048573 7	G	A	0.07812	0.3779	0.07895	Non-genic
20	rs1048574 7	C	T	0.09375	0.3598	0.1053	Non-genic
20	rs1048579 1	G	A	0.3281	0.07059	0.2105	Non-genic
20	rs1051234	C	T	0.3281	0.07647	0.2895	DSTN
20	rs1073519	C	T	0.03125	0.5125	0.1667	Non-genic
20	rs1073768	T	C	0	0.625	0.1842	Non-genic
20	rs1299153	A	G	0.09375	0.5706	0.2632	Non-genic
20	rs1570485	A	G	0.09375	0.5529	0.1579	MACROD2
20	rs1981429	T	G	0.2812	0.6977	0.4211	SDC4
20	rs2145078	A	G	0	0.5756	0.1842	Non-genic
20	rs2180566	T	C	0.3281	0.7706	0.5	Non-genic
20	rs2328411	C	T	0.5625	0.1686	0.4167	SLC24A3

20	rs234623	G	A	0	0.619	0.2895	Non-genic
20	rs2876404	T	C	0.07812	0.6566	0.2105	MACROD2
20	rs354747	A	G	0.0625	0.7024	0.3421	Non-genic
20	rs3848731	A	G	0.1562	0.4826	0.2632	Non-genic
20	rs405970	G	A	0.375	0.06395	0.4211	Non-genic
20	rs411944	G	A	0.375	0.6941	0.4737	MACROD2
20	rs4142394	C	T	0.3125	0.02941	0.1944	TOP1
20	rs421630	T	G	0.5968	0.7593	0.4706	Non-genic
20	rs4810321	C	T	0.1406	0.6813	0.3684	CHD6
20	rs4813327	T	C	0.2969	0.04651	0.3158	C20orf12
20	rs4814335	A	G	0.03125	0.2917	0.02632	MACROD2
20	rs6021120	G	A	0.4375	0.01163	0.3684	Non-genic
20	rs6023367	G	A	0.04688	0.9268	0.4722	DOK5
20	rs6032142	C	T	0.125	0.5059	0.2895	SYS1
20	rs6035452	A	G	0.03125	0.3395	0.1579	Non-genic
20	rs6056500	C	A	0.2969	0.09524	0.4211	PLCB4
20	rs6067282	C	T	0.1719	0.6221	0.2632	RNF114
20	rs6085728	G	A	0.1562	0.3235	0.2105	Non-genic
20	rs6085806	G	T	0.1094	0.6588	0.2632	Non-genic
20	rs6088901	T	C	0.0625	0.6768	0.2105	DEFB115
20	rs6092111	A	G	0.5312	0.1566	0.3889	Non-genic
20	rs6106144	G	A	0.2656	0.04651	0.3947	Non-genic
20	rs6133460	T	C	0.01562	0.2012	0.02632	Non-genic
20	rs6140124	C	T	0	0.2353	0.1053	Non-genic
20	rs708629	A	G	0.2656	0.6235	0.4211	Non-genic
20	rs723295	T	C	0.2656	0.7907	0.4211	Non-genic
20	rs724940	G	A	0.6719	0.2188	0.4667	Non-genic
20	rs727336	C	T	0.125	0.5529	0.2895	PTPRT
20	rs7274170	T	C	0.5938	0.03614	0.3684	DOK5
20	rs911122	A	G	0.1562	0.5536	0.1842	Non-genic
20	rs986831	G	A	0.09375	0.5	0.2778	PTPRT
20	rs1048547 0	T	C	0.01562	0.3235	0.1842	Non-genic
20	rs1048547 8	C	A	0.125	0.6824	0.4211	Non-genic
20	rs1048556 9	A	G	0.4688	0.1386	0.25	Non-genic
20	rs1048563 4	A	G	0.03125	0.2176	0.1316	Non-genic
20	rs1048574 9	A	G	0.6406	0.2083	0.4167	Non-genic
20	rs1048580 5	G	A	0.04688	0.2917	0.3158	AURKA
20	rs1158167	G	A	0.5469	0.2711	0.2632	Non-genic
20	rs2143216	A	G	0.5625	0.2566	0.3529	Non-genic
20	rs2205824	G	A	0.875	0.4085	0.4167	Non-genic
20	rs2268921	T	G	0.8906	0.4477	0.4737	VAPB
20	rs2378132	G	A	0.7812	0.1628	0.4211	Non-genic
20	rs2876412	A	C	0.5469	0.06173	0.2	MACROD2
20	rs3848799	T	C	0.01562	0.5647	0.3158	Non-genic

20	rs6029893	C	T	0.0625	0.3721	0.2368	Non-genic
20	rs6030208	A	C	0.6562	0.1446	0.3611	PTPRT
20	rs6030447	A	G	0.5781	0.2706	0.1579	PTPRT
20	rs6030634	G	A	0.4531	0.1607	0.2632	PTPRT
20	rs6035046	T	G	0.2812	0.05233	0.05263	C20orf12
20	rs6046326	C	T	0.5312	0.09884	0.2895	Non-genic
20	rs6047186	T	C	0.04688	0.3393	0.2778	Non-genic
20	rs6055922	G	A	0.5	0.1706	0.1579	PLCB1
20	rs6063858	G	A	0.09375	0.4583	0.3421	Non-genic
20	rs6085938	G	A	0.1719	0.4481	0.3438	Non-genic
20	rs6113161	G	A	0.5781	0.2267	0.2632	Non-genic
20	rs6123551	A	G	0.09375	0.6176	0.3611	Non-genic
20	rs6513787	A	C	0.6719	0.1176	0.1579	PTPRT
20	rs719628	T	C	0.125	0.7616	0.4474	ISM1
20	rs721424	T	G	0.2344	0.5714	0.4211	C20orf26
20	rs750702	G	T	0	0.4647	0.2368	C20orf194
20	rs765072	A	C	0.2188	0.0375	0	Non-genic
20	rs910858	G	A	0.6562	0.3198	0.3421	C20orf54
21	rs2832478	T	G	0.01562	0.4345	0.1389	GRIK1
21	rs3788010	A	G	0.2344	0.5244	0.2895	ABCG1
21	rs2830066	T	C	0.07812	0.5235	0.3421	APP
21	rs2836489	C	T	0.75	0.3706	0.4211	ERG
21	rs1048295 1	T	C	0.5156	0.1163	0.4167	Non-genic
21	rs1048304 9	G	A	0.01562	0.2651	0.07895	Non-genic
21	rs1557365	C	T	0.01562	0.3272	0.1316	Non-genic
21	rs1571665	A	G	0.01562	0.3393	0.1316	Non-genic
21	rs189457	C	T	0.1875	0.6481	0.3421	C21orf34
21	rs2178817	A	G	0.2344	0.6471	0.3947	Non-genic
21	rs218328	G	A	0.2969	0.04938	0.25	Non-genic
21	rs2205129	A	G	0.6875	0.244	0.4737	DSCAM
21	rs2211881	G	A	0.3125	0.8636	0.5	TIAM1
21	rs2211984	G	A	0.1719	0.9529	0.5	Non-genic
21	rs2248589	G	T	0.2188	0.7892	0.4211	Non-genic
21	rs2249039	A	G	0.375	0.06173	0.3421	Non-genic
21	rs2254476	A	G	0.07812	0.5176	0.2895	Non-genic
21	rs2404001	C	T	0.125	0.7965	0.3529	USP25
21	rs2822665	G	A	0.5469	0.1429	0.4444	Non-genic
21	rs2822872	A	G	0.03125	0.2658	0.07895	Non-genic
21	rs2822961	T	C	0.1562	0.5432	0.25	Non-genic
21	rs2823324	T	G	0.5156	0.08235	0.4737	Non-genic
21	rs2823888	T	C	0.5	0.1012	0.3158	C21orf34
21	rs2824502	C	T	0.5781	0.1	0.3947	Non-genic
21	rs2825830	A	G	0.3438	0.6529	0.4737	Non-genic
21	rs2826728	A	G	0.3906	0.8588	0.4211	NCAM2
21	rs2828155	A	C	0.25	0.5974	0.4211	Non-genic
21	rs2830535	T	C	0.07812	0.5235	0.2632	Non-genic
21	rs2833087	T	C	0.6094	0.06471	0.4167	Non-genic

21	rs2833103	A	G	0.3438	0.04878	0.2778	Non-genic
21	rs2833282	G	A	0.3281	0.03529	0.1842	TIAM1
21	rs2833451	C	T	0.04688	0.2706	0.1053	Non-genic
21	rs2834380	G	A	0.2031	0.5854	0.3333	MRPS6
21	rs2837227	T	C	0.01562	0.3372	0.1667	IGSF5
21	rs3787757	A	G	0.03125	0.244	0.07895	HLCS
21	rs723855	G	A	0.1562	0.5886	0.3684	Non-genic
21	rs766850	C	T	0.125	0.7083	0.3421	BACE2
21	rs981931	C	T	0.07812	0.5556	0.1579	Non-genic
21	rs1474519	A	G	0.0625	0.4756	0.3158	Non-genic
21	rs2408971	G	A	0.5938	0.2176	0.3947	Non-genic
21	rs2825077	C	T	0.7031	0.2963	0.4167	Non-genic
21	rs2825226	A	G	0.01562	0.3779	0.2105	Non-genic
21	rs2825724	C	T	0.01562	0.3294	0.1842	Non-genic
21	rs2827115	G	A	0.0625	0.2941	0.4211	Non-genic
21	rs2829793	C	T	0.6094	0.1914	0.3947	Non-genic
21	rs2832643	T	C	0	0.5523	0.3158	Non-genic
21	rs2833485	A	G	0.5625	0.1667	0.2222	SCAF4
21	rs2836048	A	G	0.8594	0.3895	0.4737	KCNJ6
21	rs2837108	T	C	0.04688	0.4302	0.2895	B3GALT5
21	rs2838816	A	G	0.4062	0.06548	0.1579	ADARB1
21	rs928285	G	A	0.01562	0.4419	0.3421	Non-genic
21	rs928769	A	G	0.6719	0.3023	0.3529	KCNJ15
21	rs967445	T	G	0	0.3059	0.3333	PDE9A
22	rs8140197	A	G	0.4516	0.1726	0.1842	TUBA8
22	rs1048324 6	T	C	0.01562	0.2857	0.05263	Non-genic
22	rs132556	C	T	0.6094	0.04819	0.4474	ZNRF3
22	rs134704	C	T	0.25	0.6607	0.4412	Non-genic
22	rs135938	A	G	0.25	0.3895	0.2105	Non-genic
22	rs139897	A	G	0.1094	0.4593	0.2368	Non-genic
22	rs139954	C	T	0.3438	0.02353	0.2632	Non-genic
22	rs174345	G	A	0.2656	0.6145	0.3158	CECR2
22	rs1885359	G	A	0.3125	0.7202	0.4737	Non-genic
22	rs3905396	A	G	0.4219	0.09036	0.3158	Non-genic
22	rs4823407	C	T	0	0.1977	0.02632	PHF21B
22	rs5748307	G	A	0.4375	0.7765	0.4474	Non-genic
22	rs5995576	T	C	0.6562	0.1686	0.4167	Non-genic
22	rs717336	C	A	0.25	0.5824	0.1579	Non-genic
22	rs719925	C	T	0.1094	0.3902	0	SMC1B
22	rs7286605	A	G	0.03125	0.4048	0	FAM118A
22	rs7290139	G	A	0.03125	0.4	0	FAM118A
22	rs760531	C	A	0.5781	0.1824	0.4211	Non-genic
22	rs9306511	T	C	0.5469	0.1386	0.3947	Non-genic
22	rs134709	C	T	0.03125	0.6728	0.4474	Non-genic
22	rs2285201	T	C	0.1129	0.5353	0.3421	MYO18B
22	rs431319	G	A	0.8125	0.3512	0.4474	Non-genic
22	rs6004913	A	G	0.04688	0.7209	0.3947	Non-genic
22	rs9306430	T	C	0.7344	0.09302	0.2895	Non-genic





**Table S3 – Gene classification Enrichment analysis of genes encompassing the ancestry informative markers which are closer in allele frequency to the Indian ancestral population.**

Gene Group 1	Enrichment Score: 2.380653765217141
OFFICIAL_GENE_SYMBOL	Gene Name
KCNIP4	Kv channel interacting protein 4
KCNH8	potassium voltage-gated channel, subfamily H (eag-related), member 8
NALCN	sodium leak channel, non-selective
KCNK10	potassium channel, subfamily K, member 10
SLC39A12	solute carrier family 39 (zinc transporter), member 12
SLC9A11	solute carrier family 9, member 11
TRPM3	transient receptor potential cation channel, subfamily M, member 3
KCNJ6	potassium inwardly-rectifying channel, subfamily J, member 6
KCNJ15	potassium inwardly-rectifying channel, subfamily J, member 15
KCNIP1	Kv channel interacting protein 1
KCNN3	potassium intermediate/small conductance calcium-activated channel, subfamily N, member 3
KCNT2	potassium channel, subfamily T, member 2
KCNQ3	potassium voltage-gated channel, KQT-like subfamily, member 3
SLC12A8	solute carrier family 12 (potassium/chloride transporters), member 8
Gene Group 2	Enrichment Score: 2.141087043401848
OFFICIAL_GENE_SYMBOL	Gene Name
CDH18	cadherin 18, type 2
C9orf135	chromosome 9 open reading frame 135
ITGAE	integrin, alpha E (antigen CD103, human mucosal lymphocyte antigen 1; alpha polypeptide)
CDH10	cadherin 10, type 2 (T2-cadherin)
CDH8	cadherin 8, type 2
PCDH7	protocadherin 7
PCDHGA3	protocadherin gamma subfamily A, 3

C10orf72	chromosome 10 open reading frame 72
ITGA9	integrin, alpha 9
PCDH9	protocadherin 9