

**Supplemental Table 1. 10,177 non-synonymous single nucleotide polymorphisms on ParAllele panel;  
the San Francisco Bay Area Adult Glioma Study**

Reference Sequence Number	Gene Symbol	Alleles	Chromosomal Location	Minor Allele	Minor Allele Frequency, Case	Minor Allele Frequency, Control	P-value*
rs8289	FUT6, M6PRBP1	A/G	19p	A	0.357798165	0.188073394	0.000141
rs10495960	LHCGR, GTF2A1L	A/G	02p	A	0.102678571	0.245454545	0.000145
rs1195889	GPR133	A/G	12q	A	0.339285714	0.495495495	0.000547
rs11076585		C/T	16q	T	0.147321429	0.290178571	0.00055
rs10415562	OR7C1	C/T	19p	C	0.294642857	0.183035714	0.000805
rs7955866	FGF23	A/G	12p	A	0.163636364	0.049549549	0.001078
rs3765083	MFSD1	A/G	03q	A	0.486607143	0.339285714	0.001137
rs12455859		G/T	18p	G	0.473214286	0.366071429	0.001248
rs3732548	hCG_1813818	A/C	03p	C	0.21875	0.357142857	0.001609
rs1047840	EXO1	A/G	01q	A	0.321428571	0.468181818	0.002261
rs10817025	SVEP1	C/T	09q	C	0.403061224	0.252747253	0.002461
rs1265054	C6orf15	A/G	06p	A	0.382882883	0.468468468	0.002688
rs319522	GPC6	A/G	13q	G	0.40625	0.455357143	0.003242
rs7522157	CLCC1, C1orf62	C/T	01p	T	0.254464286	0.382882883	0.003275
rs2017467		A/G	11q	A	0.068181818	0.155963303	0.003282
rs4272850	TMEM132C	A/G	12q	A	0.294642857	0.178571429	0.003348
rs10490923	ARMS2	A/G	10q	A	0.09375	0.196428571	0.003436
rs1129770	CMYA5	A/G	05q	A	0.142857143	0.258928571	0.003448
rs2298771	SCN1A	A/G	02q	G	0.361607143	0.232142857	0.003505
rs6902416	TRDN	C/G	06q	G	0.1875	0.09009009	0.004266
rs2502601	SYNJ2	C/T	06q	T	0.40625	0.459821429	0.0043
rs4691212		G/T	04q	G	0.267857143	0.392857143	0.004421
rs3734960	DPP6	C/T	07q	C	0.34375	0.218181818	0.004809
rs3817121	CAND2	A/G	03p	A	0.245535714	0.138392857	0.005011
rs12610412	ZNF77	C/G	19p	G	0.169642857	0.080357143	0.005096
rs2296308	RWDD3	G/T	01p	T	0.171171171	0.081081081	0.005159
rs266881	KLK3	A/C	19q	A	0.440366973	0.41588785	0.005503
rs1046116	PKP2	C/T	12p	C	0.27027027	0.160714286	0.005733
rs2747701	FAM135A	A/G	06q	A	0.433035714	0.441441441	0.006122
rs4801958	ZNF665	C/T	19q	C	0.455357143	0.328828829	0.006323
rs3177253	PECI	A/G	06p	A	0.223214286	0.339285714	0.006341
rs6949654	tcag7.1314	C/T	07q	T	0.178571429	0.089285714	0.006551

rs3803704	FLJ11171	A/G	16q	G	0.321428571	0.205357143	0.006644
rs7022771		A/C	09q	A	0.291262136	0.41509434	0.006828
rs10911825	HMCN1	A/G	01q	G	0.325892857	0.214285714	0.006939
rs12360890	OR5T1	A/G	11q	G	0.459821429	0.325892857	0.007113
rs843971	PGLYRP3	A/G	01q	A	0.297297297	0.419642857	0.007251
rs1265053	C6orf15	C/G	06p	C	0.341121495	0.476635514	0.007562
rs1657133		A/G	16p	G	0.133027523	0.229357798	0.007829
rs10845293	TAS2R44	A/G	12p	A	0.416666667	0.462616822	0.007847
rs709564	CCDC54	A/G	03q	A	0.196428571	0.299107143	0.008181
rs799661		A/G	14q	A	0.068807339	0.138392857	0.008647
rs2862954	ERLIN1	C/T	10q	T	0.397321429	0.473214286	0.008824
rs12460170	ZNF665	A/G	19q	A	0.45045045	0.330357143	0.009014
rs10896271	OR8K1	A/G	11q	G	0.455357143	0.325892857	0.009332
rs998544	OR5R1	C/T	11q	T	0.455357143	0.325892857	0.009332
rs511987		A/G	11q	G	0.446428571	0.321428571	0.009383
rs10028124	SCLT1	A/T	04q	T	0.397321429	0.279279279	0.009603
rs1742429	C16orf73	C/T	16p	C	0.126126126	0.21875	0.009638
rs8097835		A/G	18q	A	0.383928571	0.490990991	0.009657
rs7226913	OSBPL1A	C/T	18q	C	0.40625	0.473214286	0.009687
rs3123101	VIL2, SYTL3	A/T	06q	T	0.325892857	0.214285714	0.009707
rs1421217		C/T	08q	C	0.482142857	0.396396396	0.009864
rs7000148	C8orf68	C/G	08p	C	0.415178571	0.290178571	0.009871
rs6235	PCSK1	C/G	05q	C	0.223214286	0.339285714	0.01003
rs4590080	LIMCH1	C/G	04p	C	0.072072072	0.013513513	0.010241
rs2014576	SIX5	C/T	19q	C	0.387387387	0.490990991	0.010394
rs911391		A/C	16p	A	0.133027523	0.227678571	0.010747
rs1056320	MGC24039	A/C	12p	A	0.160714286	0.075892857	0.010755
rs2022923	MGC39715	A/G	08q	G	0.355855856	0.472972973	0.010953
rs3783941	TSHR	G/T	14q	G	0.400900901	0.285714286	0.011044
rs10888390	CTSS	A/G	01q	A	0.303571429	0.424107143	0.011053
rs2242373	FLJ35773	C/T	17p	T	0.125	0.214285714	0.011096
rs4555873		C/T	05q	T	0.378378378	0.258928571	0.011157
rs3118574		A/G	09q	A	0.272321429	0.382882883	0.01122
rs3806692	LOC401068	C/G	03p	C	0.129464286	0.058035714	0.011288
rs9639168	ETV1	C/T	07p	C	0.294642857	0.410714286	0.01153
rs12115750	LOC402377	A/C	09q	A	0.085585586	0.160714286	0.011651
rs1935	JMJD1C	C/G	10q	G	0.436936937	0.449074074	0.011651

rs2458236	DUOX1	C/T	15q	C	0.413636364	0.296296296	0.012023
rs2898904		A/G	11p	G	0.439814815	0.327102804	0.012136
rs5748648	XKR3	A/G	22q	A	0.107142857	0.045045045	0.012189
rs12096753	TRIM67	C/T	01q	C	0.111607143	0.205357143	0.012308
rs3813636	C1orf49	G/T	01q	G	0.469072165	0.403061224	0.012503
rs649058	TNNI3K	A/G	01p	G	0.491071429	0.397321429	0.012544
rs9806945	C16orf73	A/G	16p	G	0.131818182	0.223214286	0.01258
rs1553316	HAVCR1	C/T	05q	T	0.09375	0.174107143	0.01259
rs2285374		A/G	11q	G	0.450892857	0.333333333	0.012642
rs8030587	STARD9	A/G	15q	A	0.265765766	0.169642857	0.012652
rs1291212	ZGPAT	C/G	20q	C	0.09009009	0.032110092	0.012993
rs1006954	ZZEF1	C/T	17p	T	0.081081081	0.15625	0.013052
rs10825269	PCDH15	C/T	10q	T	0.080357143	0.15625	0.013123
rs10022054	LOC402175	A/G	04p	G	0.125	0.053571429	0.013395
rs8023524	CDAN1	A/G	15q	A	0.235576923	0.136792453	0.013523
rs2045571	FCGR2B	C/T	01q	T	0.089622642	0.164948454	0.013544
rs560389		A/G	01p	A	0.263392857	0.370535714	0.013678
rs12568310	FLJ35530	C/T	01q	T	0.446428571	0.333333333	0.013762
rs2274756	MMP9	A/G	20q	A	0.116071429	0.202702703	0.013772
rs9532758	MTRF1	C/T	13q	C	0.108108108	0.040178571	0.013823
rs1065838	C16orf45	C/T	16p	C	0.316513761	0.213636364	0.013829
rs2637777	FAT	G/T	04q	G	0.325892857	0.446428571	0.01394
rs10904481	UCN3	A/G	10p	G	0.370535714	0.261261261	0.014251
rs1381657	CENPE	C/G	04q	G	0.217592593	0.135135135	0.014263
rs6234	PCSK1	C/G	05q	G	0.225225225	0.336363636	0.014507
rs10817479	WDR31	A/G	09q	A	0.095454545	0.036036036	0.014973
rs2306595	MYOHD1	C/T	17q	C	0.086363636	0.03125	0.015081
rs2306175	C4orf26	A/G	04q	A	0.169642857	0.263392857	0.015123
rs227787	OR3A3	C/T	17p	C	0.205357143	0.301801802	0.015262
rs1801516	ATM	A/G	11q	A	0.098214286	0.183035714	0.015312
rs2208525		G/T	20q	T	0.207207207	0.303571429	0.015664
rs2280544	BET1L	C/T	11p	T	0.207207207	0.303571429	0.015678
rs6983981	C8orf68	A/C	08p	C	0.387387387	0.272321429	0.015777
rs3213831	PZP	C/T	12p	T	0.385321101	0.5	0.01587
rs12568050	ZNF648	C/G	01q	C	0.189189189	0.110091743	0.016023
rs4245199	PVRL1	G/T	11q	G	0.117117117	0.054545454	0.016052
rs710187	GCAT	C/T	22q	C	0.482142857	0.403669725	0.016496

rs10836399	OR51D1	C/G	11p	C	0.165178571	0.258928571	0.016558
rs11230600	OR4C6	C/T	11q	C	0.339285714	0.232142857	0.016685
rs1459101	OR4C16	A/G	11q	A	0.339285714	0.232142857	0.016685
rs4987236		A/G	08p	A	0.072072072	0.022522522	0.016757
rs7811042	CCDC129	A/C	07p	C	0.368686869	0.260869565	0.016823
rs2266988	PRAME	A/G	22q	A	0.352678571	0.464285714	0.016995
rs2280205	SLC2A9	A/G	04p	G	0.49537037	0.390909091	0.017326
rs3823430	DNAH8	C/T	06p	C	0.111607143	0.191964286	0.017409
rs10816	C13orf28	A/T	13q	A	0.45045045	0.342342342	0.017653
rs1051624	CDH17	A/C	08q	A	0.473214286	0.405405405	0.01772
rs3817672	TFRC	A/G	03q	G	0.5	0.391891892	0.017722
rs1805127	KCNE1	A/G	21q	A	0.308035714	0.419642857	0.017774
rs9850805		A/C	03q	A	0.252252252	0.36036036	0.018056
rs627933		C/T	11q	C	0.245535714	0.351351351	0.018572
rs4949211		C/T	01p	C	0.477272727	0.405660377	0.019046
rs3798130	KIF3A	A/G	05q	A	0.118181818	0.200892857	0.019145
rs447802	FAM83E	C/T	19q	C	0.211711712	0.304545454	0.019167
rs2372536	ATIC	C/G	02q	G	0.267857143	0.375	0.019415
rs626251	C1orf87	C/T	01p	C	0.364864865	0.482142857	0.019488
rs4902695		C/T	14q	T	0.223214286	0.321428571	0.019609
rs1151625	LIME1, SLC2A4RG	C/T	20q	T	0.089285714	0.035714286	0.019707
rs9394866	FLJ90086	A/G	06p	G	0.459821429	0.433035714	0.020243
rs3733242	SHROOM3	A/G	04q	A	0.357142857	0.46875	0.020391
rs966365	EDARADD	C/T	01q	C	0.133928571	0.214285714	0.020476
rs10851704	VPS13C	C/T	15q	T	0.424107143	0.463963964	0.020719
rs2074469	OR10C1	A/G	06p	G	0.165178571	0.254464286	0.020745
rs10076911	FLJ13231	A/C	05p	C	0.160714286	0.089285714	0.020984
rs648614	TNNI3K	C/T	01p	C	0.477678571	0.418918919	0.021553
rs2609881	ZNF228	A/C	19q	C	0.085585586	0.160714286	0.021965
rs10078391	DNAH5	C/T	05p	C	0.160714286	0.245535714	0.022032
rs365990	MYH6	A/G	14q	G	0.330357143	0.436363636	0.022069
rs6428538		A/G	01p	A	0.071428571	0.138392857	0.022254
rs2799123		C/G	09p	G	0.400900901	0.292792793	0.022384
rs2799125		C/T	09p	T	0.401785714	0.294642857	0.022399
rs10146482	NEK9	C/T	14q	T	0.472972973	0.414414414	0.023071
rs2836662	C21orf24	A/T	21q	A	0.279279279	0.376146789	0.023109
rs2276976	NHEDC2	A/C	04q	C	0.133928571	0.071428571	0.023197

rs11230864		C/T	11q	T	0.454954955	0.34375	0.023216
rs2293172	GIMAP4	A/C	07q	A	0.116071429	0.189189189	0.02336
rs10017772	DCHS2	C/T	04q	C	0.459821429	0.433035714	0.023585
rs7032785	JAK2	C/T	09p	C	0.4375	0.454954955	0.023589
rs9616310		C/G	22q	G	0.330357143	0.433035714	0.023786
rs11024970	MRGPRX2	G/T	11p	G	0.080357143	0.03125	0.02381
rs1110627	DLL3	A/G	19q	A	0.446428571	0.446428571	0.0247
rs376618	FGFR4	A/G	05q	G	0.308411215	0.213636364	0.024724
rs2231926	FLJ10213, PPP4R2	A/G	03p	A	0.495454546	0.391891892	0.024789
rs3823603	IQCE	C/G	07p	C	0.222727273	0.325892857	0.024807
rs2486668	GRHL3	C/G	01p	C	0.198198198	0.117117117	0.024937
rs10408247	CEACAM20	A/G	19q	A	0.142857143	0.075892857	0.025046
rs3741845	TAS2R9	C/T	12p	T	0.444444444	0.341584158	0.02512
rs2748404	FLJ43860	G/T	08q	G	0.261261261	0.352678571	0.025268
rs7157977		C/T	14q	T	0.352678571	0.450450451	0.025358
rs10120210	ECM2, CENPP	G/T	09q	T	0.481818182	0.372727273	0.025503
rs11568658	ABCC4	G/T	13q	T	0.053571429	0.013392857	0.025575
rs11698045		C/T	20q	T	0.379464286	0.482142857	0.02565
rs2231924	FLJ10213, PPP4R2	C/T	03p	T	0.486607143	0.401785714	0.025691
rs12458258		A/C	18p	A	0.409090909	0.303571429	0.025881
rs4854028		G/T	02q	T	0.395454546	0.5	0.025898
rs6591324	OR5R1	A/G	11q	A	0.247706422	0.346153846	0.025904
rs3177751	ETFB	C/T	19q	C	0.5	0.392857143	0.026002
rs7982868		A/G	13q	G	0.063063063	0.017857143	0.026365
rs2073347	NIN	C/T	14q	C	0.258928571	0.169642857	0.026626
rs351260	KIAA0141	C/T	05q	T	0.333333333	0.433962264	0.026774
rs7318090		A/G	13q	A	0.446428571	0.446428571	0.026976
rs10794531	ZNF683	C/T	01p	C	0.31981982	0.227678571	0.027157
rs2360543	ZNF530	A/T	19q	A	0.261261261	0.174107143	0.02743
rs10045717		C/T	05q	C	0.446428571	0.450892857	0.027436
rs1063193	PRR4	C/T	12p	C	0.495535714	0.392857143	0.027565
rs6032259		A/G	20q	A	0.375	0.488888889	0.027603
rs2848622		A/C	11q	A	0.463963964	0.353211009	0.027617
rs11719086	PARP14	A/G	03q	A	0.258928571	0.171171171	0.02774
rs4710457	RP11-307F22.3	C/T	06q	T	0.446428571	0.346846847	0.02815
rs330880	EMR1	C/G	19p	G	0.27027027	0.370535714	0.028329
rs2288523	PTPRH	G/T	19q	T	0.111607143	0.18018018	0.028374

rs1885987	SMG6	A/C	17p	C	0.370535714	0.477477478	0.028375
rs3894194	GSDM1	C/T	17q	C	0.40625	0.491071429	0.028616
rs1366842	ZNF804A	G/T	02q	G	0.482142857	0.383928571	0.028702
rs2289519	SERPINB5	C/T	18q	T	0.256756757	0.354545455	0.02925
rs3750228	PRDM14	C/T	08q	C	0.183035714	0.111607143	0.029283
rs1060584	FLJ10213, PPP4R2	C/T	03p	C	0.486486487	0.402777778	0.029436
rs12103986	ALPK2	A/C	18q	C	0.419642857	0.477678571	0.029617
rs6493068	TTBK2	A/G	15q	G	0.357142857	0.261261261	0.029657
rs3758490	ZNF365	G/T	10q	G	0.387387387	0.490990991	0.029736
rs2504011	C10orf68	A/G	10p	G	0.490990991	0.388392857	0.03011
rs7770557	ZNRD1, C6orf12	C/G	06p	G	0.120535714	0.063063063	0.030118
rs1738254	DNAH8	C/T	06p	T	0.071428571	0.026785714	0.030157
rs2918519		C/T	03p	T	0.12962963	0.196428571	0.030349
rs3824250	C8orf32	C/T	08q	T	0.308035714	0.410714286	0.030812
rs7014678	C8orf32	A/G	08q	G	0.308035714	0.410714286	0.030812
rs6470147	C8orf32	A/T	08q	A	0.308035714	0.410714286	0.030812
rs11024532	MRGPRX4	C/T	11p	T	0.321428571	0.234234234	0.030845
rs835954		C/G	10p	G	0.46875	0.433035714	0.031017
rs6999234	C8orf32	A/G	08q	G	0.301801802	0.404545455	0.031158
rs2021248		C/T	11p	T	0.424107143	0.473214286	0.031253
rs3743503	CENPN	A/C	16q	C	0.165178571	0.094594595	0.031263
rs1463670		A/C	12q	C	0.080357143	0.147321429	0.0313
rs2822432	LIPI	C/T	21q	T	0.314814815	0.412037037	0.031818
rs12350212	ZNF169	C/G	09q	C	0.138888889	0.076923077	0.031864
rs2070832	ZNF23	C/T	16q	T	0.235576923	0.331775701	0.031886
rs2069561	TG	A/G	08q	G	0.46875	0.427927928	0.031959
rs1217401	AP4B1	A/G	01p	G	0.299107143	0.397321429	0.032082
rs3807598		C/G	07p	G	0.495535714	0.40625	0.032102
rs10228331		A/C	07q	A	0.32	0.420560748	0.032639
rs753856	HSPA6	C/G	01q	C	0.157657658	0.098214286	0.032646
rs3809972	ALPK2	C/G	18q	C	0.427927928	0.46728972	0.032684
rs1044498	ENPP1	A/C	06q	C	0.151785714	0.09009009	0.03281
rs2042996	TTN	C/T	02q	T	0.22815534	0.144329897	0.032955
rs4364923		C/T	01p	C	0.468468468	0.366071429	0.033205
rs9287520		C/T	02q	T	0.151785714	0.229357798	0.033339
rs12101356	FLJ39743	A/G	15q	A	0.09375	0.044642857	0.033647
rs1889323	SVEP1	A/C	09q	C	0.21875	0.13963964	0.033691

rs1569767	SLC24A3	A/G	20p	G	0.427927928	0.471428571	0.033758
rs10817021	SVEP1	A/T	09q	T	0.21875	0.13963964	0.033863
rs3762002	FUCA2	C/T	06q	C	0.200892857	0.286363636	0.034373
rs1058396	SLC14A1	A/G	18q	G	0.454545454	0.449541284	0.034478
rs11638390	USP8	A/G	15q	G	0.148648649	0.227678571	0.034633
rs3088232	BRDT	C/G	01p	C	0.1875	0.272321429	0.034704
rs3862618	ROBO3	C/T	11q	T	0.084821429	0.147321429	0.034786
rs9311651	DNAH7L	A/G	03p	G	0.104545455	0.169642857	0.034883
rs2074078	ZNF154	A/C	19q	A	0.084821429	0.147321429	0.035114
rs10583	TM9SF1	A/G	14q	A	0.171171171	0.102678571	0.035148
rs7575	MRPL40	A/G	22q	A	0.098214286	0.162162162	0.035171
rs220159	UMODL1	C/T	21q	T	0.428571429	0.330357143	0.035283
rs670741	KRT74	A/C	12q	A	0.282407407	0.2	0.03538
rs2275477	C1orf102	C/T	01p	T	0.252252252	0.171171171	0.03557
rs2241384	LILRA4	C/T	19q	T	0.138392857	0.214285714	0.035645
rs4076700	FBXW8	C/T	12q	C	0.111607143	0.175675676	0.035662
rs560191	TP53BP1	C/G	15q	C	0.372727273	0.279279279	0.035783
rs3809973	ALPK2	A/C	18q	C	0.417431193	0.481981982	0.035816
rs4653328	EPHA10	A/T	01p	T	0.279279279	0.196428571	0.035897
rs1051221	KIAA0143	A/G	08q	G	0.466981132	0.435	0.036232
rs1498467	OR51M1	G/T	11p	T	0.121621622	0.196428571	0.036302
rs7940667	PVRL1	A/C	11q	A	0.111607143	0.058035714	0.036353
rs7167256	LOC650137	C/T	15q	C	0.245535714	0.3125	0.036426
rs7695741		C/T	04q	C	0.098214286	0.169642857	0.036585
rs11629584		C/T	15q	T	0.403061224	0.489010989	0.036588
rs404655		C/T	06p	T	0.075757576	0.015151515	0.036616
rs931606	FRAS1	A/G	04q	G	0.444444444	0.442857143	0.036661
rs161557	HMHB1	C/T	05q	T	0.141509434	0.222727273	0.036832
rs398607	GALC	A/G	14q	A	0.450450451	0.446428571	0.036867
rs2839698		C/T	11p	C	0.464285714	0.433035714	0.037329
rs714774	NCAPD2	C/G	12p	G	0.357142857	0.263392857	0.037484
rs2217332	HERPUD1	C/T	16q	T	0.202702703	0.131818182	0.037487
rs3762001	FUCA2	A/G	06q	A	0.200892857	0.283783784	0.037543
rs1043149	EXOC7, LGICZ1	A/G	17q	A	0.107142857	0.172727273	0.037714
rs1336900	HORMAD1	A/G	01q	A	0.357142857	0.455357143	0.03772
rs3747539	FRMPD1	A/C	09p	C	0.209821429	0.136363636	0.037739
rs2613637	FLJ43860	C/T	08q	T	0.267857143	0.352678571	0.037796

rs709682	KIAA0090	A/G	01p	A	0.089108911	0.028846154	0.037827
rs2293275	LHCGR, GTF2A1L	A/G	02p	A	0.482142857	0.383928571	0.037893
rs2302234	FAM20A	G/T	17q	T	0.346846847	0.254464286	0.038103
rs7102536	OR2AG2	C/T	11p	T	0.191588785	0.118556701	0.038235
rs1885434	NRAP	A/G	10q	A	0.288288288	0.375	0.038302
rs1376251	TAS2R50	C/T	12p	T	0.293577982	0.387387387	0.038352
rs1959379	C14orf155	A/G	14q	A	0.121621622	0.0625	0.038621
rs940389	STON1, SALF	C/G	02p	C	0.405405405	0.316964286	0.038742
rs2294015	ANXA13	A/G	08q	G	0.364864865	0.454954955	0.0388
rs1999627		A/G	10q	A	0.117117117	0.058035714	0.038821
rs2303744	PLA2G4C	A/G	19q	G	0.190909091	0.274774775	0.039038
rs7304761		C/G	12p	C	0.09009009	0.040178571	0.039149
rs814873	LOC646425	C/T	01p	T	0.0625	0.116071429	0.039176
rs1170672	KCNMB3	C/T	03q	C	0.116071429	0.0625	0.039194
rs2070845	IFIT2	A/G	10q	G	0.290178571	0.205357143	0.039216
rs6485702	LRP4	C/T	11p	T	0.401785714	0.308035714	0.039419
rs1673087	LOC728485	A/G	19q	A	0.232142857	0.321428571	0.039645
rs859541		A/G	08q	A	0.34375	0.4375	0.039696
rs1011454		C/T	05q	C	0.285714286	0.379464286	0.039706
rs4647297	CASP2	C/G	07q	C	0.080357143	0.035714286	0.039717
rs7686575		C/T	04p	T	0.058035714	0.111607143	0.039744
rs10494755	C1orf218	C/T	01q	T	0.082568807	0.153153153	0.039777
rs10200024	LOC651758, LOC728768	A/G	02q	A	0.428571429	0.334821429	0.039819
rs4940404	ALPK2	A/T	18q	T	0.422018349	0.481481482	0.039875
rs9370418	GFRAL	C/T	06p	T	0.247747748	0.336363636	0.03993
rs1248696	DLG5	C/T	10q	T	0.071428571	0.129464286	0.040001
rs10414255	OR7G3	C/T	19p	C	0.37037037	0.279816514	0.040013
rs6025606	CTCFL	C/T	20q	T	0.352678571	0.446428571	0.040152
rs7133698	OR6C68	A/G	12q	G	0.4375	0.339285714	0.040264
rs4420132		G/T	01p	T	0.464285714	0.363636364	0.040397
rs1052161	ALMS1	C/T	02p	C	0.428571429	0.339285714	0.040534
rs4948970		G/T	10q	T	0.294642857	0.209821429	0.040707
rs2814092	RCADH5, LOC647346	C/G	06q	C	0.405405405	0.315315315	0.040795
rs4395187		C/T	19p	T	0.370535714	0.28125	0.040927
rs1636655		A/G	07q	A	0.328828829	0.415178571	0.041144
rs309370	BBS12	A/G	04q	A	0.375	0.285714286	0.041304
rs227249		G/T	06q	T	0.490909091	0.40625	0.041341



rs12189266	ODZ2	C/T	05q	T	0.369369369	0.459821429	0.041406
rs3750826		C/T	10q	T	0.405405405	0.5	0.041412
rs4280359	ZNF228	C/G	19q	C	0.460674157	0.461538461	0.041648
rs185435	FCHO2	A/G	05q	G	0.125	0.196428571	0.041707
rs4381244		C/T	01p	C	0.464285714	0.366071429	0.041875
rs1359590	FRMPD1	A/G	09p	A	0.241071429	0.162162162	0.041953
rs2290861	RSAD1	A/G	17q	A	0.410714286	0.321428571	0.041972
rs2306283	SLCO1B1	C/T	12p	C	0.334821429	0.433035714	0.042038
rs2275140	LAMC3	A/G	09q	A	0.202702703	0.129464286	0.042046
rs3797004		A/G	04q	A	0.473214286	0.379464286	0.042223
rs10425835	CD177	A/C	19q	A	0.35046729	0.452830189	0.04223
rs1060463	CYP4F11	A/G	19p	G	0.45945946	0.357142857	0.042338
rs2430307	PMS2L2	C/T	07q	T	0.160714286	0.232142857	0.042444
rs10121645		A/G	09q	A	0.08490566	0.144230769	0.042539
rs2306590	MYOHD1	A/G	17q	G	0.401785714	0.490990991	0.042747
rs2015877		G/T	18q	T	0.294642857	0.214285714	0.042983
rs2336081	KIAA1530	C/T	04p	C	0.34375	0.433035714	0.043056
rs7689418	PPID	G/T	04q	T	0.35046729	0.26146789	0.043616
rs498336	tcag7.893	A/C	07p	A	0.379464286	0.316964286	0.043897
rs8112811	TULP2	C/T	19q	T	0.112612613	0.183035714	0.044076
rs758738		A/G	12p	A	0.147321429	0.223214286	0.044204
rs7956679	ANP32D	A/C	12q	C	0.054054054	0.102803738	0.044235
rs688534		A/T	19p	A	0.5	0.404545454	0.044325
rs1498468	OR51M1	C/T	11p	C	0.126126126	0.2	0.044438
rs3747243	FLJ27365	C/T	22q	T	0.254464286	0.34375	0.044758
rs2232816	KIAA0859	A/G	01q	G	0.3125	0.223214286	0.044928
rs4271251		G/T	01p	T	0.160714286	0.236607143	0.044946
rs649224	ME2	C/T	18q	T	0.054054054	0.102678571	0.045126
rs2304075	LOC153328	C/T	05q	T	0.191964286	0.125	0.045864
rs744426	TTN	C/T	02q	T	0.147321429	0.084821429	0.045924
rs4955417		C/T	03p	T	0.285	0.199029126	0.045973
rs3809482	TUBGCP4, ZSCAN29	A/G	15q	G	0.375	0.285714286	0.046051
rs4964460	TCP11L2	A/G	12q	G	0.263392857	0.1875	0.046518
rs4234711		C/T	04p	T	0.446428571	0.45945946	0.046652
rs269868	DUOX2	C/T	15q	C	0.125	0.066964286	0.04671
rs2274068	GARNL1	A/G	14q	G	0.151785714	0.225225225	0.04677
rs34813	GIN1	A/G	05q	A	0.28125	0.370535714	0.046872

rs10917403		A/C	01p	C	0.306306306	0.223214286	0.047044
rs12753	ZNF230	A/C	19q	A	0.207207207	0.133928571	0.0473
rs564117	TMEM162	C/T	19q	T	0.276785714	0.196428571	0.047389
rs10797774	C1orf120	A/G	01q	A	0.169642857	0.245454545	0.047533
rs6478957		A/G	09q	G	0.486486486	0.419642857	0.047669
rs11976480	AOAH	C/T	07p	T	0.354545455	0.263636364	0.047781
rs1045910	CCDC104	A/G	02p	A	0.107142857	0.053571429	0.047789
rs3746429	EDEM2	A/G	20q	A	0.130630631	0.201834862	0.048172
rs7312017		C/G	12q	G	0.392857143	0.482142857	0.048241
rs7534444	SEC22B	G/T	01q	T	0.080357143	0.136363636	0.048361
rs2797501	C10orf18	A/G	10p	G	0.130630631	0.200892857	0.04846
rs6965883	ZNF680	A/G	07q	G	0.214285714	0.297297297	0.048462
rs774027	TIMELESS	A/T	12q	A	0.495535714	0.402777778	0.048929
rs10414398	CEACAM20	A/G	19q	A	0.133928571	0.075892857	0.049006
rs2073601	SIM2	A/C	21q	A	0.299107143	0.391891892	0.049437
rs3750478	IFNA21	C/T	09p	C	0.06122449	0.020618557	0.049539
rs1800354	SGCG	A/G	13q	A	0.085714286	0.147058823	0.04956
rs886423		C/G	06p	G	0.107142857	0.169642857	0.049715
rs6910541	ZNF292	A/G	06q	A	0.075892857	0.129464286	0.049977
rs1866389	THBS4	C/G	05q	G	0.200892857	0.28125	0.050018
rs4148301	UGT2A1	A/G	04q	A	0.174107143	0.107142857	0.05008
rs3798748		A/G	06p	A	0.340909091	0.433035714	0.050095
rs10845280	TAS2R49	A/G	12p	G	0.3125	0.401785714	0.050141
rs1035543	PKD1L3	C/G	16q	G	0.258928571	0.342342342	0.050691
rs4460173		A/G	05p	G	0.121621622	0.184684685	0.051286
rs1836672	PDE11A	C/T	02q	C	0.254464286	0.339285714	0.051461
rs3740423	MKI67	A/T	10q	A	0.165178571	0.245535714	0.051487
rs3822471	NIPBL	A/G	05p	G	0.174107143	0.110091743	0.051563
rs1043836	HDHD3	C/T	09q	C	0.28125	0.361607143	0.051758
rs10511670	FAM29A	C/G	09p	C	0.112612613	0.0625	0.051856
rs7299135	LOC728114	C/T	12q	T	0.410714286	0.324324324	0.051874
rs12657663	CAMLG	A/G	05q	A	0.127272727	0.071428571	0.051922
rs1154510	HPD	A/G	12q	A	0.121621622	0.067567568	0.051936
rs4871827	DEPDC6	A/G	08q	A	0.290178571	0.373873874	0.052122
rs2602141	TP53BP1	G/T	15q	G	0.375	0.288288288	0.052232
rs2277998	CLEC4M	A/G	19p	A	0.316964286	0.238738739	0.052361
rs4747647	TAF3	A/G	10p	A	0.486607143	0.397321429	0.052492

rs3737515	SPTA1	C/G	01q	C	0.240384615	0.328703704	0.052616
rs3205537	PDZRN3	C/T	03p	T	0.365384615	0.274725275	0.053432
rs470101	TTC28	C/T	22q	C	0.066964286	0.120535714	0.053448
rs4880433	C10orf92	C/T	10q	T	0.423423423	0.331818182	0.053481
rs2178403	EIF4G1	C/T	03q	T	0.202702703	0.272321429	0.053497
rs1962893		A/G	03p	G	0.133928571	0.196428571	0.053601
rs1052420	ANKRD16	A/G	10p	A	0.165178571	0.099099099	0.053676
rs7481951	TMEM16E	A/T	11p	A	0.361607143	0.455357143	0.053678
rs1411272	OR1N2	C/T	09q	T	0.410714286	0.495535714	0.053702
rs1047642	C4orf27	A/G	04q	G	0.236607143	0.162162162	0.053773
rs747391		A/G	04p	G	0.080357143	0.133928571	0.053992
rs3749894	TSPYL1	C/T	06q	T	0.084821429	0.142857143	0.054199
rs2183302		A/G	01p	G	0.168181818	0.103773585	0.054447
rs4237826		C/T	12q	T	0.168181818	0.103603604	0.054574
rs1968956	ELTD1	G/T	01p	T	0.072072072	0.031818182	0.054574
rs2232108	URG4	A/C	07p	A	0.495454546	0.410714286	0.054669
rs10485172	C6orf146	A/G	06p	G	0.106060606	0.173076923	0.054772
rs10920362	LGR6	C/T	01q	C	0.417431193	0.495412844	0.054808
rs1277207	CLCC1, C1orf62	C/T	01p	C	0.224770642	0.153153153	0.054941
rs156265	ACAA1	C/G	03p	G	0.116071429	0.18018018	0.055113
rs3732383	XIRP1	C/T	03p	T	0.196428571	0.267857143	0.055202
rs1995157	OR52H1	G/T	11p	G	0.357798165	0.440909091	0.055264
rs9287519		A/G	02q	A	0.151785714	0.223214286	0.055501
rs1894706	HPS4	A/G	22q	G	0.066964286	0.120535714	0.055938
rs7157021	SLC7A8	A/G	14q	G	0.446601942	0.454081633	0.055954
rs576619	FLJ20035	A/G	04q	G	0.053571429	0.102678571	0.056264
rs1800973	LYZ	A/C	12q	A	0.053571429	0.102678571	0.056322
rs1042780	ME3	C/G	11q	C	0.397321429	0.315315315	0.056335
rs2288033	LOC729251	A/G	16q	A	0.359223301	0.439814815	0.056546
rs754615	CAST	C/G	05q	C	0.409090909	0.3125	0.056637
rs1058793	ATP10D	A/G	04p	A	0.151785714	0.21875	0.056776
rs7944575		A/G	11q	A	0.184684685	0.265765766	0.056843
rs4367963	OR5I1	A/G	11q	G	0.0625	0.113636364	0.05686
rs2043211	CARD8	A/T	19q	T	0.308035714	0.232142857	0.056885
rs2218598	OR9Q1	A/C	11q	C	0.339285714	0.259090909	0.05693
rs432839	ZNF66	G/T	19p	T	0.13963964	0.081081081	0.056959
rs741326	CD207	C/T	02p	C	0.446428571	0.357142857	0.057091

rs11239984		A/G	01q	A	0.363636364	0.279279279	0.057318
rs2918517		A/C	03p	A	0.290178571	0.227678571	0.05732
rs11880363		G/T	19q	T	0.254464286	0.339285714	0.057578
rs10507047	FGD6	C/T	12q	C	0.081081081	0.135135135	0.05764
rs10772420	TAS2R48	A/G	12p	A	0.435185185	0.476635514	0.057699
rs9925027		A/G	16q	A	0.335106383	0.430107527	0.057804
rs3730150		A/C	02q	A	0.169642857	0.240740741	0.058173
rs2017116	ALMS1	C/G	02p	G	0.171171171	0.108108108	0.058503
rs3733182	STK32B	C/T	04p	C	0.084821429	0.138392857	0.058567
rs3814799	LOC650794	C/G	13q	C	0.157657658	0.21875	0.058901
rs3777084	CCDC99	C/T	05q	T	0.283783784	0.366071429	0.058971
rs3180227	SERPINB3	C/G	18q	C	0.138392857	0.205357143	0.059
rs11155242	GPR126	A/C	06q	C	0.236607143	0.165178571	0.059183
rs1160185	SAR1P3	A/G	04q	G	0.254545455	0.330357143	0.059353
rs3027961	SLC1A5	C/G	19q	C	0.186363636	0.263392857	0.059357
rs2108622	CYP4F2	C/T	19p	T	0.334821429	0.252252252	0.059401
rs3809429	C14orf155	A/C	14q	A	0.14953271	0.090909091	0.059822
rs7255896	RNF126	A/C	19p	C	0.195454546	0.272321429	0.05985
rs1801197	CALCR	C/T	07q	C	0.21875	0.299107143	0.060183
rs3213422	DHODH	A/C	16q	A	0.477272727	0.432432432	0.06041
rs1528	SERGEF	C/T	11p	C	0.085585586	0.145454545	0.060435
rs10883563	C10orf6	A/C	10q	C	0.445945946	0.357142857	0.060777
rs7256321	ZNF443	G/T	19p	T	0.190476191	0.266990291	0.060903
rs2074464	OR10C1	C/T	06p	T	0.464285714	0.383928571	0.060906
rs1200345	RPAP1	C/T	15q	C	0.401785714	0.491071429	0.061205
rs7133914	LRRK2	A/G	12q	A	0.084821429	0.040178571	0.061421
rs573556		G/T	17q	T	0.116161616	0.186170213	0.061751
rs20559	LAMC1	A/G	01q	A	0.071428571	0.031531531	0.061752
rs3809982	ALPK2	C/T	18q	T	0.459821429	0.450892857	0.062149
rs4735133	PKHD1L1	A/G	08q	G	0.462765957	0.441176471	0.062261
rs6884959		A/G	05q	G	0.459821429	0.377272727	0.062406
rs3177979	OAS1	A/G	12q	G	0.397321429	0.3125	0.06244
rs231677	OR3A4	A/G	17p	A	0.054054054	0.099099099	0.062818
rs4818425		C/T	21q	T	0.440909091	0.473214286	0.063084
rs1051042	OAS1	C/G	12q	G	0.396396396	0.310810811	0.063208
rs3778005	IMPG1	A/G	06q	A	0.232142857	0.307339449	0.063451
rs989902	PTPN13	A/C	04q	C	0.446428571	0.364864865	0.063518

rs3809983	ALPK2	G/T	18q	T	0.459459459	0.450892857	0.063583
rs3797713	CCDC99	C/T	05q	T	0.285714286	0.366071429	0.063599
rs897507		C/T	02p	T	0.464285714	0.450892857	0.063891
rs10788116		C/T	10q	T	0.299107143	0.378378378	0.063969
rs412978	LOC341346	A/G	12p	A	0.058035714	0.108108108	0.064251
rs10330845		A/G	07p	A	0.063063063	0.113636364	0.064407
rs1046668	TNFAIP6	A/G	02q	G	0.133928571	0.196428571	0.064485
rs3742801	ABCD4	A/G	14q	A	0.348214286	0.433035714	0.064516
rs4801296	hCG_2042202	C/T	19q	T	0.436363636	0.351351351	0.06503
rs885117		A/G	11p	G	0.178571429	0.25	0.065263
rs9788014		C/T	12q	T	0.077272727	0.131818182	0.065552
rs7570797	PROKR1	A/G	02p	G	0.0625	0.027027027	0.065951
rs3213837	ERBB2IP	A/G	05q	A	0.125	0.189189189	0.066229
rs285584	PDZRN4	A/G	12q	A	0.191964286	0.125	0.066667
rs2273367	KIAA1799	C/T	01p	T	0.129032258	0.201149425	0.066994
rs9974272		A/G	21q	G	0.169642857	0.241071429	0.06702
rs10791961	OR8U8	C/G	11q	G	0.337837838	0.433035714	0.067331
rs10225416		G/T	07q	T	0.334821429	0.415178571	0.067501
rs1646119	LOC728804	C/T	16p	C	0.482142857	0.433035714	0.067655
rs228104	SLC37A1	C/T	21q	C	0.074074074	0.133928571	0.068046
rs11702604		C/T	21q	T	0.165178571	0.236607143	0.06841
rs7916821	MYPN	A/G	10q	G	0.46875	0.446428571	0.068439
rs4981844		G/T	14q	T	0.477272727	0.432432432	0.068655
rs2276415	AQP11	A/G	11q	A	0.058558559	0.104545454	0.068954
rs138646	TTC28	A/C	22q	A	0.066964286	0.117117117	0.069139
rs12434822		G/T	14q	G	0.400943396	0.495495495	0.06935
rs3752109	MZF1	A/G	19q	A	0.3125	0.234234234	0.069389
rs2186564	C11orf67	C/T	11q	T	0.054054054	0.098214286	0.069497
rs7915	PPP1R14D, ZFYVE19	A/C	15q	C	0.366071429	0.446428571	0.069672
rs2741098	XKR5	C/T	08p	T	0.486486487	0.401785714	0.069691
rs1050081		C/G	11q	G	0.21875	0.151785714	0.07001
rs3808869	ARID3C	G/T	09p	T	0.468468468	0.446428571	0.070093
rs4695533		A/T	04p	A	0.213636364	0.28440367	0.070184
rs3180370	ESF1	C/T	20p	T	0.294642857	0.378378378	0.070194
rs6734610	PAX8	A/G	02q	A	0.441964286	0.472972973	0.07035
rs11858624	PYGO1	G/T	15q	T	0.09375	0.049107143	0.070761
rs10788726		A/T	01q	T	0.164948454	0.236842105	0.070995

rs2775779		C/T	21q	T	0.334821429	0.415178571	0.071259
rs7308811	A2ML1	A/G	12p	A	0.200892857	0.135135135	0.0714
rs1894704	HPS4	A/C	22q	C	0.066964286	0.117117117	0.071659
rs937838	TGM4	C/G	03p	C	0.117117117	0.066964286	0.072386
rs2288569	TTN	A/G	02q	A	0.148648649	0.090909091	0.072408
rs4940595	SERPINB11	G/T	18q	G	0.25	0.330275229	0.072457
rs939875	KIAA0984	A/G	12q	A	0.066964286	0.027027027	0.072723
rs11556045	HEXB	A/G	05q	G	0.198198198	0.133928571	0.072816
rs7586970	TFPI	C/T	02q	C	0.397321429	0.31981982	0.072971
rs7694744		G/T	04q	T	0.379464286	0.301801802	0.07306
rs10941412	OSMR	A/G	05p	A	0.205357143	0.142857143	0.073085
rs3847531	FAT3	A/G	11q	A	0.09375	0.151785714	0.073089
rs7626076		A/G	03p	G	0.272321429	0.200892857	0.073108
rs1147504	PTPRZ1	A/G	07q	G	0.47706422	0.436363636	0.073113
rs10739614	OR1L8	C/G	09q	C	0.361607143	0.445454545	0.073292
rs3617	ITIH3	G/T	03p	T	0.495495495	0.418918919	0.073433
rs30461	IL29	C/T	19q	C	0.102678571	0.160714286	0.073651
rs202488		A/G	20p	A	0.292792793	0.21875	0.074036
rs6119	SERPINA5	A/G	14q	G	0.074766355	0.128440367	0.07427
rs1048135	NMI	C/T	02q	T	0.383928571	0.468181818	0.07435
rs3814165	C10orf38	C/T	10p	T	0.214285714	0.148648649	0.074526
rs9323183	CDKL1	C/G	14q	C	0.053571429	0.102678571	0.074694
rs1622208	MAST2	C/T	01p	T	0.316964286	0.241071429	0.074762
rs11647	LOC339804	C/G	02p	C	0.174107143	0.113636364	0.074798
rs2478568	SLC39A12	A/G	10p	G	0.424107143	0.34375	0.075029
rs6688832	H6PD	A/G	01p	A	0.200892857	0.276785714	0.075309
rs3803230	COL4A2	C/G	13q	G	0.084821429	0.13963964	0.075397
rs3745833	GALP	C/G	19q	C	0.334821429	0.40990991	0.075494
rs1001238	TTN	A/G	02q	G	0.241071429	0.174107143	0.075508
rs838543	USP40	C/T	02q	C	0.263392857	0.190909091	0.075535
rs3779620	PBK	A/G	08p	G	0.138392857	0.085585586	0.075569
rs1366257	ZNF534	A/G	19q	G	0.067567568	0.03125	0.075604
rs921135	OR6Q1, OR9Q1	A/G	11q	G	0.342342342	0.268181818	0.075661
rs322117	FLJ35880	A/G	03q	G	0.169642857	0.236607143	0.075752
rs1673607	CEP70	A/G	03q	G	0.369369369	0.446428571	0.07585
rs2133173	TCTEX1D1	G/T	01p	T	0.245535714	0.321100917	0.075887
rs5988	F13A1	C/G	06p	C	0.241071429	0.169642857	0.076029

rs1061305	NEB	A/G	02q	G	0.355140187	0.439814815	0.076115
rs1807757		C/T	12q	T	0.35	0.429906542	0.07648
rs6667720	C1orf167	C/T	01p	C	0.263392857	0.34375	0.076531
rs4013197		A/G	09p	A	0.254464286	0.1875	0.076685
rs4808739		C/T	19p	C	0.214285714	0.288288288	0.07684
rs2074877	MYH13	C/T	17p	T	0.351351351	0.433035714	0.077076
rs11177059		C/T	12q	T	0.355855856	0.4375	0.077161
rs11780509		C/T	08q	C	0.254464286	0.183035714	0.077239
rs1416840	C1orf102	A/G	01p	G	0.071428571	0.122727273	0.077348
rs7131975		C/T	12q	T	0.482142857	0.405405405	0.077506
rs10783071	BRDT	A/C	01p	C	0.08411215	0.040540541	0.077683
rs3732379	CX3CR1	C/T	03p	T	0.220720721	0.294642857	0.077754
rs4732748	ESCO2	C/T	08p	T	0.138392857	0.085585586	0.077938
rs9562362	RP11-125A7.3	C/T	13q	T	0.339285714	0.263392857	0.077954
rs3745945	SIPA1L3	C/G	19q	G	0.080357143	0.136363636	0.078001
rs362124	SUHW1	C/G	22q	C	0.325892857	0.25	0.078007
rs6427437		A/T	01q	A	0.370535714	0.450892857	0.078033
rs12450550	EME1	C/T	17q	C	0.3125	0.236607143	0.078051
rs17567	EPS15	C/T	01p	C	0.183035714	0.25	0.078109
rs466876	EMR1	A/G	19p	A	0.196428571	0.267857143	0.078302
rs12251325		A/G	10q	G	0.25	0.183035714	0.078505
rs1463669		A/G	12q	G	0.084821429	0.138392857	0.078984
rs4785963	DNAJA3	A/T	16p	A	0.308035714	0.22972973	0.079374
rs7216445	DDX52	C/T	17q	T	0.142857143	0.205357143	0.079425
rs4871857	TNFRSF10A	C/G	08p	C	0.427927928	0.486486486	0.079883
rs2275592	ATP5S	C/T	14q	C	0.352678571	0.433035714	0.07999
rs373610	OBSCN	A/G	01q	A	0.279279279	0.357142857	0.080221
rs1953558		C/T	14q	C	0.477678571	0.4375	0.080484
rs1020694	SERPINB13	C/T	18q	C	0.200892857	0.267857143	0.08095
rs7295489		C/G	12q	C	0.080357143	0.040178571	0.080977
rs7073610	CWF19L1	A/G	10q	A	0.0625	0.026785714	0.081007
rs857824	OR6N1	C/T	01q	C	0.257009346	0.339805825	0.081312
rs1506419	SERPINB11	A/T	18q	A	0.241071429	0.316964286	0.081493
rs2306773		A/T	03q	A	0.473214286	0.388392857	0.081517
rs7588093		A/C	02q	A	0.267857143	0.346846847	0.08155
rs926487	ZNF337	A/G	20p	A	0.075892857	0.036363636	0.081643
rs3749195	TGM4	A/G	03p	G	0.428571429	0.491071429	0.081814

rs3813803	SMPDL3B	A/G	01p	G	0.330275229	0.256756757	0.081831
rs5752330	HPS4	C/T	22q	C	0.108108108	0.165178571	0.081881
rs2601530	LOC646096	A/T	15q	A	0.148648649	0.098214286	0.082468
rs436696	FLJ37543	A/G	05q	A	0.400900901	0.31981982	0.082618
rs3809976	ALPK2	G/T	18q	T	0.196428571	0.263392857	0.082623
rs11084227		A/G	19q	G	0.424107143	0.34375	0.082788
rs997983	MKI67	A/C	10q	C	0.111111111	0.065420561	0.082881
rs7518979	FLJ32569, LOC651713	A/G	01q	G	0.193693694	0.129464286	0.082882
rs3764626	ZNF333	C/T	19p	T	0.25	0.330097087	0.082978
rs3742424	PPP2R5C	C/G	14q	C	0.076576577	0.127272727	0.083049
rs6596270	LOC153328	A/G	05q	G	0.193693694	0.267857143	0.083068
rs2469791	OR1A2	C/T	17p	T	0.272321429	0.204545455	0.083079
rs4760349		G/T	12q	G	0.297297297	0.373873874	0.0831
rs6926980	ZNF451, KIAA1586	A/G	06p	A	0.147321429	0.213636364	0.083138
rs7249230	CEACAM5	A/G	19q	A	0.21875	0.151785714	0.083201
rs3731620	C2orf44	C/T	02p	T	0.116071429	0.171171171	0.083289
rs774047	TIMELESS	C/T	12q	T	0.495495496	0.413636364	0.083475
rs4722266	STK31	A/G	07p	A	0.081081081	0.129464286	0.083884
rs220461	ITGAE, GSG2	A/G	17p	G	0.353211009	0.277272727	0.084019
rs293833		C/T	03q	T	0.214285714	0.283783784	0.084084
rs2305397	CAND2	A/G	03p	A	0.445945946	0.473214286	0.084323
rs785467	PIK3R3	A/T	01p	T	0.316964286	0.243243243	0.084397
rs1940475	MMP8	C/T	11q	T	0.433035714	0.486607143	0.084579
rs2844884		C/T	22q	T	0.106382979	0.057471264	0.084794
rs3748415	APCDD1	C/T	18p	T	0.118181818	0.068807339	0.084816
rs2395617	DEF6	A/C	06p	A	0.174757282	0.119266055	0.08493
rs157896		C/T	07q	T	0.09375	0.147321429	0.085074
rs4658146	GBP6	A/G	01p	A	0.260638298	0.352631579	0.085187
rs877346	KRTAP13-2	A/T	21q	T	0.436936937	0.477678571	0.085413
rs2275069	ITIH5	G/T	10p	T	0.482142857	0.436936937	0.085496
rs11208299	C1orf176	G/T	01p	T	0.295454546	0.37962963	0.085622
rs5716	ACSM3, EXOD1	C/G	16p	C	0.075892857	0.125	0.085668
rs4697879	LOC643446	A/G	04p	A	0.053571429	0.022321429	0.0859
rs1807300		G/T	03q	G	0.258928571	0.190909091	0.086139
rs9546785	LOC728591	C/T	13q	C	0.46875	0.450892857	0.086161
rs2291533	C3orf49	C/G	03p	G	0.223214286	0.160714286	0.086195
rs854524	PPP1R9A	A/G	07q	A	0.428571429	0.486607143	0.086274



rs6906499	NUP153	C/G	06p	C	0.205357143	0.272321429	0.086326
rs638043	KRT2	C/T	12q	T	0.151785714	0.216216216	0.086341
rs911973	MYO16	A/T	13q	T	0.050561798	0.097701149	0.08636
rs1841958	KLRC4	A/C	12p	A	0.272321429	0.348214286	0.086374
rs15396	C1orf88	A/C	01p	C	0.058035714	0.104545455	0.086638
rs2063690	TIPIN	C/G	15q	G	0.09375	0.04954955	0.086796
rs705667		A/G	09q	G	0.127272727	0.186363636	0.087047
rs1048603	USP40	C/T	02q	T	0.379464286	0.299107143	0.087309
rs2071921	SAC	C/T	01q	C	0.339285714	0.419642857	0.087337
rs7941731	OR52R1	A/G	11p	G	0.324324324	0.405405405	0.087402
rs749902	TRIM45	A/G	01p	A	0.373873874	0.297297297	0.087745
rs3130100	ZBTB22	C/T	06p	T	0.482142857	0.441964286	0.087759
rs11902811	C2orf13	A/G	02p	G	0.058558559	0.026785714	0.087985
rs4905081	KIAA1409	A/G	14q	A	0.440909091	0.482142857	0.088027
rs2053116	OR52R1	G/T	11p	G	0.321428571	0.401785714	0.088407
rs1976809	LOC645521	A/G	02p	G	0.397321429	0.321428571	0.088651
rs442800	DZIP1L	C/T	03q	T	0.316964286	0.241071429	0.088704
rs1053230	KMO, OPN3	A/G	01q	A	0.28125	0.214285714	0.088964
rs8473	MKI67	A/G	10q	A	0.477678571	0.397321429	0.089056
rs8065080	TRPV1	C/T	17p	C	0.375	0.450892857	0.089198
rs1865118		G/T	19p	T	0.155660377	0.210280374	0.089327
rs7513079	AADA3L3	G/T	01p	G	0.34375	0.267857143	0.08934
rs1506418	SERPINB11	A/G	18q	A	0.241071429	0.315315315	0.089625
rs831510	FGD2	C/G	06p	C	0.166666667	0.232142857	0.089828
rs2303579	NEDD4	C/T	15q	T	0.257425743	0.186915888	0.089928
rs12477430	ZNF804A	A/G	02q	A	0.357142857	0.28125	0.08996
rs722896	CLEC4F	A/G	02p	A	0.34375	0.27027027	0.090017
rs4757816		A/C	11p	A	0.40625	0.330357143	0.090092
rs11860295	PLEKHG4	C/T	16q	T	0.071428571	0.117117117	0.090233
rs1065206	HSPC111	A/G	05q	A	0.151785714	0.101851852	0.090409
rs2072993	PTCHD2	C/G	01p	G	0.165178571	0.111607143	0.090472
rs4072030		C/G	17q	G	0.491071429	0.432432432	0.090611
rs10845281	TAS2R49	C/T	12p	C	0.324324324	0.401785714	0.091056
rs10743597		A/G	12p	G	0.330357143	0.252252252	0.09107
rs2513726	OR6Q1, OR9Q1	A/G	11q	G	0.339285714	0.267857143	0.091329
rs10047085	SERINC2	A/G	01p	G	0.40625	0.325892857	0.091506
rs11711871	XIRP1	G/T	03p	G	0.198198198	0.258928571	0.091562

rs4392054		C/T	16p	T	0.076576577	0.125	0.091648
rs2273668	SESN1	G/T	06q	T	0.129464286	0.080357143	0.09175
rs11090046		C/T	22q	C	0.15625	0.098214286	0.091834
rs2189879		A/G	07q	G	0.294642857	0.370535714	0.091849
rs3758911	CWF19L2	A/G	11q	G	0.414414414	0.337837838	0.091907
rs12142199	CPSF3L	A/G	01p	G	0.254464286	0.183035714	0.091922
rs2289965	IGSF22	C/T	11p	C	0.414414414	0.334821429	0.092163
rs10419548	LOC649137	A/G	19q	G	0.375	0.299107143	0.092593
rs2073145	ZBP1	A/G	20q	G	0.337837838	0.265765766	0.09317
rs6511874	OR7G1	A/G	19p	G	0.205357143	0.147321429	0.093381
rs2287987	ARTS-1	C/T	05q	C	0.243119266	0.174528302	0.093473
rs11671053	ZNF675	A/G	19p	A	0.389908257	0.313636364	0.093508
rs9866806	KIAA2018	C/G	03q	C	0.267857143	0.342342342	0.093744
rs4761944		A/G	12q	G	0.433035714	0.355855856	0.093862
rs10979727	EPB41L4B	C/T	09q	T	0.375	0.450892857	0.093899
rs10963	CLSTN3, RBP5	C/T	12p	T	0.107142857	0.063063063	0.09395
rs11183014	TMEM16F	A/C	12q	A	0.053571429	0.022522522	0.094087
rs9348266	FAM120B	G/T	06q	G	0.109090909	0.165178571	0.094493
rs6511	SPAG1	C/T	08q	T	0.3125	0.392857143	0.094677
rs4667393	FLJ32955	A/C	02q	A	0.169642857	0.236607143	0.094728
rs3793771	WNT8B	C/G	10q	G	0.208333333	0.279411765	0.094728
rs2123465	RIF1	C/T	02q	C	0.388392857	0.313636364	0.094962
rs9608378	CRYBB3	C/G	22q	C	0.428571429	0.348214286	0.095083
rs2421013	BTBD16	A/G	10q	A	0.455357143	0.464285714	0.095274
rs914358	AKAP2, PALM2-AKAP2	A/G	09q	A	0.425233645	0.490740741	0.095276
rs1890908	SYNE2	A/G	14q	A	0.053571429	0.09375	0.095396
rs2278415	ZNF350	A/T	19q	A	0.151785714	0.214285714	0.095591
rs2334321	C6orf186, LOC731200	A/G	06q	A	0.094594595	0.053571429	0.0958
rs1566734	PTPRJ	G/T	11p	G	0.138392857	0.196428571	0.09631
rs8064529	TSEN54	C/T	17q	C	0.265765766	0.339285714	0.096397
rs4582772	GBP6	C/T	01p	T	0.129464286	0.081081081	0.096428
rs11934749	CORIN	C/T	04p	T	0.189189189	0.133928571	0.096467
rs2270699	HSPG2	C/T	01p	T	0.255	0.197115385	0.096682
rs14024	KRT1	A/G	12q	G	0.321428571	0.400900901	0.096815
rs2232580	LBP	C/T	20q	T	0.068807339	0.114285714	0.096843
rs3730148		A/G	02q	G	0.174107143	0.234234234	0.096848
rs4242722		C/T	10q	C	0.058035714	0.026785714	0.096973

rs9416746	BICC1	G/T	10q	G	0.303571429	0.232142857	0.096988
rs33204	WDR41	A/G	05q	A	0.395238095	0.474747475	0.097322
rs9367359	C6orf140	A/G	06p	A	0.369369369	0.294642857	0.097379
rs352099	FLJ34503	A/G	06q	A	0.209821429	0.279279279	0.097502
rs6504234	POLG2	C/T	17q	C	0.095454545	0.146788991	0.09766
rs2044276		A/G	04q	A	0.3125	0.387387387	0.097745
rs1366245	FLJ16287	A/G	19q	A	0.281818182	0.214285714	0.097801
rs2189880		C/T	07q	C	0.294642857	0.369369369	0.097807
rs3781408	CTBP2	A/G	10q	A	0.075892857	0.04054054	0.097902
rs2275660	PARP4	C/T	13q	C	0.283018868	0.222222222	0.098099
rs11809423	HIVEP3	C/T	01p	T	0.075892857	0.040178571	0.098367
rs878388	OBSCN	A/G	01q	A	0.276785714	0.348214286	0.098717
rs10735005	CACNA2D4	C/T	12p	T	0.151785714	0.099099099	0.098802
rs6497671	EARS2	C/T	16p	T	0.1875	0.129464286	0.098966
rs422640	HCG9	C/G	06p	G	0.116071429	0.171171171	0.099005
rs1503185	PTPRJ	C/T	11p	T	0.135135135	0.192660551	0.099009
rs2289043	UNC5C	C/T	04q	T	0.346846847	0.276785714	0.099152
rs210280	ZNF33B	A/G	10q	G	0.111607143	0.162162162	0.099215
rs420137	FNDC1	C/G	06q	C	0.067567568	0.109090909	0.099445
rs733998		C/T	19q	C	0.086363636	0.138392857	0.09952
rs903160	SMG6	C/T	17p	T	0.361607143	0.290178571	0.099557
rs3820564	LGALS8	A/G	01q	G	0.058558559	0.026785714	0.099677
rs1883847	DIDO1	C/T	20q	T	0.1875	0.256756757	0.099688
rs4647958	SNAI1	C/T	20q	C	0.198198198	0.138392857	0.099797
rs4235380		A/G	04p	A	0.328828829	0.256756757	0.100037
rs3743242	DMN	A/T	15q	T	0.118181818	0.075892857	0.100087
rs1834026	OR1F1	A/G	16p	G	0.463636364	0.386363636	0.100092
rs6891545		A/C	05q	A	0.254464286	0.191964286	0.10026
rs12363178	OR52N4	G/T	11p	G	0.227678571	0.169642857	0.100421
rs4151053	NELL1	A/G	11p	A	0.081081081	0.040909091	0.100551
rs184437		C/T	09q	C	0.258928571	0.191964286	0.100658
rs3800962	PRPS1L1	G/T	07p	T	0.401785714	0.477678571	0.100772
rs495335	CRISP3	A/G	06p	A	0.379464286	0.308035714	0.100874
rs10024123	SMR3A	C/T	04q	T	0.058035714	0.026785714	0.100945
rs2230399	ICAM3, RAVR1	C/G	19p	C	0.118181818	0.072727273	0.100948
rs1912403	NEDD4	C/T	15q	C	0.071428571	0.116071429	0.101088
rs3802278	SULF1	A/G	08q	A	0.225225225	0.290178571	0.101157

rs7018449	ZNF704	C/T	08q	C	0.054054054	0.09375	0.101306
rs2269380	MAPK8IP2	C/T	22q	C	0.102678571	0.151785714	0.101345
rs1060242	ADHFE1	C/T	08q	C	0.477477478	0.446428571	0.101521
rs2001616	DUOX2	A/G	15q	G	0.131818182	0.081081081	0.1016
rs3197999	MST1	C/T	03p	T	0.28125	0.357142857	0.101713
rs9247	INPP5D	C/T	02q	T	0.245535714	0.183035714	0.101978
rs3795251	ASB17	C/T	01p	T	0.40990991	0.333333333	0.102546
rs6719500	DNAH7	C/T	02q	C	0.161616162	0.106796116	0.102689
rs2693661		C/G	07p	C	0.203703704	0.144144144	0.102789
rs259370	C6orf103	C/T	06q	T	0.491071429	0.415178571	0.103088
rs10775558	ZNF818	A/G	19q	G	0.40625	0.330357143	0.103142
rs10853858	ZNF818	A/G	19q	G	0.40625	0.330357143	0.103142
rs7079481	MYPN	A/C	10q	C	0.46875	0.455357143	0.103229
rs2254419	C10orf92	A/G	10q	A	0.34375	0.272321429	0.103276
rs1341044	OR1N2	G/T	09q	T	0.279279279	0.351351351	0.10335
rs4978584	DFNB31	C/T	09q	T	0.25	0.1875	0.103546
rs10735810	VDR	A/G	12q	A	0.392857143	0.315315315	0.103681
rs1042602	TYR	A/C	11q	A	0.459459459	0.379807692	0.104443
rs4763862	GPR19	C/T	12p	C	0.085585586	0.045454545	0.104522
rs1888257		C/T	13q	C	0.482142857	0.40625	0.104822
rs2974617	TRIM36	C/T	05q	C	0.066964286	0.031531531	0.104835
rs905871	OR51D1	C/T	11p	C	0.339285714	0.267857143	0.105506
rs3015858	TYW1	C/T	07q	C	0.231481481	0.169724771	0.105649
rs2288868	ZNF577	C/T	19q	C	0.446428571	0.370535714	0.105759
rs2288034	LOC729251	C/G	16q	G	0.379464286	0.450892857	0.105857
rs7313	CPVL	C/T	07p	T	0.473214286	0.454954955	0.106168
rs8046424	C16orf77	C/G	16q	C	0.422727273	0.495495495	0.106241
rs4371716	CDH12	C/T	05p	T	0.263392857	0.196428571	0.106328
rs3742262	RP11-125A7.3	C/T	13q	C	0.348214286	0.276785714	0.106461
rs7533274	L1TD1	A/G	01p	G	0.36036036	0.288288288	0.10666
rs401416		C/G	22q	G	0.495454546	0.419642857	0.1067
rs10769054	OR52H1	C/T	11p	C	0.387387387	0.459821429	0.106903
rs7777835	NACAD	C/T	07p	T	0.352678571	0.424107143	0.106913
rs7560262	C2orf3	C/T	02p	C	0.460784314	0.461165048	0.107192
rs10931715	DNAH7	A/G	02q	G	0.392857143	0.321428571	0.10727
rs578629		A/C	16p	A	0.107142857	0.160714286	0.107366
rs2083914	MCPH1	G/T	08p	T	0.205357143	0.144144144	0.107366

rs1289658	TRIM45	A/G	01p	G	0.467889908	0.395454546	0.107419
rs4674941	DOCK10	C/G	02q	C	0.125	0.183035714	0.107531
rs10219555	MON2	A/G	12q	A	0.378378378	0.454545454	0.107633
rs10914430		A/G	01p	A	0.428571429	0.352678571	0.107662
rs3752448	CG018	A/T	13q	A	0.174107143	0.232142857	0.107676
rs1544131		A/G	01p	A	0.075892857	0.040178571	0.107713
rs10769699	DNHD1	A/G	11p	A	0.482142857	0.400900901	0.107788
rs6927706	KIAA1244, PBOV1	A/G	06q	G	0.099099099	0.058035714	0.107925
rs7562391	PPIL3	A/C	02q	C	0.174107143	0.120535714	0.108137
rs300169	FLJ40869	C/T	02p	C	0.348214286	0.424107143	0.108271
rs11580409	C1orf173	A/C	01p	C	0.477678571	0.401785714	0.108297
rs14121	VEZT	A/G	12q	G	0.371287129	0.296116505	0.108341
rs293712		A/G	20q	A	0.3125	0.382882883	0.108883
rs10795583	TAF3	C/G	10p	G	0.454545455	0.378378378	0.109691
rs1367117	APOB	A/G	02p	A	0.366071429	0.294642857	0.109814
rs986178	BTBD16	A/G	10q	A	0.145454545	0.096330275	0.10988
rs11040198	LOC120824	A/G	11p	A	0.175675676	0.236363636	0.109899
rs2305948	KDR	C/T	04q	T	0.066964286	0.112612613	0.110004
rs6578533	OR52R1	A/T	11p	A	0.325892857	0.401785714	0.110123
rs4801970	ZNF818	C/G	19q	G	0.405405405	0.330357143	0.110178
rs595413	C6orf146	C/T	06p	C	0.21875	0.279279279	0.11065
rs1878061	CD300E	C/T	17q	T	0.405405405	0.477678571	0.110674
rs1148098		C/T	11q	T	0.18018018	0.123853211	0.110721
rs4304840	CLEC4D	A/G	12p	G	0.236607143	0.174107143	0.110739
rs4822063	SREBF2	C/G	22q	C	0.25	0.322727273	0.110938
rs1509123	FBXO39	A/G	17p	A	0.09375	0.053571429	0.111095
rs6271	DBH	C/T	09q	T	0.075892857	0.040909091	0.111157
rs10781150		C/T	09q	C	0.28125	0.348214286	0.111255
rs2275992		A/G	11q	G	0.245535714	0.3125	0.111271
rs2035639	SYT9	C/G	11p	C	0.464285714	0.391891892	0.111304
rs200484	HIST1H2AI, HIST1H2BL	A/G	06p	G	0.076576577	0.120535714	0.111357
rs2285751	RNF126	C/T	19p	T	0.053571429	0.022321429	0.111382
rs9994029		A/G	04p	G	0.391891892	0.468468469	0.11139
rs10206850	THSD7B	A/G	02q	A	0.477678571	0.401785714	0.111634
rs11071986	CALML4	A/G	15q	G	0.482142857	0.404545455	0.111749
rs11004439	PCDH15	A/C	10q	C	0.272321429	0.207207207	0.111995
rs2641563	KIAA1975	C/T	10q	T	0.196428571	0.25	0.112121

rs9293796	MTX3	C/G	05q	C	0.09375	0.144144144	0.112261
rs7097397		A/G	10q	A	0.293577982	0.364485981	0.112316
rs10867332		C/G	09q	C	0.211711712	0.153153153	0.112368
rs11138018		C/T	09q	T	0.157657658	0.107142857	0.112451
rs2444263	RIF1	C/T	02q	C	0.383928571	0.3125	0.112482
rs7803620	FLJ21062	C/G	07q	C	0.175257732	0.239583333	0.112507
rs238239	ENO3	C/T	17p	T	0.375	0.450450451	0.112857
rs952374	RAB6IP1	C/G	11p	G	0.245535714	0.308035714	0.112879
rs1792326		C/T	11q	T	0.098214286	0.147321429	0.112967
rs7173826	FLJ11506	G/T	15q	G	0.361607143	0.294642857	0.113061
rs4681904	CCDC66	C/G	03p	C	0.091346154	0.138095238	0.113214
rs832032	GABRR3	A/T	03q	T	0.15625	0.213636364	0.113356
rs1558876	ARSG	C/G	17q	G	0.383928571	0.459821429	0.113477
rs6077853	C20orf94	A/G	20p	A	0.174107143	0.120535714	0.113582
rs5996633	LOC284890	A/G	22q	G	0.18018018	0.236607143	0.113812
rs2229080	DCC	C/G	18q	G	0.333333333	0.410714286	0.114074
rs12476147	ZNF804A	A/T	02q	A	0.423423423	0.352678571	0.114175
rs1545133	POLR1B	C/T	02q	C	0.352678571	0.425925926	0.114536
rs2287059	NOL10	C/T	02p	T	0.276785714	0.34375	0.114738
rs6544718	ABCG8	C/T	02p	T	0.153153153	0.209821429	0.114786
rs3804505	EFHC1	C/T	06p	T	0.058035714	0.026785714	0.114879
rs2627043	TTN	A/C	02q	A	0.200892857	0.147321429	0.114944
rs7132916	OR6C1	A/G	12q	G	0.241071429	0.18018018	0.115097
rs2240308	AXIN2	A/G	17q	G	0.463963964	0.463636364	0.115157
rs2227902	REST	G/T	04q	T	0.102678571	0.0625	0.115167
rs1108842	GNL3, PBRM1	A/C	03p	C	0.460784314	0.462616822	0.115315
rs394732	BCAS1	G/T	20q	T	0.486607143	0.415178571	0.115762
rs928777	TCP10L	C/T	21q	C	0.120535714	0.076576577	0.11591
rs11606506	OR4B1	A/G	11p	A	0.165178571	0.223214286	0.116063
rs3736918		C/T	14q	C	0.101851852	0.060747664	0.11608
rs11631105		C/G	15q	G	0.118181818	0.168224299	0.116248
rs2235587	PSMF1	C/T	20p	C	0.133928571	0.1875	0.116485
rs681210		C/T	21q	T	0.306306306	0.379464286	0.116683
rs2243620		C/T	07p	T	0.380733945	0.450892857	0.116776
rs362003	SUHW1	C/T	22q	T	0.321428571	0.254464286	0.116946
rs3737744	NSUN4	C/T	01p	C	0.410714286	0.337837838	0.117063
rs10037485	CYFIP2, C5orf40	C/T	05q	T	0.236607143	0.174107143	0.11708

rs20455	KIF6	C/T	06p	C	0.446428571	0.375	0.117082
rs1932618	BAI3	A/G	06q	A	0.120535714	0.076576577	0.117157
rs3803800	TNFSF13, TNFSF12- TNFSF13	A/G	17p	A	0.21875	0.162162162	0.117315
rs9830035		C/T	03q	T	0.299107143	0.231818182	0.117501
rs288326	FRZB	A/G	02q	A	0.147321429	0.098214286	0.117642
rs2072615		A/G	14q	A	0.277227723	0.206730769	0.117897
rs12214686		A/G	06p	G	0.1875	0.131818182	0.117998
rs7220988	KIAA1267	A/G	17q	A	0.415178571	0.34375	0.118136
rs4354673	OR52L1	G/T	11p	T	0.186363636	0.247747748	0.118146
rs6823339		A/C	04q	A	0.361904762	0.438095238	0.118285
rs4808383	OR10H1	C/G	19p	G	0.168181818	0.228971963	0.118295
rs2403730		A/G	08q	A	0.370535714	0.303571429	0.118554
rs12070228	TRIM67	A/C	01q	A	0.121052632	0.181818182	0.118777
rs1156281	BRDT	A/C	01p	C	0.075892857	0.040178571	0.119204
rs1137078	HLA-A, HLA-A29.1	A/G	06p	G	0.140909091	0.094594595	0.119391
rs1055581	USH1C	A/G	11p	G	0.458715596	0.467889908	0.119393
rs11726117	ALPK1	C/T	04q	T	0.375	0.303571429	0.119438
rs10775247		C/T	15q	C	0.361607143	0.433035714	0.119506
rs10510980		A/G	03p	G	0.148148148	0.201834862	0.119775
rs10788	SERGEF	C/T	11p	T	0.089285714	0.135135135	0.120192
rs10753110		A/C	01q	A	0.45945946	0.464285714	0.120284
rs2724693	DZIP1L	C/T	03q	C	0.319444444	0.247706422	0.12049
rs9808377	TTN	A/G	02q	G	0.232142857	0.174107143	0.120614
rs13184	FLJ40298	C/G	02p	C	0.165	0.225806452	0.120698
rs2274654	LOC375748	A/G	09q	G	0.174107143	0.125	0.120702
rs2849233	MRO	C/T	18q	C	0.413636364	0.345454545	0.120784
rs2304821	PTPRB	A/G	12q	A	0.142201835	0.090909091	0.12084
rs1180116	SMC5	A/G	09q	G	0.147321429	0.089285714	0.121055
rs2287657	LOC729966	C/T	19p	T	0.272321429	0.209821429	0.121057
rs7675987	SCFD2	A/G	04q	G	0.357142857	0.433035714	0.121314
rs6580873	KRT81	A/C	12q	A	0.232142857	0.174107143	0.122028
rs2238472	ABCC6	A/G	16p	A	0.256880734	0.324324324	0.12214
rs6445902	DNAH7L	A/C	03p	C	0.125	0.178571429	0.122159
rs3759295	LOC440093	G/T	12p	G	0.068181818	0.035714286	0.122297
rs12057989		A/G	01q	G	0.112612613	0.157657658	0.122438
rs1451660		A/C	11p	A	0.409090909	0.339285714	0.122536

rs2074466	OR10C1	G/T	06p	T	0.138392857	0.191964286	0.122564
rs964039		C/T	11q	C	0.308035714	0.241071429	0.122847
rs2877380	CBR4	A/C	04q	C	0.202702703	0.263392857	0.122862
rs3753841	COL11A1	C/T	01p	C	0.484848485	0.41	0.122991
rs1317215		A/G	03p	A	0.063636364	0.103603604	0.123093
rs2452505	PHYHIPL, FAM13C1	C/G	10q	C	0.125	0.175675676	0.123134
rs10831519	CCDC82	C/T	11q	C	0.151785714	0.209821429	0.123209
rs2291739	TIMELESS	C/T	12q	C	0.45045045	0.375	0.12332
rs11618091	FLJ44054	C/T	13q	C	0.183035714	0.243243243	0.124029
rs10414211	LOC147645	G/T	19q	T	0.364485981	0.439814815	0.124293
rs9296669	PKHD1	A/G	06p	G	0.459459459	0.464285714	0.124318
rs3742569	FBXO34	C/T	14q	C	0.379464286	0.454954955	0.124571
rs12150427	OR1A2	G/T	17p	T	0.339285714	0.40625	0.124615
rs1734035	LOC730281	C/T	07q	C	0.241071429	0.303571429	0.124797
rs12365487	OR52N1	G/T	11p	T	0.157657658	0.108108108	0.12504
rs2305246		C/T	03p	C	0.273148148	0.351851852	0.125064
rs1510765	PARD3B	C/T	02q	T	0.390909091	0.316037736	0.125219
rs2657167	OR52M1	C/G	11p	C	0.383928571	0.455357143	0.125356
rs1150684		G/T	06p	G	0.050925926	0.09009009	0.125365
rs4266238		A/G	04p	A	0.405405405	0.477678571	0.125386
rs370094	EMR1	A/G	19p	A	0.243243243	0.310810811	0.125695
rs2275697	CNTN2	C/T	01q	T	0.193693694	0.138392857	0.12631
rs276938	DSC3	A/G	18q	A	0.261261261	0.324324324	0.126667
rs3784634	VPS13C	A/G	15q	G	0.464285714	0.392857143	0.126722
rs7630407		C/T	03q	C	0.357142857	0.428571429	0.126741
rs9633811		C/T	11q	C	0.410714286	0.482142857	0.126959
rs1043730	TRAF3IP2	A/C	06q	C	0.241071429	0.183035714	0.126968
rs897738	EMR1	C/T	19p	T	0.241071429	0.306306306	0.126969
rs2240871	NCAPD2	C/G	12p	G	0.135514019	0.190909091	0.127164
rs532637	OR9G1	A/G	11q	G	0.34375	0.40990991	0.127719
rs3122712	FAM71A	A/G	01q	G	0.259090909	0.325892857	0.128247
rs6917485	FAM120B	G/T	06q	T	0.111607143	0.162162162	0.128267
rs9876490	TRIM42	A/C	03q	C	0.370535714	0.441441441	0.128273
rs4925583	OR2L13, OR2L8	A/G	01q	A	0.067567568	0.035714286	0.128539
rs964307	PKHD1L1	A/G	08q	G	0.316964286	0.254464286	0.128623
rs4146960	RASEF	A/G	09q	G	0.45045045	0.477678571	0.128664
rs3816614	LRP4	C/T	11p	C	0.285714286	0.223214286	0.128894



rs10140007	C14orf100, C14orf149	C/T	14q	C	0.446428571	0.375	0.128952
rs3750207	ZC3H3	A/C	08q	C	0.222222222	0.290909091	0.129028
rs6007808	LOC388915	C/T	22q	C	0.382882883	0.455357143	0.129168
rs1716	ITGAE	C/T	17p	T	0.366071429	0.299107143	0.129263
rs1374570	OR6Q1, OR9Q1	C/G	11q	G	0.454954955	0.473214286	0.129343
rs2341433	OR52B6	A/G	11p	A	0.434579439	0.354545454	0.129549
rs3826709	KRI1	C/G	19p	C	0.458333333	0.387254902	0.129746
rs3009024		A/G	03p	G	0.352678571	0.285714286	0.129855
rs1801693	LPA	C/T	06q	T	0.370535714	0.299107143	0.130129
rs1966949		C/G	08p	G	0.178571429	0.125	0.130134
rs897065		C/T	02p	T	0.153153153	0.107142857	0.130541
rs4931826	LOC283755	A/C	15q	A	0.20754717	0.261682243	0.130643
rs381406	ITGB2	G/T	21q	T	0.415178571	0.486607143	0.131035
rs9897794	EFCAB5	G/T	17q	G	0.481981982	0.445945946	0.131197
rs1414125		G/T	10p	G	0.433035714	0.495535714	0.131199
rs12125187	OR2L13	C/T	01q	T	0.369369369	0.297297297	0.131283
rs2296225	KIF17	C/T	01p	C	0.075892857	0.040178571	0.131355
rs7927385	OR8D4	A/G	11q	G	0.352678571	0.290178571	0.131532
rs910270		C/T	01p	T	0.298165138	0.361111111	0.131683
rs2292288	DMN	C/T	15q	C	0.473214286	0.455357143	0.131877
rs7132347	OR6C1	C/G	12q	C	0.241071429	0.183035714	0.13192
rs3732215	DKFZp762E1312	C/G	02q	G	0.441441441	0.490990991	0.132156
rs4509745	OVCH2	C/T	11p	C	0.412844037	0.34375	0.132209
rs2183443		A/G	13q	A	0.071428571	0.111607143	0.132278
rs1709851		G/T	02q	G	0.356481481	0.288461538	0.132427
rs1030726	OR51F1	G/T	11p	T	0.205357143	0.265765766	0.132428
rs2270962	CWF19L1	A/G	10q	A	0.085585586	0.049549549	0.13252
rs4818948	C21orf29, KRTAP10-10	C/G	21q	C	0.050458716	0.013513513	0.132606
rs12500797	PTPN13	A/G	04q	A	0.151785714	0.107142857	0.132652
rs225014	DIO2	C/T	14q	C	0.325892857	0.397321429	0.132813
rs1919954		A/G	07q	G	0.464285714	0.464285714	0.133059
rs2249778	TCL6	A/G	14q	G	0.178571429	0.238738739	0.133092
rs4456825		C/T	03p	T	0.433035714	0.491071429	0.133145
rs469390	MX1	A/G	21q	G	0.450450451	0.379464286	0.133415
rs7468423		C/G	09q	C	0.196428571	0.254464286	0.133441
rs7049042	OR13F1	C/T	09q	T	0.324324324	0.259090909	0.133453
rs9367358	C6orf140	A/C	06p	A	0.1875	0.133928571	0.133487

rs676913	GBP7	A/G	01p	G	0.346846847	0.412844037	0.133577
rs2587070	BCL2L13	G/T	22q	G	0.236607143	0.178571429	0.133722
rs2195951	OR7G1	A/G	19p	G	0.200892857	0.148648649	0.133739
rs1939015	MMP27	A/G	11q	G	0.209821429	0.153153153	0.133951
rs2275902	ELTD1	C/G	01p	C	0.361607143	0.294642857	0.133979
rs2303772	KLHDC4	C/G	16q	C	0.058558559	0.097222222	0.134143
rs2490085	CCNYL2	A/T	10q	T	0.268867925	0.336538462	0.134152
rs10900862	LOC202051	C/T	05q	C	0.328828829	0.397321429	0.134224
rs3739510	LAMC3	C/G	09q	G	0.205357143	0.151785714	0.134258
rs3738496	LEPRE1	A/T	01p	T	0.09375	0.13963964	0.134291
rs2071214	BIRC5	A/G	17q	G	0.054054054	0.090909091	0.134317
rs759458	SLC1A4	C/T	02p	T	0.256756757	0.321428571	0.134355
rs1114117		C/T	02p	C	0.217592593	0.160550459	0.134379
rs10950797	IQCE	A/G	07p	A	0.099099099	0.147321429	0.134673
rs2042791	SPAG16	A/C	02q	C	0.308035714	0.370535714	0.134731
rs361377		A/G	07q	A	0.459821429	0.387387387	0.134785
rs6560142	TRPM3	C/T	09q	C	0.495535714	0.433035714	0.134917
rs4946188	C6orf113	C/T	06q	C	0.222727273	0.283018868	0.135158
rs9371533	RAET1E	A/G	06q	A	0.064516129	0.021978022	0.1354
rs3813474	ADAMTS12	A/G	05p	G	0.133928571	0.089285714	0.135424
rs8065506	ZNF624	A/C	17p	A	0.352678571	0.290178571	0.135835
rs12071728	LOC729806	C/T	01q	C	0.419642857	0.486607143	0.136121
rs2243897	LOC340900	C/T	10p	C	0.299107143	0.232142857	0.136234
rs2015018	CHSY-2	C/T	05q	T	0.202702703	0.261261261	0.136624
rs1919811	FLJ45974	G/T	07p	G	0.433035714	0.495535714	0.137029
rs368865	ATP11A	A/G	13q	A	0.297297297	0.236363636	0.137268
rs10838851	OR4X1	A/T	11p	T	0.243119266	0.3125	0.137487
rs4252125	PLG	A/G	06q	A	0.354545454	0.289719626	0.137584
rs6905356	FAM120B	C/T	06q	C	0.111607143	0.160714286	0.137926
rs3736582	PSTK	C/G	10q	C	0.325688073	0.266990291	0.138436
rs6557634	TNFRSF10A	C/T	08p	T	0.433035714	0.495535714	0.138473
rs1531862	LOC728073	C/T	17q	C	0.299107143	0.366071429	0.138994
rs12602536	AP1GBP1	C/T	17q	C	0.129464286	0.178571429	0.139467
rs9297853	LRRRC6	A/G	08q	G	0.102678571	0.148648649	0.139636
rs1107947	FGFBP3	A/T	10q	T	0.223214286	0.281818182	0.139698
rs640729	NEBL	C/T	10p	C	0.342342342	0.410714286	0.139927
rs6464009		A/G	07p	G	0.333333333	0.267857143	0.14011

rs4438413	ZNF525	A/G	19q	G	0.382882883	0.450892857	0.140571
rs10036567	KIAA0141	C/T	05q	C	0.084821429	0.049107143	0.140643
rs2374390	LOC285047	A/G	02p	A	0.379464286	0.446428571	0.14088
rs2280099	TIGD2	C/T	04q	C	0.1875	0.138392857	0.140987
rs236151	CHGB	A/G	20p	A	0.247663551	0.308823529	0.141249
rs7021366	CTNNAL1	C/G	09q	G	0.316964286	0.254464286	0.141445
rs9809404	SLC9A10	C/T	03q	T	0.36407767	0.431578947	0.141555
rs3205421	CHPT1	C/T	12q	C	0.263392857	0.325892857	0.14164
rs2295283	RP5-1077B9.4	A/G	01p	A	0.334821429	0.267857143	0.141786
rs4656197	SCYL3	C/T	01q	T	0.459821429	0.392857143	0.141961
rs1977172		G/T	06p	T	0.072115385	0.12037037	0.142394
rs10007789	TRIM61	C/T	04q	C	0.464285714	0.46875	0.142453
rs1014286	SLC9A4	C/T	02q	C	0.274774775	0.337837838	0.14253
rs818620	RINT1	C/G	07q	C	0.130630631	0.183486238	0.142573
rs7282594		A/G	21q	A	0.401785714	0.334821429	0.142596
rs4707358	GJB7	A/G	06q	G	0.495535714	0.428571429	0.142599
rs231267		G/T	04q	T	0.397321429	0.330357143	0.142688
rs678084	WDR76	G/T	15q	T	0.214285714	0.160714286	0.142707
rs11240573	FLJ32569	C/T	01q	T	0.09009009	0.053571429	0.143065
rs3738099	ALPL	A/G	01p	G	0.15	0.103603604	0.143088
rs4973588	NGEF	A/G	02q	A	0.178571429	0.126126126	0.143202
rs7639705	MCF2L2	G/T	03q	G	0.165178571	0.21875	0.143347
rs1891343		C/T	16q	T	0.076190476	0.11682243	0.143447
rs2638880	MUC19, LOC730512	A/T	12q	A	0.285714286	0.223214286	0.143566
rs1805794	NBN	C/G	08q	G	0.352678571	0.285714286	0.143733
rs929156	TRIM15	C/T	06p	T	0.21875	0.279279279	0.143784
rs9425343	EDEM3	A/C	01q	C	0.34375	0.410714286	0.14381
rs1873511		A/G	01q	G	0.46875	0.401785714	0.143864
rs1873510		C/T	01q	C	0.46875	0.401785714	0.143864
rs2168749	KLRA1	A/G	12p	A	0.472972973	0.455357143	0.14388
rs2474329	LRRC27	A/G	10q	A	0.209821429	0.267857143	0.144156
rs6079391	FLRT3, MACROD2	G/T	20p	G	0.486607143	0.441964286	0.144388
rs1065212	HSPC111	A/G	05q	G	0.126126126	0.084821429	0.144637
rs7503034	SGSH	C/T	17q	T	0.375	0.308035714	0.144728
rs86312	NAGLU	C/G	17q	C	0.056603774	0.091743119	0.145237
rs3218634	POLQ	C/G	03q	G	0.085585586	0.049107143	0.145345
rs6657480	KIAA1799	C/T	01p	C	0.129807692	0.18556701	0.145394

rs10420734	LOC401898, LOC730571	C/T	19p	C	0.345454545	0.409090909	0.145418
rs3731722	AOX1	C/T	02q	C	0.053571429	0.089285714	0.145446
rs6781844	SLC9A10	G/T	03q	G	0.200892857	0.259090909	0.14569
rs7918199	MKI67	C/T	10q	T	0.09375	0.058035714	0.145789
rs11953798	NY-REN-7, LOC653314	C/T	05q	T	0.4375	0.495535714	0.145789
rs13874	SLC25A26	A/G	03p	A	0.410714286	0.477272727	0.14599
rs321937	ZNF610	C/G	19q	C	0.083333333	0.047619048	0.146099
rs7863750	HIATL1	A/G	09q	A	0.117117117	0.077981651	0.146107
rs9604128	LOC649907	C/T	13q	T	0.360576923	0.290476191	0.146272
rs10908656		A/G	01q	A	0.468468468	0.401785714	0.146317
rs3795243	NCAPG	C/G	04p	G	0.107142857	0.15625	0.146489
rs3743749	ADAMTS18	C/G	16q	C	0.154545454	0.104545454	0.146818
rs10904368	tAKR	A/G	10p	A	0.245535714	0.189189189	0.147012
rs11187895	NOC3L	C/G	10q	C	0.110091743	0.072072072	0.147062
rs2286007	WNK1	C/T	12p	T	0.071428571	0.040178571	0.14755
rs2961135	OR2A25	C/G	07q	G	0.445454545	0.486607143	0.147602
rs1046428	GSTZ1	C/T	14q	T	0.205357143	0.153153153	0.147718
rs7257872	ZNF584	A/G	19q	G	0.303571429	0.241071429	0.147737
rs462779	REV3L	C/T	06q	C	0.205357143	0.151785714	0.147871
rs1058992	MAP9	A/G	04q	G	0.254464286	0.198198198	0.147904
rs1526835		C/T	12q	T	0.112612613	0.160714286	0.148107
rs5744934	POLE	A/G	12q	G	0.205357143	0.151785714	0.148141
rs2171497	KIAA0748	C/G	12q	C	0.081081081	0.120535714	0.148261
rs1866374	MAP1B	C/T	05q	T	0.177272727	0.126126126	0.148332
rs11244275	LAMC3	C/T	09q	T	0.071428571	0.040909091	0.148353
rs800292	CFH	C/T	01q	T	0.1875	0.241071429	0.148422
rs7232237	ASXL3	A/G	18q	A	0.490476191	0.435643564	0.14849
rs2642992	ZNF695	C/T	01q	T	0.391891892	0.325688073	0.148565
rs10744716	LEPREL2	A/G	12p	G	0.398058252	0.471428571	0.148925
rs3762672	DNAJC13	G/T	03q	T	0.477678571	0.450450451	0.148949
rs2696914	TRIM49, LOC283116	G/T	11p	G	0.144144144	0.189189189	0.148982
rs10935282	FAM62C	A/G	03q	A	0.486363636	0.444444444	0.149163
rs4251545	IRAK4	A/G	12q	A	0.081081081	0.123853211	0.149259
rs4974564		A/G	04p	G	0.348214286	0.286363636	0.149277
rs10494745		A/G	01q	A	0.117117117	0.077272727	0.149507
rs7192	HLA-DRA	G/T	06p	T	0.379464286	0.445945946	0.149646
rs2070235	MYBL2	A/G	20q	G	0.111607143	0.071428571	0.149878

rs1174657	RGL1, APOBEC4	C/T	01q	C	0.415178571	0.348214286	0.149949
rs3219156	ALS2	A/G	02q	G	0.117117117	0.075892857	0.150335
rs1050354	PPIG	A/T	02q	T	0.427927928	0.361607143	0.150346
rs3735318		C/T	07q	C	0.46875	0.463636364	0.15036
rs605734	OR5M3	A/T	11q	T	0.196428571	0.254464286	0.150412
rs315675	ZCCHC4	A/T	04p	A	0.129464286	0.089285714	0.150429
rs2593943	MORC1	A/G	03q	A	0.46875	0.400900901	0.150644
rs848210	SPEN	A/G	01p	A	0.388392857	0.459459459	0.150845
rs1965370	LOC120824	C/G	11p	C	0.175675676	0.22972973	0.150881
rs2274616	ITGA10	C/T	01q	T	0.133928571	0.183035714	0.151163
rs9669382	PTPRQ	A/G	12q	G	0.225225225	0.171171171	0.151191
rs4645434	SYNE1	A/C	06q	C	0.366071429	0.433035714	0.151446
rs1566286	C17orf80	A/G	17q	G	0.477477478	0.410714286	0.151454
rs11883500	MLPH	C/T	02q	T	0.130630631	0.181818182	0.151553
rs1403812	OR13F1	C/T	09q	T	0.322727273	0.259433962	0.151641
rs1133833	C11orf17	C/T	11p	T	0.234234234	0.294642857	0.151777
rs11743570		C/G	05q	C	0.098214286	0.142857143	0.151987
rs532411	POLQ	C/T	03q	T	0.084821429	0.049107143	0.152042
rs487848	POLQ	A/G	03q	A	0.084821429	0.049107143	0.152042
rs3204953	REV3L	A/G	06q	A	0.178571429	0.129464286	0.152075
rs3813535	STON2	C/T	14q	T	0.129464286	0.178571429	0.15229
rs1265284		G/T	06p	T	0.486607143	0.418918919	0.152428
rs12102203	DMXL2	A/G	15q	A	0.463963964	0.46875	0.15245
rs10961689	FREM1	G/T	09p	T	0.223214286	0.283783784	0.152486
rs1727	IFIT2	A/C	10q	C	0.223214286	0.283783784	0.152499
rs8069344	GUCY2D	A/T	17p	A	0.116071429	0.160714286	0.152646
rs821616	DISC1	A/T	01q	A	0.325892857	0.267857143	0.152759
rs6537662		A/G	01p	G	0.28125	0.223214286	0.152841
rs2035820	FAM44A	A/G	04p	A	0.196428571	0.147321429	0.152869
rs233252	C21orf29, KRTAP10-3	C/T	21q	C	0.075892857	0.044642857	0.152883
rs3859474	PSG4	A/G	19q	G	0.468468469	0.396396396	0.153137
rs10896488	OR5M10	A/G	11q	G	0.193693694	0.25	0.153167
rs4760600	FKBP11, CCDC65	C/T	12q	C	0.348214286	0.414414414	0.153208
rs1054565	TAF1B	A/G	02p	A	0.263636364	0.327102804	0.153258
rs4233367	ADAMTS4	C/T	01q	T	0.340909091	0.409090909	0.153329
rs1556250		A/G	09p	G	0.108108108	0.068807339	0.153548
rs586339	JMJD2A	G/T	01p	G	0.286363636	0.227272727	0.153623

rs2839158	LSS	C/T	21q	T	0.142857143	0.191964286	0.153696
rs443658	EMR1	C/T	19p	C	0.22	0.282828283	0.153986
rs2571174		C/T	19q	C	0.084821429	0.125	0.154068
rs7799	ELF1	A/G	13q	A	0.3125	0.373873874	0.154145
rs3765604		C/G	06p	C	0.135135135	0.09375	0.154201
rs640573		C/G	01p	G	0.473214286	0.40990991	0.154271
rs6461247		C/T	07p	C	0.191964286	0.142857143	0.154375
rs1131877	TRAF3	A/G	14q	G	0.258928571	0.200892857	0.154397
rs1052559		A/C	19q	C	0.397321429	0.328828829	0.154642
rs2062553		G/T	16q	T	0.424107143	0.490990991	0.15469
rs8099409	C18orf45	A/G	18q	A	0.486486486	0.419642857	0.154839
rs9002	GPR125	A/G	04p	A	0.245454545	0.189189189	0.154863
rs2244507	LIMS2	A/G	02q	A	0.361607143	0.428571429	0.154947
rs3761863	LRRK2	A/G	12q	A	0.339285714	0.40625	0.154961
rs4434123	SLC9A10	A/G	03q	G	0.202702703	0.258928571	0.155015
rs2638866	MUC19, LOC647546	A/G	12q	G	0.129464286	0.085585586	0.155055
rs1871892	FNDC8	C/T	17q	T	0.308035714	0.370535714	0.155161
rs542939	LOC116236	C/T	17q	T	0.40625	0.34375	0.155173
rs1745689	SLC35F4	C/T	14q	T	0.285714286	0.227678571	0.155204
rs4619	IGFBP1	A/G	07p	G	0.325892857	0.392857143	0.155247
rs2270669	COL6A3	C/G	02q	G	0.202830189	0.26	0.155495
rs1476859	OR1B1	C/T	09q	T	0.316964286	0.258928571	0.155563
rs2295778	HIF1AN	C/G	10q	G	0.28125	0.223214286	0.155654
rs3828551		A/G	04q	A	0.178571429	0.129464286	0.15572
rs2290130	B3GNT7	C/T	02q	T	0.294642857	0.234234234	0.156054
rs272893	SLC22A4	A/G	05q	A	0.348214286	0.412844037	0.156166
rs3746013	FCGBP	C/G	19q	G	0.223214286	0.169642857	0.156355
rs3740912	CDON	C/T	11q	C	0.473214286	0.40625	0.156438
rs10122426		A/G	09q	G	0.169642857	0.125	0.156492
rs2280467		C/T	15q	C	0.276785714	0.21875	0.156593
rs68352	C2orf58	C/T	02p	C	0.455357143	0.392857143	0.156783
rs10774482	ERC1	C/G	12p	C	0.384259259	0.445945946	0.15708
rs1051061	VRK2	A/G	02p	G	0.375	0.315315315	0.157107
rs2292830	CLCA3	C/G	01p	C	0.468468468	0.40625	0.157202
rs2306134	PPP4R1	C/T	18p	T	0.142857143	0.191964286	0.157268
rs2457569	LPAL2, LOC732058	C/G	06q	C	0.348214286	0.283783784	0.157318
rs1884444	IL23R	G/T	01p	T	0.4375	0.495535714	0.157523

rs4381620	LOC388210	C/T	16p	T	0.147321429	0.102678571	0.157607
rs2075761	FGL2, KIAA1505	A/G	07q	A	0.058558559	0.095454545	0.157822
rs1135688	UNC13D	C/T	17q	C	0.339285714	0.281818182	0.15791
rs2400941		C/G	14q	G	0.285714286	0.348214286	0.158073
rs3877899	SEPP1	A/G	05p	A	0.283783784	0.222727273	0.15818
rs10421285	ZNF470	C/G	19q	C	0.308035714	0.370535714	0.158271
rs2281959	DUSP27	G/T	01q	T	0.337837838	0.276785714	0.158448
rs2303580	NEDD4	C/T	15q	C	0.258928571	0.200892857	0.158662
rs1968872	TREML3	C/T	06p	T	0.0625	0.099099099	0.158701
rs1660838		C/T	11q	T	0.26146789	0.205357143	0.158893
rs882605	MUC4	G/T	03q	T	0.137254902	0.093137255	0.158956
rs2179634	CD34	A/G	01q	A	0.34375	0.279816514	0.159055
rs2711941	KLHL5	G/T	04p	T	0.276785714	0.21875	0.159103
rs6464008		C/T	07p	C	0.325892857	0.263392857	0.159264
rs745894	CCDC102B	A/C	18q	A	0.183035714	0.133928571	0.15933
rs7095325	MKI67	A/T	10q	T	0.234042553	0.306818182	0.159342
rs6580742	LOC643275	C/T	12q	T	0.142857143	0.193693694	0.159686
rs6949353		A/G	07p	A	0.333333333	0.263636364	0.159739
rs1077126	OR52B6	A/G	11p	G	0.390909091	0.324324324	0.159788
rs4972156		A/T	02p	A	0.084821429	0.05	0.159795
rs3731834	ZNF804A	C/G	02q	C	0.195454545	0.147321429	0.160248
rs3212298	PODXL	A/G	07q	A	0.053571429	0.026785714	0.160395
rs2070132	ZNF146	A/G	19q	A	0.425925926	0.36036036	0.160569
rs6650971	FAT2	C/T	05q	C	0.27027027	0.333333333	0.160694
rs3825723	PLEKHH1	A/T	14q	T	0.165178571	0.116071429	0.160813
rs2281726	TSR1	A/G	17p	G	0.090909091	0.133928571	0.160996
rs168107	CLCC1	G/T	01p	T	0.322115385	0.262886598	0.161098
rs930557	MCPH1	C/G	08p	G	0.245535714	0.189189189	0.16115
rs4274188	MRGPRX3	A/G	11p	A	0.28125	0.225225225	0.16132
rs11125895	FLJ13305	C/T	02p	C	0.165178571	0.21875	0.161431
rs7926767	OR8D4	A/G	11q	G	0.348214286	0.290178571	0.161566
rs6761276	IL1F10	C/T	02q	T	0.325892857	0.388392857	0.161819
rs958912	ATP10B	C/T	05q	T	0.189189189	0.140909091	0.161869
rs12537531	DNAH11	C/T	07p	T	0.495495496	0.427927928	0.161921
rs11845640	AKAP6	C/T	14q	T	0.071428571	0.107142857	0.161961
rs2303067	SPINK5	A/G	05q	A	0.491071429	0.427927928	0.162244
rs3745249	KRI1	A/G	19p	G	0.473214286	0.464285714	0.162793

rs2407498		C/G	12q	C	0.214285714	0.160714286	0.162965
rs6495228	RYR3	A/G	15q	G	0.174107143	0.127272727	0.162995
rs2305355	VWA3B	A/G	02q	A	0.098214286	0.0625	0.163006
rs2808770	COL27A1	C/T	09q	C	0.25	0.308035714	0.163027
rs11228763	OR9G4	A/G	11q	G	0.120535714	0.081081081	0.163033
rs3820071	ELA2B	A/G	01p	A	0.279279279	0.220183486	0.163336
rs11077969	CCDC57	A/G	17q	A	0.477477477	0.40990991	0.163777
rs11947663		C/G	04p	G	0.060185185	0.104761905	0.164105
rs1512027		C/T	12q	C	0.058558559	0.03125	0.164156
rs31853	PCDHB2	A/G	05q	A	0.071428571	0.041284404	0.164312
rs6488956		C/T	12q	T	0.191964286	0.245535714	0.164723
rs11636318	TMC3	C/T	15q	C	0.205357143	0.263392857	0.16479
rs6711382	NEB	A/G	02q	A	0.09375	0.133928571	0.164977
rs3732407	GOLGB1	C/G	03q	C	0.223214286	0.28125	0.165169
rs1534443	UTRN	C/T	06q	C	0.252252252	0.2	0.16537
rs2278022	ASCIZ	C/T	16q	C	0.107142857	0.066964286	0.165502
rs2170132	C10orf64	C/T	10q	C	0.245535714	0.303571429	0.165756
rs592644	PGM2L1	C/T	11q	C	0.339622641	0.404545454	0.165759
rs4820682	CTB-1048E9.5	A/G	22q	G	0.116071429	0.162162162	0.166019
rs4361282	FRMD4B	C/G	03p	G	0.183035714	0.236607143	0.166164
rs10216409	LOC442388	C/G	08q	G	0.324324324	0.26146789	0.166449
rs11953029	NY-REN-7, LOC653314	A/G	05q	A	0.440909091	0.495535714	0.166549
rs6599079	OXSRI	C/T	03p	T	0.142857143	0.102678571	0.166635
rs2297518	NOS2A	A/G	17q	A	0.209821429	0.263392857	0.166639
rs7215209	NLE1	C/T	17q	C	0.276699029	0.33490566	0.166758
rs310831	E2F7	A/T	12q	T	0.15625	0.111607143	0.167125
rs3847680	OVCH1	A/G	12p	A	0.415178571	0.477678571	0.16715
rs536435		C/T	03q	C	0.392857143	0.455357143	0.167174
rs2240026	PPP1R9A	A/G	07q	A	0.071428571	0.040178571	0.167263
rs2274924	TRPM6	A/G	09q	G	0.107142857	0.066964286	0.167503
rs3800291	FLJ38717	C/T	06p	C	0.401785714	0.342342342	0.168047
rs2298711	LMAN1	A/T	18q	T	0.191964286	0.142857143	0.168231
rs10883841	NT5C2	C/T	10q	C	0.160714286	0.117117117	0.168406
rs2028574	CCDC50	A/T	03q	A	0.361607143	0.428571429	0.168442
rs10761725	JMJD1C	A/T	10q	A	0.227678571	0.174107143	0.168522
rs2615542	CENPE	A/G	04q	G	0.175675676	0.225225225	0.168664
rs7209474	CCDC57	C/T	17q	T	0.473214286	0.40625	0.168849



rs6977217		A/G	07p	A	0.299107143	0.238738739	0.168869
rs4253211	ERCC6	C/G	10q	C	0.09	0.126213592	0.168897
rs9352	CHAF1A	C/T	19p	T	0.433035714	0.5	0.169198
rs7699006	HERC5	A/G	04q	G	0.328828829	0.394495413	0.169214
rs2230767	SYNJ1	C/T	21q	T	0.106796117	0.069444444	0.169216
rs4779816	TRPM1	A/G	15q	A	0.193693694	0.245535714	0.169272
rs1801695	APOB	A/G	02p	A	0.063063063	0.031818182	0.169298
rs956749	TAF2	C/T	08q	T	0.09375	0.058035714	0.169457
rs10009841		A/G	04p	G	0.085585586	0.053571429	0.169569
rs10493753	SPATA1	C/G	01p	G	0.058035714	0.03125	0.169661
rs483192		A/G	06p	G	0.183035714	0.135135135	0.169994
rs6089941		A/G	20q	A	0.066964286	0.102678571	0.169995
rs3812153	ELOVL4	A/G	06q	G	0.145454546	0.104545455	0.170293
rs2230491	AKAP5	C/T	14q	T	0.133928571	0.184684685	0.170334
rs2073152	OR12D2	C/G	06p	C	0.274774775	0.222222222	0.170452
rs7794606		A/T	07p	A	0.328828829	0.267857143	0.170549
rs10900400		A/G	01q	G	0.189814815	0.240566038	0.170669
rs1434579	ZNF229	A/G	19q	A	0.370535714	0.308035714	0.170669
rs2312355		A/G	07q	A	0.267857143	0.330357143	0.170729
rs486055	MMP10	C/T	11q	T	0.171171171	0.125	0.170789
rs893188	ZNF324B	A/G	19q	A	0.304545454	0.245535714	0.170899
rs2304681	KHK	A/G	02p	A	0.369369369	0.433035714	0.171165
rs203877	ZNF165	C/T	06p	C	0.236607143	0.294642857	0.171406
rs2228956	ASTN1	A/G	01q	A	0.118181818	0.162162162	0.171728
rs153477	GM2A	A/G	05q	A	0.369369369	0.435779816	0.173079
rs759496		C/G	17q	C	0.325892857	0.263636364	0.17315
rs7103557	OR4A47	A/C	11p	A	0.355855856	0.419642857	0.173298
rs1047955	FLJ37644	A/T	17q	T	0.303571429	0.245535714	0.17371
rs10839601	GVIN1	A/G	11p	A	0.162162162	0.213636364	0.174057
rs4242182	MSX2	C/T	05q	T	0.089285714	0.134259259	0.174203
rs7342883	EVPL	A/G	17q	A	0.084821429	0.054054054	0.174294
rs1154232	LAMA3	A/C	18q	A	0.241071429	0.1875	0.174301
rs7601771	PLB1	C/G	02p	G	0.450892857	0.486607143	0.175223
rs2276749	VGLL4	C/T	03p	T	0.0625	0.035714286	0.175314
rs10037067	GPR98	A/G	05q	G	0.3	0.36407767	0.175415
rs6463382	tcag7.956	A/C	07p	A	0.072072072	0.04245283	0.175429
rs3749433		C/T	01p	C	0.241071429	0.299107143	0.17557

rs4910604		C/T	11p	T	0.245535714	0.303571429	0.175621
rs745142	C17orf80	C/G	17q	C	0.46875	0.40625	0.176216
rs2232016	PRMT6	C/T	01p	T	0.169724771	0.217592593	0.176224
rs3194051	IL7R	A/G	05p	G	0.25	0.306306306	0.176329
rs1065489	CFH	G/T	01q	T	0.211711712	0.160714286	0.17643
rs5996635	LOC284890	C/T	22q	C	0.1875	0.236607143	0.176552
rs10891692	FAM55A	C/T	11q	T	0.4	0.333333333	0.176874
rs7641243	C3orf31	C/T	03p	C	0.142857143	0.102678571	0.176936
rs805708	COL17A1	A/G	10q	G	0.279279279	0.339285714	0.177031
rs10204137	IL1RL1	A/G	02q	G	0.392857143	0.328828829	0.177033
rs6587422		G/T	01q	T	0.080357143	0.049107143	0.177063
rs568419		A/G	01p	G	0.477678571	0.418181818	0.177187
rs557806	PPP1R15A	C/G	19q	G	0.157657658	0.207207207	0.177379
rs3935608		A/G	01q	G	0.240909091	0.294642857	0.177532
rs2288904	SLC44A2	C/T	19p	T	0.202702703	0.256756757	0.177653
rs1007298	Rgr	C/T	22q	T	0.328828829	0.272321429	0.177701
rs4561518	KIF2B	C/T	17q	C	0.135135135	0.18018018	0.177794
rs1939927	PMP22CD	C/T	11q	T	0.175675676	0.129464286	0.177795
rs1065177	RIF1	C/G	02q	C	0.3125	0.254464286	0.178066
rs2290808	LOC441722	G/T	15q	G	0.321428571	0.263636364	0.178123
rs589292	C9orf126	C/T	09q	T	0.241071429	0.299107143	0.178171
rs1048101	ADRA1A	C/T	08p	C	0.401785714	0.46728972	0.178264
rs2638864	MUC19	C/T	12q	C	0.495535714	0.4375	0.178571
rs2588401	MUC19	A/G	12q	G	0.495535714	0.4375	0.178571
rs2638865	MUC19	A/G	12q	G	0.495535714	0.4375	0.178571
rs2638875	MUC19	A/C	12q	C	0.495535714	0.4375	0.178571
rs3732083	GPR1	A/G	02q	G	0.433035714	0.495535714	0.178711
rs4715630	DST	C/T	06p	C	0.243119266	0.300925926	0.178726
rs9362415	ZNF292	A/G	06q	A	0.468468469	0.46875	0.178977
rs9869	DAPL1	A/G	02q	G	0.424107143	0.486607143	0.179172
rs3829765	C14orf37	A/G	14q	G	0.475961538	0.461904762	0.179321
rs2285744	THSD7A	C/G	07p	C	0.463963964	0.399082569	0.179507
rs8023214		C/T	14q	T	0.342342342	0.401785714	0.179556
rs1156525	ZNF214	A/T	11p	A	0.343434343	0.405555556	0.179668
rs2001490	NAT8B	C/G	02p	C	0.424107143	0.366071429	0.179826
rs2278662	RASGEF1C, LOC729618	A/G	05q	A	0.25	0.198198198	0.179974
rs4753069	FAT3	A/G	11q	A	0.15625	0.207207207	0.180068

rs4436524	OR52L1	A/G	11p	A	0.200892857	0.254464286	0.18014
rs3766160	ELA2B	A/G	01p	A	0.274774775	0.21875	0.180213
rs3173833	TMEM176B	A/C	07q	A	0.463302752	0.397321429	0.18024
rs9872691	SLC9A10	C/T	03q	C	0.274774775	0.220720721	0.180268
rs3748085	ANKRD6	C/T	06q	T	0.109090909	0.15	0.180315
rs2588411	MUC19, LOC647546	A/G	12q	G	0.495535714	0.436936937	0.18041
rs427461	ZNF780A	C/G	19q	G	0.129464286	0.174107143	0.180499
rs9257694	OR5U1	C/T	06p	C	0.45945946	0.477272727	0.180992
rs4145748	ITGA1	C/T	05q	T	0.080357143	0.049107143	0.181004
rs492594	G6PC2	C/G	02q	G	0.40625	0.473214286	0.181006
rs2073342	RNASE3	C/G	14q	C	0.254464286	0.309090909	0.18107
rs10761073	OR13D1	C/T	09q	C	0.482142857	0.419642857	0.181076
rs1056836	CYP1B1	C/G	02p	G	0.391891892	0.454954955	0.181179
rs4358188	BPI	A/G	20q	G	0.444954128	0.485981308	0.181358
rs1000411		C/T	20q	T	0.191964286	0.142857143	0.181391
rs410029	LOC729474	C/T	19q	T	0.1	0.063063063	0.181485
rs956748	TAF2	C/T	08q	C	0.102678571	0.066964286	0.181501
rs182844		C/T	05q	C	0.308035714	0.25	0.181566
rs11665978	ZNF85	C/G	19p	C	0.183035714	0.138392857	0.181629
rs7030820	OR13F1	C/T	09q	C	0.463963964	0.401785714	0.181692
rs3783185	CLYBL	C/T	13q	T	0.209821429	0.263636364	0.181719
rs10163657	LOXHD1, LOC647011	C/T	18q	T	0.084821429	0.053571429	0.181756
rs714181	BTBD12	C/T	16p	T	0.058035714	0.09009009	0.181947
rs2664538		A/G	20q	G	0.348214286	0.40625	0.182229
rs3812138	NT5E	C/T	06q	T	0.308035714	0.25	0.182232
rs2764657	LOC729708	A/C	01p	C	0.100917431	0.066964286	0.182246
rs1058219	MYO5A	C/T	15q	T	0.223214286	0.174107143	0.182541
rs1051447	FLJ21511	A/C	04p	C	0.247747748	0.303571429	0.182542
rs3176441	FAM5B	C/T	01q	C	0.252336449	0.306603774	0.182575
rs1044280	KIDINS220	G/T	02p	T	0.196428571	0.25	0.182743
rs7903344		C/T	10q	C	0.481981982	0.45412844	0.182781
rs4371530	NAALADL2	C/T	03q	T	0.236607143	0.290178571	0.182786
rs8337	UBD	C/G	06p	G	0.28125	0.22972973	0.183003
rs7247102		A/G	19p	G	0.278301887	0.219387755	0.18306
rs1063535	MKI67	C/T	10q	C	0.469072165	0.457831325	0.183107
rs6780995	IL17RD	A/G	03p	G	0.315533981	0.257009346	0.183308
rs587404	MACF1	A/G	01p	A	0.247747748	0.303571429	0.183498

rs1065674	NUP133	A/G	01q	G	0.22972973	0.18018018	0.183517
rs7756884		A/G	06q	A	0.288461538	0.228571429	0.183717
rs3804506	EFHC1	A/G	06p	A	0.136363636	0.095454545	0.183841
rs3759871	SPG11	A/G	15q	G	0.432432432	0.495535714	0.1839
rs2736531	OR51M1	A/C	11p	C	0.37037037	0.310679612	0.184201
rs7140044	PARP4	C/T	13q	T	0.218181818	0.174107143	0.184231
rs1715919	MNS1	G/T	15q	G	0.117117117	0.081818182	0.184258
rs2270927	SV2C	C/G	05q	C	0.089285714	0.129464286	0.184287
rs235768	BMP2	A/T	20p	A	0.379464286	0.316964286	0.184375
rs4283998		A/G	07p	A	0.118181818	0.16	0.184463
rs2638863	MUC19	A/C	12q	C	0.495535714	0.436936937	0.184563
rs2287631	MDH1B	A/C	02q	C	0.089285714	0.054054054	0.184912
rs1550116	CENPO	A/G	02p	G	0.111607143	0.151785714	0.184927
rs2442455	IFT88	C/T	13q	T	0.116071429	0.15625	0.18494
rs281608		A/G	16p	A	0.063829787	0.102272727	0.184956
rs6597293	TXNDC5	C/G	06p	C	0.28125	0.339285714	0.184985
rs11783478	RP1L1	C/T	08p	T	0.491071429	0.445945946	0.185492
rs2588402	MUC19	A/G	12q	G	0.495495495	0.4375	0.185572
rs11710339	KIF15	A/T	03p	T	0.232142857	0.185185185	0.185629
rs3989369	MRPL39	A/G	21q	A	0.054054054	0.086363636	0.185744
rs920829	TRPA1	A/G	08q	A	0.075892857	0.113636364	0.185837
rs6661946	HEATR1	C/T	01q	T	0.059090909	0.031531532	0.186046
rs1044856	EPSTI1	A/T	13q	A	0.34375	0.409090909	0.186176
rs1465789	ZNF132	C/T	19q	T	0.468468468	0.46875	0.186275
rs2281891	CYP2C18	A/G	10q	A	0.189189189	0.142857143	0.186327
rs8170	C19orf62	C/T	19p	T	0.220720721	0.171171171	0.186498
rs4767884	PXN	C/T	12q	T	0.263392857	0.209821429	0.186521
rs2015157		G/T	19p	G	0.066964286	0.102678571	0.186552
rs2797491	C10orf18	C/G	10p	G	0.162162162	0.211711712	0.186556
rs10411037		A/G	19q	A	0.214285714	0.160714286	0.186585
rs4349946	TUBB	C/T	08p	T	0.236607143	0.28125	0.186673
rs2305816	SVOPL	A/C	07q	A	0.282407407	0.342857143	0.186768
rs2165627	PTPRB	G/T	12q	G	0.171171171	0.125	0.18682
rs216311	VWF	A/G	12p	A	0.313636364	0.375	0.186894
rs3791983		C/G	02p	C	0.098214286	0.13963964	0.186996
rs3742809	C14orf45	C/T	14q	C	0.148648649	0.198198198	0.187016
rs1886997	MPHOSPH1	A/G	10q	G	0.256756757	0.205357143	0.187142

rs2961161	OR2A14	C/G	07q	C	0.472972973	0.464285714	0.187246
rs10484847	DNAH8	C/T	06p	C	0.243243243	0.193693694	0.187323
rs3178794	FLJ21062	C/T	07q	T	0.4375	0.5	0.187502
rs584367	PLA2G2D	C/T	01p	T	0.348214286	0.410714286	0.187624
rs2184884	C1orf88	G/T	01p	T	0.169642857	0.126126126	0.18805
rs4761943		C/T	12q	T	0.201834862	0.151960784	0.18808
rs11120616	USH2A	A/G	01q	A	0.225225225	0.178571429	0.188101
rs956868	WNK1	A/C	12p	A	0.162162162	0.209821429	0.188266
rs10763815		C/G	10p	G	0.323809524	0.271428571	0.188325
rs2703752		A/C	11q	A	0.383928571	0.446428571	0.188412
rs7974557		A/C	12q	A	0.258928571	0.315315315	0.188439
rs1174658	RGL1, APOBEC4	A/G	01q	G	0.392857143	0.330357143	0.188513
rs3796544	AASDH	C/T	04q	T	0.383928571	0.446428571	0.188575
rs1058768	TINAG	C/T	06p	T	0.382882883	0.322727273	0.188781
rs241778	FLJ40504, LOC729594	A/T	17q	A	0.072072072	0.107142857	0.189203
rs164075	PCDH12	A/C	05q	A	0.482142857	0.454954955	0.18922
rs2013335	KRT78	A/G	12q	A	0.40625	0.46875	0.189375
rs546502	PPFIA1	A/G	11q	A	0.290909091	0.234234234	0.189384
rs2655655	LCA5	C/T	06q	T	0.196261682	0.247663551	0.189417
rs7807731		C/T	07q	C	0.464285714	0.401785714	0.189472
rs12139511	MYSM1	C/T	01p	T	0.433035714	0.375	0.189747
rs4732620	C8orf80	C/T	08p	T	0.405405405	0.464285714	0.189803
rs1909261		C/T	11p	T	0.151785714	0.111607143	0.190399
rs3741822	GPRC5D	A/C	12p	A	0.053571429	0.085585586	0.190461
rs1791351		C/G	18q	G	0.309090909	0.254464286	0.190725
rs11084161	ZNF534	A/C	19q	C	0.067567568	0.040178571	0.19107
rs2000813	LIPG	C/T	18q	T	0.257142857	0.319444444	0.191078
rs9356630		C/T	06q	T	0.063636364	0.031818182	0.191334
rs3740199	ADAM12	C/G	10q	C	0.495535714	0.436936937	0.191495
rs584144		C/T	11q	T	0.324324324	0.267857143	0.191526
rs829864		C/T	12q	C	0.482142857	0.419642857	0.191729
rs9640663	PTPN12	A/G	07q	G	0.363636364	0.423423423	0.191761
rs10446759		C/T	04q	C	0.415178571	0.477272727	0.19177
rs6464465	LOC93432	C/G	07q	G	0.321428571	0.381818182	0.191777
rs2070745	FPR1	C/G	19q	C	0.372727273	0.436363636	0.191821
rs1329957	OR1Q1	C/T	09q	T	0.075892857	0.111607143	0.191936
rs2524383	EMR2	C/G	19p	C	0.267857143	0.225225225	0.192022

rs7165988	FLJ35695	C/G	15q	G	0.299107143	0.245535714	0.19208
rs11638297		A/C	15q	C	0.318181818	0.261261261	0.192115
rs4677728	CCDC50	A/G	03q	G	0.364864865	0.428571429	0.192209
rs6426616	PLA2G2C	C/T	01p	T	0.369369369	0.434579439	0.192995
rs2305479	GSDML	A/G	17q	A	0.458715596	0.481651376	0.193014
rs238388	SLC35F4	A/C	14q	C	0.357843137	0.430107527	0.193019
rs10793975		A/G	09q	G	0.214285714	0.267857143	0.193259
rs1048328	KLK11	C/T	19q	T	0.089285714	0.058035714	0.19333
rs12592644		C/T	15q	C	0.129807692	0.17961165	0.193597
rs2296303	LAMC2	C/G	01q	G	0.165178571	0.121621622	0.193598
rs2295879	TACC2	A/G	10q	A	0.328828829	0.27027027	0.193894
rs3849746		A/T	05q	A	0.321428571	0.379464286	0.194012
rs383362	LOC729251	G/T	16q	G	0.436936937	0.495535714	0.194114
rs3811633	MERTK	A/G	02q	A	0.330357143	0.267857143	0.19413
rs3134295	WDSOF1, SLC25A32	A/C	08q	C	0.433035714	0.495495496	0.194154
rs2791494	CLCA1	A/G	01p	A	0.196428571	0.151785714	0.194163
rs2057413	SETDB2	A/G	13q	G	0.269230769	0.331730769	0.194371
rs1891460	FLJ32569, LOC651713	A/G	01q	A	0.061320755	0.102941176	0.194575
rs10828317	PIP4K2A	C/T	10p	C	0.310810811	0.256756757	0.194824
rs662515	MPPE1	C/G	18p	G	0.27027027	0.327272727	0.194845
rs2232918	ZBED5	C/T	11p	T	0.089285714	0.058035714	0.194942
rs11730882		A/G	04q	A	0.45045045	0.391891892	0.195143
rs311685	DDX43	C/T	06q	T	0.424107143	0.486607143	0.195161
rs311686	DDX43	C/T	06q	T	0.424107143	0.486607143	0.195161
rs7924390		A/C	11p	A	0.321428571	0.263392857	0.195302
rs6578563		A/T	11p	T	0.321428571	0.263392857	0.195302
rs548150		A/G	11q	G	0.342342342	0.403669725	0.195469
rs2242653	C6orf21	C/T	06p	T	0.116071429	0.15625	0.195541
rs3737242	C9orf24	A/G	09p	A	0.234234234	0.1875	0.195705
rs1974777	GEMIN5	A/G	05q	G	0.138392857	0.098214286	0.196202
rs2304027		A/G	05q	A	0.446428571	0.491071429	0.196319
rs3009004		C/G	03p	G	0.30733945	0.263888889	0.196324
rs6507992	C18orf24	A/G	18q	G	0.378378378	0.441441441	0.196389
rs1366258	ZNF534	A/C	19q	A	0.050458716	0.027027027	0.19639
rs298109	KRT75	A/G	12q	A	0.357142857	0.415178571	0.196494
rs11161812		A/G	01p	A	0.303571429	0.36036036	0.196751
rs5361	SELE	A/C	01q	C	0.09375	0.133928571	0.196871

rs11084162	ZNF534	A/G	19q	A	0.066964286	0.040178571	0.197192
rs1881421	ALK	C/G	02p	G	0.382882883	0.327272727	0.197307
rs2341432	OR52B6	A/T	11p	A	0.486607143	0.450892857	0.197309
rs9658625	SOAT2	A/G	12q	G	0.054545455	0.084821429	0.197513
rs7133666	PIK3C2G	A/C	12p	A	0.085585586	0.054545454	0.19753
rs3429	IFT74	A/G	09p	A	0.142857143	0.103603604	0.198086
rs3737859	LCE2B	A/C	01q	C	0.081081081	0.117117117	0.198565
rs2239359	FANCA	C/T	16q	T	0.351351351	0.410714286	0.19896
rs3820059	C1orf114	A/G	01q	A	0.279279279	0.331818182	0.199
rs1801376	BUB1B	A/G	15q	G	0.316964286	0.263392857	0.199203
rs7373165	LMLN	G/T	03q	T	0.125	0.089285714	0.199344
rs3805436	MATR3	A/C	05q	C	0.267857143	0.321428571	0.19939
rs3826919		A/G	19q	G	0.094594595	0.133928571	0.199529
rs2290610	IL5RA	A/G	03p	G	0.409090909	0.355855856	0.19962
rs2243527	LGALS8	C/T	01q	C	0.26635514	0.319444444	0.199648
rs8099021	MYOM1	C/G	18p	C	0.276785714	0.328703704	0.200002
rs3745060	ST8SIA3	A/C	18q	C	0.169642857	0.126126126	0.200378
rs7129085	INCENP	G/T	11q	G	0.375	0.315315315	0.200425
rs976714	PCLO	C/T	07q	T	0.400900901	0.337837838	0.200431
rs1045454	BET1L	C/T	11p	T	0.288288288	0.234234234	0.200588
rs6768523	SLC9A10	C/T	03q	C	0.272321429	0.220720721	0.200781
rs10083205	MUC19, LOC730517	A/G	12q	G	0.129464286	0.171171171	0.200817
rs1211554	EXOC2, HUS1B	A/C	06p	C	0.086363636	0.125	0.200934
rs7256487		C/T	19p	T	0.369369369	0.309090909	0.201153
rs4714759	TMEM63B	A/G	06p	A	0.075892857	0.112612613	0.201241
rs11548	GPX3, TNIP1	C/T	05q	T	0.053571429	0.084821429	0.20152
rs762063	GPR137C	A/G	14q	G	0.481981982	0.45412844	0.201566
rs150857	CARKL	C/T	17p	T	0.111607143	0.075892857	0.201712
rs9383921	RAET1E	C/T	06q	T	0.392523365	0.45412844	0.20185
rs2185724	KIAA1462	C/T	10p	C	0.424107143	0.364864865	0.202106
rs957680	GFM2	A/G	05q	G	0.116071429	0.157657658	0.202238
rs11568454		A/G	17q	G	0.36036036	0.304545455	0.20258
rs1864312	CRISP3	A/C	06p	A	0.400900901	0.464285714	0.202741
rs2086310	ADAMTS16	C/G	05p	G	0.168181818	0.214285714	0.203069
rs2071888	TAPBP	C/G	06p	C	0.495535714	0.446428571	0.203233
rs4084699	LOC284288	A/T	18q	T	0.068181818	0.101851852	0.203453
rs3828855	BYSL	A/G	06p	A	0.09375	0.131818182	0.203685

rs12192461		A/G	06q	A	0.223214286	0.175675676	0.203739
rs952825		A/T	07q	A	0.27027027	0.325892857	0.203873
rs9972951	ARSG	A/G	17q	A	0.068627451	0.102941176	0.203879
rs303061	C6orf218	A/G	06p	G	0.227678571	0.28125	0.203914
rs276937	DSC3	A/T	18q	A	0.263392857	0.315315315	0.203977
rs1970911	CCDC88C	A/G	14q	A	0.148648649	0.191964286	0.203983
rs2227956	HSPA1L	C/T	06p	C	0.1875	0.142857143	0.204041
rs848209	SPEN	C/T	01p	T	0.388392857	0.450892857	0.204227
rs2486188	PDPN	C/G	01p	G	0.0625	0.036363636	0.20443
rs3132453	BAT2	A/C	06p	A	0.086363636	0.058035714	0.204441
rs3130267	MYL8P, LOC642076	G/T	06p	T	0.491071429	0.450892857	0.204452
rs10191506		A/G	02p	G	0.445945946	0.491071429	0.20446
rs712701	PAX4	A/C	07q	A	0.203703704	0.155963303	0.204494
rs11192036	C10orf80	A/T	10q	A	0.267857143	0.21875	0.204517
rs2001821	RNPEPL1	C/T	02q	T	0.339285714	0.28125	0.204583
rs3732410	GOLGB1	A/G	03q	G	0.227678571	0.28125	0.204621
rs6679056	OR10R2	A/G	01q	A	0.486486486	0.428571429	0.204666
rs2302340	INMT	A/G	07p	G	0.395454546	0.450892857	0.204925
rs9809384	SLC9A10	C/T	03q	T	0.339285714	0.395454546	0.204964
rs7718054	FAT2	C/T	05q	T	0.155660377	0.107843137	0.205107
rs710174		A/G	22q	A	0.330275229	0.386363636	0.205182
rs4567069		A/G	08q	G	0.357142857	0.409090909	0.205784
rs2270915	NPR3	A/G	05p	G	0.212264151	0.16	0.205964
rs12583104	LOC643677	A/G	13q	G	0.243243243	0.193693694	0.206096
rs3136820		G/T	14q	G	0.433035714	0.491071429	0.206293
rs198844	HIST1H1T	C/G	06p	C	0.424107143	0.481981982	0.206412
rs3810206	GTPBP3	C/T	19p	T	0.222727273	0.276785714	0.206426
rs11876055		C/T	18q	T	0.113636364	0.079439252	0.206472
rs4494160	CLCC1, FNDC7	A/G	01p	A	0.348214286	0.290178571	0.206485
rs2280084	NUP210	G/T	03p	G	0.427927928	0.369369369	0.206491
rs11632637	LOC644192	C/G	15q	G	0.334821429	0.28125	0.206507
rs1052325	C4orf22	A/G	04q	G	0.166666667	0.21559633	0.206618
rs2505861	CCNYL2	C/T	10q	C	0.31981982	0.375	0.206695
rs1800057	ATM	C/G	11q	G	0.074074074	0.04587156	0.206771
rs37369	AGXT2	C/T	05p	T	0.084821429	0.053571429	0.206803
rs2279371		C/T	18q	T	0.054054054	0.084821429	0.206879
rs1469122	C16orf61	C/T	16q	T	0.285714286	0.232142857	0.20695



rs2296968	SOHLH2	C/T	13q	T	0.174528302	0.222772277	0.206991
rs10843438	OVCH1	A/G	12p	A	0.459821429	0.482142857	0.207428
rs1714987	ACACA, C17orf78	C/G	17q	G	0.178571429	0.227678571	0.207439
rs1805002	CCKBR	A/G	11p	A	0.058035714	0.09009009	0.207444
rs2282537	POU2F3	C/T	11q	T	0.174107143	0.133027523	0.20746
rs2001078		C/T	22q	T	0.192660551	0.148648649	0.207504
rs4728329	AKR1B10	A/G	07q	A	0.072072072	0.103603604	0.207604
rs1062465	MPHOSPH1	A/T	10q	A	0.254464286	0.205357143	0.207851
rs3749971	OR12D3	C/T	06p	T	0.085	0.120879121	0.207863
rs12573841	DNAJC9	A/G	10q	A	0.066964286	0.040178571	0.207928
rs745143	C17orf80	A/G	17q	A	0.473214286	0.413636364	0.207957
rs2455069	CD33	A/G	19q	G	0.397321429	0.455357143	0.208073
rs1026128	COG1	A/G	17q	A	0.481981982	0.422018349	0.208488
rs2286430	DKFZp762E1312	A/G	02q	A	0.477678571	0.464285714	0.208578
rs678892	PIGB	G/T	15q	T	0.308035714	0.361607143	0.208605
rs2304177	C19orf33, YIF1B, LOC541469	A/G	19q	A	0.114678899	0.15625	0.208652
rs484373	FGL1	C/T	08p	C	0.254464286	0.205357143	0.208655
rs3825801	MYO5C	A/G	15q	A	0.071428571	0.107142857	0.208672
rs2319850	FLJ31033	C/T	04q	T	0.0625	0.035714286	0.208747
rs7927539		C/T	11p	T	0.31981982	0.263392857	0.20876
rs11896729	UNC50	C/T	02q	C	0.293577982	0.241071429	0.208834
rs9268384	C6orf10	A/G	06p	G	0.436936937	0.379464286	0.209128
rs9974333	SH3BGR	C/T	21q	T	0.491071429	0.450892857	0.209338
rs9548509	FREM2	C/T	13q	C	0.316964286	0.267857143	0.209417
rs1792395		A/G	11q	A	0.46875	0.473214286	0.209553
rs650073		G/T	05p	T	0.068181818	0.103603604	0.209605
rs1043307	PSMD9	A/G	12q	G	0.261261261	0.316964286	0.209943
rs12026290	PHC2	C/T	01p	T	0.178571429	0.223214286	0.210024
rs2282632	ASXL3	C/T	18q	T	0.486363636	0.450450451	0.210048
rs7193871		C/G	16p	G	0.327272727	0.388392857	0.210641
rs2228529	ERCC6	A/G	10q	G	0.25	0.2	0.210852
rs1063479	PLEK	A/G	02p	G	0.316037736	0.257575758	0.211146
rs1805165	EIF2AK3	G/T	02p	G	0.272321429	0.325892857	0.211149
rs6934603	GJB7	A/G	06q	A	0.473214286	0.468468468	0.211418
rs3746405	PPP4R1L	C/T	20q	T	0.450892857	0.388392857	0.211993
rs9924530	PKD1L2	A/G	16q	A	0.382882883	0.330357143	0.212422

rs3024477	F13A1	A/T	06p	T	0.052380952	0.027272727	0.212575
rs16885	ATXN1	C/T	06p	T	0.162162162	0.211711712	0.212741
rs855314	PGM1	C/T	01p	C	0.175675676	0.130630631	0.21295
rs4501959	OR52L1	C/T	11p	T	0.148648649	0.191964286	0.212974
rs11088262	ATP5O	A/G	21q	G	0.114678899	0.078703704	0.213014
rs3131085	LOC646260	A/G	06p	A	0.0625	0.09375	0.213109
rs30489	TCF7	C/T	05q	T	0.102678571	0.071428571	0.213362
rs11784192		C/T	08q	T	0.183035714	0.138392857	0.213377
rs9835485	ZNF167	A/G	03p	G	0.263392857	0.223214286	0.213385
rs1812152	FLJ40869	A/T	02p	T	0.35046729	0.41	0.213505
rs1801212	WFS1	A/G	04p	G	0.31981982	0.267857143	0.213582
rs2657879	GLS2	C/T	12q	C	0.236607143	0.1875	0.213674
rs11739983		A/G	05q	A	0.205357143	0.254464286	0.213816
rs2274907	ITLN1	A/T	01q	A	0.316964286	0.263392857	0.213868
rs2288210	NEB	C/G	02q	C	0.373873874	0.31981982	0.214198
rs930047	CPLX2	C/G	05q	G	0.463963964	0.401785714	0.214231
rs236110	MCM8	G/T	20p	T	0.121621622	0.084821429	0.21431
rs2177336	MUC4	C/T	03q	T	0.174107143	0.133928571	0.214351
rs2076371	SLC16A8	A/G	22q	A	0.245454545	0.293577982	0.214474
rs3741367	CD248	C/T	11q	C	0.477678571	0.419642857	0.214573
rs10764749	MKI67	C/T	10q	T	0.272321429	0.330357143	0.214804
rs2071496	MKI67	C/G	10q	G	0.272321429	0.330357143	0.214804
rs1868024	MOGAT1	C/T	02q	C	0.209821429	0.263392857	0.214825
rs262993	YEATS2	C/T	03q	T	0.452830189	0.393518519	0.215037
rs2877	PCLO	C/G	07q	C	0.348214286	0.294642857	0.215364
rs10513155	DNAH5	A/C	05p	A	0.308035714	0.258928571	0.215403
rs550510	CALCOCO2	A/G	17q	A	0.147321429	0.108108108	0.215417
rs1039808		A/G	04q	A	0.397321429	0.455357143	0.215421
rs904763	AP1G1	A/C	16q	A	0.232142857	0.184684685	0.215458
rs2838012	FAM3B	A/G	21q	A	0.067307692	0.101851852	0.215471
rs10839635	OR10A4	A/G	11p	A	0.21875	0.267857143	0.215531
rs17563	BMP4	C/T	14q	T	0.459821429	0.486607143	0.215543
rs2069556	TG	A/G	08q	A	0.414414414	0.357142857	0.216037
rs1055577	USH1C	C/T	11p	T	0.473214286	0.46875	0.216272
rs2278420	ZNF350	A/G	19q	G	0.1875	0.236607143	0.216978
rs10951956	FBXL18	A/G	07p	A	0.142857143	0.107142857	0.217009
rs11630197	DKFZp666G057	C/T	15q	C	0.294642857	0.243243243	0.217177

rs2528693	LAMB4	C/G	07q	G	0.072072072	0.045454546	0.217485
rs2275824	KIAA0562	A/T	01p	A	0.414414414	0.46875	0.217598
rs2282542	CEP192	A/G	18p	A	0.157657658	0.116071429	0.217774
rs2799163		A/G	09p	G	0.288288288	0.340909091	0.217866
rs11607	MBTPS1	A/G	16q	A	0.427927928	0.369369369	0.218059
rs167437	C14orf135	C/T	14q	T	0.169642857	0.129464286	0.218168
rs799193	ZNF441	C/T	19p	C	0.258928571	0.209821429	0.218236
rs9987240		C/T	08p	T	0.292792793	0.241071429	0.218323
rs1059520	HLA-A, HLA-A29.1	A/G	06p	A	0.266666667	0.306603774	0.218351
rs3213542	ASCC3	C/T	06q	T	0.0625	0.035714286	0.218466
rs3751325	XRCC6BP1	A/T	12q	A	0.288288288	0.34375	0.21902
rs3735319	ZNF777	C/T	07q	T	0.495535714	0.4375	0.219277
rs11802875	NUF2	C/T	01q	T	0.160714286	0.209821429	0.219319
rs3801369		C/T	07p	C	0.361607143	0.419642857	0.219378
rs1127497		A/G	20q	A	0.241071429	0.196428571	0.219424
rs2298437	KRTAP19-4	C/T	21q	T	0.47706422	0.424528302	0.219614
rs8971	GART	A/G	21q	G	0.183035714	0.227678571	0.219732
rs77806	SPTB	A/G	14q	G	0.310810811	0.258928571	0.219804
rs1403811	OR13F1	C/T	09q	C	0.321428571	0.267857143	0.219864
rs2217652	ZNF177	A/G	19p	G	0.410714286	0.354545455	0.219874
rs3816780	ATAD5	C/T	17q	T	0.101010101	0.14	0.219972
rs10747556	CCDC65	A/G	12q	G	0.351351351	0.408256881	0.220041
rs1800209	CLN5	A/G	13q	G	0.099099099	0.065420561	0.220274
rs6708949	SLC9A4	C/G	02q	G	0.1875	0.232142857	0.22028
rs972925	OR1Q1	C/T	09q	T	0.165178571	0.209821429	0.220317
rs153478	GM2A	A/G	05q	A	0.34375	0.401785714	0.220409
rs11211247	MAST2	G/T	01p	T	0.225225225	0.276785714	0.220893
rs757027		A/C	22q	C	0.464285714	0.40990991	0.220927
rs11858145	FMN1	A/C	15q	C	0.364864865	0.3125	0.220999
rs4501364		A/T	05p	A	0.359813084	0.314814815	0.221037
rs267745	DUSP27	C/G	01q	C	0.495535714	0.4375	0.221196
rs2727015	hCG_1990491, LOC652438	A/C	11p	C	0.354545455	0.410714286	0.221206
rs2070180	HCLS1	A/G	03q	A	0.308035714	0.254464286	0.22135
rs11215158	FAM55B	C/T	11q	C	0.151785714	0.111607143	0.221434
rs203462	AKAP10	A/G	17p	G	0.392857143	0.334821429	0.221731
rs1053079	TMEM70	C/T	08q	C	0.159793814	0.212643678	0.22183
rs1628576	EPS8L1	C/G	19q	C	0.191964286	0.236607143	0.221898

rs11208997	C1orf141	C/T	01p	C	0.159090909	0.120535714	0.222105	
rs5743810	TLR6	C/T	04p	T	0.423423423	0.361607143	0.222416	
rs2302443	NOM1	C/G	07q	C	0.486607143	0.455357143	0.222979	
rs310791	E2F7	A/G	12q	A	0.120535714	0.085585586	0.223	
rs757660	SEC14L2	A/G	22q	A	0.348214286	0.297297297	0.223001	
rs7135194	FGD6	C/T	12q	C	0.294642857	0.346846847	0.22317	
rs2227278	ZBTB32	A/C	19q	C	0.089285714	0.059090909	0.223271	
rs2455230	IQGAP2	C/G	05q	G	0.337837838	0.392857143	0.22363	
rs11128668		A/G	03p	A	0.214285714	0.263392857	0.223907	
rs11050283	LOC731039	A/G	12p	A	0.390909091	0.339285714	0.224016	
rs6138482	VSX1	C/T	20p	T	0.227678571	0.183035714	0.224154	
rs11229651	GLYATL2	C/T	11q	T	0.160714286	0.205357143	0.224227	
rs2227168	APOL4	C/T	22q	C	0.477678571	0.464285714	0.224254	
rs7289	CENPF	C/G	01q	G	0.412844037	0.470588235	0.224303	
rs2933362	MUC19, LOC647546	A/G	12q	A		0.5	0.436936937	0.224442
rs634710	GOLGA1	C/T	09q	T		0.40625	0.464285714	0.224513
rs509749	LY9	A/G	01q	G	0.463636364	0.40990991	0.224589	
rs3747579	CORO7	C/T	16p	C	0.285714286	0.232142857	0.224717	
rs11142587	TRPM3	C/T	09q	C	0.209821429	0.165178571	0.224723	
rs12919	NOM1	C/T	07q	C	0.486486487	0.455357143	0.225064	
rs6133	SELP	G/T	01q	T	0.116071429	0.15625	0.225075	
rs2518112	FSD1L	G/T	09q	T	0.386363636	0.330357143	0.225087	
rs9808232	ROCK2	G/T	02p	T	0.468468468	0.477477478	0.225105	
rs2190997	DPP6	A/C	07q	C	0.410714286	0.46875	0.225124	
rs897416	KRT38	C/T	17q	T	0.121621622	0.085585586	0.225169	
rs11670246	ZNF85	C/T	19p	C	0.178571429	0.138392857	0.22518	
rs1049434	SLC16A1	A/T	01p	T	0.455357143	0.397321429	0.22528	
rs4986850	BRCA1	A/G	17q	A	0.085585586	0.054545454	0.225611	
rs3765968	CA6	A/C	01p	A	0.370535714	0.428571429	0.225812	
rs11018879	NAALAD2	A/G	11q	A	0.050458716	0.027027027	0.225973	
rs3802526	MASTL	C/G	10p	C	0.069148936	0.102150538	0.226067	
rs4259295		G/T	07q	G	0.360576923	0.29787234	0.226073	
rs307658	UBAP2	A/G	09p	G	0.423423423	0.366071429	0.226187	
rs3206801		A/C	06p	A	0.344036697	0.399082569	0.226237	
rs7180888		C/T	15q	T	0.477678571	0.46875	0.226242	
rs4815025	C20orf19	C/G	20p	C	0.276785714	0.330357143	0.226355	
rs11780	C20orf119	A/G	20q	G	0.392857143	0.337837838	0.226472	

rs4911494	UQCC	C/T	20q	C	0.339285714	0.392857143	0.22686
rs4802605	SLC17A7, LOC645971	C/T	19q	T	0.276785714	0.227678571	0.226899
rs497387		C/T	03p	T	0.47706422	0.419047619	0.22693
rs4239529	ZNF224	A/T	19q	A	0.09009009	0.126126126	0.227005
rs12489170	PARP15	A/G	03q	A	0.133928571	0.174107143	0.227097
rs3732782	ZNF80	A/C	03q	A	0.321428571	0.375	0.227344
rs471220		C/T	06p	T	0.183962264	0.138613861	0.227497
rs6824513		C/T	04q	C	0.396396396	0.339285714	0.227544
rs2688516		A/G	03q	G	0.174107143	0.135135135	0.2277
rs1040461	RAB23	C/T	06p	T	0.058035714	0.089285714	0.227764
rs9503893	PRPF4B	A/G	06p	A	0.304545454	0.357142857	0.228007
rs7990383	COL4A2	A/G	13q	G	0.346846847	0.398148148	0.228029
rs2073711	CILP	C/T	15q	T	0.40625	0.352678571	0.228066
rs4478844	OR2L13, OR2AK2	A/G	01q	G	0.396396396	0.339285714	0.228281
rs11018769	LOC120126, LOC730436	C/G	11q	G	0.162162162	0.125	0.2286
rs7610425	C3orf16	C/T	03q	C	0.397321429	0.455357143	0.228739
rs4705336	PCYOX1L	C/G	05q	C	0.183035714	0.142857143	0.228805
rs30168	DNAH5	A/G	05p	G	0.454545454	0.491071429	0.228836
rs6950119	JHDM1D	G/T	07q	T	0.352678571	0.299107143	0.22919
rs2228527	ERCC6	A/G	10q	G	0.25	0.202702703	0.229268
rs11126472	TMEM166	C/T	02p	T	0.075892857	0.049107143	0.229342
rs6118970		A/C	20q	A	0.209821429	0.25	0.229416
rs7698598	SYNPO2	A/G	04q	A	0.094594595	0.130630631	0.229669
rs2074071	ZNF419	A/G	19q	A	0.299107143	0.354545454	0.229671
rs231331		C/T	04p	T	0.183035714	0.227678571	0.22974
rs6696455	TNN	C/T	01q	C	0.419642857	0.364864865	0.230098
rs2296916	BYSL	A/G	06p	A	0.09375	0.129464286	0.230398
rs1342440	C8A	C/G	01p	G	0.053571429	0.031531532	0.230506
rs11656487		C/G	17p	C	0.379464286	0.436936937	0.230562
rs2273697	ABCC2	A/G	10q	A	0.223214286	0.178571429	0.230642
rs709683	KIAA0090	C/G	01p	G	0.323809524	0.261261261	0.231047
rs1045644	COCH	C/G	14q	C	0.352678571	0.40625	0.23109
rs8073787	USP6	C/T	17p	T	0.482142857	0.428571429	0.231308
rs9908414	ZNF594	A/G	17p	G	0.482142857	0.428571429	0.231308
rs3777513		C/G	06q	G	0.40625	0.463636364	0.231374
rs4804079	MGC33407	G/T	19p	G	0.481818182	0.464285714	0.231393
rs12507582	FLJ31033	C/T	04q	T	0.383928571	0.330357143	0.231709

rs194524	STEAP2	A/G	07q	A	0.482142857	0.459821429	0.231843
rs1510068	KRT40	C/T	17q	T	0.274774775	0.328828829	0.232097
rs1820965	TAF1B	A/C	02p	C	0.263392857	0.316964286	0.232124
rs9370096	PKHD1	A/G	06p	G	0.459821429	0.481651376	0.232136
rs2444257	RIF1	A/T	02q	T	0.306306306	0.254464286	0.232145
rs2267808	AMPH	C/T	07p	C	0.160714286	0.120535714	0.232384
rs3848666	PRODH2	C/G	19q	C	0.111111111	0.14953271	0.232412
rs16027	CACNA1A	A/G	19p	A	0.085585586	0.120535714	0.232819
rs867529	EIF2AK3	C/G	02p	C	0.265765766	0.316964286	0.23302
rs4820853	SEC14L3	A/G	22q	G	0.34375	0.290909091	0.233486
rs1997660	PGBD1	C/T	06p	C	0.315315315	0.369369369	0.23364
rs11697430	LOC728902	A/G	20q	G	0.071428571	0.044642857	0.23386
rs7453944	NMBR	G/T	06q	T	0.066964286	0.040178571	0.234663
rs6517105		C/T	21q	C	0.205357143	0.165178571	0.234785
rs1805082	NPC1	A/G	18q	G	0.486363636	0.454954955	0.234823
rs3740427	hCG_1795091	A/G	10q	A	0.147619048	0.189320388	0.235172
rs2429060		A/G	01p	A	0.31981982	0.370535714	0.235385
rs1510069	KRT40	C/T	17q	C	0.272321429	0.325892857	0.235555
rs3764633	CCDC123	A/G	19q	A	0.216216216	0.169642857	0.23588
rs14115	UCRC	A/G	22q	G	0.071428571	0.045045045	0.236016
rs8027765	ISG20L1	A/G	15q	A	0.09375	0.0625	0.236026
rs2098386	CEBPZ	A/G	02p	G	0.166666667	0.125	0.236171
rs838759	LOC340900	A/G	10p	A	0.27027027	0.218181818	0.23628
rs560505	C6orf10	C/T	06p	C	0.428571429	0.375	0.236709
rs2515960	NOL14	C/T	04p	C	0.464285714	0.40625	0.236753
rs2290272	SLC28A1	C/T	15q	T	0.337837838	0.392857143	0.237025
rs6468601		C/T	08q	T	0.102678571	0.142857143	0.237044
rs3740909	CDON	C/T	11q	T	0.068181818	0.1	0.23706
rs3810950	CHAT	A/G	10q	A	0.209090909	0.256756757	0.237291
rs11073619	WDR73	C/T	15q	T	0.084821429	0.119266055	0.237502
rs2403569		A/C	11p	C	0.459821429	0.401785714	0.237544
rs11249602	ZFP2	C/T	05q	T	0.071428571	0.102678571	0.237615
rs194520	STEAP2	G/T	07q	G	0.473214286	0.46875	0.237688
rs3204145	IKBKAP	A/T	09q	A	0.213541667	0.17	0.238088
rs2297241	ZC3HAV1	C/G	07q	C	0.135135135	0.172727273	0.238698
rs1216183	CNTN5	A/T	11q	T	0.102678571	0.138392857	0.238799
rs1131471		A/C	01q	A	0.455357143	0.486607143	0.238898

rs1557466		A/G	11q	G	0.21875	0.265765766	0.23893
rs4726452	LOC401410	C/G	07q	C	0.355855856	0.304545454	0.239403
rs3184504	SH2B3	C/T	12q	C	0.495454546	0.444954128	0.239464
rs9250	SENP6	A/G	06q	G	0.277227723	0.326530612	0.239593
rs9481410	C6orf167	A/G	06q	G	0.226851852	0.278301887	0.239746
rs2489720	CCNYL2	C/T	10q	T	0.316964286	0.368181818	0.239834
rs6743376	IL1F10	A/C	02q	C	0.26344086	0.32	0.240002
rs9319962		G/T	18q	T	0.135135135	0.098214286	0.240047
rs7249755	LOC388503	C/T	19p	C	0.147321429	0.111607143	0.240687
rs2303920	GRHL1	A/G	02p	A	0.216981132	0.172897196	0.24085
rs9268368	C6orf10	C/T	06p	C	0.433035714	0.379464286	0.240955
rs1033500	C6orf10	C/T	06p	T	0.433035714	0.379464286	0.240955
rs7228940	CEP192	A/G	18p	A	0.153153153	0.113636364	0.241411
rs3803981	RIN2	A/T	20p	A	0.162162162	0.205607477	0.241471
rs853684	ZNF323	A/G	06p	G	0.346846847	0.400900901	0.24149
rs11155297	FUCA2	G/T	06q	T	0.263636364	0.214285714	0.241504
rs634858		G/T	05p	G	0.165178571	0.209821429	0.241521
rs10997975	MYPN	A/G	10q	A	0.44	0.495049505	0.241786
rs11672918		C/T	19p	T	0.172727273	0.217592593	0.241969
rs4988956	IL1RL1	A/G	02q	A	0.396396396	0.340909091	0.242193
rs4358434	LOC391656	C/T	04q	C	0.357142857	0.299107143	0.242256
rs3809140	LOC729204	C/T	12p	T	0.21875	0.265765766	0.242438
rs2532500	TAPBPL	C/T	12p	T	0.325892857	0.375	0.242446
rs6847454		A/T	04q	T	0.403669725	0.458715596	0.24245
rs2236547	C9orf66	A/G	09p	A	0.190721649	0.141414141	0.242815
rs10805933		A/T	05q	T	0.28125	0.232142857	0.242864
rs1909260		A/G	11p	A	0.153153153	0.116071429	0.242996
rs1864372	hCG_38984	A/G	04q	G	0.107142857	0.076576577	0.243173
rs9630218		C/T	11q	T	0.357142857	0.40990991	0.243243
rs680110		A/G	03p	A	0.482142857	0.428571429	0.243409
rs2074059	ZNF772	A/T	19q	T	0.352678571	0.40625	0.243508
rs4936880	OR10G4	A/G	11q	G	0.439814815	0.495454546	0.243573
rs571391	IMPG2	A/G	03q	G	0.414414414	0.36036036	0.243823
rs9771165		C/G	07p	G	0.169642857	0.214285714	0.243923
rs710446	KNG1	A/G	03q	G	0.450450451	0.396396396	0.243953
rs1792120	SORL1	A/G	11q	G	0.115	0.153061225	0.244006
rs513873	OR9G4	A/G	11q	G	0.330275229	0.281818182	0.244275

rs679899	APOB	A/G	02p	A	0.419642857	0.473214286	0.244621
rs12632942	SCN10A	A/G	03p	G	0.238738739	0.191964286	0.244689
rs658845		C/T	11q	T	0.26	0.210784314	0.244739
rs247897	ATP2C2	A/T	16q	A	0.361607143	0.414414414	0.244966
rs2532924	LOC646570	A/G	06p	A	0.459821429	0.400900901	0.2452
rs1233428	ZNF233	A/C	19q	A	0.326530612	0.38	0.245206
rs10846559	DNAH10	A/G	12q	A	0.414414414	0.359090909	0.245301
rs1808231	ZNF767	C/T	07q	T	0.342342342	0.304545455	0.245329
rs9685931	GPR78	A/G	04p	A	0.095454545	0.129464286	0.24559
rs2241714	B9D2	A/G	19q	A	0.346846847	0.294642857	0.245617
rs3784038	C14orf45	A/T	14q	A	0.495535714	0.445945946	0.245682
rs10016702	KIAA1729	A/G	04p	G	0.111607143	0.080357143	0.245702
rs975263	7A5	C/T	07p	T	0.241071429	0.290178571	0.245849
rs11622969	OR6S1	C/T	14q	C	0.5	0.445945946	0.245922
rs12495805	CCDC13	A/T	03p	T	0.147321429	0.1875	0.246075
rs10417922	SLC27A1	C/T	19p	C	0.075892857	0.107142857	0.24617
rs891398	CHRNA2	C/T	08p	C	0.459821429	0.486607143	0.246204
rs9475077	FAM83B	A/C	06p	A	0.142857143	0.184684685	0.246238
rs4934	SERPINA3	A/G	14q	G	0.486363636	0.455357143	0.246239
rs1536207	FLJ32682	G/T	13q	T	0.357142857	0.410714286	0.246409
rs7745023	C6orf170	C/T	06q	T	0.463636364	0.40625	0.246468
rs6923761	GLP1R	A/G	06p	A	0.379464286	0.325892857	0.246837
rs1056445	MTIF2	A/C	02p	C	0.303191489	0.349462366	0.246864
rs9605146	XKR3	A/G	22q	A	0.412621359	0.357142857	0.246955
rs2304456	KNG1	G/T	03q	G	0.09375	0.126126126	0.247053
rs1466684	P2RY13, MED12L	C/T	03q	C	0.129464286	0.166666667	0.2472
rs67179	NEBL	C/T	10p	T	0.348214286	0.401785714	0.247255
rs1127732	PDCD6IP	C/T	03p	T	0.098214286	0.133928571	0.247404
rs3829827		C/T	12p	T	0.160714286	0.121621622	0.247895
rs2279587	ITGA1	C/T	05q	T	0.076576577	0.04954955	0.248165
rs11622794	OR6S1	A/G	14q	G	0.490990991	0.4375	0.248313
rs10826986	RP11-49L2.2	A/G	10p	G	0.116071429	0.153153153	0.248532
rs15786	ATP13A2	A/G	01p	A	0.053571429	0.081081081	0.248586
rs1970921	MST1, RNF123	C/T	01p	T	0.386597938	0.351485149	0.248862
rs7249735		A/C	19q	C	0.258928571	0.308035714	0.248928
rs242017	EFCAB4B	C/T	12p	T	0.321428571	0.272321429	0.248943



rsID	Gene	Alleles	Position	Strand	MAF1	MAF2	MAF3
rs2903616	CALN1, LOC728453, LOC730288	A/G	07q	A	0.290178571	0.34375	0.249177
rs950169	ADAMTSL3	A/G	15q	A	0.322727273	0.272321429	0.249299
rs12453150	SLFN11	A/C	17q	C	0.419642857	0.473214286	0.249389
rs7853994	ANKRD18B	C/T	09p	C	0.21875	0.174107143	0.249439
rs1664081		A/G	11q	A	0.140909091	0.178571429	0.249476
rs1059509	HLA-A, HLA-A29.1	A/C	06p	A	0.331818182	0.366071429	0.249814
rs7262903	VISA	A/C	20p	A	0.147321429	0.1875	0.249861
rs4528317	OVCH2	A/T	11p	T	0.131313131	0.098039216	0.250383
rs1933631	CAPN9	A/C	01q	C	0.288990826	0.339285714	0.250692
rs660833		A/G	05p	A	0.071428571	0.103603604	0.250758
rs9583500	COL4A2	C/T	13q	T	0.259090909	0.21559633	0.250913
rs560096	IGHMBP2	C/T	11q	T	0.147321429	0.184684685	0.25094
rs11035396	OR52E2	A/G	11p	A	0.098130841	0.133333333	0.251166
rs2358355	RP11-49L2.2	A/G	10p	G	0.13963964	0.178571429	0.251173
rs581157	CD300E	G/T	17q	G	0.441964286	0.388392857	0.251228
rs428073	TAOK3	C/T	12q	C	0.274774775	0.325892857	0.251236
rs10839604	GVIN1	C/G	11p	C	0.160714286	0.202702703	0.251749
rs323347	TEX15	A/G	08p	G	0.177272727	0.21875	0.251766
rs768994	RSPH3	C/T	06q	C	0.126126126	0.090909091	0.251797
rs3087210		A/G	01q	A	0.084821429	0.058035714	0.251849
rs1801249	ATP7B	C/T	13q	T	0.427927928	0.376146789	0.252416
rs1799841	CST5	C/T	20p	C	0.424107143	0.370535714	0.252446
rs6180	GHR	A/C	05p	C	0.401785714	0.454954955	0.252449
rs6811863	PTTG2, TBC1D1	C/G	04p	G	0.428571429	0.477477478	0.252753
rs9469	EXOSC8, FAM48A	C/T	13q	T	0.375	0.322727273	0.25279
rs8018720	SEC23A	C/G	14q	G	0.132352941	0.17	0.252791
rs3177663		C/T	16q	C	0.190909091	0.153153153	0.252797
rs9264619		A/G	06p	A	0.322727273	0.274774775	0.253024
rs3803412	DIS3L	C/T	15q	C	0.279279279	0.328828829	0.253049
rs2411837	LINS1	C/G	15q	G	0.45	0.397321429	0.25309
rs2972588	MBD3L1	C/T	19p	C	0.081081081	0.053571429	0.253098
rs2546423	OR2V2	C/T	05q	C	0.446428571	0.495495495	0.253532
rs2274271	DLG7	A/G	14q	A	0.120535714	0.085585586	0.253551
rs399098	ZNF45	A/G	19q	A	0.490196078	0.455	0.253621
rs892261		C/T	13q	T	0.346846847	0.400900901	0.253727
rs903603	MOBK2B	C/T	09p	T	0.473214286	0.419642857	0.253796

rs2152143	MKI67	A/G	10q	A	0.272321429	0.325892857	0.253917
rs1034405	C3orf18	C/T	03p	C	0.116071429	0.084821429	0.254079
rs6670094		A/C	01q	A	0.188073394	0.146788991	0.254302
rs1713480	FLJ11151	A/G	16p	A	0.071428571	0.102678571	0.254323
rs12069239	FBXO42	C/G	01p	C	0.405405405	0.355855856	0.254537
rs2657880	GLS2, SPRYD4	C/G	12q	G	0.235	0.18877551	0.254598
rs7968231	C12orf63	A/G	12q	G	0.131818182	0.169642857	0.254664
rs9627281	LOC150383	A/G	22q	G	0.122727273	0.162162162	0.254709
rs3755652	SLC4A7	C/T	03p	T	0.267857143	0.316964286	0.254725
rs3739407	MTUS1	C/T	08p	T	0.134259259	0.171171171	0.255099
rs4920246	TARBP1	C/T	01q	C	0.297297297	0.25	0.255275
rs4359426	CCL22	A/C	16q	A	0.058035714	0.035714286	0.255375
rs2303063	SPINK5	A/G	05q	G	0.455445545	0.489583333	0.255425
rs2228468	CCBP2	A/C	03p	C	0.398058252	0.451456311	0.255711
rs4242778	tAKR	C/T	10p	T	0.288288288	0.241071429	0.256286
rs3740469	SLK	A/G	10q	A	0.272727273	0.227678571	0.256504
rs9383583	RAET1E	C/T	06q	T	0.147321429	0.1875	0.256539
rs3210400	SCLY	A/G	02q	A	0.45	0.394495413	0.256642
rs3814238	RAP1B	G/T	12q	T	0.223214286	0.18018018	0.256749
rs2425049	FAM83C	C/T	20q	T	0.183035714	0.227678571	0.256844
rs2277441		G/T	13q	T	0.063636364	0.040540541	0.257041
rs1805081	NPC1	A/G	18q	G	0.428571429	0.366666667	0.257232
rs1042381	SDC2	A/T	08q	A	0.175675676	0.21875	0.257276
rs229587	SPTB	C/T	14q	T	0.324074074	0.376190476	0.257426
rs2297603	COL15A1	A/C	09q	A	0.098214286	0.135135135	0.257777
rs3744793	USP36	A/G	17q	A	0.401785714	0.454954955	0.257961
rs6787974		A/G	03p	A	0.120535714	0.15625	0.258448
rs1805388	LIG4	C/T	13q	T	0.166666667	0.129464286	0.258636
rs1535700		C/G	01p	C	0.160714286	0.200892857	0.258847
rs11006128		C/G	10q	C	0.075892857	0.105504587	0.258885
rs3128655	LOC127602	A/T	01q	A	0.116071429	0.080357143	0.259073
rs1683696	TMEM132C	G/T	12q	G	0.464285714	0.481981982	0.259092
rs638929	NEBL	G/T	10p	G	0.348214286	0.400900901	0.260071
rs11583800	ZRANB2	C/G	01p	C	0.117117117	0.084821429	0.260152
rs2286586	MXRA7	C/T	17q	T	0.36036036	0.308035714	0.26016
rs10839632	OR10A2	C/T	11p	C	0.223214286	0.267857143	0.260197
rs3751109	MLPH	A/G	02q	G	0.147321429	0.1875	0.260504

rs1050998	CXCL16	C/T	17p	C	0.468181818	0.412844037	0.260628
rs871545	ZNF295	A/G	21q	G	0.147321429	0.1875	0.26084
rs1007160	SLC7A9	A/C	19q	A	0.378378378	0.325892857	0.261344
rs9664945	VWA2	A/G	10q	A	0.283783784	0.236607143	0.261596
rs1529151	C6orf91	A/G	06q	A	0.339285714	0.288288288	0.261671
rs10410943	MGC33407	A/G	19p	A	0.325892857	0.28125	0.261875
rs7225887	B3GNTL1	C/T	17q	T	0.204545455	0.247747748	0.262009
rs1409986	PTGER3	C/T	01p	T	0.072072072	0.04587156	0.262063
rs2232613	LBP	C/T	20q	T	0.053571429	0.081081081	0.262103
rs1195631		A/C	16q	C	0.292792793	0.245535714	0.262218
rs7210049	RNF157, LOC643159	C/T	17q	T	0.477678571	0.46875	0.262221
rs7696816	C4orf21	C/T	04q	C	0.428571429	0.375	0.262265
rs4926	SERPING1	A/G	11q	A	0.227678571	0.274774775	0.262514
rs2835239	SETD4	C/T	21q	C	0.0625	0.040178571	0.262565
rs9288938	SLC9A10	A/C	03q	A	0.267857143	0.223214286	0.262967
rs2302182	C19orf15	C/T	19q	C	0.125	0.162162162	0.262972
rs2274223	PLCE1	A/G	10q	G	0.351351351	0.303571429	0.2632
rs2272118	LOC401052	C/T	03p	C	0.245535714	0.200892857	0.263323
rs10818708	OR1N1	A/G	09q	A	0.441441441	0.388392857	0.263345
rs2688517		A/G	03q	G	0.171171171	0.135135135	0.263359
rs2273553		A/G	11p	A	0.211711712	0.174107143	0.263426
rs366793	ZNF701	C/T	19q	C	0.315315315	0.268181818	0.263926
rs1129923	DUSP23	A/G	01q	A	0.102678571	0.075892857	0.264239
rs160278	VCAN	A/T	05q	T	0.436936937	0.490990991	0.265122
rs239798	FAM83B	A/C	06p	C	0.142857143	0.183035714	0.265208
rs895497	IL1F6	C/T	02q	T	0.245535714	0.290178571	0.265394
rs6000172	APOL4	A/G	22q	G	0.482142857	0.464285714	0.265464
rs4950400		C/G	01q	G	0.232142857	0.279816514	0.265919
rs913770	C9orf106	A/G	09q	A	0.054054054	0.03271028	0.266018
rs7041	GC	G/T	04q	T	0.4375	0.491071429	0.266103
rs362691	RELN	C/G	07q	C	0.138392857	0.104545454	0.26625
rs3177980	SELL	C/T	01q	C	0.272727273	0.318181818	0.266699
rs11677877	COL4A3	A/G	02q	G	0.080357143	0.053571429	0.266714
rs1014129		C/T	17q	T	0.267857143	0.223214286	0.267062
rs913855		A/C	09q	A	0.080357143	0.113636364	0.267116
rs11168070	ADRB2	C/G	05q	G	0.40625	0.459821429	0.267122
rs2283432	FANCI	C/G	15q	G	0.316964286	0.361607143	0.267177

rs2279105	KIAA1754L	C/T	02q	T	0.370535714	0.321428571	0.267234
rs2532501	TAPBPL	C/T	12p	T	0.328828829	0.375	0.267239
rs3749780	SLC25A2	A/G	05q	A	0.162162162	0.202702703	0.267354
rs2251220	KIAA1549	A/G	07q	A	0.370535714	0.316964286	0.267365
rs2242416	SLC22A7, CRIP3	C/T	06p	T	0.414414414	0.366071429	0.267526
rs12368787	CCDC38	A/C	12q	A	0.111607143	0.148648649	0.26761
rs8050871	ZNF19	C/G	16q	C	0.258928571	0.303571429	0.26767
rs2567707	COL27A1	C/T	09q	T	0.227678571	0.272727273	0.267672
rs4298923	OR5B2	A/G	11q	G	0.433035714	0.486363636	0.267691
rs3817428	ACAN	C/G	15q	C	0.220720721	0.263636364	0.26783
rs681176	TXNL1	A/G	18q	A	0.117117117	0.151785714	0.267958
rs9582626	LOC643677	C/G	13q	C	0.241071429	0.198198198	0.268016
rs1234121	GPR116	A/G	06p	A	0.459090909	0.40625	0.268425
rs942132		C/T	06q	C	0.225225225	0.183035714	0.268544
rs3739915	TTF1	G/T	09q	T	0.058558559	0.036036036	0.268683
rs2058194	SCN4A	C/T	17q	T	0.473214286	0.419642857	0.268933
rs1351419	C4orf35	C/T	04q	C	0.058035714	0.036036036	0.268972
rs11024333	OTOG	A/G	11p	A	0.157657658	0.121621622	0.269192
rs1257095	FAHD2B, LOC648170	A/G	02q	A	0.125	0.09375	0.269305
rs6713162	NEB	A/G	02q	G	0.13963964	0.178571429	0.269355
rs1004970		A/C	22q	A	0.397321429	0.346846847	0.26948
rs2276314	C18orf21	A/G	18q	G	0.151785714	0.191964286	0.269519
rs1573649	HLA-DQB2	C/T	06p	C	0.427927928	0.477272727	0.269588
rs10250905	TXNDC3	C/T	07p	T	0.21875	0.263392857	0.269783
rs2584625	PSMC5, FTSJ3	C/G	17q	C	0.379464286	0.433035714	0.269877
rs2727288	FTSJ3	A/T	17q	A	0.379464286	0.433035714	0.269877
rs7322112	LOC643677	C/T	13q	C	0.243243243	0.200892857	0.27029
rs7843605	TRIM55	A/G	08q	G	0.09009009	0.063063063	0.270406
rs10954696	PCLO	C/T	07q	T	0.392857143	0.339285714	0.270653
rs507879	CASP5	A/G	11q	G	0.441964286	0.388392857	0.270715
rs915183		A/C	20q	A	0.423423423	0.370535714	0.271098
rs7652177	FNDC3B	C/G	03q	C	0.491071429	0.454954955	0.271483
rs6735208	NEB	A/T	02q	T	0.142857143	0.18018018	0.271669
rs3733227	SCD5	C/G	04q	G	0.272321429	0.325892857	0.271685
rs8940	CAV2	C/G	07q	G	0.198198198	0.160714286	0.271786
rs10403787	LOC388503	A/G	19p	A	0.133928571	0.102678571	0.271917
rs386428	LOC341346, LOC645320	A/T	12p	A	0.224770642	0.181818182	0.272281

rs11208084	LOC199897, LOC652444	C/G	01p	G	0.205357143	0.166666667	0.272551
rs1045216	PLEKHA1	A/G	10q	A	0.432432432	0.380733945	0.272681
rs1736924	HLA-F	A/G	06p	G	0.172727273	0.135514019	0.272883
rs2075171		C/T	02p	T	0.236607143	0.197247706	0.273029
rs6778728	IFT80	A/T	03q	A	0.261261261	0.21875	0.273044
rs749670	ZNF646	C/T	16p	C	0.410714286	0.359090909	0.273552
rs316019	SLC22A2	G/T	06q	T	0.142857143	0.108108108	0.273893
rs3843273	QSOX1	C/T	01q	C	0.081081081	0.109090909	0.273941
rs3732378	CX3CR1	A/G	03p	A	0.129464286	0.165178571	0.274022
rs2305799	ACP5	C/T	19p	T	0.154545455	0.120535714	0.274097
rs12339210	DFNB31	C/G	09q	C	0.147321429	0.111607143	0.274379
rs4332350	UBXD5	A/C	01p	A	0.089285714	0.0625	0.275025
rs2072590		G/T	02q	T	0.327272727	0.277777778	0.275386
rs5743509	BPI	C/T	20q	T	0.058558559	0.035714286	0.275442
rs2863095	PEO1, MRPL43	C/T	10q	T	0.165178571	0.126126126	0.275802
rs2484661	C9orf86	A/G	09q	G	0.216216216	0.258928571	0.275823
rs1785506	UBAP2	A/G	09p	G	0.418918919	0.366071429	0.275894
rs3739238	SLC45A4	A/G	08q	A	0.433035714	0.383928571	0.276671
rs7145814	OR5AU1	C/T	14q	T	0.227678571	0.1875	0.276753
rs2052937	GPR113	C/T	02p	C	0.330357143	0.283783784	0.276777
rs9290264	SI	A/C	03q	A	0.3125	0.361607143	0.276843
rs2243639	SFTPD	C/T	10q	T	0.40625	0.355855856	0.276954
rs9530	GUSB	C/T	07q	T	0.477678571	0.422727273	0.276969
rs6761637	MARCO	C/T	02q	C	0.0625	0.040178571	0.277006
rs8187694		A/T	10q	A	0.09009009	0.0625	0.277348
rs10487075	ZNF804B	A/G	07q	A	0.089285714	0.120535714	0.277556
rs7222013	SLC16A6	A/T	17q	T	0.242857143	0.291262136	0.277597
rs1048886	C6orf57	A/G	06q	G	0.199074074	0.160377359	0.277796
rs350229	LOC92017, hCG_1983896	C/T	16p	T	0.116071429	0.084821429	0.277913
rs6784322	FBXW12	A/T	03p	T	0.485294118	0.456730769	0.278261
rs8130507		C/T	21q	T	0.373873874	0.424107143	0.278597
rs10485183	DSE	C/T	06q	T	0.299107143	0.263392857	0.27861
rs1800255	COL3A1	A/G	02q	A	0.252252252	0.295454545	0.278705
rs2029615	MUC19, LOC730512	C/T	12q	C	0.352678571	0.299107143	0.278711
rs4416370		A/G	03p	G	0.227678571	0.272727273	0.278788
rs1050565	BLMH	A/G	17q	G	0.3125	0.361607143	0.278897
rs2236426	ZC3HAV1	C/T	07q	T	0.135135135	0.169642857	0.278915

rs2254067	C10orf18	A/C	10p	A	0.160714286	0.200892857	0.279227
rs6591518		C/T	11q	C	0.089285714	0.120535714	0.279309
rs2259633		A/C	11q	C	0.231818182	0.191964286	0.279478
rs2043289		C/T	19p	T	0.058035714	0.081818182	0.279587
rs960193	OR8K3	A/C	11q	A	0.288288288	0.339285714	0.279704
rs2287749	ADAM19	C/T	05q	T	0.126126126	0.094594595	0.280231
rs7101919	OR52D1	C/T	11p	C	0.258928571	0.306306306	0.280689
rs3745105		C/T	19q	T	0.383928571	0.4375	0.280855
rs7764091	KIAA1244	G/T	06q	G	0.116071429	0.085585586	0.280984
rs3803414	MEGF11	C/T	15q	T	0.0625	0.089285714	0.281143
rs3752536	ARHGAP18	A/G	06q	A	0.114678899	0.148148148	0.281164
rs1830080	ZNF273	C/T	07q	T	0.063636364	0.040178571	0.281246
rs4813043	DEFB128	A/T	20p	T	0.419642857	0.370535714	0.281286
rs10153004	LOC390637	C/T	15q	T	0.18018018	0.142857143	0.28166
rs3735933		A/G	08p	G	0.473214286	0.423423423	0.281768
rs1784423	MMP20	C/T	11q	T	0.447368421	0.494845361	0.281971
rs2641348	ADAM30	C/T	01p	C	0.089285714	0.120535714	0.282044
rs2496253		C/G	01q	G	0.454954955	0.490990991	0.282248
rs2242139		A/G	12q	A	0.45045045	0.401785714	0.282354
rs6761641		A/C	02q	C	0.081081081	0.111607143	0.282407
rs878340		A/G	16p	G	0.410714286	0.361607143	0.282576
rs12186491	SPINK6	A/C	05q	C	0.125	0.094594595	0.28305
rs7196346		A/G	16p	A	0.236607143	0.196428571	0.283222
rs2276568	CAPN13	A/G	02p	G	0.058035714	0.085585586	0.283277
rs2295873	TACC2	C/T	10q	C	0.123853211	0.160550459	0.283296
rs1860967	A2ML1	C/T	12p	T	0.366071429	0.415178571	0.283341
rs4076221	C6orf85	C/T	06p	C	0.101851852	0.073394495	0.283568
rs3117035		A/G	06p	A	0.458333333	0.405660377	0.283611
rs3789044	LRRN2	C/T	01q	T	0.196428571	0.236607143	0.283611
rs6698159	HBXIP	A/G	01p	A	0.123853211	0.090909091	0.283634
rs9826308	CD200R1	A/C	03q	A	0.436936937	0.486607143	0.283663
rs4668909	NAG	C/T	02p	T	0.316964286	0.366071429	0.28415
rs3865452	ADCK4	C/T	19q	T	0.444444444	0.490740741	0.284236
rs245881	CPVL	A/G	07p	A	0.183035714	0.223214286	0.28426
rs436556		A/C	06p	C	0.159090909	0.199074074	0.28446
rs1056787	CENPC1	A/G	04q	A	0.058035714	0.084821429	0.284479
rs10256981		C/G	07p	C	0.441441441	0.495535714	0.28457

rs7975069	ZNF268	C/T	12q	T	0.303571429	0.348214286	0.284653
rs1042714	ADRB2	C/G	05q	G	0.422018349	0.472727273	0.284818
rs1801131	MTHFR	A/C	01p	C	0.288288288	0.337837838	0.284887
rs3733197	BANK1	A/G	04q	A	0.352678571	0.308035714	0.285087
rs2074060	ZNF772	C/G	19q	G	0.357142857	0.40625	0.285166
rs240768	ASCC3	C/T	06q	C	0.058558559	0.035714286	0.285323
rs2075662	COL15A1	A/G	09q	A	0.154545454	0.121495327	0.285929
rs10146906	C14orf121	A/C	14q	A	0.491071429	0.459459459	0.28604
rs1003878	C6orf10	C/T	06p	T	0.205357143	0.245535714	0.286169
rs9514373		C/T	13q	T	0.28125	0.236607143	0.286252
rs699512	BLVRA	A/G	07p	G	0.247706422	0.204545455	0.286278
rs2307040	CALU	A/G	07q	A	0.428571429	0.379464286	0.286286
rs1784424	MMP20	A/C	11q	C	0.446428571	0.5	0.286596
rs1052763	DGCR14, TSSK2	C/T	22q	T	0.138392857	0.174311927	0.286671
rs2294451	GNG13, CHTF18	C/T	16p	T	0.223214286	0.183035714	0.28677
rs556669	SYTL2	A/G	11q	A	0.369369369	0.324324324	0.287116
rs7545520	IVL	C/G	01q	C	0.117117117	0.085585586	0.287326
rs4901000		C/T	14q	C	0.125	0.09375	0.28733
rs3752630	TMEM116	A/C	12q	C	0.131313131	0.170212766	0.287337
rs5998267	RP1-127L4.6	A/G	22q	G	0.46875	0.419642857	0.287538
rs2074284		C/G	17q	C	0.3125	0.267857143	0.287545
rs11276	ART4	A/G	12p	A	0.348214286	0.396396396	0.287829
rs2303929	SLC4A2	A/G	07q	A	0.238738739	0.2	0.287839
rs10160116	ZNF438	A/G	10p	A	0.424107143	0.376146789	0.287949
rs3742926	AKAP6	C/T	14q	T	0.117117117	0.085585586	0.288083
rs11106	MKI67	C/G	10q	C	0.455357143	0.495535714	0.288173
rs1278926		A/C	14q	C	0.339285714	0.388392857	0.288196
rs3183702		C/T	17p	T	0.318181818	0.366972477	0.288223
rs11705926	LOC344875	C/G	03p	G	0.272321429	0.227678571	0.288371
rs2075957		A/G	22q	A	0.126126126	0.09375	0.288433
rs3213758	RPGRIP1L	C/T	16q	T	0.073394495	0.049107143	0.288485
rs6807963		C/T	03q	T	0.25	0.209821429	0.288506
rs6456811	PGBD1	C/G	06p	G	0.121621622	0.15625	0.288947
rs3780574	C9orf102	A/T	09q	A	0.133928571	0.103603604	0.288987
rs4789128		C/T	17q	T	0.348214286	0.397321429	0.289257
rs11037502	OR51I2	A/G	11p	A	0.159090909	0.118181818	0.289375
rs8113645	FUT6, PLAC2	A/G	19p	A	0.396396396	0.346846847	0.289511

rs12019228		A/G	03p	A	0.40860215	0.356382979	0.28968
rs3795590		A/G	01q	A	0.389908257	0.432432432	0.289765
rs9646748	FLJ20160	A/G	02q	G	0.477678571	0.431818182	0.289864
rs8030198		A/G	15q	A	0.276785714	0.232142857	0.289925
rs2273551		C/T	11p	T	0.211538462	0.172897196	0.290088
rs848208	SPEN	C/T	01p	T	0.089285714	0.0625	0.290482
rs4691896	LOC92345	C/T	04q	T	0.213636364	0.254464286	0.290483
rs1138294	MAP3K6	C/T	01p	T	0.308035714	0.351851852	0.290676
rs755617		A/C	06q	A	0.495535714	0.445945946	0.290716
rs6833311		A/G	04q	A	0.4	0.446428571	0.290868
rs130068	CCHCR1	C/T	06p	C	0.459821429	0.486486486	0.290996
rs641153	CFB	C/T	06p	T	0.107142857	0.077272727	0.291019
rs10896659	OR4A16	A/T	11q	T	0.486607143	0.464285714	0.291413
rs9868985	CEP63	C/T	03q	T	0.325892857	0.375	0.29182
rs1041316	C14orf101	C/T	14q	C	0.238317757	0.287128713	0.291888
rs2865121		A/G	18p	A	0.241071429	0.285714286	0.292312
rs1943330	CDH20	A/C	18q	A	0.120535714	0.15625	0.292326
rs3740447	KIAA1274	A/G	10q	A	0.205357143	0.165178571	0.292344
rs3737002	CR1	C/T	01q	T	0.22972973	0.1875	0.292357
rs4884021	LMO7	A/G	13q	A	0.1875	0.148648649	0.292435
rs13045	EIF2AK3	A/G	02p	A	0.325892857	0.370535714	0.292524
rs3214045	CEP135	A/C	04q	C	0.22815534	0.276190476	0.292593
rs3732413	CDGAP	A/G	03q	G	0.276785714	0.232142857	0.292603
rs1799999	PPP1R3A	G/T	07q	T	0.104545455	0.075892857	0.292699
rs10750931	MS4A4A	A/G	11q	G	0.142857143	0.178571429	0.292786
rs10120379		A/G	09p	G	0.339449541	0.388888889	0.293063
rs10853751	BCKDHA, EXOSC5	C/T	19q	C	0.401785714	0.352678571	0.293124
rs7531852		C/T	01q	C	0.259090909	0.303571429	0.293766
rs312959		C/G	02p	G	0.346846847	0.397321429	0.294507
rs7774557		A/G	06p	A	0.108108108	0.080357143	0.294597
rs1402954	FBXO3	C/T	11p	T	0.126126126	0.095454546	0.294816
rs8111172		C/T	19p	C	0.063063063	0.090909091	0.295273
rs629001	MYBPHL	A/G	01p	G	0.066964286	0.044642857	0.295346
rs6532289	LOC728394	C/T	04q	C	0.3125	0.267857143	0.295386
rs3762827	LOC728394	A/G	04q	G	0.3125	0.267857143	0.295386
rs10774304	LOC387826	G/T	12p	G	0.133928571	0.169642857	0.295767
rs11771702		C/G	07q	G	0.107142857	0.13963964	0.29605



rs2291498	C3orf63	A/G	03p	G	0.075892857	0.103603604	0.296232
rs549990	PUS3, HYLS1	A/C	11q	C	0.361111111	0.310185185	0.296257
rs3750425	TRPM6	C/T	09q	T	0.089285714	0.063063063	0.296409
rs2425817	LOC728443	A/G	20q	A	0.472972973	0.418918919	0.29646
rs1990828	C12orf63	A/G	12q	G	0.151785714	0.1875	0.296731
rs304029	ITPR1	A/C	03p	C	0.388392857	0.34375	0.296989
rs11628722	SERPINA9	A/G	14q	A	0.178571429	0.218181818	0.297114
rs3732581	PARL	C/G	03q	C	0.477678571	0.472972973	0.297129
rs4482093	PTPRQ	C/T	12q	C	0.196428571	0.15625	0.297868
rs7426114	NEB	C/T	02q	C	0.147321429	0.183035714	0.29835
rs2271979	CCDC41	C/T	12q	T	0.066964286	0.09375	0.29836
rs8042362		A/G	15q	G	0.169642857	0.209821429	0.298602
rs2511188	USP35	C/T	11q	C	0.207207207	0.25	0.29871
rs1042984	TBRG4	A/G	07p	A	0.0625	0.04054054	0.298853
rs4857302	DKFZp667G2110	A/C	03q	C	0.477678571	0.473214286	0.29897
rs1061159	C10orf118	C/T	10q	T	0.276785714	0.234234234	0.298979
rs2738935		C/T	21q	C	0.101851852	0.069444444	0.299398
rs887096		C/G	16p	C	0.379464286	0.330357143	0.299518
rs42664	GTPBP10	A/G	07q	A	0.441441441	0.491071429	0.29957
rs1041973	IL1RL1	A/C	02q	A	0.27184466	0.227272727	0.299825
rs3087689	KRI1	A/G	19p	G	0.238738739	0.200892857	0.299865
rs11171467	OR6C2	C/T	12q	C	0.169642857	0.135135135	0.300022
rs529038	ROS1	A/G	06q	A	0.254716981	0.209677419	0.300082
rs2931403	EFHB	C/T	03p	C	0.31981982	0.266055046	0.300231
rs1055851	ERO1LB	C/G	01q	C	0.352678571	0.4	0.300358
rs4465020	ANKRD15	C/G	09p	C	0.369369369	0.419642857	0.300458
rs6501755		C/T	17q	T	0.348214286	0.396396396	0.300557
rs248248	LOC51149	C/T	05q	T	0.3125	0.267857143	0.300605
rs7258833	LOC400696	A/G	19q	G	0.357142857	0.310810811	0.30066
rs3172494	IHPK2	A/C	03p	A	0.129464286	0.165178571	0.30074
rs931605	FRAS1	A/T	04q	T	0.159090909	0.195454546	0.300893
rs2508129		A/C	22q	C	0.276785714	0.310810811	0.300982
rs3735422	C7orf16	C/G	07p	C	0.129464286	0.098214286	0.301082
rs5761268	MYO18B	A/C	22q	C	0.287878788	0.334862385	0.301205
rs2255317	MATN2	A/G	08q	A	0.174107143	0.138392857	0.301231
rs208696	SASH1	A/G	06q	A	0.392857143	0.34375	0.301239
rs10896957		A/G	11q	G	0.133928571	0.102678571	0.301348

rs10769086	OR52B6	A/G	11p	G	0.232142857	0.272321429	0.301721
rs7957619	MVK	A/G	12q	A	0.15625	0.122727273	0.301943
rs10837771	OR51B4	A/G	11p	G	0.477477478	0.426605505	0.302425
rs7683838	ATP10D	C/T	04p	C	0.148648649	0.115740741	0.302602
rs4280164	C14orf21	A/G	14q	A	0.214285714	0.178571429	0.302709
rs4801433	ZIM3	C/T	19q	T	0.433035714	0.482142857	0.302786
rs6571751	RPGRIP1	A/G	14q	A	0.481981982	0.468468468	0.303042
rs292592	WDR91	A/G	07q	G	0.276785714	0.232142857	0.303565
rs2293177	DENND2A	A/G	07q	A	0.346846847	0.303571429	0.303701
rs7873960		A/G	09q	G	0.342342342	0.294642857	0.304267
rs1047437	CCDC100	C/G	05q	C	0.129464286	0.162162162	0.304278
rs12119836	OR2L13	A/G	01q	G	0.371559633	0.319444444	0.304361
rs1051168	NMB	A/C	15q	A	0.323809524	0.276190476	0.305374
rs3762923	SORBS2	G/T	04q	T	0.098214286	0.071428571	0.305386
rs1054986		A/G	18q	G	0.495535714	0.454954955	0.305403
rs7647507	LOC729756, LOC729763	A/G	03p	G	0.129807692	0.166666667	0.305576
rs2257401	CYP3A7	C/G	07q	C	0.075892857	0.102678571	0.305728
rs4969259		C/T	17q	T	0.472972973	0.477678571	0.30573
rs2960306	GRK4	G/T	04p	T	0.40625	0.357142857	0.305807
rs2217657	OR7G1	C/G	19p	C	0.376146789	0.333333333	0.305975
rs17611	C5	A/G	09q	A	0.459459459	0.413636364	0.306052
rs2302445	NOM1	C/T	07q	C	0.491071429	0.459821429	0.306053
rs3776096	PCDHB6	C/T	05q	T	0.21875	0.261261261	0.306245
rs7297606	KIAA1853	A/G	12q	A	0.072072072	0.1	0.306519
rs4129190	THNSL2	A/G	02p	G	0.165137615	0.12962963	0.306775
rs2191379	KRTAP9-4	G/T	17q	G	0.310810811	0.267857143	0.306819
rs11040984	GVIN1	C/T	11p	C	0.160714286	0.198198198	0.306848
rs1133618	FKBP15	A/G	09q	A	0.202702703	0.245535714	0.306867
rs3829868	CRNN	C/T	01q	T	0.174311927	0.138392857	0.306989
rs3796129	RNF168	G/T	03q	G	0.342342342	0.388392857	0.307044
rs726817	C10orf4	C/T	10q	C	0.247747748	0.288990826	0.307153
rs242018	EFCAB4B	A/G	12p	A	0.310185185	0.264705882	0.307166
rs278562		A/G	08q	A	0.482142857	0.4375	0.307204
rs231678	OR3A4	G/T	17p	G	0.401785714	0.446428571	0.307319
rs10078759	FLJ90650	C/G	05q	G	0.18018018	0.144144144	0.307525
rs6442089	MAP4	C/T	03p	T	0.348214286	0.392857143	0.307568
rs4804063	FBN3	C/T	19p	C	0.207207207	0.169642857	0.307889

rs2108485	SNED1	G/T	02q	T	0.129464286	0.165178571	0.308117
rs486907	RNASEL	A/G	01q	A	0.379464286	0.334821429	0.308152
rs6584356	PKD2L1	A/C	10q	A	0.063063063	0.04054054	0.308452
rs231231	SNX26	A/G	19q	G	0.369369369	0.325892857	0.308622
rs7298766	B4GALNT3	A/G	12p	G	0.348214286	0.303571429	0.308649
rs2289189	RAB3GAP2	C/G	01q	G	0.085585586	0.116071429	0.308683
rs3130062	NFKBIL1	C/T	06p	C	0.080357143	0.058035714	0.308684
rs4665809	LOC391358	A/G	02p	A	0.200892857	0.241071429	0.309117
rs11057353	DNAH10	C/T	12q	T	0.450892857	0.404545455	0.309206
rs25692	TMEM2	C/T	09q	T	0.133928571	0.169642857	0.309469
rs7587534		A/G	02q	G	0.0625	0.040909091	0.309505
rs11264300	DCST1	A/C	01q	C	0.334821429	0.290178571	0.30956
rs7038903	SVEP1	C/T	09q	C	0.147321429	0.178571429	0.309635
rs10948132	SPATS1	A/G	06p	A	0.256756757	0.299107143	0.309659
rs880303	GJA10	C/T	01p	T	0.477678571	0.472972973	0.3097
rs3929715		C/T	14q	T	0.09375	0.068807339	0.309856
rs449996		C/T	18p	C	0.446428571	0.397321429	0.309915
rs2570573	OR51A4, OR51A2	A/C	11p	A	0.292792793	0.330357143	0.309942
rs611251	PPP1R15A	A/G	19q	G	0.18018018	0.21875	0.310118
rs12420456	SLC22A20	C/T	11q	T	0.316964286	0.36036036	0.310397
rs886354	NPVF	C/G	07p	C	0.068807339	0.044642857	0.310426
rs414352	RP1	C/T	08q	C	0.268181818	0.227678571	0.310447
rs2297781	QSER1	A/G	11p	G	0.089285714	0.0625	0.310709
rs2682484	KLRA1	A/T	12p	A	0.162162162	0.200892857	0.310986
rs3765620	MMP8	A/G	11q	G	0.480952381	0.434782609	0.311002
rs708776	ITPKB	A/C	01q	C	0.053571429	0.076576577	0.311248
rs3759601	ATG2B	C/G	14q	G	0.390909091	0.436936937	0.311638
rs3806589	DKFZp762E1312	A/G	02q	A	0.363636364	0.40990991	0.312081
rs6691216	DENND1B	C/T	01q	C	0.45412844	0.495098039	0.31268
rs6836994	ANXA10	A/C	04q	A	0.46875	0.423423423	0.31274
rs12113440		C/T	07q	C	0.107142857	0.138392857	0.312921
rs6007594	FAM118A	A/G	22q	A	0.334821429	0.288288288	0.31293
rs364891	RNF144A	A/G	02p	A	0.227678571	0.189189189	0.312987
rs3816665	LAMA2	C/T	06q	T	0.120535714	0.15625	0.313219
rs10864198	USH2A	G/T	01q	T	0.47706422	0.472972973	0.313238
rs1405069	PI16	G/T	06p	G	0.427884615	0.471428571	0.313435
rs9883988	FLJ35880	A/G	03q	A	0.054054054	0.080357143	0.313437

rs6664593	A3GALT2	C/T	01p	T	0.352678571	0.308035714	0.313562
rs2792751	GPAM	A/G	10q	A	0.351351351	0.309090909	0.313569
rs9300759	LOC643677	G/T	13q	G	0.240909091	0.202702703	0.313689
rs1805087	MTR	A/G	01q	G	0.227678571	0.189189189	0.313818
rs2075113		A/T	16p	A	0.366071429	0.334821429	0.313931
rs9436	PELP1	A/T	17p	T	0.268518519	0.222727273	0.313942
rs2586012	LOC133185	C/T	04p	T	0.200892857	0.162162162	0.314086
rs1045537	HFE	C/G	06p	C	0.1	0.130630631	0.31426
rs1678536		C/G	12q	G	0.240909091	0.283653846	0.314473
rs2201647		A/G	19q	A	0.396396396	0.441964286	0.314579
rs7637099	GLB1, FLJ45032	A/G	03p	G	0.378378378	0.333333333	0.314677
rs2124920	C19orf16	C/T	19q	T	0.0625	0.089285714	0.314753
rs1342642	IL20RA	C/T	06q	T	0.22972973	0.268181818	0.314764
rs15783	TMEM16C, MUC15	A/G	11p	G	0.369158879	0.323232323	0.314796
rs11648228	LOC92017, hCG_1983896	G/T	16p	T	0.183035714	0.21875	0.315526
rs7988277	ZMYM5	C/T	13q	T	0.080357143	0.108108108	0.315686
rs7190823	FANCA	C/T	16q	C	0.357142857	0.407407407	0.315776
rs8178017	PRKDC	A/G	08q	A	0.071428571	0.049107143	0.31584
rs9461102		C/G	06p	G	0.107142857	0.080357143	0.315892
rs4606855	EMR3	C/G	19p	C	0.285714286	0.243243243	0.316077
rs11778385		A/G	08q	G	0.391891892	0.346846847	0.316106
rs1559155	PPFIA3	C/T	19q	C	0.37962963	0.333333333	0.316179
rs2074718	ZNF596	A/C	08p	A	0.063063063	0.089285714	0.317044
rs2073380	PCNT	A/C	21q	C	0.234234234	0.276785714	0.317051
rs2696923	TRIM49, LOC283116	C/T	11p	T	0.165178571	0.200892857	0.317074
rs2442638	PDE4DIP	C/T	01q	C	0.236607143	0.27027027	0.317115
rs7632885	CLSTN2	A/G	03q	G	0.364864865	0.412037037	0.317121
rs2551949	FAM119A	C/T	02q	C	0.205357143	0.169642857	0.317196
rs1353776	AMOTL2	C/G	03q	G	0.357142857	0.313636364	0.317415
rs4832524	KCNS3	A/G	02p	A	0.383928571	0.337837838	0.317864
rs11074981		C/G	16p	C	0.477678571	0.428571429	0.318035
rs2980619	NUDCD1	G/T	08q	T	0.431818182	0.477477478	0.318093
rs1470414	PASK	A/G	02q	A	0.392857143	0.346846847	0.318488
rs12678688		G/T	08q	G	0.09375	0.122727273	0.319057
rs636736		C/T	11q	C	0.18018018	0.218181818	0.319165
rs3742591	KIAA0423	C/G	14q	C	0.075892857	0.054545454	0.319584
rs455863	IL17RE	A/G	03p	G	0.477678571	0.477477478	0.319908

rs11074974		A/G	16p	A	0.294642857	0.339285714	0.320036
rs10925035		A/G	01q	G	0.095454546	0.064814815	0.320332
rs3812629	SYNPO2L	A/G	10q	A	0.169642857	0.136363636	0.320565
rs4646750	ALDH1L1	A/G	03q	G	0.075892857	0.102678571	0.320703
rs2288073	FLJ30851	A/G	02p	G	0.3125	0.355855856	0.320739
rs4987310	SELL	C/T	01q	T	0.15625	0.125	0.32074
rs803064	CUTL1	C/T	07q	C	0.382882883	0.425925926	0.320809
rs7224496	SMYD4	A/C	17p	A	0.490909091	0.443925234	0.320838
rs4236480	TRPV5	A/G	07q	A	0.216981132	0.25462963	0.320906
rs9667042		A/T	11q	A	0.258928571	0.292792793	0.320917
rs6670984	ANKRD35	C/T	01q	T	0.342592593	0.386363636	0.321201
rs10818504	CEP110	C/T	09q	T	0.441964286	0.397321429	0.321524
rs2022028		A/G	01p	A	0.423423423	0.377272727	0.321656
rs1142057	C1orf201	A/G	01p	G	0.330357143	0.379464286	0.32176
rs1801591	ETFA	C/T	15q	T	0.085585586	0.116071429	0.321865
rs6724782	ALMS1	A/T	02p	A	0.283018868	0.242857143	0.322057
rs6465353		G/T	07q	G	0.413636364	0.366071429	0.322255
rs800667	CYP3A43	A/G	07q	G	0.076576577	0.102678571	0.322512
rs2019552		C/G	16q	C	0.183035714	0.220183486	0.322566
rs2973571	RGNEF	A/G	05q	A	0.310810811	0.265765766	0.322662
rs2274328	CA6	A/C	01p	C	0.482142857	0.433035714	0.322792
rs1042589	TPO	C/G	02p	G	0.450892857	0.5	0.323041
rs1042337	HLA-DMB	C/T	06p	C	0.240566038	0.200934579	0.32336
rs7572174		C/G	02p	C	0.279279279	0.240909091	0.323374
rs1422795	ADAM19	A/G	05q	G	0.370535714	0.328828829	0.323945
rs2301641	ABCB5	A/G	07p	G	0.287037037	0.331775701	0.324255
rs10972048		C/T	09p	T	0.348214286	0.392857143	0.324375
rs7601049	VWA3B	C/G	02q	C	0.379464286	0.424107143	0.32455
rs3126066	FLG	A/G	01q	G	0.188073395	0.153153153	0.324679
rs6762208	SENP2	A/C	03q	A	0.346846847	0.391891892	0.324751
rs1467558	CD44	A/G	11p	A	0.140776699	0.108910891	0.324985
rs6465111		A/G	07q	A	0.423423423	0.472727273	0.325128
rs7291444	PKDREJ	G/T	22q	G	0.135135135	0.169642857	0.325145
rs12523992	RP11-145H9.1	A/G	06p	A	0.177884615	0.141414141	0.325224
rs1363558		A/T	05q	A	0.433035714	0.388392857	0.325234
rs10234545		C/T	07p	C	0.080357143	0.108108108	0.325282
rs1053593	HMG2L1	G/T	22q	G	0.334862385	0.294392523	0.32547

rs721917	SFTPD	C/T	10q	C	0.382882883	0.428571429	0.326017
rs7222402	GAS7	C/T	17p	C	0.361607143	0.405405405	0.326309
rs7971073	OR6C65	A/G	12q	A	0.171171171	0.138392857	0.326615
rs10787428	GPAM	C/T	10q	T	0.477678571	0.433035714	0.32674
rs2179129	ZNRF3	A/G	22q	G	0.46875	0.424107143	0.326839
rs7095762	C10orf118	G/T	10q	T	0.274774775	0.234234234	0.326989
rs214803	TGM3	G/T	20p	G	0.227678571	0.1875	0.327149
rs381583	ATP11A	A/G	13q	G	0.450892857	0.495535714	0.327228
rs10415312	OR7C1	C/T	19p	C	0.116071429	0.084821429	0.327401
rs1805017	PLA2G7	A/G	06p	A	0.238738739	0.200892857	0.327543
rs2302515	APOBEC1	C/G	12p	C	0.111607143	0.084821429	0.327639
rs3769148	ZAK	A/G	02q	G	0.450892857	0.5	0.327842
rs1498486	OR5111	A/C	11p	C	0.463963964	0.422727273	0.328
rs3740015	DHTKD1	G/T	10p	T	0.432432432	0.388392857	0.328142
rs2275272	ALDH18A1	A/G	10q	A	0.071428571	0.096330275	0.328324
rs2468774	MRGPRX4	C/G	11p	C	0.25	0.288288288	0.328394
rs1807142		C/T	06p	T	0.089285714	0.066964286	0.32862
rs3811128	LOC402382	C/G	09q	C	0.148648649	0.118181818	0.32876
rs4916685	GPR98	C/T	05q	T	0.359090909	0.410714286	0.328908
rs11137410	PNPLA7	C/T	09q	T	0.102803738	0.075757576	0.329158
rs1893963	DSC2	A/G	18q	G	0.120535714	0.09375	0.329408
rs243904	C20orf82	A/G	20p	G	0.102678571	0.075892857	0.32956
rs10401084		A/T	18q	A	0.076576577	0.102803738	0.32961
rs2993431		C/G	01q	C	0.160714286	0.196428571	0.329911
rs7252632	ZIM3	C/T	19q	T	0.366071429	0.40990991	0.330176
rs312960		A/C	02p	C	0.050925926	0.032407407	0.330218
rs998147	SYNE1	C/T	06q	T	0.15625	0.191964286	0.330302
rs1558878	ARSG	C/T	17q	T	0.45	0.5	0.330368
rs10894799	LOC89944	C/T	11q	C	0.433035714	0.387387387	0.330469
rs863363	OR10X1	A/G	01q	G	0.445945946	0.490909091	0.330577
rs1438307	UBXD2	A/C	02q	C	0.285714286	0.330357143	0.331165
rs706762	C19orf42	C/T	19p	T	0.102678571	0.075892857	0.331168
rs7490338		G/T	13q	T	0.214285714	0.177419355	0.331426
rs2271570	C4orf33	C/T	04q	T	0.105504587	0.136792453	0.331465
rs1687692		C/T	11q	T	0.144144144	0.175675676	0.331643
rs2853083	OR5AK2	A/G	11q	G	0.387387387	0.340909091	0.331849
rs1681723		A/G	10q	A	0.495495496	0.459821429	0.331886

rs3751107	MLPH	C/T	02q	T	0.144144144	0.178571429	0.331954
rs2229333	TGIF1	C/T	18p	T	0.080357143	0.053571429	0.332042
rs2052191	ANKRD24	A/G	19p	A	0.464285714	0.418918919	0.332224
rs4752642	TACC2	A/G	10q	A	0.234234234	0.197247706	0.33238
rs10760500	SH2D3C	A/G	09q	G	0.468468469	0.427272727	0.332401
rs9915248		C/T	17p	C	0.321100917	0.364864865	0.332491
rs1958715	OR4L1	A/G	14q	A	0.424107143	0.473214286	0.332555
rs2369679	AK7	C/G	14q	C	0.174107143	0.13963964	0.332574
rs2118886		A/G	02q	G	0.468468468	0.486363636	0.332601
rs1991517	TSHR	C/G	14q	G	0.107142857	0.080357143	0.332671
rs9935550		C/T	16p	T	0.263392857	0.303571429	0.332725
rs6722682	C2orf3	C/T	02p	C	0.129464286	0.165178571	0.332818
rs6587625	THEM5	C/T	01q	T	0.227678571	0.268181818	0.332838
rs3177244		A/G	22q	A	0.125	0.094594595	0.332931
rs4149117	SLCO1B3	G/T	12p	T	0.148648649	0.183035714	0.333376
rs3807069	ZNF117	C/T	07q	T	0.348214286	0.392857143	0.333978
rs6949056	FAM137A	C/T	07q	T	0.231818182	0.190909091	0.334283
rs32854	FLJ12331	G/T	16q	T	0.4375	0.482142857	0.33455
rs10186182		A/G	02p	A	0.334821429	0.379464286	0.334562
rs7949157	FAT3	A/G	11q	A	0.126126126	0.160550459	0.334589
rs248040		A/G	05q	G	0.486486486	0.468181818	0.334643
rs2296947		A/G	09q	A	0.405405405	0.446428571	0.334669
rs12470151		C/T	02q	T	0.388392857	0.34375	0.334676
rs9933059	LOC123855	A/G	16q	G	0.238738739	0.276785714	0.334806
rs2228526	ERCC6	A/G	10q	G	0.231818182	0.192307692	0.334852
rs3763980	SLC16A7	A/T	12q	A	0.200892857	0.238738739	0.334993
rs6976	GNL3, GLT8D1	C/T	03p	T	0.4375	0.390909091	0.335272
rs725660	LOC388553	G/T	19q	T	0.340909091	0.299107143	0.335463
rs514076	SLC22A20	C/G	11q	C	0.193693694	0.232142857	0.335467
rs1216248		A/G	11q	G	0.491071429	0.464285714	0.335631
rs1051790	MICA	C/G	06p	G	0.163551402	0.198113208	0.335877
rs1812805		G/T	05q	T	0.313636364	0.27027027	0.336075
rs361666	SUHW1	G/T	22q	T	0.217592593	0.25	0.336376
rs2241493	TRPM1	C/T	15q	C	0.25	0.211711712	0.336417
rs3819300		C/G	06p	G	0.464285714	0.495535714	0.336519
rs3911730	RTTN	A/C	18q	A	0.058035714	0.080357143	0.336585
rs6854749	AFF1	A/T	04q	T	0.178571429	0.145454546	0.336613

rs11574570	LILRB4	G/T	19q	T	0.191964286	0.159090909	0.336878
rs4144738	MLZE	A/G	08q	G	0.482142857	0.4375	0.336964
rs2302757	CUL4A	A/G	13q	G	0.243243243	0.209821429	0.337186
rs3021496	XKR6	A/G	08p	G	0.053571429	0.075892857	0.33737
rs11574576	LILRB4	A/G	19q	G	0.321428571	0.28125	0.337538
rs7563754	VIT	A/G	02p	A	0.25	0.288990826	0.337548
rs1050348	LAMA4	C/T	06q	T	0.339285714	0.382882883	0.337594
rs1051792	MICA	A/G	06p	A	0.28125	0.321428571	0.337893
rs10102194		G/T	08q	T	0.261261261	0.303571429	0.338021
rs740182		A/G	07p	A	0.371559633	0.41588785	0.338065
rs11649499	SEZ6L2	C/G	16p	C	0.147321429	0.117117117	0.338207
rs709932	SERPINA1	A/G	14q	A	0.129464286	0.160714286	0.338334
rs7969931	LRMP	C/G	12p	C	0.195454545	0.234234234	0.338583
rs1563371	ALKBH5	A/G	17p	A	0.223214286	0.1875	0.338657
rs606389		A/T	20p	A	0.459090909	0.418918919	0.338756
rs12666726		A/T	07p	A	0.165178571	0.133928571	0.338981
rs4237761		C/T	11p	C	0.178571429	0.216216216	0.339011
rs2233914	SLC31A1, FKBP15	A/G	09q	A	0.089285714	0.116071429	0.339038
rs737976	THOC5	C/T	22q	C	0.482142857	0.436936937	0.339233
rs1035442	MUC16	C/G	19p	G	0.075892857	0.053571429	0.33959
rs133335	WBP2NL	A/G	22q	G	0.428571429	0.472727273	0.339618
rs2073201	SGSM1	A/G	22q	A	0.093137255	0.120192308	0.339819
rs1826330	HSP90AA2	C/T	11p	T	0.122727273	0.151785714	0.339827
rs4415893		C/T	13q	T	0.189814815	0.224770642	0.34003
rs2292893		A/G	03q	A	0.459821429	0.414414414	0.340234
rs3746726	SSTR4	G/T	20p	G	0.366071429	0.409090909	0.340371
rs2305962		C/G	05q	G	0.263636364	0.304545455	0.34097
rs1041951	FECH	C/T	18q	T	0.165178571	0.200892857	0.341333
rs1054486	MAN2B1	C/G	19p	G	0.254464286	0.292792793	0.341416
rs3824433	JAK2	C/T	09p	T	0.227678571	0.267857143	0.341493
rs6863932		A/G	05q	A	0.422727273	0.375	0.341549
rs7875285		C/T	09p	C	0.441964286	0.486486486	0.341748
rs38794	ANKIB1	A/C	07q	C	0.477678571	0.428571429	0.3419
rs9276814		A/G	06p	A	0.272321429	0.3125	0.341949
rs220111	UMODL1, C21orf128	G/T	21q	T	0.339285714	0.379464286	0.342438
rs9322965	RPGRIP1	A/G	14q	A	0.23853211	0.278301887	0.342517
rs6958844		A/C	07p	C	0.080357143	0.107142857	0.342611



rs10278576		A/G	07p	A	0.080357143	0.107142857	0.342611
rs4818949	C21orf29, KRTAP10-10	A/C	21q	C	0.21875	0.25	0.342626
rs1639122	CHD4	A/C	12p	A	0.321428571	0.366071429	0.342667
rs363125	HD	G/T	04p	T	0.110091743	0.140909091	0.342707
rs6038126		C/T	20p	T	0.468468469	0.424107143	0.342868
rs6416547	ABHD2	G/T	15q	G	0.147321429	0.117117117	0.343072
rs10030708	TMPRSS11F	C/T	04q	T	0.267857143	0.308035714	0.343229
rs2273800	WDR25	C/T	14q	T	0.265765766	0.30733945	0.343269
rs6782766	DKFZp667G2110	A/G	03q	A	0.486607143	0.46875	0.343414
rs2275363	RAP1GAP	A/G	01p	A	0.454954955	0.410714286	0.344065
rs4799570	DSG4	A/C	18q	A	0.110091743	0.138392857	0.344295
rs598318		C/T	05p	C	0.153153153	0.189189189	0.344572
rs312966		C/T	02p	C	0.36036036	0.40625	0.344605
rs409782	RBM11	G/T	21q	T	0.214285714	0.178571429	0.344628
rs2302341	CDC2L5	A/G	07p	A	0.075892857	0.054054054	0.344751
rs6786354	DKFZp667G2110	A/G	03q	A	0.486607143	0.468468468	0.344931
rs12065526	OR2B11	A/G	01q	A	0.13963964	0.107142857	0.345124
rs2071002	NQO2	A/C	06p	C	0.348214286	0.308035714	0.34552
rs4909396	FLJ45872	C/T	08q	T	0.419642857	0.375	0.345556
rs1613662	GP6	A/G	19q	G	0.142857143	0.174107143	0.345802
rs2277680	CXCL16	A/G	17p	A	0.459821429	0.414414414	0.345804
rs1536690	ZNF169	A/G	09q	A	0.15625	0.1875	0.345826
rs2020860	FMO2	C/T	01q	C	0.053571429	0.075892857	0.345843
rs869378		A/G	01q	A	0.053571429	0.036036036	0.346182
rs3733359	GC	C/T	04q	T	0.058035714	0.080357143	0.346191
rs2071240	TCOF1	C/G	05q	C	0.072072072	0.098214286	0.346292
rs5997917	LIMK2	A/G	22q	A	0.116071429	0.089285714	0.346295
rs4261431		C/T	14q	C	0.486607143	0.441964286	0.346717
rs2233564	OR2S2	A/G	09p	G	0.351351351	0.306306306	0.346786
rs11247226	LINS1	A/G	15q	G	0.495535714	0.450892857	0.346886
rs7255438		C/T	19q	T	0.0625	0.084821429	0.347104
rs3775739	CSN3	C/T	04q	T	0.178571429	0.147321429	0.347106
rs2709437	FLJ41046	C/T	02p	C	0.428571429	0.473214286	0.347123
rs512110	PRUNE2	C/T	09q	C	0.1875	0.225225225	0.347458
rs4801478	ZNF548	A/G	19q	G	0.0625	0.084821429	0.347488
rs4318060	OR6C3	A/G	12q	A	0.169642857	0.138392857	0.347775
rs7132600	OR6C1	C/T	12q	T	0.169642857	0.138392857	0.347775

rs1296794	CECR2	C/T	22q	T	0.184684685	0.148148148	0.347849
rs9306198	BCL2L13	C/T	22q	T	0.145454546	0.116071429	0.347852
rs2464195	HNF1A	C/T	12q	T	0.415178571	0.369369369	0.347943
rs3209441	DOCK8	A/G	09p	A	0.135135135	0.166666667	0.347958
rs4729647	MUC17	C/T	07q	T	0.084821429	0.111607143	0.348252
rs12210441		A/G	06q	A	0.308035714	0.267857143	0.348325
rs6869849	PDZD2	C/T	05p	T	0.356481482	0.315533981	0.348629
rs11152199		A/C	18q	A	0.225225225	0.263888889	0.348707
rs4658360	GBP6	C/T	01p	C	0.25	0.288461538	0.348827
rs6519993	PKDREJ	A/G	22q	G	0.138392857	0.171171171	0.349102
rs6748672	MCEE	A/C	02p	A	0.175675676	0.142857143	0.34913
rs2271904	ECD	C/T	10q	C	0.080357143	0.058035714	0.34913
rs6924078	LOC389365	A/G	06p	A	0.27027027	0.232142857	0.349155
rs886424		A/G	06p	A	0.081081081	0.107142857	0.34923
rs2001079		C/T	22q	C	0.3125	0.272321429	0.349246
rs11033233		G/T	11p	G	0.359090909	0.400900901	0.349387
rs2275689	HEATR1	C/T	01q	T	0.267857143	0.303571429	0.349482
rs3746583	C20orf119	C/G	20q	C	0.063063063	0.044642857	0.349536
rs1799990	PRNP	A/G	20p	G	0.311926606	0.271028037	0.349536
rs1816774		A/C	11p	A	0.427272727	0.382882883	0.349617
rs1326331	EXOC6	C/T	10q	C	0.308035714	0.267857143	0.349819
rs3777134	SPINK5	C/T	05q	C	0.397321429	0.357142857	0.350073
rs7918621		A/G	10p	G	0.267857143	0.308035714	0.350188
rs1395268	SERPINB11	A/C	18q	A	0.178571429	0.148648649	0.350201
rs2276774	SEMA5B	C/T	03q	C	0.183035714	0.148648649	0.350279
rs3760849	ZNF667	A/G	19q	A	0.459821429	0.418918919	0.350285
rs1453241		C/T	03q	T	0.232142857	0.267857143	0.35054
rs1053966	TTC3	C/G	21q	G	0.477272727	0.477477478	0.350871
rs2292324	EFCBP2	C/G	16q	G	0.089285714	0.116071429	0.350909
rs2253869	DKFZp434J1015	A/G	07p	A	0.446428571	0.486607143	0.351045
rs118774		A/G	17q	A	0.227272727	0.265765766	0.351241
rs7278737	LIPI	G/T	21q	G	0.5	0.454954955	0.351254
rs2239734	ZNF214	G/T	11p	G	0.076576577	0.102678571	0.351313
rs10755	LGALS14	C/G	19q	C	0.35	0.308035714	0.351435
rs1422698	ANKRD31	A/G	05q	A	0.345360825	0.388888889	0.351444
rs12366	POLE4	G/T	02p	T	0.45	0.406542056	0.35163
rs2277598	BBS4	A/G	15q	A	0.360576923	0.400990099	0.351652

rs11881633	ECAT8	A/G	19q	A	0.45045045	0.49537037	0.351719
rs2076015	TXNDC13	A/G	20p	A	0.142857143	0.114678899	0.351901
rs11009708	C10orf112	A/G	10p	G	0.133928571	0.162162162	0.352446
rs11238247	DKFZp564N2472	C/G	07p	C	0.463963964	0.491071429	0.352509
rs1051488		A/G	06p	A	0.379464286	0.418918919	0.352626
rs2295772	SEC31B	A/G	10q	A	0.200892857	0.236607143	0.352876
rs3793706	SEC31B	A/C	10q	A	0.200892857	0.236607143	0.352876
rs732774	ATP7B	A/G	13q	G	0.424107143	0.382882883	0.352934
rs6665115		C/T	01q	T	0.410714286	0.366071429	0.352948
rs4340795	NPNT	A/G	04q	A	0.107142857	0.081081081	0.353369
rs2067011	GRM6	C/T	05q	T	0.471428571	0.481132076	0.353376
rs11640911		A/G	16q	G	0.477678571	0.477477478	0.353549
rs2228638	NRP1	A/G	10p	A	0.099099099	0.077272727	0.353764
rs1433111		A/T	19p	T	0.160714286	0.129464286	0.353857
rs6968293	CDC14C	A/C	07p	C	0.482142857	0.472727273	0.353917
rs491973	SART1, TSGA10IP	C/T	11q	C	0.495535714	0.464285714	0.354042
rs3107764	MUC4	C/G	03q	G	0.346846847	0.303571429	0.354309
rs657723		C/T	17q	C	0.228971963	0.191588785	0.354322
rs7642480		G/T	03q	G	0.183035714	0.151785714	0.354373
rs3817190	CAMKK2	A/T	12q	A	0.411214953	0.462616822	0.354484
rs6980476	FAM82B, LOC642197	G/T	08q	G	0.254464286	0.21875	0.354585
rs6077510	PLCB4	A/G	20p	G	0.325892857	0.285714286	0.35472
rs1339847	TRIM58	A/G	01q	A	0.112612613	0.085585586	0.354855
rs6998917		A/G	08q	G	0.339285714	0.379464286	0.355126
rs231622	CCNO	A/G	05q	A	0.267857143	0.232142857	0.355188
rs6478331		G/T	09q	T	0.106481482	0.081730769	0.355459
rs2347	POLR3E	A/C	16p	C	0.066964286	0.045045045	0.355556
rs2269996	PARP12	C/T	07q	T	0.236607143	0.198198198	0.35566
rs2075221	CLEC4F	C/T	02p	T	0.366071429	0.325892857	0.356146
rs3740217	ITIH2	C/G	10p	C	0.059090909	0.038834951	0.356195
rs2304024	FAT2	C/T	05q	T	0.247747748	0.207207207	0.356462
rs2305089	T	C/T	06q	T	0.473214286	0.486486487	0.35672
rs4740144		C/T	08q	T	0.279279279	0.241071429	0.356798
rs10901333	LAMC3	A/G	09q	G	0.477678571	0.432432432	0.356865
rs3750041	MGC12966	C/T	07p	T	0.135135135	0.107142857	0.356873
rs2271933	HCRTR1	C/T	01p	T	0.397321429	0.357142857	0.356873
rs4930979	MGC24039	C/T	12p	T	0.427927928	0.388392857	0.357024

rs2598544	PTPRQ	A/G	12q	G	0.193693694	0.155963303	0.35711
rs9604126	LOC649907	C/T	13q	T	0.345794393	0.303738318	0.357198
rs2943512	MUC5B	G/T	11p	T	0.441964286	0.486486487	0.357459
rs4237768	OR52L1	A/G	11p	A	0.183035714	0.21875	0.357586
rs11062385	JARID1A	C/T	12p	C	0.21875	0.254464286	0.357703
rs1804211	MEP1A	C/T	06p	T	0.325688073	0.368181818	0.357837
rs2075639	PPL	C/T	16p	T	0.053571429	0.036036036	0.357947
rs231775	CTLA4	A/G	02q	G	0.348214286	0.389908257	0.358131
rs2137722	NLRP1	C/T	17p	T	0.053571429	0.075892857	0.358211
rs6862	LOC389458	A/C	07p	A	0.324324324	0.368181818	0.35828
rs2278792	DSG2	A/G	18q	A	0.236607143	0.276785714	0.358699
rs10746163	PTPRQ	G/T	12q	G	0.196428571	0.160714286	0.358717
rs641393	SYTL2	A/G	11q	G	0.392857143	0.352678571	0.358852
rs1983609	PARVB	C/T	22q	T	0.258928571	0.223214286	0.35896
rs3773309	IQSEC1	C/T	03p	C	0.125	0.099099099	0.358965
rs9318554	PARP4	A/G	13q	G	0.059090909	0.081081081	0.359028
rs1566275	OR52H1	A/G	11p	A	0.18018018	0.214285714	0.359037
rs2370134	ZIM3	A/G	19q	A	0.154205607	0.189320388	0.359256
rs7952293	OR51B2	A/G	11p	A	0.081081081	0.108108108	0.360033
rs1574030	LOC150935	C/T	02q	T	0.223214286	0.258928571	0.360177
rs1040285	FLJ37396	A/G	06q	A	0.183035714	0.21875	0.360248
rs2931327		C/G	08q	C	0.209821429	0.241071429	0.360403
rs7106047	ODZ4	A/C	11q	A	0.259090909	0.3	0.360443
rs2509350		C/G	11q	C	0.18018018	0.151376147	0.360475
rs273259	IFI44L	C/T	01p	C	0.334821429	0.294642857	0.360574
rs4981822	OR11G2	A/T	14q	T	0.468468468	0.491071429	0.360767
rs37458	ST3GAL3	C/T	01p	C	0.379464286	0.419642857	0.361101
rs9905684	OR3A4	A/G	17p	G	0.120535714	0.09375	0.361467
rs925878	LOC284297	A/G	19q	A	0.205357143	0.171171171	0.361653
rs3747203	EFCAB6	C/T	22q	C	0.054054054	0.035714286	0.36166
rs4706980	DOPEY1	A/G	06q	A	0.121621622	0.094594595	0.361738
rs10838881		C/T	11p	C	0.133663366	0.168539326	0.362398
rs946837	TMTC4	C/T	13q	T	0.276785714	0.316964286	0.362472
rs3808795	C9orf39	C/T	09p	C	0.258928571	0.297297297	0.362595
rs11241095	WDR36	A/G	05q	G	0.354545455	0.315315315	0.36279
rs2230240	MCM3	A/G	06p	A	0.263392857	0.22972973	0.362825
rs2302465	BST1	C/T	04p	T	0.125	0.098214286	0.3629

rs1995641	TGM4	A/G	03p	A	0.375	0.419811321	0.363088
rs863931	SPTA1	A/G	01q	A	0.4375	0.395454545	0.363286
rs254855		C/T	03p	T	0.325892857	0.370535714	0.363487
rs7332388	DIS3	C/G	13q	C	0.455357143	0.410714286	0.363553
rs2034310	CD300LF, RAB37	C/T	17q	T	0.142857143	0.174107143	0.363813
rs2271791	ATP13A5	C/T	03q	T	0.455357143	0.5	0.363826
rs3733228	SCD5	A/C	04q	A	0.375	0.333333333	0.363861
rs11600	LOC387647	C/T	10p	T	0.102678571	0.129464286	0.364176
rs1464890	ZC3HC1	C/T	07q	T	0.4375	0.391891892	0.364197
rs438999	SKIV2L	C/T	06p	C	0.095454545	0.072072072	0.364272
rs10985704	OR1L8	G/T	09q	T	0.427884615	0.468421053	0.364521
rs5998405		A/G	22q	A	0.076923077	0.055555556	0.364619
rs1513629		A/C	02q	C	0.175675676	0.211711712	0.364839
rs11868599		A/G	17q	A	0.330357143	0.290909091	0.36579
rs7181742	CAPN3, GANC	C/T	15q	C	0.111607143	0.142857143	0.365825
rs2240697		C/G	05q	G	0.392857143	0.4375	0.366301
rs2308655	HLA-B, LOC730410	C/G	06p	G	0.313636364	0.276785714	0.36682
rs1339	RNF175	A/G	04q	G	0.214285714	0.25	0.366893
rs10768156		A/G	11p	G	0.357142857	0.397321429	0.366971
rs2802269	CDC42BPA	A/G	01q	G	0.084821429	0.111607143	0.367272
rs3802799	NAV2	G/T	11p	T	0.188073395	0.220183486	0.367439
rs10972348		C/G	09p	C	0.436936937	0.396396396	0.367463
rs3756323	PCDHB11	C/T	05q	C	0.1875	0.15625	0.367468
rs7312857	BIN2	C/T	12q	T	0.084821429	0.107142857	0.367521
rs2073290	SEL1L2	A/C	20p	C	0.267857143	0.234234234	0.367556
rs7653897	GPRIN3	A/G	04q	A	0.445454545	0.486607143	0.367606
rs1805327	RAD1	A/G	05p	G	0.068807339	0.049107143	0.36781
rs11758339	DST	C/T	06p	T	0.27027027	0.310810811	0.367897
rs35684	GHRL, C3orf42	A/G	03p	G	0.305555556	0.339449541	0.368411
rs17118	XYLB	A/C	03p	A	0.388888889	0.344660194	0.368561
rs12336965	GLT6D1	G/T	09q	T	0.234234234	0.200892857	0.368604
rs857725	SPTA1	G/T	01q	G	0.31981982	0.28125	0.368807
rs2287926	VCAN	A/G	05q	A	0.165178571	0.133928571	0.368974
rs743686	KRT35	A/G	17q	A	0.495535714	0.459821429	0.368982
rs10497392	LOC643997	A/G	02q	A	0.071428571	0.09375	0.369044
rs870190		A/G	04q	A	0.25	0.214285714	0.369098
rs10859974	CCDC38	C/T	12q	C	0.165178571	0.135135135	0.369188

rs1052200	CPVL	A/G	07p	A	0.116071429	0.142857143	0.369348
rs1229984	ADH1B	A/G	04q	A	0.058035714	0.081081081	0.369429
rs256653		C/G	12p	C	0.315315315	0.355855856	0.369602
rs7706028		G/T	05q	G	0.313636364	0.273584906	0.369678
rs103612	NUP214	C/T	09q	C	0.348214286	0.309090909	0.369874
rs10916668	OTUD3	A/G	01p	A	0.072072072	0.095454545	0.370035
rs1131199	CD200	C/G	03q	C	0.46875	0.427927928	0.370062
rs11673029	ZNF606	C/T	19q	C	0.117924528	0.146226415	0.370154
rs4665855	OTOF	A/G	02p	A	0.392857143	0.351351351	0.37031
rs2230281	GALNT4, WDR51B	C/T	12q	T	0.254464286	0.292792793	0.370325
rs306481	NLRP8	C/T	19q	T	0.410714286	0.450892857	0.370487
rs3008858	MIER1, WDR78	C/G	01p	G	0.240566038	0.278301887	0.370579
rs1802073	SFRP4	A/C	07p	A	0.375	0.413636364	0.370804
rs10896290	OR8J1	A/G	11q	G	0.292792793	0.334821429	0.371113
rs2170363	GEM	C/G	08q	C	0.098214286	0.126126126	0.371256
rs2236359	C1orf142	C/T	01q	C	0.366071429	0.40625	0.371295
rs12450410		A/G	17q	A	0.220720721	0.1875	0.371316
rs7171194	LOC390637	C/T	15q	T	0.397321429	0.352678571	0.371424
rs599176		A/T	05p	T	0.071428571	0.095454546	0.371584
rs2726836	HSP90AA2	A/G	11p	G	0.120535714	0.147321429	0.372032
rs7853346	LOC731292	C/G	09p	G	0.265765766	0.301801802	0.372103
rs620552	PRUNE2	C/T	09q	T	0.195454546	0.232142857	0.37235
rs987495	IFI44L	A/G	01p	G	0.254464286	0.21875	0.372383
rs9935059	EEF2K	A/G	16p	G	0.072727273	0.095454546	0.372494
rs11207933	L1TD1	A/C	01p	A	0.09047619	0.117647059	0.372968
rs3218660	POLM	A/C	07p	A	0.256756757	0.220720721	0.373187
rs1709189	SLC5A8	C/T	12q	T	0.195454546	0.227678571	0.373401
rs10876327		A/G	12q	G	0.186363636	0.15625	0.373646
rs2709115		C/T	07p	C	0.388392857	0.428571429	0.373726
rs6742154		A/C	02p	C	0.419642857	0.459821429	0.374051
rs1053783	DEFB129	C/G	20p	G	0.107142857	0.081081081	0.374099
rs2249542	GLOD4, RNMTL1	A/G	17p	A	0.247747748	0.285714286	0.374139
rs3213690	AMZ2	C/T	17q	T	0.27027027	0.30952381	0.374744
rs4797265	FLJ38028	G/T	18p	G	0.495327103	0.450980392	0.374756
rs2001080		A/G	22q	A	0.301801802	0.263636364	0.374859
rs10771427	CCDC91	A/G	12p	G	0.20754717	0.240740741	0.375058
rs2304802	FLJ11184	G/T	04q	G	0.482142857	0.441964286	0.375316

rs10501429	NARS2	G/T	11q	T	0.200892857	0.236607143	0.375462
rs807459	CLTCL1	C/T	22q	C	0.0625	0.084821429	0.375569
rs9893920		C/T	17q	T	0.193693694	0.222727273	0.375631
rs11742570		C/T	05p	T	0.357142857	0.397321429	0.375632
rs1363061		C/T	02p	T	0.133928571	0.107142857	0.37567
rs3121478	NRAP	C/T	10q	C	0.370535714	0.410714286	0.375941
rs2303982	SEMA5B	G/T	03q	T	0.183035714	0.216216216	0.376215
rs1042044	GLP1R	A/C	06p	A	0.425233645	0.465346535	0.376493
rs1133657	KIAA1430	A/G	04q	A	0.463963964	0.495535714	0.37692
rs4728190	C7orf45	C/T	07q	T	0.227272727	0.263392857	0.376976
rs1800067	ERCC4	A/G	16p	A	0.084821429	0.0625	0.377184
rs335524	CENPF	C/T	01q	T	0.424107143	0.386363636	0.377236
rs10778257	C12orf42	G/T	12q	T	0.379464286	0.339285714	0.377393
rs203534	LOC642636	G/T	20p	G	0.472527473	0.477011494	0.377629
rs978009		A/G	06p	A	0.414414414	0.454545454	0.377684
rs2983640	CST9	A/G	20p	G	0.379464286	0.339285714	0.377717
rs952094	SPTA1	A/G	01q	A	0.455357143	0.414414414	0.377809
rs7216284	GGT6	A/G	17p	A	0.254464286	0.21875	0.378096
rs680959		C/G	03p	G	0.477678571	0.436936937	0.378315
rs1057746	SSX2IP	C/T	01p	T	0.419642857	0.379464286	0.378403
rs1138357	BCL2A1	A/G	15q	A	0.276785714	0.241071429	0.378453
rs2342767	RAET1E	C/G	06q	G	0.425925926	0.467889908	0.378489
rs9659529	PRAMEF2	C/G	01p	G	0.102803738	0.12962963	0.3785
rs1905055	OR8K1	A/G	11q	A	0.292792793	0.334862385	0.378669
rs7617376		A/C	03q	C	0.379464286	0.339285714	0.379163
rs7243248	DKFZp779B1634	A/G	18p	G	0.378378378	0.337837838	0.379456
rs4861358	APBB2	C/T	04p	C	0.28125	0.245535714	0.379539
rs162036	MTRR	A/G	05p	G	0.119266055	0.147321429	0.379573
rs2274658	MEP1A	G/T	06p	T	0.377358491	0.417475728	0.379854
rs4013819		C/G	09p	G	0.352678571	0.392857143	0.379897
rs3776070	SLC26A2	A/T	05q	T	0.183035714	0.151785714	0.380094
rs396520		C/T	18p	T	0.174107143	0.205357143	0.380251
rs4747723		A/G	10p	G	0.3	0.259090909	0.380342
rs1965209	OR2D2	A/G	11p	G	0.223214286	0.258928571	0.380351
rs2783786		A/G	14q	A	0.384259259	0.342342342	0.380611
rs826327		A/G	19q	G	0.486486486	0.46875	0.380737
rs2193587	DGKG	A/G	03q	G	0.245454546	0.209821429	0.380808

rs7926933	DTX4, MPEG1, LOC730916	A/G	11q	A	0.126126126	0.1	0.380824
rs2773347	C9orf97	C/T	09q	C	0.334821429	0.297297297	0.380924
rs4557093		A/G	03p	A	0.290178571	0.325892857	0.380946
rs10928050		A/G	01p	G	0.189189189	0.160714286	0.381265
rs3747129	HPS4	A/G	22q	A	0.174107143	0.142857143	0.381405
rs9332464	LOC728780	A/G	05q	A	0.227678571	0.261261261	0.381577
rs6438191	ZNF80	C/T	03q	C	0.345454545	0.384259259	0.381673
rs2274702	LEMD1	G/T	01q	G	0.075892857	0.099099099	0.381677
rs2366926	GPR98	A/G	05q	G	0.3125	0.352678571	0.381713
rs2075033	B4GALNT3	A/G	12p	A	0.058035714	0.080357143	0.382004
rs11689281	ACCN4, CHPF	G/T	02q	G	0.454954955	0.495535714	0.382145
rs3108171	ZNF382	C/T	19q	T	0.334821429	0.375	0.382359
rs8305	POLI	A/G	18q	G	0.310810811	0.348214286	0.382387
rs10266424	MTERF	C/T	07q	C	0.491071429	0.464285714	0.382739
rs763471		G/T	11p	G	0.454954955	0.495535714	0.382888
rs2290305	TTLL3	G/T	03p	T	0.303571429	0.339285714	0.383307
rs3803036	PTPRR	A/G	12q	A	0.200892857	0.236363636	0.383373
rs2290532	OSBPL10	C/T	03p	T	0.490476191	0.450450451	0.383886
rs9614382	EFCAB6	A/G	22q	G	0.276785714	0.243243243	0.38401
rs921963		G/T	02p	G	0.313636364	0.352678571	0.384084
rs9547952	POSTN	C/T	13q	T	0.053921569	0.075	0.384762
rs10864004	LOC149643	A/G	01q	A	0.295454545	0.254464286	0.384852
rs12090888	C1orf201	A/G	01p	G	0.108108108	0.136363636	0.384879
rs10791893	OR5T2	C/G	11q	C	0.107142857	0.133928571	0.385056
rs7212506	ABCA6	C/T	17q	C	0.077272727	0.058035714	0.385168
rs11883054	LOC388503	G/T	19p	T	0.34375	0.306306306	0.385216
rs2232041	C1orf103	A/G	01p	A	0.236607143	0.205357143	0.385485
rs11007612	SVIL	A/G	10p	G	0.103603604	0.129464286	0.386097
rs714368	SLC22A16	A/G	06q	G	0.218181818	0.254464286	0.386161
rs4986790	TLR4	A/G	09q	G	0.053571429	0.071428571	0.38623
rs3125630	STIL	A/G	01p	G	0.459821429	0.5	0.386502
rs7410919		C/T	01q	T	0.450892857	0.410714286	0.386669
rs1799814	CYP1A1	A/C	15q	A	0.071428571	0.049549549	0.386731
rs8069315	DHX33	A/G	17p	A	0.103603604	0.129464286	0.38697
rs11750538	MYO10	A/G	05p	G	0.405405405	0.450892857	0.387024
rs1563632	SMCR8	C/T	17p	C	0.330357143	0.366071429	0.38704



rs6746030	SCN9A	A/G	02q	A	0.162162162	0.135135135	0.387129
rs6018	F5	G/T	01q	G	0.09009009	0.068181818	0.387193
rs292538		A/G	07q	A	0.272321429	0.234234234	0.387259
rs6574	MPHOSPH10	C/T	02p	T	0.290178571	0.330357143	0.387502
rs1045546	TAPBPL	A/G	12p	A	0.130630631	0.160714286	0.387917
rs10826848		A/G	10p	G	0.075892857	0.099099099	0.38793
rs1881420	ALK	A/G	02p	G	0.256756757	0.223214286	0.387974
rs6484341	HSP90AA2	A/T	11p	T	0.121621622	0.147321429	0.38814
rs5368	SELE	C/T	01q	T	0.116071429	0.09375	0.388254
rs916957		A/G	19p	A	0.348214286	0.3125	0.388265
rs2708912	LOC136288	A/G	07p	G	0.053571429	0.076576577	0.388293
rs1761608		A/G	06q	A	0.431818182	0.473214286	0.388627
rs2279054	QRICH2	A/G	17q	A	0.258928571	0.294642857	0.388831
rs625223	NEBL, C10orf113	C/G	10p	G	0.310810811	0.351351351	0.388863
rs10839708	NLRP14	A/G	11p	G	0.392857143	0.433035714	0.388987
rs330150	DNAH3	C/G	16p	C	0.135135135	0.109090909	0.389077
rs2014055	MRC2	C/T	17q	T	0.174107143	0.142857143	0.389099
rs2279052	QRICH2	C/G	17q	G	0.267857143	0.303571429	0.389262
rs2279053	QRICH2	C/T	17q	C	0.267857143	0.303571429	0.389262
rs4882756	TMEM132C	C/G	12q	C	0.297297297	0.334821429	0.38939
rs3138038		A/C	17q	C	0.116071429	0.142857143	0.389752
rs10419393		A/G	19q	G	0.486607143	0.450892857	0.389895
rs3173615	TMEM106B	C/G	07p	G	0.414414414	0.372727273	0.390153
rs7865433		A/C	09q	C	0.1875	0.21875	0.390275
rs2250889	MMP9	C/G	20q	G	0.066964286	0.049107143	0.390304
rs1043831	KIAA0323, C14orf124	A/G	14q	A	0.084821429	0.107142857	0.390306
rs6471514		C/T	08q	C	0.445454545	0.405405405	0.390335
rs10983304	TRIM32, ASTN2	C/T	09q	T	0.063636364	0.044642857	0.390371
rs1570581	GPR144	A/G	09q	G	0.495535714	0.455357143	0.3904
rs9373475	FBXO30	C/T	06q	T	0.382882883	0.419642857	0.390462
rs938886	TEP1	C/G	14q	C	0.238738739	0.204545454	0.390529
rs7950873	RSF1	A/G	11q	G	0.220720721	0.254464286	0.390661
rs7565062	SCN7A	G/T	02q	G	0.230769231	0.266990291	0.390725
rs2002395		C/T	12q	T	0.397321429	0.4375	0.390831
rs10736655		C/T	11q	C	0.294642857	0.334821429	0.390876
rs3213430		C/T	12p	C	0.321428571	0.361607143	0.391003
rs2295852	SLC26A8	C/T	06p	C	0.373873874	0.333333333	0.391015

rs2903250	IGSF11	G/T	03q	G	0.195454545	0.224770642	0.391067
rs2293583	MGC26647, ZNF804B	C/T	07q	C	0.104545454	0.080357143	0.391168
rs451195	PPIC	C/T	05q	C	0.373873874	0.413636364	0.391294
rs2830585	ADAMTS5	C/T	21q	T	0.15625	0.1875	0.391414
rs10193972	ALMS1	A/G	02p	G	0.274774775	0.241071429	0.391651
rs2056486	ALMS1	A/C	02p	A	0.272321429	0.238738739	0.391737
rs2248470		C/T	21q	T	0.084821429	0.0625	0.391826
rs12157	LINS1	C/G	15q	C	0.495535714	0.454954955	0.391937
rs11177	GNL3	C/T	03p	T	0.433035714	0.391891892	0.391985
rs3755073	SRBD1	A/C	02p	A	0.102678571	0.081081081	0.392363
rs11219413	OR10G9	A/G	11q	G	0.294642857	0.330357143	0.392585
rs11222085	ADAMTS8	C/T	11q	C	0.174107143	0.142857143	0.392665
rs2219078	SULT1C3	A/G	02q	A	0.174311927	0.205357143	0.392957
rs1545	MKKS	A/C	20p	A	0.117924528	0.09223301	0.392985
rs562993		A/T	11q	A	0.327272727	0.290178571	0.393106
rs10515294		A/G	05q	G	0.283783784	0.247706422	0.393387
rs4800091	LOC388474, LOC647946	C/T	18q	T	0.09009009	0.116071429	0.393476
rs3826616	SERPIN8	A/G	18q	A	0.419642857	0.459459459	0.393601
rs11640138	TNP2	A/G	16p	A	0.481981982	0.473214286	0.394401
rs915843	ABCG1	C/T	21q	T	0.118181818	0.09375	0.39482
rs1429077	ZC3H7A	A/G	16p	G	0.063636364	0.084821429	0.39493
rs2234233	TAS2R1	C/T	05p	T	0.142857143	0.174107143	0.395051
rs11738780		C/T	05q	C	0.166666667	0.198198198	0.395062
rs26653	ARTS-1	C/G	05q	C	0.263392857	0.299107143	0.395122
rs12327617	ZNF700	A/G	19p	G	0.075892857	0.098214286	0.395149
rs4795847		C/G	17q	G	0.383928571	0.424107143	0.3953
rs4900268	C14orf49	A/G	14q	G	0.392857143	0.354545455	0.395422
rs4830	LGALS14	A/G	19q	A	0.351351351	0.3125	0.395466
rs732609	TPO	A/C	02p	C	0.410714286	0.370535714	0.39551
rs10239197	ZNF92	A/G	07q	A	0.21559633	0.181818182	0.395731
rs1785934	ELP2	G/T	18q	G	0.415178571	0.375	0.39588
rs3127106	NRAP	C/T	10q	T	0.366071429	0.404545455	0.396031
rs1056464	KCNA5	C/T	12p	T	0.063106796	0.04587156	0.396195
rs1451661		A/G	11p	G	0.330357143	0.294642857	0.396442
rs2172257	MINA	C/T	03q	T	0.486607143	0.473214286	0.396808
rs6841334	KIAA0232	C/G	04p	G	0.391891892	0.354545455	0.397022
rs6511763		C/G	19p	C	0.144144144	0.115740741	0.39725

rs6533616	ALPK1	A/G	04q	G	0.098214286	0.120535714	0.397276
rs3742000		A/G	12q	G	0.172222222	0.207865169	0.397382
rs8142477	CPT1B	C/G	22q	C	0.138392857	0.112612613	0.397411
rs1347570	OVCH1	C/G	12p	G	0.418918919	0.459090909	0.397568
rs3761013		A/G	19p	G	0.355855856	0.31981982	0.397642
rs585627	C1orf107	C/G	01q	G	0.231818182	0.269230769	0.397894
rs11710965	ZNF445	C/T	03p	C	0.151785714	0.126126126	0.397896
rs1047626	SLC30A9	A/G	04p	A	0.28125	0.245535714	0.397985
rs3010877	AADACL3	C/T	01p	T	0.222727273	0.188679245	0.398147
rs2305030	LTK	C/T	15q	T	0.103603604	0.081081081	0.398282
rs1057091	MCPH1	C/T	08p	T	0.3125	0.276785714	0.398355
rs4801177	ZNF470	C/T	19q	C	0.3	0.263392857	0.398451
rs675531	C6orf190	C/T	06q	T	0.351351351	0.311926606	0.398461
rs1801243	ATP7B	G/T	13q	T	0.486363636	0.47706422	0.398466
rs25882	CSF2	C/T	05q	C	0.209821429	0.175675676	0.398511
rs4661330	FHAD1	A/G	01p	G	0.290909091	0.254545455	0.398705
rs154001	FBN2	C/T	05q	C	0.290178571	0.325892857	0.398774
rs2278107	EPHA7	C/T	06q	C	0.067567568	0.049107143	0.398836
rs10828663	KIAA1217	A/G	10p	A	0.252293578	0.286363636	0.398912
rs3750208	ZC3H3	C/T	08q	T	0.151785714	0.125	0.399057
rs2285421	UPK1A	C/T	19q	C	0.495535714	0.464285714	0.399144
rs9127		A/G	05q	A	0.468468469	0.491071429	0.399157
rs10233232	LOC136288	C/T	07p	T	0.053571429	0.075892857	0.399329
rs10764176	SLC39A12	A/G	10p	G	0.271428571	0.306603774	0.399424
rs2302610		C/G	02q	C	0.120535714	0.147321429	0.399519
rs25695	TMEM2	A/T	09q	A	0.077272727	0.058035714	0.399578
rs3807068	ZNF117	G/T	07q	G	0.348214286	0.387387387	0.399629
rs12269028	ZNF22, C10orf25	A/T	10q	A	0.297297297	0.334821429	0.399711
rs6875544		A/G	05p	A	0.068181818	0.049107143	0.399773
rs7925620		C/G	11p	C	0.381818182	0.345454545	0.400156
rs2240539	MTERFD2	C/G	02q	C	0.050458716	0.070754717	0.400189
rs1551569		C/T	19p	T	0.330357143	0.294642857	0.400661
rs2976708		C/T	03q	C	0.087155963	0.111650485	0.400675
rs4982419	OR5AU1	A/G	14q	G	0.231818182	0.200892857	0.400687
rs5750728	APOBEC3F	C/T	22q	C	0.446428571	0.490909091	0.401168
rs11707648		C/T	03p	C	0.160714286	0.191964286	0.401311
rs527221	DMPK	C/G	19q	C	0.098214286	0.125	0.401361

rs9880989	IQCG	G/T	03q	T	0.166666667	0.138392857	0.401457
rs7929412		A/G	11p	G	0.181818182	0.153153153	0.401508
rs2708890	LOC136288	A/C	07p	C	0.053571429	0.075892857	0.401616
rs10484549	C6orf12	C/T	06p	C	0.075892857	0.058035714	0.401783
rs8098788		C/T	18q	C	0.084821429	0.107142857	0.401834
rs614486	LOC374973	A/C	01p	C	0.306306306	0.272321429	0.401838
rs4679394	MUC13	A/G	03q	A	0.131818182	0.160714286	0.401944
rs10157977	C1orf99	C/G	01q	C	0.272727273	0.233333333	0.402069
rs394558	TATDN2	A/G	03p	A	0.415178571	0.450892857	0.40249
rs10807862		A/T	07p	A	0.133928571	0.160714286	0.402767
rs9843784	COMMD2	G/T	03q	G	0.423423423	0.463963964	0.402895
rs2239808	KCTD20	C/G	06p	G	0.220720721	0.1875	0.402948
rs1810247	LOC650137	C/T	15q	T	0.252252252	0.28125	0.403236
rs11668767	LTBP4	C/T	19q	T	0.373873874	0.334821429	0.403364
rs10778752	PTPRQ	A/T	12q	T	0.058035714	0.075892857	0.403412
rs1076669	ECE1	C/T	01p	T	0.09375	0.072072072	0.403471
rs713598	TAS2R38	C/G	07q	C	0.463963964	0.423423423	0.403734
rs3765124	ADAMDEC1	A/G	08p	G	0.382882883	0.418918919	0.403873
rs11089254		A/G	22q	A	0.058035714	0.040178571	0.40396
rs4963245	MGC34821	C/G	11q	C	0.308035714	0.272321429	0.404269
rs868302	SRL	A/G	16p	G	0.252252252	0.222222222	0.404291
rs11076256	GOT2	A/G	16q	A	0.160714286	0.189189189	0.404424
rs6082456		A/G	20p	G	0.40625	0.441964286	0.404495
rs2873479	TRDN	A/C	06q	A	0.080357143	0.102678571	0.404499
rs1053401		A/C	04p	A	0.072072072	0.09375	0.404534
rs1558526	A2ML1	A/G	12p	A	0.227678571	0.263392857	0.404599
rs2070150	ATF6	C/G	01q	C	0.09375	0.071428571	0.404925
rs1867780	SGK269	C/G	15q	C	0.299107143	0.263392857	0.404949
rs6027	F5	A/G	01q	G	0.086363636	0.064814815	0.404959
rs1801255	GPR56	A/C	16q	C	0.263392857	0.232142857	0.405075
rs2305777	CC2D1A	C/T	19p	T	0.234234234	0.267857143	0.405265
rs744224	IQGAP3	A/G	01q	A	0.258928571	0.225225225	0.40533
rs2886059	ALDH1L1	G/T	03q	T	0.142857143	0.171171171	0.405396
rs7222009	LOC645027	A/G	17p	G	0.410714286	0.446428571	0.405497
rs4504745	ZNF79	A/G	09q	A	0.462264151	0.419811321	0.405642
rs966185	DDEF1	A/G	08q	G	0.441964286	0.482142857	0.405802
rs10489177	C1orf112, C1orf156	A/C	01q	C	0.116071429	0.142857143	0.405972

rs12408890	WDR8	C/T	01p	C	0.348214286	0.383928571	0.406002
rs3795375	KIAA1804	C/T	01q	T	0.216216216	0.183035714	0.406042
rs6853742	SMR3A	C/T	04q	C	0.333333333	0.375	0.406059
rs3826096	CCDC113, Kikbl4	C/T	16q	T	0.495535714	0.455357143	0.40607
rs1813160	MPHOSPH10	A/C	02p	A	0.303571429	0.342342342	0.406144
rs11088818	C21orf99	C/T	21q	T	0.178571429	0.151785714	0.406437
rs7639618	LOC344875, LOC731643	C/T	03p	T	0.182242991	0.152777778	0.406444
rs11156431	LOC729788, LOC729792, LOC730400, LOC730401, LOC730408, LOC730409, LOC732021	C/T	06q	T	0.116071429	0.142857143	0.40693
rs3094672	LOC732021	A/T	06p	A	0.272321429	0.238738739	0.407021
rs7941404	AGBL2	C/T	11p	T	0.138392857	0.112612613	0.407023
rs3803199	LOC647166, LOC652259	A/G	13q	A	0.223214286	0.254464286	0.40721
rs3803200	LOC647166, LOC652259	A/G	13q	A	0.223214286	0.254464286	0.40721
rs4715631	DST	C/T	06p	T	0.290178571	0.325892857	0.407285
rs11204774	MGC29891	A/G	01q	A	0.086363636	0.064220183	0.407288
rs4688023	POPDC2	C/T	03q	T	0.455357143	0.415178571	0.407306
rs7926083	OR10A2	A/C	11p	C	0.40625	0.364864865	0.407686
rs3744355	CCDC16	C/G	17q	C	0.075892857	0.098214286	0.408031
rs1885097	ACIN1	A/G	14q	G	0.462616822	0.422018349	0.408037
rs211450	LYPLA2P1	A/G	06p	A	0.302752294	0.274774775	0.40875
rs2241414	CCDC113, Kikbl4	C/T	16q	C	0.084821429	0.108108108	0.408869
rs4951039	C1orf157	A/G	01q	G	0.127358491	0.159090909	0.409067
rs2106673	MAN2A2	C/T	15q	C	0.330357143	0.294642857	0.409087
rs2549782	LRAP	G/T	05q	T	0.5	0.45945946	0.409125
rs4982766	ZFHX2	A/G	14q	G	0.263392857	0.22972973	0.409133
rs7020782	PAPPA	A/C	09q	C	0.267857143	0.303571429	0.409192
rs2322659	LCT	C/T	02q	T	0.28125	0.31981982	0.409425
rs1774416		C/T	16q	C	0.144144144	0.169642857	0.409434
rs11082414	SETBP1	C/G	18q	C	0.1875	0.157657658	0.409486
rs3796028	TNS1	A/G	02q	A	0.397321429	0.357142857	0.409687
rs213950	CFTR	A/G	07q	A	0.346846847	0.383928571	0.409913
rs3742536	NID2	C/T	14q	T	0.289719626	0.254716981	0.410553
rs444772	RP1	A/G	08q	A	0.261261261	0.22972973	0.410599
rs1134647	SMYD2	A/G	01q	G	0.112612613	0.088785047	0.4106
rs2777998		A/T	01q	T	0.472222222	0.485294118	0.41064

rs2155633		A/G	11q	G	0.181818182	0.153153153	0.410701
rs1053926	PTPLA	C/T	10p	T	0.263392857	0.227678571	0.410878
rs2072315		A/G	05q	G	0.383928571	0.424107143	0.411117
rs3740861	ENDOD1	A/C	11q	A	0.28125	0.316964286	0.411157
rs2007506	ZNF208	A/G	19p	G	0.423423423	0.464285714	0.411157
rs2947594	C10orf120	C/T	10q	C	0.276785714	0.241071429	0.411232
rs3764779	B4GALT4	C/G	03q	G	0.243119266	0.210280374	0.41134
rs2294759	VNN3	A/G	06q	G	0.366071429	0.328828829	0.411765
rs4823540		C/T	22q	T	0.276785714	0.310810811	0.411922
rs1372325	ACTA2	A/G	10q	G	0.405	0.443298969	0.411943
rs2961144	OR2A5	A/G	07q	G	0.285714286	0.321428571	0.412241
rs2306331	AP4E1	C/T	15q	C	0.450892857	0.410714286	0.412354
rs4804078		A/C	19p	A	0.213636364	0.245535714	0.41241
rs449937		C/T	11p	C	0.227678571	0.196428571	0.412504
rs2294689	TTRAP	C/G	06p	G	0.0625	0.044642857	0.412623
rs894157	C15orf42	C/T	15q	C	0.084821429	0.107142857	0.412634
rs963075	SERPINB10	A/G	18q	A	0.303571429	0.272321429	0.412808
rs689647	TP53BP1	C/T	15q	T	0.142857143	0.117117117	0.412811
rs289844	LOC727840	C/T	02q	T	0.129464286	0.15625	0.412853
rs11084495	LOC731151	C/T	19q	T	0.429245283	0.391509434	0.412924
rs10755864		C/T	07q	T	0.31981982	0.359090909	0.412965
rs2243518	CDH17	A/G	08q	A	0.223214286	0.191964286	0.412971
rs292539		C/G	07q	G	0.272321429	0.236607143	0.413022
rs3736781	BTN1A1	A/G	06p	A	0.495454546	0.464285714	0.413044
rs273957	CREB3L2	C/T	07q	C	0.383928571	0.345454545	0.413181
rs7431184		C/T	03p	C	0.09375	0.116071429	0.413216
rs6859959		A/T	05q	A	0.315	0.347826087	0.413329
rs8012	GCDH	A/G	19p	A	0.419642857	0.459459459	0.413399
rs2802808	NFASC	C/G	01q	G	0.306306306	0.342342342	0.413477
rs6048760	GZF1	A/C	20p	C	0.441964286	0.482142857	0.413756
rs2614668	AKAP13	C/T	15q	T	0.058035714	0.076576577	0.413933
rs2424800		G/T	20q	G	0.495327103	0.462962963	0.414119
rs7797838		C/G	07q	G	0.328703704	0.291666667	0.41433
rs3810151	ZNF526	A/G	19q	G	0.107142857	0.084821429	0.414459
rs4964026		C/G	12p	G	0.196428571	0.227678571	0.414471
rs1135056	COL9A1	A/G	06q	G	0.412037037	0.448113208	0.414611
rs286299	LOC401898	G/T	19p	T	0.15625	0.129464286	0.414669

rs1164671		A/G	11p	G	0.15625	0.184684685	0.415292
rs10512243	C9orf102	C/T	09q	T	0.094736842	0.120879121	0.415479
rs11250238	IDI1, C10orf110	C/T	10p	T	0.081081081	0.102678571	0.4157
rs2227275	MATN4	A/G	20q	A	0.272727273	0.240909091	0.415964
rs208753	PCM1	A/G	08p	A	0.232142857	0.200892857	0.416052
rs494357	RAP1A	C/T	01p	T	0.086538462	0.112149533	0.416131
rs3744307	SLC16A6	A/C	17q	C	0.165178571	0.138392857	0.416262
rs11564620	PLA2G4C	A/C	19q	C	0.09009009	0.111607143	0.416266
rs4935502	PCDH15	G/T	10q	G	0.102941176	0.126213592	0.416323
rs8107220	LOC284395	A/G	19q	A	0.116071429	0.09375	0.416413
rs2516489		A/G	06p	A	0.207207207	0.175675676	0.416558
rs11223168	CNTN5	A/G	11q	G	0.058035714	0.077272727	0.416665
rs2072671	CDA	A/C	01p	C	0.342342342	0.379464286	0.41672
rs3177483		A/G	03p	A	0.116071429	0.142857143	0.416764
rs238209	ZNFX1	C/T	20q	C	0.207207207	0.241071429	0.416871
rs4968849	ABCA10	A/G	17q	A	0.277272727	0.315315315	0.416943
rs344560	TNFSF14	A/G	19p	A	0.068807339	0.049019608	0.417329
rs2584021		A/G	12q	A	0.102678571	0.080357143	0.417356
rs1926447	CPB2	C/T	13q	T	0.25	0.283783784	0.417441
rs15895	OAS2	C/T	12q	T	0.373873874	0.339449541	0.41804
rs8192707		A/G	20q	G	0.125	0.151785714	0.418224
rs1982074	KRI1	C/T	19p	C	0.200892857	0.169642857	0.418518
rs6518223	C21orf86	C/T	21q	C	0.486607143	0.450892857	0.418941
rs3094806	LOC440776	A/C	21q	A	0.191964286	0.162162162	0.419018
rs2071543	PSMB8, TAP1	A/C	06p	A	0.128440367	0.102803738	0.419526
rs414743	ADARB1, hCG_401283,						
rs2291895	LOC732307	A/G	21q	A	0.283783784	0.321428571	0.419663
rs10783528	BCAT1	C/G	12p	G	0.142857143	0.117117117	0.419844
rs2294047	KRT77	C/T	12q	T	0.375	0.414414414	0.419869
rs8192284	PDLIM2	C/T	08p	T	0.424107143	0.383928571	0.419941
rs949493	IL6R	A/C	01q	C	0.441964286	0.40625	0.420451
rs1063412	STAU2	C/T	08q	C	0.0625	0.084821429	0.420932
rs2071563	PIGC, C1orf105	C/T	01q	C	0.433035714	0.396396396	0.421021
rs448740	KRT32	C/T	17q	T	0.364864865	0.401785714	0.421363
rs2232386	FCGR3B, LOC652578	C/T	01q	T	0.285714286	0.3125	0.4214
rs1689742	KRT75	C/G	12q	G	0.118181818	0.095454546	0.421445
		C/G	05p	C	0.486486487	0.477272727	0.421498

rs6546837	ALMS1	C/G	02p	C	0.27027027	0.23853211	0.422261
rs40401	IL3	C/T	05q	T	0.236607143	0.202702703	0.422369
rs1673408	PKHD1L1	G/T	08q	T	0.459821429	0.5	0.422395
rs2271077	GALNTL2	C/T	03p	T	0.053571429	0.071428571	0.422734
rs1046974	SAG	A/G	02q	A	0.45	0.495495495	0.422747
rs9897031	KRTAP4-14, LOC653240	C/T	17q	C	0.227678571	0.200892857	0.422844
rs35213	CDH11	A/C	16q	A	0.209090909	0.178571429	0.422998
rs32857	DP58	C/T	05q	T	0.15625	0.130630631	0.423118
rs4884207		C/T	13q	T	0.330357143	0.369369369	0.423393
rs3810813	BTBD12	A/G	16p	A	0.071428571	0.053571429	0.42376
rs2276315		A/G	18q	A	0.139423077	0.166666667	0.423786
rs999813	KIAA1683	G/T	19p	T	0.486607143	0.450450451	0.423868
rs9705036		C/T	11p	T	0.299107143	0.334821429	0.424006
rs680055	CYP3A43	C/G	07q	C	0.053571429	0.071428571	0.424015
rs1440331		A/C	18q	A	0.258928571	0.290178571	0.424026
rs3189030	NRAP	C/T	10q	T	0.303571429	0.267857143	0.424277
rs627441	DLAT	A/G	11q	G	0.383928571	0.418181818	0.424403
rs3734838	TRIM31	A/G	06p	A	0.111607143	0.09009009	0.424414
rs2273779	PRG4	A/G	01q	A	0.357142857	0.392857143	0.424556
rs10804117	ALS2CR11	A/T	02q	T	0.408256881	0.45	0.424753
rs15911	CTBS	C/T	01p	T	0.247747748	0.21875	0.424771
rs7241075	OSBPL1A	C/T	18q	T	0.196428571	0.166666667	0.424827
rs2105117	LCE5A	C/T	01q	C	0.401785714	0.366071429	0.424977
rs1983346	NDC80	C/G	18p	C	0.25	0.216216216	0.425201
rs7550055		G/T	01q	G	0.232142857	0.265765766	0.425357
rs664850		C/T	09q	C	0.21875	0.189189189	0.425615
rs7117260	OR51S1	A/C	11p	A	0.454545454	0.407216495	0.425626
rs6483617	NAV2	A/G	11p	A	0.276785714	0.310810811	0.425896
rs1044141	STK17A	A/G	07p	A	0.241071429	0.209821429	0.426041
rs4788591	PKD1L3	A/G	16q	A	0.222727273	0.191964286	0.42618
rs2746325	FLJ44005	A/G	01q	A	0.191964286	0.220720721	0.426335
rs743920	EMID1	C/G	22q	C	0.138392857	0.116071429	0.426505
rs2275438	C10orf4	C/G	10q	C	0.485981308	0.449074074	0.426566
rs2108673		C/T	07q	T	0.308035714	0.346846847	0.426566
rs2839227	PCNT	A/G	21q	G	0.117117117	0.142857143	0.426626
rs459552	APC	A/T	05q	A	0.227678571	0.196428571	0.42675
rs164365	SLC5A8	A/C	12q	A	0.196428571	0.225225225	0.426809



rs11612613		C/T	12q	T	0.200892857	0.232142857	0.426982
rs1156287	STXBP4	C/T	17q	C	0.285714286	0.254464286	0.426987
rs1877273		C/T	16q	T	0.125	0.148648649	0.427093
rs3792594	PDCD6IP	C/T	03p	T	0.232142857	0.200892857	0.427285
rs8027194	BCL8	A/G	15q	A	0.321428571	0.346846847	0.427794
rs4842838	ADAMTSL3	G/T	15q	G	0.418918919	0.455357143	0.427869
rs1184626	ST6GALNAC3	A/C	01p	A	0.4375	0.401785714	0.427953
rs6545911		C/T	02p	C	0.151785714	0.125	0.428141
rs2363681	FHIT	C/T	03p	T	0.397321429	0.433035714	0.428317
rs874808	DNAH8	C/T	06p	T	0.369369369	0.40625	0.428354
rs2882676	ACAN	G/T	15q	T	0.311926606	0.348623853	0.428702
rs3733391	MAP9	A/G	04q	A	0.169724771	0.201834862	0.42878
rs240736	COL12A1	C/T	06q	C	0.310810811	0.274774775	0.428887
rs11096964	FAM114A1	A/G	04p	A	0.25	0.285714286	0.429077
rs11944159	FAM114A1	C/T	04p	C	0.25	0.285714286	0.429077
rs6185	GNRH1	C/G	08p	C	0.279279279	0.247747748	0.429202
rs7021572	C9orf138	C/T	09p	T	0.306306306	0.272321429	0.429202
rs4752761		C/T	11p	T	0.274774775	0.308035714	0.429382
rs2740583	PCDHB8, PCDHB16	C/T	05q	C	0.357142857	0.321428571	0.429613
rs7537937	GBP2	C/G	01p	G	0.334821429	0.369369369	0.429745
rs7260518	KIAA1881	C/T	19p	T	0.135514019	0.111111111	0.429775
rs10763975	C10orf112	A/G	10p	G	0.155963303	0.128440367	0.429802
rs1972977	AADACL2	A/C	03q	C	0.330357143	0.366071429	0.429823
rs2304053	FAT2	A/G	05q	G	0.449541284	0.486111111	0.429849
rs2296942		A/C	09q	C	0.428571429	0.392857143	0.429866
rs739999	RGS11	A/G	16p	G	0.121621622	0.147321429	0.430175
rs2298720	SLC14A1	C/T	18q	T	0.077272727	0.060185185	0.430269
rs11876	NTHL1, SLC9A3R2	C/T	16p	T	0.184684685	0.213636364	0.430303
rs3883305	LOC644397	A/G	17q	A	0.214285714	0.184684685	0.430356
rs7246856	ZNF749	G/T	19q	T	0.392473118	0.431578947	0.430589
rs963981	KIAA1804	A/C	01q	C	0.214285714	0.183035714	0.430671
rs11074471	THUMPD1	A/C	16p	A	0.160714286	0.1875	0.430987
rs735295	CCDC77	C/T	12p	C	0.236111111	0.268181818	0.431013
rs741445	ZNF507	A/C	19q	A	0.290178571	0.324324324	0.431163
rs13021	PNN	A/G	14q	G	0.098214286	0.120535714	0.431232
rs1049544	SPARCL1	C/G	04q	G	0.373873874	0.342342342	0.431355
rs11147976	C13orf3	C/T	13q	C	0.125	0.102678571	0.431499

rs11147977	C13orf3	A/G	13q	A	0.125	0.102678571	0.431499
rs10876328		A/G	12q	A	0.184684685	0.157657658	0.431516
rs3783290	C14orf49	G/T	14q	G	0.391891892	0.357142857	0.431646
rs2291219	RPESP	A/G	08q	A	0.28125	0.25	0.432123
rs3733699	PCDHB3	A/T	05q	A	0.2	0.169642857	0.432207
rs1551118	C12orf64	A/G	12q	G	0.231132076	0.195454546	0.43221
rs11738216		C/T	05q	T	0.231182796	0.197802198	0.432675
rs10864219	USH2A	A/G	01q	G	0.441964286	0.481981982	0.432725
rs11921691	ZDHHC23	A/G	03q	A	0.466666667	0.495283019	0.433142
rs2708943	IL1F7	C/G	02q	G	0.070093458	0.051401869	0.433409
rs2290207	TNS4	A/G	17q	A	0.263392857	0.22972973	0.433458
rs4079366	CYP2A7	A/G	19q	A	0.213636364	0.23853211	0.433698
rs5063	NPPA	A/G	01p	A	0.071428571	0.053571429	0.433959
rs375556		C/G	06p	C	0.428571429	0.463963964	0.433966
rs2822558		A/G	21q	A	0.142857143	0.169642857	0.434291
rs3829658	SIGLEC12	C/T	19q	C	0.308035714	0.34375	0.434624
rs1254445		C/G	07q	G	0.272321429	0.238738739	0.434672
rs2979109		C/T	08q	C	0.418918919	0.383928571	0.434703
rs2883247		A/G	01q	G	0.122727273	0.148648649	0.434797
rs1561736	FLJ11184	C/T	04q	C	0.373873874	0.351351351	0.43512
rs2048741		A/G	09q	A	0.414414414	0.379464286	0.435621
rs941048	FLJ22655	C/T	12p	C	0.113636364	0.138392857	0.435711
rs6477532		G/T	09q	G	0.410714286	0.373873874	0.435917
rs139297	APOBEC3H	C/G	22q	C	0.433035714	0.46875	0.436375
rs3747787	AIM1	C/T	06q	C	0.245535714	0.276785714	0.436471
rs4237190	TRIM14, NANS	A/G	09q	G	0.445945946	0.482142857	0.436943
rs2241481		C/T	04p	T	0.361607143	0.324324324	0.437305
rs2826246		G/T	21q	T	0.260416667	0.295698925	0.437314
rs7937237	OR51B2	C/G	11p	C	0.084821429	0.107142857	0.437403
rs11114486	PTPRQ	A/C	12q	C	0.285714286	0.316964286	0.437557
rs203717	LOC147710	C/T	19q	T	0.205357143	0.175675676	0.437785
rs4987682	TRPV6	C/T	07q	C	0.053571429	0.071428571	0.437897
rs5753105	LOC550631	C/G	22q	C	0.209821429	0.241071429	0.437932
rs7932325		A/G	11p	G	0.129464286	0.15625	0.437951
rs1278942		C/T	14q	C	0.209821429	0.241071429	0.438196
rs10768157		A/C	11p	A	0.355855856	0.390909091	0.438273
rs2947865		C/T	17q	T	0.362385321	0.325242718	0.438296

rs847955		A/G	07p	G	0.22972973	0.258928571	0.438306
rs4322814		A/G	02p	A	0.160714286	0.1875	0.43834
rs7202826	LOC646939	A/C	16p	C	0.415178571	0.450450451	0.438503
rs2229113	IL10RA	A/G	11q	A	0.272321429	0.306306306	0.438766
rs6843900	UGT2B28	G/T	04q	T	0.348214286	0.324324324	0.438979
rs139302	APOBEC3H	C/G	22q	C	0.433035714	0.468468468	0.439071
rs10431277		A/G	12p	A	0.258928571	0.227678571	0.439258
rs2219898	CSMD3	A/G	08q	G	0.274774775	0.309090909	0.439421
rs757262	TRIM40	A/G	06p	A	0.24	0.272277228	0.43966
rs1880024	C4orf23	C/T	04p	T	0.379464286	0.34375	0.43974
rs1046248	BDKRB2	C/T	14q	T	0.099099099	0.077981651	0.439838
rs1138358	BCL2A1	G/T	15q	G	0.276785714	0.245535714	0.439936
rs7536561	LHX4	A/G	01q	A	0.476851852	0.485576923	0.440445
rs2070446	Rgr	C/T	22q	C	0.290178571	0.258928571	0.440615
rs2278106	EPHA7	A/G	06q	A	0.066964286	0.05	0.440623
rs7203042	LOC646939	C/T	16p	C	0.419642857	0.455357143	0.441042
rs793440	FILIP1L, C3orf26	C/T	03q	T	0.334862385	0.302752294	0.441152
rs1364261		A/G	16q	A	0.086363636	0.067567568	0.441159
rs5998478	BPIL2	A/G	22q	A	0.481981982	0.445945946	0.441191
rs7306642	STAB2	A/C	12q	A	0.071428571	0.053571429	0.441289
rs12366671	AKAP3	A/G	12p	G	0.111607143	0.135135135	0.441374
rs1243469	RNASE7	C/T	14q	C	0.130630631	0.107142857	0.441556
rs557491	ABCA5	C/T	17q	T	0.459821429	0.5	0.441582
rs10407682		A/G	19p	A	0.310679612	0.272277228	0.441583
rs3740526	MMS19	A/G	10q	A	0.458762887	0.414141414	0.441712
rs184967	MSH3	A/G	05q	A	0.157657658	0.133928571	0.442009
rs6784389	ZPLD1	A/G	03q	G	0.135135135	0.111607143	0.442061
rs44058		A/T	05q	A	0.327272727	0.359813084	0.442078
rs3795374	KIAA1804	A/C	01q	A	0.213636364	0.183035714	0.442116
rs2653601	C11orf16	A/G	11p	A	0.313636364	0.348214286	0.442141
rs4149965	EXO1	A/G	01q	A	0.265765766	0.234234234	0.442193
rs2020865	FMO2	G/T	01q	G	0.054054054	0.072072072	0.4422
rs4269454	MUC17	C/T	07q	C	0.130630631	0.107142857	0.442364
rs3797005		A/G	04q	G	0.378378378	0.415178571	0.442448
rs7867847		C/T	09p	T	0.241071429	0.209821429	0.442625
rs9891498		A/G	17q	G	0.388392857	0.424107143	0.442877
rs10459477	LOC643332	A/G	14q	A	0.276785714	0.308035714	0.442951

rs10839616	OR2AG2	C/G	11p	G	0.198198198	0.227272727	0.442993
rs1818	TGS1, TMEM68	C/T	08q	T	0.107142857	0.129464286	0.443091
rs1025806	KIAA0494, LOC374973	A/G	01p	A	0.294642857	0.263392857	0.443097
rs1152888	IRAK3	A/G	12q	A	0.081081081	0.063063063	0.443156
rs11738161		C/T	05q	T	0.252252252	0.223214286	0.443163
rs6511739		C/G	19p	C	0.135135135	0.160714286	0.443196
rs952719	LOC152663	A/C	04q	A	0.107142857	0.129464286	0.443207
rs615381	RNF212	A/G	04p	G	0.121621622	0.099099099	0.443366
rs12091750	PLEKHM2	C/T	01p	C	0.232142857	0.263392857	0.443446
rs7818806		A/G	08q	A	0.211711712	0.183486238	0.443768
rs1227051	CDH23	C/T	10q	C	0.166666667	0.196428571	0.443772
rs1944270	SERPINB8	C/T	18q	T	0.267857143	0.300925926	0.443893
rs1982151	RMI1	A/G	09q	A	0.287037037	0.25	0.444146
rs2703806	SPECC1	A/T	17p	A	0.414141414	0.37745098	0.44415
rs8107444	ZNF28, ZNF320	A/G	19q	A	0.094594595	0.117117117	0.444182
rs921027		C/G	05q	C	0.419642857	0.383928571	0.444264
rs2291157	EVC	G/T	04p	G	0.075892857	0.098214286	0.444311
rs4629585	FLJ41603	A/C	05q	C	0.339285714	0.303571429	0.444343
rs10989589	GRIN3A	C/T	09q	T	0.397321429	0.433035714	0.4444
rs3110234	LIFR	C/T	05p	T	0.184684685	0.214953271	0.444493
rs2920048	ZFPM2	C/G	08q	C	0.15625	0.183035714	0.44452
rs12146709	CAPRIN2	C/T	12p	C	0.267857143	0.236607143	0.444562
rs1060896	SLC28A2	A/C	15q	C	0.361607143	0.397321429	0.444747
rs4796555	FBXO39	C/T	17p	T	0.245454546	0.21559633	0.44485
rs704326	CACNA1E	C/T	01q	T	0.455357143	0.419642857	0.44493
rs2248609	MGC39715	A/G	08q	G	0.315315315	0.348214286	0.444966
rs2361503	LOC339766	A/G	02q	A	0.432432432	0.468181818	0.445083
rs1359992		A/T	09q	T	0.348214286	0.316964286	0.445104
rs8118712		A/C	20q	A	0.231818182	0.258928571	0.445503
rs670139		A/C	11q	A	0.415178571	0.379464286	0.445902
rs458017	REV3L	C/T	06q	C	0.0625	0.081081081	0.446079
rs4586516		C/G	17q	G	0.183035714	0.15625	0.446441
rs2232950	SCGB1D2	C/T	11q	T	0.316964286	0.283783784	0.446704
rs3742264	CPB2	C/T	13q	T	0.351851852	0.319047619	0.44696
rs5744463	CD180	C/G	05q	C	0.089285714	0.111607143	0.447012
rs7242964		C/G	18p	C	0.220183486	0.25	0.447015
rs2973558	RGNEF	G/T	05q	T	0.330357143	0.294642857	0.447034

rs388706	ZNF45	C/T	19q	C	0.482142857	0.446428571	0.447086
rs343376	FOXJ3	C/T	01p	T	0.207207207	0.178571429	0.447173
rs2243525	LGALS8	C/G	01q	G	0.267857143	0.297297297	0.447222
rs11072170	FMN1	C/T	15q	T	0.379464286	0.415178571	0.447288
rs549148	INSL5	A/T	01p	T	0.163265306	0.195	0.447354
rs1071600	MYOM1	C/T	18p	C	0.129464286	0.15625	0.447715
rs2018721	SETD4	C/T	21q	C	0.28125	0.25	0.44773
rs11567855		A/G	07q	A	0.433035714	0.397321429	0.447897
rs2291189	SLFN5	C/T	17q	T	0.053571429	0.071428571	0.447975
rs12520809	C5orf20	C/T	05q	C	0.45045045	0.486238532	0.448063
rs7825	OVGP1	C/G	01p	G	0.388392857	0.423423423	0.448286
rs6662382	OR10T2	C/T	01q	C	0.316964286	0.285714286	0.448333
rs1737145	C6orf167	A/G	06q	G	0.440909091	0.477477478	0.448335
rs7494244	C14orf162	A/T	14q	A	0.201834862	0.171171171	0.448403
rs1893523	KIAA1632	A/G	18q	A	0.13963964	0.165178571	0.448613
rs6907125	GPR111	A/G	06p	A	0.35	0.381818182	0.448629
rs1826028	FLJ31033	A/C	04q	C	0.283783784	0.247747748	0.448822
rs1801058	GRK4	C/T	04p	T	0.459821429	0.422727273	0.448834
rs754224	C1orf142	G/T	01q	T	0.171171171	0.2	0.448869
rs400037	AXIN1, PDIA2	C/T	16p	T	0.200892857	0.174107143	0.448885
rs1135093	FLJ41603	C/T	05q	T	0.241071429	0.209821429	0.448952
rs11854184	KIAA0256	A/C	15q	A	0.225225225	0.193693694	0.448968
rs4468717	TGIF1	A/G	18p	A	0.094594595	0.072727273	0.449082
rs2233558	OR2S2	A/G	09p	G	0.348214286	0.310810811	0.449305
rs766425	FLJ46020	A/C	21q	A	0.477678571	0.486607143	0.449317
rs6820348		A/C	04q	C	0.166666667	0.13963964	0.449323
rs1656922	KNG1	C/T	03q	T	0.45945946	0.495535714	0.449439
rs3818831	FLG2, LOC648187	A/G	01q	A	0.172727273	0.144859813	0.449619
rs2258470	ANKRD38	A/G	01p	A	0.288288288	0.254464286	0.449735
rs3738952	CUL3	A/G	02q	A	0.098214286	0.075892857	0.449737
rs1479500	IFLTD1	A/T	12p	A	0.169642857	0.142857143	0.449842
rs11860456	CES7	A/C	16q	C	0.285714286	0.254464286	0.44985
rs4261529		C/T	16p	T	0.316964286	0.285714286	0.449991
rs231518	MPP2	A/G	17q	A	0.11682243	0.140776699	0.449993
rs11228732	OR9G1	G/T	11q	G	0.263392857	0.288288288	0.450033
rs7947780	C11orf82	G/T	11q	T	0.337837838	0.300925926	0.450124
rs596783	FLJ40194	A/G	17q	G	0.220720721	0.195454546	0.450339

rs11955611	FLJ46010	C/T	05q	T	0.223214286	0.254464286	0.450345
rs7761731	CYP39A1	A/T	06p	T	0.210280374	0.240384615	0.450381
rs2278170		C/T	11p	T	0.297029703	0.264423077	0.450629
rs7163367	LOC56964	A/T	15q	A	0.415178571	0.450892857	0.450719
rs11910627	IFNGR2	C/G	21q	C	0.272321429	0.241071429	0.450769
rs1051006	MADD	A/G	11p	A	0.183035714	0.15625	0.450923
rs12187913	PLAC8L1	A/T	05q	T	0.301801802	0.27027027	0.45122
rs4833513		C/T	04q	C	0.171171171	0.146788991	0.451349
rs9677004	ZNF530	A/G	19q	G	0.13963964	0.165178571	0.451438
rs7285167	APOL2	A/G	22q	A	0.066964286	0.049107143	0.451668
rs1499280	ITGA1, PELO	G/T	05q	G	0.072916667	0.094059406	0.451806
rs733731	PGLYRP2	A/G	19p	A	0.348214286	0.383928571	0.451967
rs2466615	OR8G2	G/T	11q	T	0.477477477	0.486607143	0.452331
rs1893566	LOXHD1	C/T	18q	T	0.169642857	0.142857143	0.452411
rs10422064	FSTL3, PRSSL1	A/G	19p	A	0.200892857	0.227678571	0.452511
rs2722372	TXNDC3	A/G	07p	A	0.23853211	0.268181818	0.452553
rs11074359	COQ7	C/T	16p	C	0.40625	0.370535714	0.452567
rs3745764	HKR1	A/G	19q	A	0.28125	0.25	0.452711
rs3813922		A/C	20q	A	0.178571429	0.151785714	0.45291
rs10510592	NEK10	C/T	03p	C	0.258928571	0.288288288	0.453369
rs1741327	SMOX	A/G	20p	A	0.321428571	0.357142857	0.453732
rs3812054	MEGF10	C/T	05q	T	0.151785714	0.125	0.453896
rs3747517	IFIH1	A/G	02q	A	0.265625	0.304597701	0.453897
rs1641209	LOC646762	C/T	07p	C	0.34375	0.381818182	0.453922
rs1641210	LOC646762	C/T	07p	C	0.34375	0.381818182	0.453922
rs4862357	LOC391722, LOC642076	A/G	04q	A	0.339285714	0.375	0.454098
rs2227271	UBQLN3	A/G	11p	A	0.334821429	0.370535714	0.454114
rs9891146	C17orf58	C/T	17q	T	0.28125	0.310810811	0.454252
rs2302588	WDR21A	C/G	14q	G	0.111607143	0.089285714	0.454279
rs2288675	ANP32C	A/G	04q	A	0.491071429	0.472477064	0.454436
rs1154400	ADH5	C/T	04q	C	0.272321429	0.303571429	0.454467
rs2168188		A/G	15q	A	0.211711712	0.241071429	0.454469
rs3750206	ZC3H3	A/T	08q	A	0.181818182	0.150943396	0.454697
rs9373985	FHL5	C/G	06q	G	0.393203884	0.357142857	0.454923
rs3811514	SKIP	A/G	02q	G	0.495535714	0.46875	0.455031
rs4980999		A/G	12q	A	0.121621622	0.098214286	0.455119
rs8005834	LOC728635, LOC731356	C/G	14q	G	0.191964286	0.220720721	0.455384

rs1990760	IFIH1	C/T	02q	C	0.369369369	0.40625	0.455512
rs702689	MAP3K1	A/G	05q	G	0.308035714	0.276785714	0.455513
rs2292245	PTPRG	A/G	03p	A	0.1875	0.163636364	0.45567
rs1050784	KRT15	A/G	17q	A	0.336363636	0.301801802	0.455672
rs1995158	OR52H1	C/T	11p	T	0.183486239	0.211711712	0.45612
rs3813227	ALMS1	C/T	02p	T	0.274774775	0.245535714	0.456155
rs11853050	FLJ39531	C/T	15q	T	0.102678571	0.125	0.456161
rs11682068	OLA1	A/G	02q	G	0.419642857	0.386363636	0.456216
rs7556132		A/G	01q	A	0.45	0.414414414	0.456492
rs3761203		G/T	20q	T	0.491071429	0.473214286	0.456495
rs4501363		A/G	05p	A	0.334821429	0.301801802	0.456511
rs3178519		C/G	17q	C	0.297297297	0.263392857	0.456781
rs12312266	PIK3C2G	C/T	12p	T	0.234234234	0.205357143	0.456847
rs374185		A/G	19q	G	0.355855856	0.321428571	0.456901
rs2774960	KIAA1549	A/G	07q	A	0.352678571	0.316964286	0.457213
rs10807372	GPR111	A/G	06p	A	0.352678571	0.383928571	0.457282
rs226794	ADAMTS5	A/G	21q	A	0.102678571	0.125	0.457425
rs614945	RNF212	G/T	04p	T	0.120535714	0.099099099	0.457448
rs3811515	SKIP	G/T	02q	G	0.259090909	0.227678571	0.457492
rs9320001	PIGN	C/G	18q	G	0.241071429	0.272321429	0.457494
rs1670093		C/T	15q	T	0.297979798	0.322916667	0.457632
rs9388768	L3MBTL3	A/C	06q	C	0.308411215	0.339449541	0.4577
rs9615325		A/G	22q	G	0.330357143	0.299107143	0.457743
rs1793174	AMICA1	A/G	11q	A	0.216216216	0.247747748	0.458025
rs3088241	PUS3, HYLS1	C/G	11q	C	0.450892857	0.486607143	0.458095
rs7168069	ITGA11	A/C	15q	A	0.174107143	0.200892857	0.458543
rs9381594	GPR111	A/G	06p	A	0.355855856	0.387387387	0.45865
rs10872670	AKAP12	A/G	06q	A	0.204545454	0.234234234	0.459017
rs532598	SEMA6D	C/T	15q	T	0.328703704	0.365740741	0.45902
rs10466659	OR5B2	A/G	11q	G	0.219626168	0.252380952	0.459131
rs10904535	DIP2C, C10orf108	A/G	10p	G	0.094594595	0.116071429	0.459255
rs310589		A/G	07q	A	0.375	0.40625	0.459324
rs6858409		C/T	04q	T	0.166666667	0.142857143	0.459403
rs801720	CERK	G/T	22q	T	0.382882883	0.418181818	0.459406
rs7942047	OR8D4	C/T	11q	T	0.236607143	0.209821429	0.459416
rs10848499		A/G	12p	G	0.383928571	0.419642857	0.459597
rs958305	ZNF607	C/T	19q	T	0.209821429	0.18018018	0.459645

rs1008001		G/T	02p	G	0.09009009	0.111607143	0.459748
rs8026898		A/G	15q	A	0.245535714	0.274774775	0.459873
rs2274802	USP16	A/T	21q	T	0.303571429	0.272321429	0.460182
rs9303634	WSB1	C/T	17p	C	0.446428571	0.410714286	0.460304
rs2113089		C/T	19p	T	0.18018018	0.209821429	0.460444
rs1964130		C/G	06q	G	0.268181818	0.236607143	0.460697
rs6664332	OR2L13, OR2AK2	A/G	01q	A	0.347222222	0.313084112	0.460783
rs879368	TBC1D2	A/C	09q	A	0.227272727	0.258928571	0.460866
rs5167	APOC2, APOC4	G/T	19q	G	0.360576923	0.328703704	0.460924
rs4792147	ALOX15B	A/G	17p	G	0.472972973	0.491071429	0.460999
rs1063743	TACC3	A/G	04p	A	0.245535714	0.214285714	0.461007
rs4757627		A/C	11p	C	0.490990991	0.454954955	0.461011
rs740223	LOC550631	C/T	22q	T	0.222727273	0.254464286	0.461093
rs1042704	MMP14	A/G	14q	A	0.200892857	0.227678571	0.461238
rs3812619	ECD	C/T	10q	T	0.084821429	0.066964286	0.461481
rs3735135	CDC2L5	C/T	07p	C	0.080357143	0.0625	0.461635
rs614076	LOC253820	C/G	03q	G	0.366071429	0.334821429	0.462276
rs6967117	EPHA1	C/T	07q	T	0.081818182	0.102678571	0.462419
rs10839631	OR10A2	A/G	11p	G	0.40625	0.368181818	0.462523
rs4445906	ABCA17	A/G	16p	G	0.292792793	0.325892857	0.462569
rs3762872	LOC732275	C/T	16q	T	0.495049505	0.462765957	0.462695
rs2298312	C9orf131	A/T	09p	T	0.080357143	0.0625	0.462848
rs12648093	NUDT6	A/G	04q	A	0.254464286	0.285714286	0.462905
rs1004588	DGKG	C/G	03q	C	0.453703704	0.490566038	0.463076
rs6784362	ZPLD1	A/T	03q	T	0.133928571	0.111607143	0.463155
rs3827318	LOC51233	A/G	22q	G	0.116071429	0.13963964	0.463205
rs10440276	FLJ45721	C/T	04p	T	0.40625	0.441441441	0.463231
rs3735781		A/G	08p	G	0.383928571	0.418918919	0.463242
rs8113341	LOC388503	A/G	19p	A	0.200892857	0.174107143	0.463244
rs1790218	SLC22A10	A/G	11q	G	0.490196078	0.457943925	0.463246
rs415895	SWAP70	C/G	11p	G	0.342342342	0.310810811	0.463246
rs4927635	SNTG2	C/T	02p	C	0.482142857	0.446428571	0.463395
rs6972158	NPSR1, AAA1	A/G	07p	G	0.328828829	0.361607143	0.463888
rs542137	ZAN	C/G	07q	C	0.369369369	0.404545454	0.464131
rs4924089		A/G	15q	G	0.232142857	0.205357143	0.464345
rs882709	SETX	C/G	09q	G	0.080357143	0.063063063	0.464518
rs526680	CLEC2A	C/T	12p	C	0.316964286	0.348214286	0.464598



rs6891976		A/G	05q	G	0.098214286	0.120535714	0.464929
rs10199088	MPHOSPH10	A/C	02p	C	0.303571429	0.337837838	0.464931
rs2003783	KLK3	G/T	19q	T	0.09375	0.113636364	0.465023
rs4140446	MDN1	C/T	06q	C	0.195454545	0.169642857	0.465355
rs2252784	PTPRB	A/G	12q	A	0.419642857	0.383928571	0.46553
rs2231119	HLA-A, HLA-A29.1	A/T	06p	A	0.325892857	0.303571429	0.465559
rs3816032	RHPN2, C19orf40	C/T	19q	C	0.107142857	0.129464286	0.465582
rs446644	DZIP1L	C/T	03q	T	0.165178571	0.138392857	0.465593
rs2068061	ZNF224	C/T	19q	T	0.143678161	0.170212766	0.465795
rs2304748	C8orf41	C/T	08p	T	0.419642857	0.383928571	0.465796
rs9889274		C/T	17q	T	0.112612613	0.133928571	0.465799
rs1970473		A/C	10q	C	0.348214286	0.315315315	0.466052
rs11756977	DST	C/T	06p	T	0.290178571	0.321428571	0.466058
rs7839934	EPPK1	C/G	08q	C	0.263392857	0.294642857	0.466296
rs10999147	H2AFY2, AIFM2	A/G	10q	G	0.102678571	0.125	0.466309
rs2918300		A/G	19p	A	0.381818182	0.415178571	0.466442
rs1950902	MTHFD1	C/T	14q	T	0.174107143	0.148648649	0.466561
rs2290213	KIAA0241	A/T	07p	A	0.111607143	0.135135135	0.46683
rs2291827	HSPG2	A/G	01p	A	0.184684685	0.159090909	0.467421
rs12672764	LOC641858, LOC650172	A/T	07q	A	0.28125	0.25	0.46747
rs4683233		C/T	03p	T	0.25	0.223214286	0.467516
rs5998406		A/C	22q	C	0.318181818	0.294642857	0.467655
rs2243909		A/C	10q	A	0.196428571	0.223214286	0.467748
rs943762	SEC16B	C/T	01q	T	0.098214286	0.120535714	0.467765
rs8076139		C/G	17q	G	0.401785714	0.433035714	0.467783
rs29911		A/G	05q	A	0.123853211	0.102678571	0.468044
rs428785	ADAMTS1	C/G	21q	C	0.247663551	0.222727273	0.468401
rs1572983	BAAT	C/T	09q	C	0.321428571	0.290178571	0.468494
rs1981898	TTLL5	A/C	14q	C	0.299107143	0.333333333	0.468525
rs1984564	MBOAT5	C/T	12p	C	0.071428571	0.09009009	0.468945
rs806325	BCMS	G/T	13q	G	0.346846847	0.313636364	0.469078
rs7042578		A/G	09p	A	0.267857143	0.299107143	0.46913
rs1062798	NUP62, IL411	C/G	19q	C	0.433035714	0.397321429	0.469241
rs7321489		A/G	13q	A	0.196428571	0.225225225	0.469416
rs7076156	ZNF365	A/G	10q	A	0.303571429	0.272321429	0.469488
rs10778292		C/T	12q	C	0.142857143	0.168181818	0.469575
rs10138997	FANCM	C/T	14q	T	0.089285714	0.071428571	0.469595

rs7998427	SETDB2	A/G	13q	A	0.299107143	0.334821429	0.469649
rs3740862	ENDOD1	C/T	11q	T	0.071428571	0.053571429	0.469677
rs2244438	TRAK2	A/G	02q	A	0.294642857	0.325892857	0.469715
rs1683723	TMEM132C	A/G	12q	A	0.473214286	0.4375	0.47
rs11682078	OLA1	A/G	02q	G	0.419642857	0.387387387	0.470012
rs11187225	EXOC6	C/G	10q	G	0.112612613	0.135135135	0.470436
rs11099592	HPSE	C/T	04q	T	0.219626168	0.188679245	0.470912
rs819085	FLJ35880	C/T	03q	C	0.054054054	0.072072072	0.471097
rs2066575		A/T	13q	A	0.299107143	0.267857143	0.471632
rs3134253	WDSOF1	A/G	08q	G	0.218181818	0.247747748	0.471747
rs1866247		A/C	02q	A	0.066964286	0.050458716	0.471823
rs6008622	GTSE1	A/G	22q	A	0.099099099	0.120535714	0.472116
rs9865	NSUN4	A/G	01p	G	0.121621622	0.145454546	0.472217
rs2485652	KLF17	C/T	01p	C	0.411214953	0.377272727	0.472714
rs4744122	LOC138652	C/T	09q	C	0.491071429	0.477477477	0.472872
rs11557865	KIAA1128	C/T	10q	C	0.178571429	0.207207207	0.472975
rs10509681	CYP2C8	C/T	10q	C	0.107142857	0.129464286	0.473141
rs10904313	LOC338588	A/G	10p	G	0.455357143	0.418918919	0.473144
rs6964587	AKAP9	G/T	07q	T	0.400900901	0.366071429	0.473351
rs1936448		G/T	09p	T	0.247747748	0.220720721	0.473418
rs10508578	RP11-49L2.2	A/G	10p	A	0.102678571	0.125	0.473822
rs1065761	CHIT1	C/G	01q	G	0.107142857	0.126126126	0.474413
rs1801244	ATP7B	C/G	13q	G	0.473214286	0.495535714	0.474428
rs2291905		C/T	03q	T	0.245535714	0.21875	0.474552
rs907609	SYT8	C/T	11p	T	0.175675676	0.151785714	0.474704
rs977728	TMPRSS11A	C/T	04q	T	0.178571429	0.205357143	0.474722
rs6942879	FLJ16237	A/C	07p	C	0.419642857	0.389908257	0.475001
rs2023472	TRIM31	C/T	06p	T	0.339285714	0.308035714	0.475125
rs7249743	FCGBP	C/T	19q	C	0.277227723	0.245098039	0.475166
rs3897926	PRHOXNB	G/T	13q	G	0.388392857	0.423423423	0.47539
rs8002725	SCEL	A/G	13q	G	0.202702703	0.22972973	0.475416
rs4883918	DIS3	C/T	13q	C	0.261261261	0.294642857	0.475486
rs10852985	ANKFN1	A/G	17q	G	0.28125	0.310810811	0.475624
rs3128917		G/T	06p	G	0.288990826	0.254901961	0.475756
rs6736913	EML4	A/G	02p	A	0.057894737	0.075268817	0.475926
rs1129055	CD86	A/G	03q	A	0.281818182	0.252252252	0.475963
rs6136	SELP	A/C	01q	C	0.103603604	0.084821429	0.476015

rs3735400	ANLN	C/G	07p	C	0.130630631	0.108108108	0.476312
rs707745	PSG1	G/T	19q	G	0.217592593	0.242990654	0.476482
rs1805329	RAD23B	C/T	09q	T	0.147321429	0.171171171	0.476561
rs4072529		A/T	05p	A	0.129464286	0.151785714	0.476612
rs616114	MEP1B	A/G	18q	A	0.419642857	0.450892857	0.476904
rs10868670	C9orf79	A/T	09q	T	0.495454545	0.468468469	0.476921
rs329942		C/T	19q	T	0.290178571	0.258928571	0.47725
rs2295769	SERPIN6	C/T	06p	C	0.316964286	0.285714286	0.477887
rs9827240		A/T	03q	A	0.339285714	0.310810811	0.478086
rs2270637	SLC18A1	C/G	08p	G	0.197247706	0.169724771	0.478195
rs10852740		G/T	17q	T	0.432432432	0.468181818	0.478214
rs11882865		A/G	19p	A	0.334821429	0.303571429	0.478228
rs7162473	HERC1	C/G	15q	C	0.116071429	0.138392857	0.47826
rs6987002		A/G	08p	A	0.135135135	0.157657658	0.478328
rs3816800	ATP10A	C/G	15q	C	0.459821429	0.428571429	0.478581
rs9508	ATPIF1	C/T	01p	C	0.331818182	0.301801802	0.478745
rs2271433	ZSCAN2	G/T	15q	G	0.174311927	0.149038461	0.478917
rs441827	NLRP4	C/T	19q	T	0.328828829	0.361607143	0.478938
rs935615	ZRANB3	A/G	02q	A	0.075892857	0.094594595	0.479091
rs1966835	OR1S1	A/G	11q	G	0.403669725	0.4375	0.479402
rs12448639		C/T	16p	C	0.148648649	0.125	0.479416
rs942077	RBM20	C/G	10q	G	0.160714286	0.135135135	0.47954
rs548164		C/T	01q	C	0.222727273	0.252293578	0.479663
rs11735477	TKTL2	A/T	04q	A	0.200892857	0.175675676	0.479917
rs6431631	LOC339766	A/C	02q	C	0.223214286	0.196428571	0.479979
rs10512747	CARD6	C/T	05p	T	0.133928571	0.111607143	0.48013
rs9614653	SMC1B	C/T	22q	T	0.112612613	0.133928571	0.480143
rs2549887		A/G	16q	G	0.247663551	0.216981132	0.480268
rs10497410	SCRN3	C/T	02q	T	0.196428571	0.225225225	0.480288
rs11075798		C/T	16q	T	0.160714286	0.183035714	0.48069
rs4669796	LOC731556	C/G	02p	C	0.227678571	0.2	0.480707
rs269243	DENND2A	G/T	07q	G	0.072072072	0.054054054	0.480748
rs209729	ZBTB40	C/T	01p	T	0.274774775	0.243243243	0.480856
rs1036533	SGOL2	C/T	02q	T	0.091743119	0.072727273	0.480866
rs11770052	WBSCR28	A/T	07q	T	0.247747748	0.276785714	0.480916
rs10055973		A/G	05q	G	0.25	0.223214286	0.481007
rs3731781	ARMC9	A/G	02q	G	0.274774775	0.245535714	0.481067

rs2259102	MUC4	C/G	03q	C	0.148648649	0.126126126	0.481216
rs1516144		G/T	02q	G	0.222222222	0.25	0.481319
rs324146	TCTE1	C/T	06p	C	0.1875	0.214285714	0.481634
rs3736518	ECD	C/G	10q	G	0.084821429	0.067567568	0.481638
rs4267943	CENPQ	A/G	06p	A	0.357142857	0.388392857	0.481945
rs2666472	ANKRD38	C/T	01p	T	0.285714286	0.254464286	0.482124
rs2282580	RPUSD4	A/G	11q	G	0.316964286	0.346846847	0.482189
rs1055130	DCC1	A/G	08q	A	0.283783784	0.254464286	0.482206
rs3813895	PLCZ1	A/G	12p	G	0.200892857	0.178571429	0.482526
rs1408184	C13orf18	A/G	13q	A	0.31981982	0.290178571	0.482564
rs6764043	FHIT	C/T	03p	T	0.401785714	0.433035714	0.482977
rs3765524	PLCE1	C/T	10q	T	0.308035714	0.279279279	0.483028
rs2292954	SPG7	C/T	16q	C	0.191964286	0.166666667	0.483091
rs306547	DDX31	C/T	09q	T	0.211711712	0.240909091	0.483099
rs1056104	GEMIN6	A/G	02p	A	0.070093458	0.087962963	0.483155
rs6493352	MTMR15	C/T	15q	T	0.160714286	0.1875	0.483204
rs10407452		A/G	19p	G	0.299107143	0.330357143	0.483289
rs2271430	SCOC	C/G	04q	C	0.135135135	0.111607143	0.483403
rs7125943	IGSF22	C/T	11p	T	0.263636364	0.233944954	0.483558
rs2071152	TMEM1	A/G	21q	A	0.200892857	0.175675676	0.483647
rs3741280	DSCAML1	G/T	11q	T	0.25	0.279279279	0.483648
rs658360		C/T	07q	C	0.373873874	0.40625	0.483668
rs302453	NLRP4	A/T	19q	T	0.256756757	0.285714286	0.483878
rs2051993		A/G	12q	A	0.316964286	0.285714286	0.483898
rs2876098	CAGE1	G/T	06p	G	0.174107143	0.148648649	0.483985
rs667782	PUS3, HYLS1	C/T	11q	C	0.200892857	0.227678571	0.484033
rs784133	RSHL3	C/T	06q	T	0.450450451	0.415178571	0.48415
rs3088371	DR1	A/T	01p	T	0.080357143	0.0625	0.484406
rs981684	KRT27	A/G	17q	A	0.455357143	0.486607143	0.48442
rs2270941	DHDH	C/T	19q	T	0.234234234	0.263392857	0.484468
rs1800566	NQO1	C/T	16q	T	0.203883495	0.173469388	0.484558
rs2304497	ACLY	G/T	17q	G	0.129464286	0.151785714	0.484589
rs2270989		A/G	06p	A	0.325892857	0.294642857	0.484799
rs2124147	PLD1	A/G	03q	G	0.40625	0.4375	0.484801
rs37590		C/G	16q	G	0.089285714	0.071428571	0.484845
rs2272495	APPL2	C/T	12q	T	0.180555556	0.20754717	0.485049
rs10951942	LOC136288	G/T	07p	T	0.46875	0.436936937	0.485333

rs6034464	C20orf23	A/G	20p	A	0.357142857	0.388392857	0.485755
rs2302075	EVC	G/T	04p	G	0.223214286	0.198198198	0.485779
rs3826332		A/G	17p	G	0.1875	0.214285714	0.486414
rs11578336	MAEL	G/T	01q	G	0.263392857	0.234234234	0.486424
rs2811795	C9orf86, KIAA1984	C/T	09q	T	0.208333333	0.233944954	0.486506
rs5751061		G/T	22q	T	0.40625	0.373873874	0.486665
rs6511764		A/G	19p	G	0.134259259	0.110091743	0.486708
rs10747493	BRDT	C/T	01p	C	0.111607143	0.133928571	0.48682
rs4803528		A/G	19q	G	0.463963964	0.495495496	0.486864
rs7535533	RGSL1	A/G	01q	G	0.342342342	0.3125	0.486936
rs2230344	GPR15	C/T	03q	T	0.1875	0.165178571	0.4872
rs863362	OR10X1	C/T	01q	T	0.450450451	0.482142857	0.487618
rs2073714	SLC22A14	A/G	03p	G	0.053571429	0.040178571	0.487622
rs671871	LAMA1	A/G	18p	G	0.178899083	0.155660377	0.487682
rs3827147	C20orf96	A/T	20p	T	0.387387387	0.357142857	0.488406
rs3763978	TSPAN8	C/G	12q	G	0.441964286	0.410714286	0.488474
rs457857	EMR1	A/G	19p	A	0.236607143	0.263392857	0.488636
rs2068431		C/T	19q	T	0.46875	0.5	0.488766
rs11109969	ANKS1B, FAM71C	A/G	12q	G	0.3125	0.283783784	0.488872
rs854800	MYO15A	C/T	17p	T	0.254464286	0.28125	0.488941
rs1064017	TCL1B	A/G	14q	A	0.491071429	0.459090909	0.489259
rs6962772	ZNF789	A/G	07q	G	0.147321429	0.169642857	0.48927
rs7593557	TRPM8	A/G	02q	A	0.086021505	0.06741573	0.489278
rs211449	LYPLA2P1	A/C	06p	A	0.372727273	0.339285714	0.489487
rs2522833	PCLO	A/C	07q	C	0.470588235	0.434065934	0.489639
rs3760955	FUT6, C19orf30	G/T	19p	G	0.346846847	0.379464286	0.489945
rs4332747	ABCA17	A/C	16p	C	0.294642857	0.325892857	0.490005
rs8623	MPZL1	C/T	01q	T	0.099056604	0.077981651	0.49015
rs2301521	WBP2NL	C/G	22q	G	0.36036036	0.328828829	0.490183
rs9369738	GPR115	A/C	06p	A	0.110091743	0.131818182	0.490312
rs7155490	TXNDC16	C/T	14q	T	0.209821429	0.183035714	0.490399
rs6118986		C/G	20q	C	0.171428571	0.144859813	0.49044
rs12564487		C/G	01q	C	0.440366972	0.46875	0.490527
rs1057077	ENO2, LRRC23	A/T	12p	A	0.308035714	0.279279279	0.490753
rs34677	AMACR	G/T	05p	T	0.125	0.144144144	0.490771
rs2257596	ANKRD30A	C/T	21q	T	0.477477478	0.446428571	0.490874
rs2071192	EVPL	A/G	17q	A	0.328828829	0.361607143	0.491698

rs2230752	ZNF177	A/T	19p	A	0.448113207	0.415	0.491744
rs11550034	ZNF3	C/T	07q	C	0.125	0.147321429	0.491943
rs1000079		C/T	03q	T	0.09375	0.111607143	0.491983
rs3770208	EPHA4	A/G	02q	A	0.436936937	0.40625	0.492027
rs867168	ZNF554	C/T	19p	C	0.151785714	0.175675676	0.492187
rs867169	ZNF554	C/T	19p	T	0.151785714	0.175675676	0.492187
rs3809530	MYO1E, LDHAL6B	C/T	15q	T	0.252252252	0.28125	0.492856
rs3751820	KIAA0174, PKD1L3	A/G	16q	G	0.322727273	0.294642857	0.492902
rs3750671		G/T	10p	T	0.3125	0.34375	0.493107
rs9808753	IFNGR2	A/G	21q	G	0.129464286	0.151785714	0.493424
rs2249317	SIRPD	C/T	20p	T	0.138392857	0.160714286	0.493539
rs12352254	KCNV2	C/G	09p	G	0.075892857	0.09375	0.493587
rs3177087		A/C	20p	A	0.071428571	0.089285714	0.493624
rs363294	PDZD8	C/T	10q	T	0.058558559	0.044642857	0.493753
rs1042464	HRG	A/T	03q	A	0.480952381	0.485849057	0.494248
rs2496338	FHAD1	C/G	01p	G	0.310810811	0.28125	0.494583
rs2290057	MORC1	C/T	03q	T	0.196261682	0.223214286	0.494644
rs3802386		G/T	09q	T	0.373873874	0.340909091	0.494909
rs4968318	C17orf57	A/G	17q	G	0.378378378	0.346846847	0.495109
rs1046098		C/T	01q	T	0.308035714	0.339285714	0.495212
rs10195632	ZSWIM2	A/T	02q	T	0.075892857	0.09375	0.495311
rs6434197	ZSWIM2	C/T	02q	T	0.075892857	0.09375	0.495311
rs11678591	TMEM131	C/T	02q	C	0.345454545	0.375	0.495333
rs1052276	CCDC113, Kikbl4	A/G	16q	A	0.089285714	0.108108108	0.495402
rs10043986	CMYA5	C/T	05q	T	0.133928571	0.112612613	0.495852
rs7140561	CTAGE5	C/T	14q	T	0.050458716	0.036697248	0.495889
rs2650492	SBK1	A/G	16p	A	0.285714286	0.256756757	0.495974
rs3799260	KLHL31	A/G	06p	G	0.214285714	0.189189189	0.496017
rs2271900	DEPDC6	A/G	08q	A	0.285714286	0.256756757	0.496092
rs9401952		A/C	06q	A	0.264423077	0.233333333	0.496198
rs11672914	FUT6	A/G	19p	A	0.321428571	0.292792793	0.496206
rs906219	HKDC1	G/T	10q	T	0.325892857	0.355855856	0.496264
rs1057910	CYP2C9	A/C	10q	C	0.072072072	0.054545455	0.496483
rs3746804	C20orf54	A/G	20p	A	0.184684685	0.209821429	0.496833
rs10009228	CHRNA9	A/G	04p	A	0.183035714	0.160714286	0.496924
rs892145	PGLYRP2	A/T	19p	A	0.342342342	0.375	0.496971
rs1052704	PXDNL	A/C	08q	A	0.263392857	0.292792793	0.497013

rs11275		A/G	07p	A	0.191964286	0.216216216	0.49722
rs2470911	TRIM69	A/G	15q	G	0.316964286	0.285714286	0.497423
rs2236729	SUHW2	G/T	22q	T	0.110091743	0.091743119	0.497692
rs1799899	TF	A/G	03q	A	0.053571429	0.04054054	0.497827
rs9949231		A/G	18q	G	0.22972973	0.202702703	0.497934
rs10905673	TCEB1P3	A/G	10p	G	0.223214286	0.198198198	0.497951
rs3811740	PLK4	A/T	04q	A	0.365740741	0.331730769	0.498149
rs2741804	OR2D2	C/T	11p	T	0.415178571	0.383928571	0.498557
rs9369905	C6orf140	A/C	06p	A	0.352678571	0.324324324	0.498633
rs9508887	PSPC1	A/T	13q	T	0.242990654	0.273148148	0.498738
rs1064213	PLCL1	A/G	02q	A	0.486363636	0.455357143	0.498939
rs4915221	LOC440706	A/G	01q	G	0.436936937	0.405405405	0.498987
rs1878878	GPR98	A/G	05q	A	0.359090909	0.328828829	0.499323
rs9921120	LOC646939	A/C	16p	A	0.415178571	0.446428571	0.499334
rs9579663	PSPC1	C/T	13q	T	0.080357143	0.098214286	0.499393
rs2277257	SLC29A3	A/G	10q	G	0.480952381	0.449074074	0.499466
rs9911226	OR3A4	A/C	17p	A	0.118181818	0.098130841	0.499721
rs9815240	PLSCR4	G/T	03q	G	0.133928571	0.111607143	0.499725
rs9686997	FLJ40453	C/T	05q	C	0.263392857	0.234234234	0.499753
rs11204546	OR2W3	C/T	01q	T	0.370535714	0.400900901	0.500031
rs1316300		C/T	03q	T	0.455357143	0.424107143	0.500091
rs2228220	HIVEP1	A/G	06p	G	0.067567568	0.084821429	0.500114
rs14026	FLJ31438	A/G	02p	A	0.477678571	0.491071429	0.500124
rs522496	KIF17	C/T	01p	C	0.330357143	0.299107143	0.500241
rs2886644	L1TD1	C/T	01p	T	0.267857143	0.297297297	0.500254
rs11556924	ZC3HC1	C/T	07q	T	0.357142857	0.388392857	0.500375
rs2072276	GFRA1	A/G	10q	G	0.072727273	0.09009009	0.500398
rs7870554	KIAA1529	G/T	09q	T	0.054054054	0.035714286	0.500506
rs2124489	OSBPL10	C/T	03p	T	0.285714286	0.316964286	0.500582
rs2416933	NR5A1	A/G	09q	G	0.486607143	0.455357143	0.500634
rs915033	NR5A1	C/G	09q	C	0.486607143	0.455357143	0.500634
rs1491242	LOC285556	A/G	04q	G	0.142857143	0.120535714	0.500704
rs7196726	ZNF646	A/G	16p	A	0.369369369	0.4	0.500719
rs632113		C/T	10q	C	0.401785714	0.370535714	0.500861
rs4820236		A/G	22q	G	0.054054054	0.040540541	0.501479
rs517634	PRUNE2	C/T	09q	T	0.191964286	0.21875	0.501703
rs680775	PRUNE2	C/T	09q	T	0.191964286	0.21875	0.501703

rs8184448	LOC284751	A/C	20q	A	0.234234234	0.261261261	0.501896
rs1533594	RTP4	C/T	03q	C	0.174107143	0.200892857	0.501934
rs2275866	LAD1	A/T	01q	T	0.071428571	0.089285714	0.502028
rs7732671	PPARGC1B	C/G	05q	C	0.099099099	0.080357143	0.502033
rs635874		A/G	17q	A	0.068807339	0.054054054	0.502303
rs8105668	ZNF160	C/G	19q	G	0.214285714	0.241071429	0.502412
rs2236005	MYO18B	A/G	22q	G	0.18018018	0.15625	0.502566
rs531503	ZAN	A/G	07q	G	0.370535714	0.401785714	0.5026
rs2920297	PSCA	C/T	08q	C	0.391891892	0.424107143	0.502621
rs738935	TBC1D22A, FLJ32756	A/T	22q	A	0.272321429	0.245535714	0.502623
rs11254408	TRDMT1	A/C	10p	A	0.129464286	0.15	0.502636
rs2234002	TAS2R4	A/G	07q	A	0.491071429	0.477678571	0.502653
rs2037912	PPL	C/G	16p	C	0.432432432	0.464285714	0.502815
rs6788319	UTS2D	A/C	03q	C	0.435483871	0.465909091	0.502869
rs2279457		A/G	03q	G	0.491071429	0.477678571	0.502933
rs7451713	ENPP4	C/G	06p	C	0.419642857	0.450892857	0.502968
rs9509307	IFT88	A/G	13q	G	0.241071429	0.265765766	0.503282
rs2973275	C4orf19	A/G	04p	A	0.227678571	0.254464286	0.503364
rs2903566	OR1S1	A/C	11q	A	0.405405405	0.436936937	0.503922
rs388685	ZNF45	C/G	19q	C	0.472972973	0.441964286	0.504112
rs8014538		C/T	14q	T	0.334821429	0.308035714	0.504324
rs3784589	TRPM1	A/C	15q	A	0.058558559	0.044642857	0.504355
rs1791		A/C	07q	A	0.231818182	0.258928571	0.504547
rs648921		C/G	11p	C	0.272321429	0.297297297	0.50475
rs2294758	VNN3	A/G	06q	A	0.388392857	0.357142857	0.504871
rs1019670	MS4A6A	A/T	11q	T	0.385321101	0.355855856	0.504944
rs8040502	CASC5	A/G	15q	A	0.148648649	0.171171171	0.505121
rs1056620		A/G	12q	G	0.481481482	0.449541284	0.505339
rs10422056	WDR87	C/G	19q	G	0.241071429	0.267857143	0.505551
rs6497759	TNRC6A	A/G	16p	A	0.223214286	0.198198198	0.505578
rs4519391	DKFZp779B1634	A/G	18p	G	0.375	0.34375	0.505838
rs3762321	INADL	C/T	01p	T	0.084821429	0.102678571	0.505929
rs8042919	TRPM7	A/G	15q	A	0.103603604	0.084821429	0.506073
rs750027		C/G	02p	G	0.4375	0.40625	0.506086
rs7330220	LECT1	C/T	13q	T	0.066964286	0.084821429	0.506116
rs7857490		C/T	09p	C	0.410714286	0.379464286	0.506342
rs187316	ALPK3	C/T	15q	C	0.294642857	0.321428571	0.506536



rs10164815	ZSWIM2	A/G	02q	G	0.076576577	0.09375	0.50711
rs880633	CHI3L1	C/T	01q	T	0.477477477	0.490990991	0.507142
rs1898466	RALYL	C/T	08q	T	0.072115385	0.058823529	0.507188
rs2273454	GLOD4, RNMTL1	G/T	17p	T	0.213636364	0.1875	0.507304
rs7859598		C/T	09p	C	0.401785714	0.433035714	0.50743
rs1865102	LOC649137	A/C	19q	C	0.357142857	0.388392857	0.507578
rs574004		A/G	19q	G	0.340909091	0.369369369	0.507696
rs1147083	FLJ41278	A/T	12q	A	0.31	0.338541667	0.507991
rs2332285	DTX3L	A/G	03q	G	0.405405405	0.4375	0.508242
rs3746619	MC3R	A/C	20q	A	0.075892857	0.09375	0.508459
rs2073498	RASSF1	A/C	03p	A	0.079439252	0.063063063	0.508502
rs1943639		A/G	11q	A	0.441964286	0.473214286	0.508566
rs9262152	MDC1	C/T	06p	T	0.133928571	0.15625	0.508644
rs1567759	KRT77	G/T	12q	T	0.392857143	0.361111111	0.508674
rs11640912	ADAMTS18	A/T	16q	T	0.392857143	0.366071429	0.508785
rs7026705	OR13C8	A/C	09q	A	0.423423423	0.453271028	0.508811
rs9471966	PTCRA	A/G	06p	A	0.241071429	0.267857143	0.508848
rs2298075	SEC31B	G/T	10q	T	0.207207207	0.232142857	0.508928
rs177484		A/C	07p	A	0.495535714	0.464285714	0.508986
rs2075960	C20orf119	G/T	20q	G	0.288288288	0.259259259	0.509317
rs723077	TTC12	A/C	11q	C	0.486238532	0.454954955	0.509408
rs10426455		A/G	19p	G	0.142857143	0.120535714	0.50946
rs10749138	NRAP	C/T	10q	C	0.473214286	0.441964286	0.50951
rs2230808	ABCA1	A/G	09q	A	0.272727273	0.245535714	0.509625
rs6987308	ZNF707	A/C	08q	C	0.126126126	0.147321429	0.509876
rs1052637	DDX18	C/G	02q	C	0.325892857	0.357142857	0.510041
rs4910756	OR51B6	A/G	11p	G	0.231818182	0.204545455	0.510163
rs848019	FLJ14712, LOC730608	C/T	07p	T	0.083333333	0.100917431	0.510801
rs12669721	LOC136242	G/T	07q	G	0.495495495	0.463963964	0.511158
rs3117328	LOC642024, LOC646317, LOC651503	G/T	06p	T	0.473214286	0.495535714	0.511251
rs2292161		A/G	04q	A	0.283783784	0.254545454	0.511288
rs2104978	TEP1	A/G	14q	G	0.063063063	0.049107143	0.511358
rs362331	HD	C/T	04p	T	0.473214286	0.495535714	0.511616
rs11108643	C12orf63	C/T	12q	T	0.267857143	0.294642857	0.512358
rs9993896		A/T	04q	T	0.144144144	0.125	0.512884
rs2294008	PSCA	C/T	08q	T	0.392857143	0.424107143	0.513426

rs7527180	LCE1D, LCE1E	A/G	01q	G	0.494845361	0.479381443	0.513478
rs1010294	FHAD1	C/T	01p	C	0.299065421	0.270642202	0.513756
rs10953303	ZAN	G/T	07q	T	0.241071429	0.27027027	0.514299
rs1425917	PIH1D2	A/G	11q	A	0.081081081	0.098214286	0.514611
rs3739435	NUDT18	C/T	08p	C	0.398148148	0.427927928	0.514656
rs4130091	LOC644357, LOC730715	A/G	01p	A	0.0625	0.075892857	0.514912
rs2073447		C/G	22q	G	0.339285714	0.370535714	0.514934
rs2271233	TEKT1	C/T	17p	T	0.107142857	0.089285714	0.514973
rs3800325	PGBD1	C/G	06p	G	0.129464286	0.152777778	0.51514
rs423333	RGNEF	C/T	05q	T	0.154545455	0.178571429	0.515228
rs3747742	TREML2	C/T	06p	C	0.330357143	0.3	0.515269
rs288334	DNAJC10	A/C	02q	A	0.375	0.348214286	0.515474
rs1607017	SCAPER	A/C	15q	A	0.333333333	0.303571429	0.5155
rs11085147	FUT6, LONP1	A/G	19p	A	0.094594595	0.076576577	0.515648
rs2731038	DBX2	A/G	12q	A	0.401785714	0.433035714	0.515739
rs3825629	KIAA0423	C/G	14q	G	0.094339623	0.077272727	0.515806
rs12405278	FLG	A/G	01q	A	0.166666667	0.145454545	0.515853
rs10414485	LOC162993	C/T	19p	T	0.181818182	0.206422018	0.515876
rs2289084	hCG_1795065	C/T	02p	C	0.116071429	0.098214286	0.516001
rs10776821		A/G	09q	A	0.477678571	0.446428571	0.516156
rs814501	SPTBN4	A/G	19q	G	0.5	0.468468469	0.516238
rs10455	CYBRD1	A/G	02q	G	0.35	0.386138614	0.516405
rs8037195		A/G	15q	G	0.491071429	0.477477478	0.516436
rs2288709	DYNC2LI1	A/G	02p	G	0.330357143	0.36036036	0.516448
rs6477533		A/G	09q	G	0.40990991	0.377272727	0.516565
rs12520799	C5orf20	A/T	05q	A	0.4375	0.467889908	0.516641
rs683866	PRUNE2	A/C	09q	C	0.352678571	0.383928571	0.516674
rs12449409		A/G	17q	A	0.424107143	0.392857143	0.516809
rs729895	ADARB1	A/G	21q	A	0.15625	0.135135135	0.516959
rs9890664	OTOP3	A/G	17q	G	0.308035714	0.333333333	0.517003
rs1299818		C/G	01p	C	0.198198198	0.175675676	0.51716
rs9264630		G/T	06p	G	0.270642202	0.25	0.517241
rs1505192	OR51E2	C/T	11p	C	0.133928571	0.157657658	0.517247
rs25640	HSD17B4	A/G	05q	A	0.446428571	0.477678571	0.517279
rs2298553	MS4A12	C/T	11q	T	0.495535714	0.473214286	0.517328
rs2256721	CHIA	G/T	01p	T	0.355855856	0.327272727	0.517623
rs7975356	OVCH1	A/G	12p	G	0.142857143	0.165178571	0.517757

rs7603997	ITSN2	C/T	02p	T	0.338235294	0.369565217	0.51807
rs3733251		G/T	04q	G	0.165178571	0.142857143	0.518297
rs2074936	POU6F2	A/G	07p	A	0.119266055	0.13963964	0.518323
rs2942194	SLC25A37	C/T	08p	C	0.297169811	0.268518518	0.51851
rs1053808	TTC3	C/T	21q	T	0.477477477	0.490825688	0.518693
rs6988393		A/G	08q	G	0.381818182	0.410714286	0.518715
rs3752261		A/G	20q	G	0.202702703	0.178571429	0.518843
rs4678	VARs2	C/T	06p	T	0.202702703	0.178571429	0.518968
	LOC642051, NOL5BP, LOC651388						
rs1233627		C/T	06p	C	0.481308411	0.485294118	0.519118
rs9375503		C/T	06q	T	0.263392857	0.236607143	0.51956
rs1048945	APEX1, TMEM55B	C/G	14q	C	0.053571429	0.04054054	0.519986
rs6790837	HEG1	A/G	03q	A	0.419642857	0.45	0.52
rs1135196	SIRPB1	C/T	20p	C	0.482758621	0.483695652	0.52016
rs2492654		C/T	10q	T	0.111607143	0.129464286	0.520628
rs2274224	PLCE1	C/G	10q	C	0.477678571	0.446428571	0.521074
rs4768261	MUC19	C/T	12q	T	0.151785714	0.129464286	0.521109
rs7166483	VSIG6	A/T	15q	A	0.316964286	0.339285714	0.521233
rs9579717	ZMYM5	A/C	13q	A	0.075471698	0.093137255	0.521519
rs7996972	FLJ44054	C/T	13q	C	0.328828829	0.357142857	0.521757
rs547483	ZNF568	C/T	19q	C	0.294642857	0.321428571	0.521937
rs3208406	EXOSC3	A/G	09p	G	0.111607143	0.09375	0.522019
rs7023954	MTAP	A/G	09p	A	0.418918919	0.390909091	0.522147
rs3785520	TBCD	C/T	17q	T	0.22972973	0.254464286	0.522342
rs1986751	DKFZp779B1634	G/T	18p	G	0.38317757	0.351851852	0.522348
rs9965081	C18orf34	A/T	18q	A	0.053571429	0.066964286	0.522481
rs3816208	SDC2	C/T	08q	T	0.053571429	0.040540541	0.522547
rs4416742	FBXL18	A/G	07p	A	0.086363636	0.103603604	0.522763
rs1054480	ADAMTS2	C/T	05q	T	0.339285714	0.308035714	0.523218
rs10817033	SVEP1	G/T	09q	G	0.15625	0.133928571	0.523549
rs3861513	OR4K15	A/C	14q	C	0.25	0.276785714	0.523608
rs896560	NALCN	C/T	13q	T	0.339285714	0.366071429	0.523922
rs2407146	LOC729159	A/T	16q	T	0.401785714	0.432432432	0.524082
rs1133607	ACSM2A	C/T	16p	T	0.098214286	0.116071429	0.524092
rs542998	RTN3	C/T	11q	T	0.21875	0.193693694	0.524191
rs3758581	CYP2C19	A/G	10q	A	0.076576577	0.059090909	0.524409
rs10409555	NLRP5	A/G	19q	A	0.243243243	0.272727273	0.524454

rs11872999		C/G	18q	C	0.085585586	0.103603604	0.524653
rs2245220	PRND	C/T	20p	T	0.467592593	0.5	0.524799
rs1133378	C19orf45	C/T	19p	T	0.301980198	0.272277228	0.524868
rs2644012		C/T	08q	T	0.214285714	0.189189189	0.524898
rs42663	GTPBP10	G/T	07q	T	0.205357143	0.232142857	0.525177
rs2893848	BTN2A3	A/G	06p	G	0.175675676	0.198198198	0.525658
rs6766334		C/T	03p	C	0.410714286	0.380733945	0.525693
rs1523678	OR13C5	A/G	09q	G	0.1875	0.209821429	0.525921
rs4117966	OR13C5	A/G	09q	A	0.1875	0.209821429	0.525921
rs1800453		A/G	06p	G	0.142857143	0.165178571	0.526172
rs9934272	PKD1L2	C/G	16q	G	0.336363636	0.308035714	0.526177
rs2774962	KIAA1549	C/T	07q	C	0.422727273	0.391891892	0.526208
rs2758629		C/T	01q	C	0.427272727	0.459821429	0.526263
rs12620556	LOC130940	C/T	02q	C	0.085585586	0.068807339	0.526296
rs389389	TEX14	A/G	17q	G	0.257142857	0.28	0.526429
rs3742318	RP11-298P3.3	C/T	13q	C	0.15625	0.18018018	0.526532
rs3806995	ENPP5	A/C	06p	C	0.423423423	0.452830189	0.526549
rs6499548	CHD9	G/T	16q	T	0.205357143	0.183035714	0.526711
rs7259845		A/G	19p	G	0.142857143	0.121621622	0.526783
rs3998860	CXXC6	C/T	10q	T	0.153153153	0.175675676	0.527483
rs1126671	ADH4	A/G	04q	A	0.285714286	0.3125	0.527578
rs1126673	ADH4	A/G	04q	G	0.285714286	0.3125	0.527578
rs2072147	BZRAP1	A/G	17q	A	0.058035714	0.045045045	0.527686
rs11666024		C/T	19q	C	0.428571429	0.397321429	0.527815
rs6945306	STK31	C/G	07p	C	0.308035714	0.28125	0.52784
rs1177699	LOC387723, LOC651940	A/G	10q	A	0.285714286	0.3125	0.528029
rs11036212	OR51V1	A/G	11p	G	0.142857143	0.165178571	0.528198
rs1627354	LAMB4	A/G	07q	A	0.066964286	0.053571429	0.528293
rs2187016	MGC39715	C/G	08q	C	0.245535714	0.223214286	0.528455
rs3740918	KIRREL3	A/G	11q	A	0.279279279	0.252252252	0.528774
rs2214301		A/G	19p	G	0.419642857	0.450892857	0.528913
rs1276286	MMP27	A/T	11q	T	0.482142857	0.450892857	0.528985
rs8104361	CYP4F11	A/G	19p	A	0.216216216	0.191964286	0.529031
rs3100139	TRIM69	C/T	15q	C	0.129464286	0.151785714	0.52921
rs2235233	POM121L2	A/G	06p	G	0.22972973	0.202830189	0.529333
rs1801222	CUBN	C/T	10p	T	0.365	0.392857143	0.529403
rs669694	TRAF3IP3	C/G	01q	C	0.183035714	0.209090909	0.529628

rs3812265	CNOT4	C/T	07q	T	0.214285714	0.191964286	0.529722
rs8451	LINS1	G/T	15q	T	0.495412844	0.472972973	0.529767
rs2273566	SMAP1	C/T	06q	T	0.072072072	0.089285714	0.530156
rs1344156	LOC441120, LOC729569	A/C	05q	A	0.205357143	0.183035714	0.530345
rs2032567	LAMA4	C/T	06q	C	0.299107143	0.272321429	0.530446
rs2723192	IL1F7	A/G	02q	A	0.102678571	0.084821429	0.530608
rs2723187	IL1F7	C/T	02q	T	0.102678571	0.084821429	0.530608
rs10471371	ITGA2	A/G	05q	A	0.084821429	0.102678571	0.530621
rs2276199	PSTPIP2	A/G	18q	G	0.129464286	0.111607143	0.530649
rs6461378	UNC84A, FLJ44124	C/T	07p	T	0.424107143	0.392857143	0.530802
rs1811	ZNF30	A/G	19q	G	0.495495496	0.464285714	0.530888
rs2302685	LRP6, BCL2L14	C/T	12p	C	0.227272727	0.198979592	0.531078
rs11084897		C/G	19p	G	0.223214286	0.198198198	0.531386
rs3924999	NRG1	C/T	08p	T	0.391891892	0.361607143	0.53154
rs2853444	LOC646960	C/T	02q	T	0.162162162	0.183035714	0.531543
rs2280718	FLJ40298	C/T	02p	C	0.240196078	0.268041237	0.53155
rs3815087	PSORS1C1	C/T	06p	T	0.205357143	0.232142857	0.531586
rs867228	FPR1	A/C	19q	A	0.1875	0.211711712	0.531704
rs4955419	CCDC71	A/T	03p	T	0.357142857	0.328828829	0.532142
rs3731646	SH3BP4	A/G	02q	A	0.112612613	0.133928571	0.532205
rs10489823		A/C	01q	A	0.076576577	0.0625	0.532214
rs1805073	DMGDH	C/G	05q	G	0.34375	0.316964286	0.53239
rs1805074	DMGDH	C/T	05q	C	0.34375	0.316964286	0.53239
rs12156247	C8orf79	C/G	08p	C	0.270642202	0.24537037	0.532744
rs10948072	ZNF318	A/G	06p	A	0.093137255	0.110576923	0.532784
rs6505780	CEP192	C/T	18p	C	0.321428571	0.348214286	0.53304
rs1456235	SPTBN5	C/T	15q	T	0.45945946	0.428571429	0.533197
rs757259	TRIM40	C/T	06p	T	0.226851852	0.252252252	0.534017
rs2509010	MMP27	C/T	11q	T	0.3125	0.285714286	0.534146
rs233223	MEP1B	A/G	18q	A	0.308035714	0.333333333	0.534243
rs2647574	OR51Q1	A/G	11p	A	0.399082569	0.427184466	0.534432
rs298104	KRT75	A/C	12q	A	0.315315315	0.342342342	0.53467
rs9810320	VN2R1P	A/G	03q	A	0.387387387	0.36036036	0.534888
rs6685323	AQP10, LOC729598	C/T	01q	T	0.290178571	0.316964286	0.534929
rs6668968	AQP10	A/G	01q	A	0.290178571	0.316964286	0.534929
rs7745238	BTN2A3	A/G	06p	A	0.175675676	0.198198198	0.53498
rs1455555	SERPIN5	C/T	18q	C	0.485294118	0.484848485	0.53499

rs4103004	C3orf48	C/T	03p	T	0.4375	0.464285714	0.53499
rs2071554	HLA-DOB	A/G	06p	A	0.058035714	0.044642857	0.53501
rs2278868	SKAP1	C/T	17q	C	0.419642857	0.392857143	0.535588
rs597570	FEZ1	A/T	11q	A	0.200892857	0.178571429	0.535618
rs4752183		G/T	10q	T	0.440909091	0.409090909	0.535718
rs2232618	LBP	C/T	20q	C	0.116071429	0.098214286	0.535763
rs2160502	C12orf55	A/T	12q	T	0.056818182	0.076086957	0.535795
rs7776009		C/T	06p	C	0.348214286	0.321428571	0.535801
rs735943	EXO1	C/T	01q	T	0.441441441	0.46875	0.536044
rs7827446	PXDNL	C/T	08q	T	0.263392857	0.290178571	0.536079
rs3749767		C/T	05q	T	0.191964286	0.216216216	0.536243
rs2298668	PRCP	A/C	11q	C	0.205357143	0.227678571	0.536411
rs3753793	CYR61	G/T	01p	G	0.263636364	0.23853211	0.53675
rs6435927	MREG	A/C	02q	A	0.245535714	0.272321429	0.537093
rs12420823	FLI1	C/T	11q	T	0.392857143	0.423423423	0.537335
rs7565527		A/C	02q	C	0.129464286	0.111607143	0.537348
rs380126		A/G	11q	A	0.135135135	0.113636364	0.537389
rs13428	PARP4	C/G	13q	C	0.34375	0.369369369	0.537554
rs2274268	BAG5, C14orf153	C/G	14q	C	0.336363636	0.366071429	0.537609
rs530978	PRUNE2	A/G	09q	G	0.369369369	0.399082569	0.537812
rs2272094	CRTAM	A/G	11q	A	0.205357143	0.227678571	0.537855
rs2270424	KIAA0317	A/G	14q	A	0.165178571	0.1875	0.537885
rs1633399	CLTCL1	A/G	22q	G	0.058558559	0.072727273	0.537921
rs2252171		C/T	19p	T	0.123853211	0.144859813	0.537964
rs2288846	RFX2	A/G	19p	A	0.267857143	0.292792793	0.53818
rs10745623	EEA1	G/T	12q	T	0.366071429	0.392857143	0.53831
rs9813391	ARGFX	A/G	03q	A	0.279279279	0.252252252	0.538487
rs11079346	BZRAP1	C/T	17q	C	0.35046729	0.321100917	0.53852
rs6862252	ZNF608	G/T	05q	T	0.461538462	0.435	0.538833
rs715146	DCP1B	C/T	12p	T	0.059633028	0.04587156	0.538846
rs2582513	AHNAK2	C/T	14q	T	0.334821429	0.315315315	0.539164
rs2072355	AKAP3	A/G	12p	G	0.160714286	0.183035714	0.539198
rs7978555		A/G	12q	A	0.345454545	0.372727273	0.539349
rs2282135	HS6ST3	C/T	13q	T	0.266990291	0.234042553	0.539397
rs12489663	LOC729280	A/G	03p	G	0.162037037	0.181818182	0.539569
rs7094285		C/G	10p	C	0.378378378	0.406542056	0.539884
rs843358	EIF2B5	C/T	03q	C	0.261261261	0.285714286	0.540017

rs3731625	ITSN2	C/T	02p	C	0.081081081	0.098214286	0.540039
rs7117365		A/G	11q	A	0.196428571	0.21875	0.540213
rs2056844	BRWD1	C/G	21q	C	0.450892857	0.477678571	0.540373
rs12629299		A/C	03q	A	0.339285714	0.366071429	0.540579
rs6565904	FLJ44881	C/T	18q	T	0.175675676	0.200892857	0.540627
rs2445121		C/G	11q	G	0.179611651	0.206730769	0.540742
rs3746638	SIGLEC1	A/G	20p	A	0.477678571	0.495535714	0.540745
rs3750300	PADI3	A/G	01p	G	0.09375	0.076576577	0.540747
rs3735035	PODXL	C/T	07q	T	0.491071429	0.477678571	0.541042
rs10821668	ANK3	C/T	10q	C	0.274774775	0.301801802	0.541111
rs6806773		A/G	03q	A	0.191964286	0.216216216	0.54115
rs2287939	AMACR	C/T	05p	T	0.327102804	0.297169811	0.54137
rs10229731	MUC17	A/C	07q	C	0.126126126	0.107142857	0.541597
rs2252074		G/T	07q	G	0.445945946	0.418918919	0.541627
rs1886996	MPHOSPH1	C/T	10q	T	0.315315315	0.342592593	0.541802
rs6314	HTR2A	C/T	13q	T	0.120535714	0.102678571	0.542002
rs6461515	ABCB5	A/G	07p	G	0.215686275	0.239583333	0.542179
rs11043265	WDR66	C/T	12q	T	0.0625	0.049107143	0.542297
rs2293979	LRRC6	A/G	08q	A	0.441441441	0.415178571	0.542304
rs589623	DYNC2H1	C/T	11q	C	0.189189189	0.214285714	0.54235
rs2075756	TRIP6	A/G	07q	A	0.245454545	0.27027027	0.542519
rs214950	SYNE1	A/G	06q	A	0.25	0.225225225	0.542965
rs1382938	C17orf54	C/G	17q	G	0.058035714	0.072727273	0.54305
rs11185471		C/T	03q	C	0.094594595	0.111607143	0.543093
rs3747102	LOC51233	C/T	22q	C	0.264150943	0.240384615	0.543142
rs10018786	POLN	G/T	04p	G	0.098214286	0.117117117	0.543203
rs198845	HIST1H1T	G/T	06p	T	0.410714286	0.383928571	0.543292
rs489172	ZP1	A/G	11q	G	0.214285714	0.191964286	0.543367
rs4925663	OR2B11	C/T	01q	T	0.382882883	0.410714286	0.543515
rs4761808		C/T	12q	C	0.209821429	0.1875	0.543567
rs11648783	OR2C1	A/G	16p	A	0.254464286	0.276785714	0.54393
rs11764583		A/G	07p	G	0.401785714	0.433035714	0.543973
rs6088066	BPIL1	A/T	20q	T	0.232142857	0.209821429	0.544092
rs1898883	DISP2	C/G	15q	G	0.342342342	0.370535714	0.544132
rs1448852		A/G	02q	A	0.316964286	0.290178571	0.544337
rs7959052	KRT4	C/T	12q	C	0.178571429	0.200892857	0.544488
rs6512577	ZNFX1	C/T	20q	T	0.207207207	0.184684685	0.545249

rs7913176	NHLRC2	A/G	10q	A	0.286363636	0.26146789	0.545426
rs765746	ZNF30	C/T	19q	C	0.178571429	0.15625	0.545763
rs209165		G/T	06p	G	0.334821429	0.308035714	0.546029
rs2269429	TNXB	A/G	06p	A	0.09375	0.111607143	0.546132
rs1476995	FOXN3	C/T	14q	T	0.0625	0.075892857	0.546273
rs10131813	HOMEZ	C/T	14q	T	0.389908257	0.36036036	0.546346
rs4144691	ADAMTSL3	C/G	15q	G	0.177272727	0.154545455	0.54636
rs2026196	KIAA1958	C/T	09q	C	0.058035714	0.044642857	0.546384
rs4916684	GPR98	A/G	05q	G	0.368181818	0.339285714	0.546424
rs11187583	C10orf4	A/G	10q	A	0.122727273	0.103603604	0.546472
rs2857663	KRT83, LOC652010	C/T	12q	T	0.111607143	0.094594595	0.546622
rs4313632	LOC283440	A/G	12p	A	0.21875	0.196428571	0.547238
rs26764	ERN2	C/G	16p	G	0.261261261	0.236607143	0.547378
rs11718329	ZNF589	C/G	03p	G	0.352678571	0.328828829	0.54768
rs252283		A/C	16p	A	0.166666667	0.144144144	0.547885
rs10791910		C/T	11q	T	0.058035714	0.072072072	0.548121
rs1840178	OR56A3	A/G	11p	A	0.454545454	0.481981982	0.548188
rs7756880		A/T	06q	A	0.27027027	0.245454545	0.548279
rs3770657	ETAA1	C/T	02p	C	0.280952381	0.305	0.548499
rs2274976	MTHFR, C1orf167	A/G	01p	A	0.066964286	0.053571429	0.548538
rs3735782		A/C	08p	A	0.464285714	0.495495495	0.548651
rs1042031	APOB	A/G	02p	A	0.153153153	0.174107143	0.548673
rs583442		C/T	05p	C	0.220430107	0.242857143	0.548756
rs848642	FEZ2	C/T	02p	T	0.348214286	0.321428571	0.548848
rs2618961		A/T	04p	A	0.153153153	0.174311927	0.548969
rs230898	TEKT3	C/G	17p	C	0.45045045	0.422727273	0.549332
rs10888267	OR2W3	C/T	01q	C	0.465686274	0.495098039	0.549529
rs1500481	LOC339766	C/T	02q	T	0.436936937	0.464285714	0.54974
rs3754112	IGSF2	C/T	01p	C	0.303571429	0.330357143	0.549767
rs2274741	ANKRD26	A/T	10p	T	0.157657658	0.178571429	0.550026
rs3815923	LOC730926	A/G	05q	A	0.446428571	0.415178571	0.550026
rs2296172	MACF1	A/G	01p	G	0.2	0.223958333	0.5503
rs2484678		A/G	01p	G	0.477678571	0.491071429	0.550319
rs4951291	C1orf157	C/T	01q	T	0.126126126	0.147321429	0.55034
rs12523297		A/T	05q	A	0.190909091	0.174107143	0.550394
rs1554005	ACOXL	C/T	02q	T	0.159090909	0.18018018	0.55041
rs7160583	C14orf166B	C/T	14q	C	0.34375	0.316964286	0.550464



rs2010499	APOL2	A/T	22q	A	0.357142857	0.330357143	0.551165
rs2066703	ATP10A	C/T	15q	T	0.09009009	0.075892857	0.55127
rs1729674	LOC339804	A/C	02p	C	0.486111111	0.457943925	0.551481
rs15922	TAF11, C6orf107	C/G	06p	G	0.054054054	0.040178571	0.551493
rs1713674		C/T	11q	C	0.116071429	0.099099099	0.551561
rs13571	MRPL37	C/G	01p	C	0.254464286	0.22972973	0.551589
rs6080719	BFSP1	C/T	20p	T	0.279279279	0.254545455	0.55186
rs3746471	RP5-1054A22.3	A/G	20q	A	0.46875	0.441964286	0.55219
rs2941256	RRN3	A/G	16p	G	0.102678571	0.085585586	0.552379
rs10415965		A/G	19p	A	0.297297297	0.324324324	0.552451
rs2298428	LOC150223	C/T	22q	T	0.18018018	0.200892857	0.552549
rs11170183	KRT72	A/C	12q	A	0.254464286	0.234234234	0.552589
rs472177	OR10V1	A/G	11q	G	0.054054054	0.068181818	0.552591
rs2257212	SLC15A2	A/G	03q	A	0.450892857	0.423423423	0.552617
rs7377956		A/G	04q	G	0.256880734	0.231818182	0.55294
rs3738270	DKFZp434B1231	C/T	01q	C	0.348214286	0.321428571	0.553024
rs2104772	TNC	A/T	09q	T	0.410714286	0.4375	0.553062
rs1974236		C/G	13q	G	0.086363636	0.102678571	0.55331
rs3751057	SCUBE2	C/G	11p	G	0.125	0.144144144	0.55335
rs11204545	OR2W3	A/T	01q	T	0.370535714	0.397321429	0.553561
rs1801701	APOB	A/G	02p	A	0.102678571	0.120535714	0.553612
rs7331195	N6AMT2	C/G	13q	C	0.174107143	0.193693694	0.553917
rs383835	KRTAP4-7	A/T	17q	A	0.23364486	0.212264151	0.554034
rs6453373	AP3B1, LOC727723	A/T	05q	A	0.0625	0.049107143	0.554068
rs3772165	TMEM16K	C/T	03p	C	0.415178571	0.388392857	0.55435
rs1352891		A/C	03q	A	0.415178571	0.387387387	0.554679
rs2292307		A/C	10q	A	0.147321429	0.129464286	0.554767
rs1799971	OPRM1	A/G	06q	G	0.121621622	0.102678571	0.554774
rs515192	STARD13	G/T	13q	T	0.472972973	0.5	0.554913
rs3730477	POLL	C/T	10q	T	0.225225225	0.201834862	0.555305
rs10427252		A/G	02q	G	0.234234234	0.209090909	0.555352
rs2303650	KIAA0372	A/C	05q	A	0.18018018	0.202702703	0.555788
rs836237		C/T	02q	T	0.138392857	0.157657658	0.555839
rs7194136	PKD1L2	C/G	16q	C	0.397321429	0.369369369	0.556219
rs2266690	CCNH	C/T	05q	C	0.214285714	0.236607143	0.556268
rs3761202		C/T	20q	T	0.254464286	0.232142857	0.556415
rs1799966	BRCA1	A/G	17q	G	0.301801802	0.325892857	0.557034

rs2057363		G/T	09p	G	0.151785714	0.171171171	0.55715
rs3733406	FAT	C/T	04q	C	0.089285714	0.107142857	0.557174
rs10488532	SAMD9L	C/T	07q	T	0.125	0.107142857	0.557351
rs9644251	LOC730783	A/T	08q	A	0.325892857	0.301801802	0.55744
rs7929057	LOC643680	C/T	11q	T	0.135135135	0.116071429	0.557471
rs2230782	NCOA3	C/G	20q	C	0.102678571	0.086363636	0.557599
rs9984077	GART	C/T	21q	C	0.200892857	0.178571429	0.55767
rs4384720		C/G	02q	C	0.081081081	0.066964286	0.557708
rs1042713	ADRB2	A/G	05q	A	0.353211009	0.381818182	0.557757
rs8104890	ZNF614	C/T	19q	T	0.285714286	0.3125	0.557776
rs7394	FLJ10769, CARS2	C/T	13q	C	0.241071429	0.21875	0.557805
rs4290380		C/T	13q	C	0.227678571	0.254464286	0.557835
rs1203998	CATSPER1	A/G	11q	A	0.299107143	0.272321429	0.557994
rs8028332		C/T	15q	C	0.120535714	0.102678571	0.558154
rs40986	FBXL21	A/G	05q	G	0.25	0.277777778	0.558601
rs7961682	ZNF84	A/G	12q	A	0.190909091	0.169642857	0.558604
rs10895391	DYNC2H1	C/T	11q	T	0.339285714	0.366071429	0.558614
rs1713456	TEP1	C/T	14q	T	0.196428571	0.21875	0.55875
rs2286756		G/T	19q	G	0.445945946	0.473214286	0.558947
rs757081	NUCB2	C/G	11p	C	0.355855856	0.328828829	0.558997
rs2233998	TAS2R4	C/T	07q	C	0.495535714	0.468468468	0.559154
rs10192036	IL1RL1	A/C	02q	A	0.06	0.046728972	0.559364
rs3812762	ST5	C/G	11p	C	0.339285714	0.364864865	0.559443
rs1291361		A/C	12p	C	0.34375	0.370535714	0.55945
rs2270425	KIAA0317, FCF1	C/G	14q	G	0.183035714	0.205357143	0.559492
rs2291628	FBN2	A/G	05q	A	0.071428571	0.058035714	0.559573
rs3734452		G/T	06q	G	0.240196078	0.219387755	0.559655
rs1933437	FLT3	C/T	13q	C	0.415178571	0.387387387	0.559671
rs2782643	C1orf84	C/T	01p	T	0.424107143	0.450450451	0.559932
rs11786747		A/C	08q	C	0.395454546	0.419642857	0.559937
rs1075372		A/G	09q	A	0.388392857	0.415178571	0.560036
rs2237051	EGF	A/G	04q	A	0.334821429	0.36036036	0.560051
rs3749966	C6orf10	C/T	06p	C	0.209821429	0.232142857	0.560105
rs196594	KIAA1706	C/T	07p	T	0.075892857	0.0625	0.560112
rs4903104	PAPLN	C/T	14q	T	0.191964286	0.214285714	0.560346
rs12280457	C11orf36	G/T	11p	G	0.424107143	0.397321429	0.560698
rs2306272	LRIG1	C/T	03p	C	0.276785714	0.303571429	0.560769

rs7044405	OR13J1	C/T	09p	T	0.370535714	0.397321429	0.561169
rs11264498	IQGAP3	C/G	01q	C	0.339285714	0.363636364	0.561404
rs6453139	LOC728780	C/T	05q	T	0.072727273	0.056603774	0.561549
rs6165	FSHR	A/G	02p	G	0.433035714	0.459821429	0.561614
rs3935944		C/T	09q	T	0.191964286	0.213636364	0.56173
rs17655	ERCC5	C/G	13q	G	0.238738739	0.222727273	0.561862
rs13317	FGFR1	C/T	08p	C	0.191964286	0.169642857	0.562001
rs6486602	STX2	C/G	12q	C	0.334821429	0.361607143	0.562062
rs6569605	LAMA2	C/T	06q	C	0.274774775	0.252252252	0.562558
rs491208	OR4M2	A/G	15q	A	0.102941176	0.120192308	0.56276
rs4529373	tcag7.875	A/T	07q	A	0.151785714	0.169642857	0.562794
rs2230661	ZNF239	G/T	10q	T	0.440366973	0.468468469	0.563142
rs2240233	KIAA1086	A/C	19p	A	0.428571429	0.401785714	0.563161
rs1453324	PKD1L2	C/T	16q	T	0.174757282	0.194174757	0.56325
rs7193657	MVD	G/T	16q	T	0.142857143	0.125	0.563557
rs6572635	LOC283551, hCG_2013212	A/G	14q	A	0.267857143	0.294642857	0.563658
rs7555310	OR2M7	A/G	01q	A	0.236607143	0.258928571	0.563714
rs543695		A/C	11q	A	0.325892857	0.352678571	0.563826
rs2273171	STRN3	C/T	14q	C	0.45412844	0.481981982	0.564013
rs3794942		C/T	18q	C	0.071428571	0.058035714	0.564044
rs6818911	LOC389217, LOC650865	C/G	04q	C	0.120535714	0.104545454	0.564215
rs2903150	C4orf37	C/T	04q	C	0.415178571	0.388392857	0.564252
rs2274136	NUP153	C/T	06p	C	0.214285714	0.193693694	0.564422
rs4604043		C/T	04q	T	0.321428571	0.294642857	0.56457
rs557352	PRUNE2	C/T	09q	T	0.364864865	0.392857143	0.56466
rs1851724	OR13C5	C/T	09q	C	0.424107143	0.45045045	0.564923
rs2305027	COLEC12	A/G	18p	A	0.477678571	0.495535714	0.565137
rs2076523	BTNL2	A/G	06p	G	0.325892857	0.351351351	0.56515
rs3208941	OSAP	A/G	04q	A	0.058035714	0.071428571	0.565632
rs2232387	KRT75	A/G	12q	A	0.144144144	0.125	0.565662
rs506425	PLEKHA4	A/G	19q	G	0.308035714	0.333333333	0.565945
rs2234001	TAS2R4	C/G	07q	C	0.491071429	0.482142857	0.565971
rs741064	TMEM176A	C/T	07q	T	0.200892857	0.18018018	0.566018
rs2228547	COL10A1, NT5DC1	C/G	06q	C	0.104545454	0.09009009	0.566085
rs2072174	ZNF596	G/T	08p	G	0.075892857	0.09009009	0.566307
rs3731877	TTLL4	C/G	02q	G	0.424107143	0.450892857	0.566491
rs3748357	RPGRIP1	A/G	14q	A	0.401785714	0.375	0.566733

rs3750266	SLCO5A1	A/G	08q	A	0.472972973	0.446428571	0.56676
rs140054	GTSE1	A/G	22q	A	0.080357143	0.064814815	0.566889
rs1258236	C10orf53	A/G	10q	A	0.09009009	0.075892857	0.566946
rs2273313		A/T	01p	A	0.21875	0.197247706	0.56713
rs2611	HKDC1	C/G	10q	G	0.391891892	0.366071429	0.567147
rs1864182	ATG10	G/T	05q	G	0.482142857	0.455357143	0.567356
rs489144		A/C	01q	A	0.080357143	0.094594595	0.567365
rs1610645		A/G	06p	G	0.387387387	0.415178571	0.567532
rs1044261	IDI2	C/T	10p	T	0.071428571	0.058035714	0.567619
rs1958716	OR4L1	A/G	14q	A	0.485294118	0.485576923	0.5677
rs11577579	C1orf125	A/C	01q	C	0.297297297	0.321428571	0.567736
rs897803	LOC388503	C/T	19p	T	0.375	0.351351351	0.568009
rs11098513	KLHL2	A/G	04q	G	0.231818182	0.25	0.568024
rs379707	FYB	G/T	05p	G	0.324468085	0.353932584	0.568293
rs1036788		C/T	04q	C	0.214285714	0.191964286	0.568374
rs3740996	TRIM5	A/G	11p	A	0.111607143	0.094594595	0.568407
rs3748841	RP4-692D3.1	A/T	01p	T	0.169642857	0.15	0.568411
rs6506859		C/T	18q	C	0.266666667	0.293269231	0.568789
rs9826	RORC	A/G	01q	G	0.334821429	0.361607143	0.568798
rs25688	TMEM2	A/G	09q	A	0.075892857	0.0625	0.568971
rs6823734		A/G	04q	A	0.276785714	0.301801802	0.56921
rs10827628	C10orf112	A/G	10p	G	0.450892857	0.477272727	0.569213
rs7259041	ARRDC2	C/T	19p	C	0.1875	0.209821429	0.569236
rs12610094	OR7G2	A/G	19p	G	0.427927928	0.401785714	0.569533
rs4927611	TPO	G/T	02p	T	0.37962963	0.352678571	0.569563
rs3814848	KCNK13	C/T	14q	T	0.066964286	0.081081081	0.569651
rs6756597	ASB18	C/T	02q	T	0.45945946	0.432432432	0.569701
rs412533	KRT6C	C/T	12q	T	0.294642857	0.276785714	0.569889
rs1716975	ULK4	C/T	03p	T	0.174107143	0.153153153	0.570099
rs832582	MAP3K1	A/G	05q	G	0.191964286	0.171171171	0.570237
rs2340917	TMEM43	C/T	03p	C	0.303571429	0.276785714	0.57043
rs2013501	LOC392221	C/T	08q	T	0.357142857	0.330357143	0.570668
rs297055	OR5D14	C/T	11q	C	0.27027027	0.247747748	0.570676
rs1043160	C2orf24	C/T	02q	T	0.382882883	0.410714286	0.570684
rs6786453	LOC729752	A/G	03p	G	0.114678899	0.134259259	0.570888
rs970720		C/T	13q	T	0.409090909	0.382882883	0.570924
rs10804166	LOC389073	C/T	02q	T	0.067567568	0.081081081	0.571011

rs7177192	CASC5	C/G	15q	G	0.151785714	0.171171171	0.571181
rs3170660	ATPBD1B	A/G	01p	A	0.339285714	0.364864865	0.571196
rs2273442	C14orf37	C/G	14q	G	0.5	0.473214286	0.571328
rs1800197	PROP1	A/G	05q	A	0.274774775	0.25	0.571455
rs9790	CLUAP1	C/T	16p	T	0.191964286	0.169642857	0.571475
rs1975937	ZNF540	A/T	19q	T	0.2	0.177884615	0.571516
rs11086730	LOC729382	A/G	20q	A	0.080357143	0.066964286	0.571646
rs1870377	KDR	A/T	04q	A	0.189189189	0.209821429	0.57169
rs407731	ZNF45	A/G	19q	A	0.481981982	0.455357143	0.571799
rs2253563	ZNF180	C/G	19q	G	0.348484849	0.37755102	0.571955
rs4344301		G/T	01q	T	0.205357143	0.184684685	0.572049
rs628524	OR5M11	A/G	11q	G	0.267857143	0.245535714	0.572184
rs4308977	CR2	C/T	01q	C	0.303571429	0.330357143	0.572506
rs6659011	FAF1	A/C	01p	C	0.103603604	0.089285714	0.572605
rs2301788	MAN2B2	C/T	04p	C	0.477272727	0.45045045	0.572685
rs13706	CDC6	A/G	17q	A	0.12962963	0.111111111	0.572893
rs4149313	ABCA1	A/G	09q	G	0.136363636	0.15625	0.572961
rs1046480	TMEM159	A/G	16p	A	0.232142857	0.211711712	0.57313
rs8042868	CATSPER2	C/T	15q	T	0.116071429	0.099099099	0.573244
rs7906894		C/T	10p	T	0.379464286	0.352678571	0.573388
rs9830253	COL6A6	A/G	03q	G	0.133928571	0.151785714	0.573668
rs6926101	C6orf192	C/T	06q	T	0.0625	0.076576577	0.573751
rs10878307	LRRK2	A/G	12q	G	0.075892857	0.090909091	0.573753
rs10493821	GBP3	C/T	01p	T	0.361607143	0.334821429	0.574137
rs3795424	SYNC1	A/C	01p	C	0.050458716	0.063063063	0.574159
rs14153	FAM134B	A/G	05p	G	0.485714286	0.486363636	0.574262
rs7047726	FLJ46082	A/G	09q	A	0.1	0.084821429	0.574441
rs2824804	PRSS7	C/T	21q	C	0.080357143	0.066964286	0.574615
rs1190788	AKAP7	C/T	06q	T	0.387387387	0.363636364	0.574942
rs2920298	PSCA	C/T	08q	C	0.397321429	0.424107143	0.575041
rs1061768		A/G	19q	A	0.190909091	0.209821429	0.575223
rs7707796		A/T	05p	A	0.071428571	0.058558559	0.575273
rs6962156	LOC136143, tcag7.23	C/T	07q	C	0.263392857	0.241071429	0.575315
rs2061822	AKAP13	C/T	15q	T	0.296875	0.322580645	0.575329
rs7910154		A/G	10p	A	0.166666667	0.148148148	0.575376
rs872013		C/T	03q	T	0.388392857	0.361607143	0.575406
rs4613098	METT10D, LOC284009	C/G	17p	C	0.234234234	0.258928571	0.57542

rs7858686		C/T	09p	T	0.290178571	0.265765766	0.575468
rs612969	TECTA	A/G	11q	G	0.392857143	0.419642857	0.575581
rs1060742	WDR35	C/T	02p	C	0.075892857	0.0625	0.575616
rs1070895	UGT3A1	C/T	05p	T	0.188679245	0.209090909	0.575698
rs9309428	AAK1	C/T	02p	T	0.424107143	0.450892857	0.575989
rs763470		A/G	11p	G	0.204545455	0.227272727	0.576101
rs10495237	LOC127602	A/G	01q	G	0.084821429	0.071428571	0.57612
rs3088040	USP36	A/G	17q	A	0.450892857	0.424107143	0.576239
rs6693255	KIAA1799	C/T	01p	T	0.142857143	0.162162162	0.576281
rs2778979	PLXDC2	C/T	10p	T	0.071428571	0.084821429	0.576342
rs8112672		C/T	19q	T	0.089285714	0.075892857	0.576662
rs805408	PSME4	A/T	02p	T	0.28125	0.303571429	0.576861
rs2290846	LRBA	A/G	04q	A	0.245535714	0.223214286	0.576941
rs2171269		G/T	03q	T	0.159090909	0.18018018	0.577079
rs7131178	JOSD3	A/T	11q	A	0.195454545	0.174107143	0.577145
rs3793524	PTPN3	C/G	09q	C	0.379464286	0.352678571	0.577281
rs2230660	ZNF239	C/G	10q	C	0.441964286	0.46875	0.577418
rs2822786		A/G	21q	A	0.350961538	0.323809524	0.577891
rs7207403	B4GALNT2	A/C	17q	C	0.486111111	0.45754717	0.577993
rs7742542	HBS1L	G/T	06q	G	0.482142857	0.455357143	0.578175
rs10408510	WDR87	A/T	19q	T	0.243243243	0.265765766	0.578225
rs2270004	PARS2	A/G	01p	G	0.174107143	0.153153153	0.578557
rs2278239	CMYA5	A/C	05q	C	0.087962963	0.074766355	0.57869
rs1065464		C/G	22q	C	0.12962963	0.113207547	0.578765
rs3758276	DNAJA1	C/T	09p	T	0.261682243	0.238738739	0.579012
rs10932150	ZDBF2	A/G	02q	A	0.415178571	0.441964286	0.579027
rs7974562		C/T	12q	T	0.473214286	0.5	0.579193
rs546589	ZNF568	C/T	19q	T	0.410714286	0.4375	0.579343
rs8058922	RFWD3	G/T	16q	G	0.3125	0.339285714	0.579432
rs1042779	ITIH1	A/G	03p	G	0.415178571	0.388392857	0.579614
rs130076	CCHCR1	C/T	06p	T	0.196428571	0.218181818	0.579759
rs358231	GBA3	A/T	04p	T	0.138392857	0.15625	0.5798
rs6425977	THRAP3	C/T	01p	C	0.121621622	0.138392857	0.580034
rs7657817	FAM13A1	C/T	04q	T	0.174107143	0.15625	0.580323
rs1966834	OR1S1	C/T	11q	C	0.410714286	0.4375	0.580353
rs409093	FFAR2	A/T	19q	A	0.081081081	0.066964286	0.580354
rs529208	DOCK8	A/C	09p	A	0.5	0.468181818	0.580699

rs3746207	ZNF671	C/T	19q	T	0.160714286	0.178571429	0.580826
rs662471	LAMA1	A/G	18p	G	0.346846847	0.373873874	0.581207
rs12000	NKAPL	A/G	06p	G	0.209821429	0.232142857	0.581248
rs6063377	DDX27	A/G	20q	A	0.425233645	0.398148148	0.581292
rs12330366		C/T	03q	C	0.117117117	0.133928571	0.581371
rs9261847		G/T	06p	G	0.142857143	0.126126126	0.581876
rs2037607		C/T	07p	C	0.433035714	0.40625	0.581933
rs4027405	SYNE2	A/G	14q	G	0.108108108	0.09375	0.582183
rs4493386		A/T	03p	A	0.427272727	0.450892857	0.582229
rs1803155	AADAC	A/G	03q	G	0.162162162	0.181818182	0.582256
rs2277046	DNAH5	A/G	05p	G	0.077981651	0.063063063	0.582272
rs916358	PNPLA5	C/T	22q	T	0.1	0.116071429	0.582323
rs707555	PCK1	C/G	20q	C	0.138392857	0.15625	0.582625
rs4148269	UGT2B15	A/C	04q	A	0.395454545	0.369158878	0.58275
rs2272583		C/T	14q	C	0.183035714	0.205357143	0.582865
rs7546172		A/G	01q	G	0.490990991	0.46875	0.582881
rs1156526	ZNF214	C/T	11p	T	0.363636364	0.388392857	0.582962
rs3759253		A/C	12p	A	0.050458716	0.04054054	0.583036
rs1201689	MAPKBP1	C/G	15q	G	0.369158879	0.345454546	0.583303
rs4375849		G/T	02q	G	0.178571429	0.196428571	0.583451
rs3748569	RHBG	C/T	01q	T	0.401785714	0.428571429	0.583514
rs2386136		C/T	09q	T	0.495535714	0.477678571	0.583915
rs227584	C17orf53	G/T	17q	G	0.290178571	0.315315315	0.584005
rs11230983	OR5D13	A/G	11q	A	0.13963964	0.122727273	0.584068
rs3795686	CCDC21	C/T	01p	T	0.34375	0.31981982	0.584388
rs10804567	HEG1	C/G	03q	C	0.375	0.351351351	0.584563
rs1731017	ABAT	C/T	16p	T	0.436936937	0.40990991	0.58471
rs6586145	LIPF	A/T	10q	A	0.054545454	0.066964286	0.584891
rs4860273	LOC339970	A/G	04q	G	0.227678571	0.25	0.585227
rs3749591	USP53	G/T	04q	G	0.333333333	0.307339449	0.58529
rs11657835	NBR2	C/G	17q	G	0.303571429	0.325892857	0.585397
rs4859571	ASAH1	C/T	04q	T	0.232142857	0.209821429	0.585509
rs4434872		C/T	01q	T	0.165178571	0.184684685	0.585938
rs2273664	TTC27	A/G	02p	A	0.053571429	0.066964286	0.585987
rs10788882	LOC391037	C/G	01p	G	0.303571429	0.28125	0.585987
rs6647	SERPINA1	C/T	14q	C	0.198198198	0.21875	0.586073
rs2288777	FAT2	A/G	05q	G	0.075892857	0.089285714	0.58614

rs600753	DYX1C1	C/T	15q	C	0.491071429	0.482142857	0.586145
rs594445	MOCOS	A/C	18q	A	0.316964286	0.294642857	0.586178
rs3813609	ARHGAP30	C/G	01q	G	0.369369369	0.394495413	0.586211
rs3741138	PAAF1	C/G	11q	C	0.108108108	0.125	0.586276
rs4852974	NAT8B	A/G	02p	A	0.285714286	0.267857143	0.586318
rs1781935	AKR1CL1	C/G	10p	C	0.446428571	0.423423423	0.586467
rs2255703	PLXND1	C/T	03q	C	0.401785714	0.375	0.586812
rs226891	CP110	C/G	16p	C	0.140625	0.157894737	0.586839
rs10502151	ALG9	C/T	11q	T	0.334821429	0.357142857	0.587087
rs3822307		C/T	04q	T	0.316037736	0.291666667	0.587516
rs6426196		C/T	01q	C	0.174311927	0.155660377	0.58755
rs4145944	ATP10D	C/G	04p	G	0.357142857	0.330357143	0.587991
rs7110845	POU2F3	A/G	11q	A	0.489473684	0.462765957	0.588579
rs11245007	C10orf90	C/T	10q	T	0.261261261	0.28125	0.589244
rs2032729	ZNF24	A/G	18q	A	0.1	0.084821429	0.589296
rs4316004		C/G	06p	C	0.148648649	0.166666667	0.589354
rs698761	SLC3A1, PREPL	A/G	02p	G	0.28125	0.304545455	0.589404
rs2295119		A/C	06p	A	0.140909091	0.123853211	0.589472
rs1134586	C1orf176	C/T	01p	T	0.159090909	0.140909091	0.58948
rs2839500	TMPRSS3	C/T	21q	C	0.09009009	0.075892857	0.589589
rs1042364	ADH4	A/G	04q	A	0.25	0.272321429	0.589777
rs2295340	C20orf27	C/T	20p	C	0.359090909	0.333333333	0.589804
rs6586179	LIPA	C/T	10q	T	0.138392857	0.121621622	0.590055
rs6103	SERPINB2	C/G	18q	G	0.247747748	0.227678571	0.590187
rs2240089	COBL	C/G	07p	C	0.190909091	0.171171171	0.590279
rs2475298	SEC23IP	C/T	10q	T	0.31981982	0.34375	0.590935
rs7112649	GVIN1	C/G	11p	G	0.423423423	0.397321429	0.591403
rs216462		C/T	17q	T	0.147321429	0.129464286	0.591476
rs4414223	SNX19	C/T	11q	T	0.366071429	0.388392857	0.591648
rs2832873	KRTAP15-1	A/C	21q	C	0.463963964	0.439814815	0.591659
rs4666689	FLJ44048	C/T	02q	T	0.131818182	0.116071429	0.591711
rs7311420		A/G	12q	A	0.476635514	0.448113207	0.591893
rs2250860	WFDC8	C/T	20q	C	0.405405405	0.381818182	0.591924
rs12437204	C14orf143	A/T	14q	T	0.193396226	0.210280374	0.591953
rs3188055	INPP5F	A/G	10q	G	0.322727273	0.346846847	0.592042
rs787795	BMS1	A/G	10q	G	0.174107143	0.15625	0.59233
rs6280	DRD3	C/T	03q	C	0.3125	0.334821429	0.592428



rs2236225	MTHFD1	C/T	14q	T	0.410714286	0.433035714	0.592696
rs11109968	ANKS1B, FAM71C	C/G	12q	G	0.3125	0.290178571	0.592807
rs10067	OVGP1	C/G	01p	C	0.075892857	0.089285714	0.592984
rs7653652	ZNF654	C/T	03p	T	0.125	0.142857143	0.593152
rs1012899	LRRC16	A/G	06p	G	0.223214286	0.245535714	0.593541
rs6671010	SYT6	C/G	01p	C	0.439814815	0.463963964	0.593578
rs2916414	OTOP1	A/T	04p	A	0.316964286	0.294642857	0.593922
rs1390963	FBXO16	C/T	08p	T	0.290178571	0.313636364	0.593966
rs2824721	PRSS7	A/G	21q	G	0.27027027	0.293577982	0.594023
rs799917	BRCA1	C/T	17q	T	0.316964286	0.339285714	0.594108
rs4267387		A/G	17q	G	0.337837838	0.363636364	0.594108
rs510579	C6orf118	A/C	06q	C	0.359813084	0.385321101	0.594184
rs2274419	MUSK	C/T	09q	T	0.151785714	0.133928571	0.594422
rs4241344	ARHGAP25	G/T	02p	T	0.184684685	0.202702703	0.594455
rs6118971		C/T	20q	T	0.245535714	0.268181818	0.594768
rs565629	FLJ41733	A/G	21q	A	0.482142857	0.491071429	0.594935
rs6668857	RHBG	A/G	01q	A	0.495454545	0.468468468	0.595029
rs3825548	C14orf49	C/G	14q	G	0.341346154	0.317757009	0.595081
rs4424652	IGSF22	C/T	11p	C	0.267857143	0.245535714	0.595211
rs4808206	FLJ44968	A/C	19p	A	0.240740741	0.222222222	0.595348
rs10054110	FLJ40243	A/T	05p	T	0.378378378	0.352678571	0.595503
rs2295275	TRERF1	A/T	06p	A	0.09009009	0.075892857	0.595598
rs5747211	CECR2	A/G	22q	A	0.104761905	0.122641509	0.595689
rs10807020	ZNF391	A/G	06p	A	0.254464286	0.232142857	0.595771
rs10471774	CCDC125	C/T	05q	T	0.472972973	0.446428571	0.595816
rs10876100	TMPRSS12	C/T	12q	C	0.200892857	0.220720721	0.59582
rs2484180	PTCHD3	A/C	10p	C	0.445945946	0.419642857	0.595887
rs6957669	tcag7.441	A/G	07q	A	0.202702703	0.225225225	0.595904
rs3861512	OR4K15	A/T	14q	A	0.254464286	0.276785714	0.596141
rs919364	DKKL1	A/G	19q	A	0.290178571	0.310810811	0.596625
rs3749004	XIRP2	A/G	02q	G	0.102678571	0.120535714	0.596835
rs11264875	NUP210L	C/T	01q	T	0.267857143	0.290178571	0.596957
rs1127233	MUC13	A/C	03q	C	0.241071429	0.263392857	0.597105
rs1017219	KCNA7	A/G	19q	G	0.383928571	0.36036036	0.597152
rs2233901	SEMG2	A/G	20q	A	0.280898876	0.303191489	0.597161
rs573122		A/G	11q	A	0.352678571	0.328828829	0.597167
rs10110831	C8orf34, LOC728774	C/T	08q	T	0.089285714	0.075892857	0.597177

rs1626593		C/T	16q	T	0.151785714	0.168181818	0.59718
rs2596913		A/G	03p	A	0.378378378	0.403669725	0.597486
rs538338		A/G	03q	G	0.136363636	0.118181818	0.597618
rs2070065	CENPF	C/G	01q	G	0.089285714	0.103603604	0.59771
rs2273329		A/G	20p	A	0.133928571	0.151785714	0.597815
rs2070121	HLA-DOB	C/T	06p	T	0.084821429	0.098214286	0.598028
rs2148493		A/G	10q	G	0.321100917	0.297029703	0.598144
rs3735007	ZC3HAV1	C/T	07q	C	0.454954955	0.481981982	0.598221
rs712270	MYO15A	A/T	17p	A	0.388392857	0.410714286	0.598315
rs7354779	DNMT3L	C/T	21q	C	0.258928571	0.236607143	0.598625
rs2282683	GCNT1	A/G	09q	G	0.184684685	0.204545455	0.598863
rs10882993	ZFYVE27	G/T	10q	G	0.25	0.22972973	0.599122
rs12654078	NBPF22P	C/T	05q	T	0.089285714	0.104545455	0.599208
rs2617667	ZNF813	C/T	19q	T	0.177272727	0.157407407	0.599269
rs4319261	MYOM3	C/G	01p	G	0.477678571	0.5	0.599635
rs6519443	LOC388882	C/G	22q	C	0.290909091	0.268181818	0.599868
rs2306033	LRP4	A/G	11p	A	0.147321429	0.130630631	0.600029
rs9754433	USP41	G/T	22q	T	0.254464286	0.274774775	0.600132
rs3755899	UGDH	A/G	04p	A	0.086363636	0.071428571	0.60022
rs3745775	ZNF790	A/G	19q	G	0.308035714	0.283783784	0.600479
rs3731686	SULT1C4	A/G	02q	G	0.085585586	0.072727273	0.6006
rs1760897	TEP1	C/T	14q	C	0.337962963	0.3125	0.600866
rs2023194		A/G	16p	G	0.409090909	0.386363636	0.600949
rs6710817	NAG	C/T	02p	T	0.066964286	0.080357143	0.601082
rs1867504		A/G	03q	G	0.486607143	0.490990991	0.601242
rs3190103		A/G	12q	A	0.397321429	0.372727273	0.601246
rs7792760	MYO1G	C/T	07p	T	0.165178571	0.147321429	0.601384
rs2017252	ZNF273	A/C	07q	C	0.5	0.473214286	0.601547
rs2306899	DDHD2	A/G	08p	A	0.184684685	0.163636364	0.601851
rs7185	FARSB	C/T	02q	C	0.15625	0.174107143	0.602038
rs2294228	SEPN1	G/T	01p	G	0.238738739	0.21875	0.602106
rs6784095	KIAA1407	A/T	03q	A	0.111607143	0.126126126	0.60243
rs1845939	ZFP2	C/G	05q	G	0.254464286	0.276785714	0.602543
rs1496948	ZFP2	A/G	05q	A	0.254464286	0.276785714	0.602543
rs2076156	TTLL1	A/G	22q	G	0.067567568	0.080357143	0.602836
rs2918538		A/C	03p	A	0.227678571	0.247747748	0.603114
rs1047685		C/T	02p	T	0.401785714	0.379464286	0.603408

rs1056042	SPATA6	A/G	01p	A	0.40625	0.428571429	0.603475
rs7224723	ZNF287	G/T	17p	G	0.072072072	0.058035714	0.603555
rs10282493	ICA1	A/T	07p	A	0.183035714	0.165178571	0.603567
rs9896256		C/T	17p	T	0.410714286	0.4375	0.603601
rs961360	R3HDM1	C/T	02q	C	0.202830189	0.224770642	0.603675
rs42524	COL1A2	C/G	07q	C	0.283783784	0.263392857	0.603822
rs358733	C3orf33	A/G	03q	G	0.247663551	0.223300971	0.604135
rs11889349	VWA3B	A/G	02q	G	0.45945946	0.481981982	0.604169
rs1397706	LY75	A/G	02q	A	0.080357143	0.09375	0.604225
rs3745902	KIR3DL2	C/T	19q	T	0.294642857	0.272321429	0.604601
rs1592624	CSMD3	G/T	08q	T	0.416666667	0.390476191	0.604627
rs1786263	CEP192	A/C	18p	C	0.330357143	0.352678571	0.604662
rs2272994	ZNF643	A/G	01p	A	0.198198198	0.218181818	0.604934
rs10792043	OR5M10	A/C	11q	C	0.316964286	0.339285714	0.605405
rs7898509		C/T	10q	T	0.189189189	0.209821429	0.605443
rs4975017	KLB	A/C	04p	A	0.321428571	0.299107143	0.605466
rs11845046	MIA2	A/G	14q	G	0.220720721	0.243119266	0.605705
rs11982602		A/G	07q	G	0.128440367	0.145454546	0.605756
rs1874045	CSMD2	C/T	01p	C	0.436936937	0.410714286	0.605836
rs1962519	MYOM1	A/G	18p	G	0.382882883	0.405405405	0.606105
rs9304763	PTPRH	C/G	19q	G	0.321428571	0.34375	0.606179
rs4981242		A/C	14q	A	0.370535714	0.34375	0.606209
rs12514417	ALDH7A1	G/T	05q	G	0.080357143	0.094594595	0.606211
rs250430	APBB3	C/T	05q	T	0.129464286	0.112612613	0.606377
rs7196016	CCDC135	C/G	16q	C	0.21875	0.198198198	0.606397
rs9333269	ITGA8	A/C	10p	C	0.099099099	0.084821429	0.606415
rs2229857	ADAR	A/G	01q	A	0.304545454	0.325892857	0.606416
rs324981	NPSR1, AAA1	A/T	07p	T	0.406542056	0.379807692	0.606526
rs3130639		C/T	06p	T	0.241071429	0.263392857	0.606553
rs9568497	GUCY1B2	C/T	13q	T	0.40625	0.383928571	0.606994
rs2153466	OR4K15	A/G	14q	G	0.276785714	0.299107143	0.606996
rs1181883	CCDC27	A/G	01p	G	0.427272727	0.450892857	0.606997
rs1057090	MCPH1	C/T	08p	T	0.40625	0.381818182	0.607144
rs3745964	RASGRP4, FAM98C	A/G	19q	A	0.072072072	0.084821429	0.607185
rs4955418	CCDC71	A/G	03p	A	0.363636364	0.339622641	0.607198
rs3131787	SFTPG	A/G	06p	G	0.2	0.18018018	0.607365
rs299284	HMMR	C/T	05q	T	0.138392857	0.121621622	0.607493

rs1776148	EXO1	A/G	01q	A	0.352678571	0.373873874	0.607586
rs1045706	PJA2	A/G	05q	A	0.432432432	0.40990991	0.608024
rs10830902	FAT3	C/T	11q	T	0.066964286	0.080357143	0.608092
rs10272498	ZNF716	C/T	07p	C	0.388392857	0.366071429	0.608484
rs4942951	LOC647166, LOC652259	A/C	13q	C	0.34375	0.321428571	0.608732
rs1063478		C/T	06p	T	0.12254902	0.140186916	0.608733
rs3844283	IRAK2	C/G	03p	C	0.45	0.424107143	0.609151
rs3744741	GEMIN4	C/T	17p	T	0.147321429	0.129464286	0.60919
rs6807362	HTR3C	C/G	03q	G	0.473214286	0.450450451	0.609502
rs7659136		C/T	04q	T	0.098214286	0.084821429	0.609777
rs2032844	TTLL6	G/T	17q	T	0.223404255	0.202247191	0.609907
rs200910		C/T	10p	T	0.495535714	0.473214286	0.610002
rs9608956	SEC14L4	C/T	22q	C	0.276785714	0.254464286	0.610102
rs11657804	ABCA10	C/T	17q	C	0.355855856	0.379464286	0.61074
rs3785521	TBCD	A/G	17q	A	0.263392857	0.28440367	0.610816
rs2240090	COBL	C/T	07p	C	0.331818182	0.307339449	0.610941
rs6468694	VPS13B	A/G	08q	A	0.135135135	0.118181818	0.611175
rs1056408	ARHGAP28	G/T	18p	T	0.130630631	0.116071429	0.611659
rs6464573	OR2A5	G/T	07q	T	0.290909091	0.3125	0.611678
rs4292649		C/G	08p	C	0.401785714	0.424107143	0.612039
rs4522091	LARP5	G/T	10p	T	0.163551402	0.179245283	0.612109
rs6058961	LOC388795	A/G	20q	G	0.245454546	0.225225225	0.612186
rs1867503		A/G	03q	A	0.486607143	0.491071429	0.61226
rs798084	LOC730909	A/G	15q	A	0.313636364	0.337962963	0.61241
rs11204816	LOC650468, LOC729130	A/G	01q	A	0.355855856	0.369158878	0.612537
rs2228315	SELPLG	A/G	12q	A	0.069444444	0.081818182	0.612567
rs10487648	PCLO	A/C	07q	C	0.177272727	0.157407407	0.612587
rs701865	PDE6C	A/T	10q	A	0.375	0.351351351	0.612604
rs1208285		C/T	06q	C	0.352678571	0.375	0.612767
rs2279269	DSEL	A/G	18q	A	0.482142857	0.495535714	0.612841
rs10875561		A/T	05q	A	0.455357143	0.477678571	0.613025
rs4759893		A/G	12q	A	0.436936937	0.463963964	0.613123
rs2228209	HIVEP1	C/T	06p	T	0.388392857	0.366071429	0.613225
rs521695		G/T	15q	G	0.481981982	0.459821429	0.613413
rs10894006	LOC729672	A/C	11q	A	0.339285714	0.36036036	0.613496
rs3795842	FAM71A	C/T	01q	C	0.352678571	0.375	0.613515
rs4668246	MYO3B	A/G	02q	G	0.366071429	0.388392857	0.613634

rs273532	LRRC37A, LRRC37A3	C/T	17q	T	0.214285714	0.200892857	0.613819
rs637186	CD5	A/G	11q	A	0.084821429	0.071428571	0.613855
rs2056900	CYP4A22, LOC654164	C/T	01p	T	0.220720721	0.200892857	0.614018
rs10371	ACOT12	C/T	05q	T	0.169811321	0.151515152	0.614168
rs9294631	EGFL10	A/G	06q	A	0.357142857	0.381818182	0.614243
rs7535953	LOC127602	A/G	01q	A	0.472727273	0.45045045	0.614285
rs10513762	MRPL47	C/T	03q	T	0.066964286	0.080357143	0.61453
rs3741486	GOLGA3	A/G	12q	A	0.258928571	0.28125	0.614647
rs9290923		C/G	03q	C	0.340909091	0.321100917	0.614717
rs241941	LOC644554	C/G	19q	C	0.243243243	0.263392857	0.615004
rs3088142	DUSP13	C/T	10q	T	0.450892857	0.428571429	0.615155
rs11254413	TRDMT1	A/G	10p	A	0.414285714	0.435	0.615161
rs2241883	FABP1	C/T	02p	C	0.366071429	0.387387387	0.615166
rs1061828	SCAMP4	C/T	19p	C	0.316964286	0.294642857	0.615398
rs7035276	C9orf39	C/T	09p	C	0.13963964	0.157657658	0.615677
rs7131665		C/T	11p	C	0.401785714	0.424107143	0.615769
rs3742636	SIX4	A/C	14q	A	0.328828829	0.352678571	0.615854
rs709783	WDR63	A/G	01p	A	0.178571429	0.160714286	0.615918
rs5743611	TLR1, LOC651738	C/G	04p	C	0.080357143	0.066964286	0.616277
rs11716994	LOC339879	C/T	03p	T	0.146788991	0.162162162	0.616608
rs2589957	ZNF774	A/G	15q	G	0.436936937	0.459821429	0.616631
rs7971718	OVOS2	A/G	12p	A	0.379464286	0.357142857	0.61671
rs4859905	FRAS1	A/G	04q	G	0.387387387	0.410714286	0.617113
rs6489400	hCG_1642354	A/T	12p	A	0.15625	0.138392857	0.617196
rs4842489	WDR51B	C/G	12q	C	0.220720721	0.241071429	0.61727
rs10832975	IGSF22	C/G	11p	G	0.415178571	0.4375	0.617298
rs9309024	C2orf58	C/T	02p	T	0.161616162	0.144329897	0.617407
rs9934227	TEPP	A/G	16q	G	0.136363636	0.153153153	0.617633
rs3858203	NEBL	A/C	10p	C	0.34375	0.328828829	0.617732
rs482912	LAMP3	A/G	03q	A	0.328571429	0.349514563	0.61776
rs2230806	ABCA1	A/G	09q	A	0.299107143	0.321428571	0.61788
rs7301400	TMEM132C	C/T	12q	T	0.075892857	0.089285714	0.617889
rs4909951	ASCL3	A/C	11p	C	0.330357143	0.352678571	0.617902
rs11117358	BANP	A/T	16q	A	0.227678571	0.207207207	0.618078
rs11867808	HAP1	A/G	17q	A	0.366071429	0.388392857	0.618168
rs25414	ARSB	C/T	05q	T	0.091346154	0.105769231	0.618254
rs2155587	TMEM123	A/G	11q	A	0.112612613	0.098214286	0.618283

rs2872892		G/T	13q	G	0.089285714	0.102678571	0.618423
rs3748697	CENPF	A/G	01q	A	0.482142857	0.459821429	0.618617
rs3218651	POLQ	A/G	03q	G	0.142857143	0.12371134	0.619372
rs6512087	CIB3	C/T	19p	C	0.214285714	0.234234234	0.619405
rs11844594	C14orf174, TMED8	C/T	14q	C	0.463636364	0.486111111	0.619418
rs11156878	KIAA0391	A/G	14q	G	0.13963964	0.15625	0.619447
rs2290182	CMTM2	A/G	16q	G	0.125	0.108108108	0.619618
rs3740030	SLC16A12	A/C	10q	C	0.066964286	0.080357143	0.619887
rs11037720	ALKBH3	A/G	11p	G	0.224770642	0.205357143	0.62006
rs3827103	MC3R	A/G	20q	A	0.075892857	0.089285714	0.620298
rs1418843	OR10R2	C/T	01q	T	0.432432432	0.454954955	0.620357
rs4860275	LOC339970	A/G	04q	A	0.234234234	0.254464286	0.620437
rs3739567	FAM125B	A/G	09q	G	0.28125	0.304545455	0.620573
rs3739038	LRRFIP1	C/G	02q	C	0.25	0.27027027	0.620789
rs1126483	ENPEP	C/T	04q	T	0.459821429	0.4375	0.621209
rs1380154	HSPA4L	C/T	04q	T	0.361607143	0.339285714	0.621214
rs7296162	KIAA0701	A/G	12q	A	0.075892857	0.089285714	0.621323
rs9898301	FLJ46026	C/T	17q	T	0.209821429	0.191964286	0.621567
rs705	SNRPN	C/T	15q	C	0.419642857	0.441441441	0.621652
rs7233515	KATNAL2	A/G	18q	A	0.375	0.395454545	0.621732
rs1382602	C1orf94	C/G	01p	C	0.265765766	0.245535714	0.621874
rs393152	C17orf69	A/G	17q	G	0.191964286	0.209821429	0.622236
rs10768448	OR51L1	C/T	11p	T	0.256756757	0.277272727	0.622351
rs1052690	C9orf103	A/C	09q	C	0.169642857	0.1875	0.622458
rs4638420	LOC650794	A/G	13q	A	0.200892857	0.181818182	0.62254
rs7329320		C/T	13q	C	0.459821429	0.436936937	0.622651
rs1422645	CALCOCO2	C/G	17q	C	0.3	0.322727273	0.623051
rs194525	STEAP2	G/T	07q	G	0.151785714	0.169642857	0.623357
rs2866413	MANBA	A/G	04q	G	0.495412844	0.476415094	0.623756
rs3745765	HKR1	A/C	19q	A	0.200892857	0.18018018	0.623758
rs11219508	OR8G2	C/T	11q	C	0.292792793	0.3125	0.623879
rs5764214	EFCAB6	C/T	22q	C	0.481981982	0.459821429	0.623923
rs2301843	KIAA1086	C/T	19p	T	0.424107143	0.401785714	0.623989
rs1057027	IFI16	A/C	01q	C	0.183035714	0.200892857	0.624347
rs6657250	USH2A	A/G	01q	A	0.339285714	0.316964286	0.624633
rs10771314	TM7SF3	A/G	12p	A	0.089285714	0.075892857	0.624671
rs4909945	MRVI1	C/T	11p	T	0.34375	0.31981982	0.624716

rs36686	B3GNT3	A/G	19p	G	0.254545455	0.274774775	0.625005
rs4868479		G/T	05q	G	0.297297297	0.316964286	0.625084
rs1783174	PKHD1L1	A/G	08q	A	0.153153153	0.138392857	0.625222
rs4903497	C14orf166B	C/T	14q	C	0.094594595	0.109090909	0.625349
rs6739251		A/G	02q	G	0.178571429	0.160714286	0.625446
rs3743599	ADAT1	A/C	16q	A	0.063063063	0.075892857	0.625555
rs9624	TPPP2, RNASE13	G/T	14q	T	0.112612613	0.129464286	0.625744
rs11228710	OR5AR1	C/T	11q	C	0.290178571	0.309090909	0.625788
rs10799790	LUZP1	C/T	01p	C	0.15625	0.175675676	0.625834
rs443751	C1orf163	A/G	01p	G	0.333333333	0.308035714	0.625853
rs2961663		C/T	05q	T	0.130630631	0.116071429	0.626193
rs12208559	TNXB	C/G	06p	C	0.138392857	0.125	0.626707
rs8192678	PPARGC1A	A/G	04p	A	0.379464286	0.357142857	0.62685
rs8111785	ZNF136	G/T	19p	T	0.09375	0.107142857	0.626869
rs11783941	CCNE2	C/T	08q	T	0.202702703	0.184684685	0.627093
rs4629709	C6orf191	A/G	06q	A	0.153153153	0.169642857	0.627312
rs7135574	FGD6	C/T	12q	C	0.190909091	0.2117111712	0.627383
rs3732559		A/C	03q	C	0.34375	0.321428571	0.627616
rs10516487	BANK1	C/T	04q	T	0.335164835	0.310344828	0.627619
rs878830	KIRREL3	A/T	11q	T	0.316964286	0.339285714	0.627776
rs2666839	CENPF	C/T	01q	T	0.085585586	0.098214286	0.627833
rs878480		C/T	13q	T	0.135135135	0.120535714	0.627926
rs6019	F5	C/G	01q	C	0.063157895	0.075757576	0.62813
rs2076324	PRDM2	A/T	01p	T	0.31981982	0.339449541	0.628715
rs675	APOA4	A/T	11q	A	0.21875	0.200892857	0.628723
rs2638525	KRT4	A/G	12q	A	0.155963303	0.172897196	0.628791
rs10779690		C/T	01p	C	0.282407407	0.305555556	0.629211
rs11132306	CCDC110	A/G	04q	A	0.486607143	0.490990991	0.629372
rs2281820	MLN	C/T	06p	T	0.379464286	0.357142857	0.629401
rs3192149	TOPBP1	A/C	03q	A	0.241071429	0.223214286	0.629831
rs2271381	LY75	A/T	02q	T	0.272321429	0.292792793	0.630005
rs7529205		A/G	01p	G	0.116071429	0.130630631	0.630203
rs6427384	FCRL5	C/T	01q	C	0.142857143	0.126126126	0.630265
rs10742787	OR52N1	C/T	11p	T	0.304545455	0.283018868	0.630917
rs2357489		A/C	02p	A	0.334821429	0.355855856	0.63112
rs2548612	SNAG1	G/T	05q	T	0.433035714	0.455357143	0.631188
rs5745325	MSH4	A/G	01p	A	0.267857143	0.247747748	0.631268

rs6926570	ENPP5	C/T	06p	T	0.428571429	0.450892857	0.631855
rs2278008	AMACR	C/T	05p	C	0.263888889	0.243119266	0.631893
rs2111119	RPGRIP1L	C/T	16q	T	0.107142857	0.09375	0.63233
rs7948009	OR52N1	A/G	11p	G	0.316513762	0.339622642	0.632403
rs1059779	ABHD11	A/G	07q	G	0.265765766	0.245454546	0.632654
rs2072495	EBF1	A/G	05q	A	0.40625	0.428571429	0.632778
rs7260180	CEACAM20	C/T	19q	C	0.415178571	0.4375	0.632834
rs3752895	COL4A4	A/G	02q	G	0.46875	0.445945946	0.632967
rs1132979	EIF2A	C/G	03q	G	0.391089109	0.368686869	0.63305
rs930137	UNQ5830	C/T	02p	C	0.370535714	0.348214286	0.633068
rs11229898		C/T	11q	T	0.397321429	0.418918919	0.633138
rs2736569		G/T	11p	G	0.13963964	0.15625	0.633223
rs3760779		A/G	19p	A	0.098214286	0.111607143	0.633486
rs7258368	ZNF625	C/T	19p	T	0.098214286	0.111607143	0.633486
rs7674726		C/G	04p	C	0.054054054	0.045454545	0.633558
rs6704505	TDRD5	A/G	01q	G	0.098214286	0.084821429	0.633671
rs8104843	OR111	C/G	19p	C	0.107142857	0.121621622	0.63385
rs2272722	DERL1	C/T	08q	C	0.102678571	0.089285714	0.634069
rs1539302		A/G	16q	G	0.334821429	0.31981982	0.634221
rs3796529	REST	A/G	04q	A	0.189189189	0.208333333	0.634536
rs10798333	TNN	C/T	01q	T	0.392857143	0.414414414	0.634647
rs9369265	TREML4	C/T	06p	T	0.175675676	0.193693694	0.635215
rs703143		A/G	01q	A	0.366071429	0.388392857	0.635247
rs2842899	TAAR9	A/T	06q	A	0.299107143	0.279279279	0.635472
rs9309107	DYNC2LI1	A/T	02p	A	0.3125	0.333333333	0.635486
rs2293180	KSR1	C/T	17p	T	0.143518519	0.127272727	0.635509
rs6458687	MUT	C/T	06p	T	0.370535714	0.348214286	0.635542
rs2074418	ZP1	C/T	11q	T	0.40625	0.383928571	0.635611
rs9835332	C3orf63	C/G	03p	C	0.477678571	0.454954955	0.63585
rs3802711	CDH23	C/T	10q	T	0.151785714	0.169642857	0.635917
rs5759611	RAB36	A/G	22q	A	0.268181818	0.286363636	0.635954
rs4870723	COL14A1	A/C	08q	C	0.477477477	0.5	0.636028
rs1394366		C/G	21q	G	0.169642857	0.153153153	0.636089
rs1049296	TF	C/T	03q	T	0.153153153	0.169642857	0.636251
rs7624750	OPA1	A/G	03q	A	0.46875	0.446428571	0.636391
rs2366777	GPR98	G/T	05q	G	0.364864865	0.342342342	0.636511
rs3811635	MERTK	A/G	02q	A	0.376146789	0.4	0.63667



rs1950943		G/T	14q	T	0.238738739	0.21875	0.636837
rs2961665		C/G	05q	G	0.087962963	0.072727273	0.636902
rs3825549	MIA2	A/G	14q	G	0.086363636	0.099099099	0.637022
rs314344	ZAN	C/G	07q	G	0.428571429	0.40625	0.637179
rs365745	ZNF221	A/T	19q	T	0.136363636	0.151785714	0.637737
rs904840		A/G	15q	A	0.289719626	0.305555556	0.637807
rs4259911		G/T	13q	T	0.424107143	0.446428571	0.637812
rs2014827	ZNF17	A/C	19q	A	0.205357143	0.188073394	0.637826
rs4936919	OR8D1	A/G	11q	G	0.410714286	0.388392857	0.637947
rs10500382	LOC92017	C/G	16p	G	0.285714286	0.306306306	0.638143
rs2512167	OR8G5	C/T	11q	C	0.401785714	0.423423423	0.638148
rs1897820	ZNF180	C/G	19q	C	0.4375	0.415178571	0.638399
rs7100382	C10orf112	A/C	10p	A	0.396396396	0.415178571	0.638407
rs3809529	MYO1E, LDHAL6B	A/G	15q	A	0.298165138	0.320388349	0.638456
rs2544600	ZFYVE16	C/T	05q	T	0.094594595	0.105504587	0.638567
rs1054515	CCDC70	A/G	13q	G	0.341346154	0.321100917	0.638795
rs2044693	PNO1, WDR92	C/T	02p	T	0.352678571	0.330357143	0.638875
rs2920217	ZNF509	G/T	04p	G	0.321428571	0.301801802	0.638879
rs2006771	SFI1	C/T	22q	T	0.454954955	0.477678571	0.638913
rs7508059	LOC400682	A/G	19p	A	0.205357143	0.1875	0.639061
rs8139422	CRELD2	A/C	22q	A	0.054054054	0.044642857	0.639452
rs6683071	FLJ43505	A/G	01q	A	0.209821429	0.191964286	0.639657
rs7138580	hCG_26523	C/G	12q	C	0.36036036	0.339285714	0.639846
rs6961822	LOC136143, tcag7.23	A/G	07q	A	0.256756757	0.238738739	0.639993
rs10887063	TACC2	C/T	10q	T	0.186363636	0.169642857	0.640123
rs7483	GSTM3	A/G	01p	A	0.321428571	0.301801802	0.640157
rs10888256	OR11L1	C/T	01q	C	0.102678571	0.116071429	0.640606
rs4607924	OR11L1	C/G	01q	G	0.102678571	0.116071429	0.640606
rs9691053		A/G	07p	G	0.205607477	0.222727273	0.640628
rs2269970	COG5	A/G	07q	G	0.481981982	0.495535714	0.640749
rs3738954	FAM124B	C/T	02q	C	0.154545454	0.139423077	0.640792
rs12446781		C/G	16q	G	0.378640777	0.4	0.640853
rs2442426	OR51A4, OR51A2	C/T	11p	C	0.210784314	0.225961538	0.640968
rs7201448		C/T	16p	T	0.171171171	0.189189189	0.641561
rs2293869	RP1	A/T	08q	T	0.427927928	0.450892857	0.641604
rs746220	PRDM6	C/G	05q	G	0.383928571	0.363636364	0.641914
rs857685	OR10Z1	A/C	01q	C	0.301801802	0.28125	0.642093

rs539445	ZAN	C/G	07q	G	0.370535714	0.392857143	0.642247
rs2024301	CLEC4A	A/T	12p	T	0.328828829	0.348214286	0.642368
rs10943299	IMPG1	A/G	06q	A	0.151785714	0.138392857	0.642998
rs11101964		A/G	01p	A	0.227272727	0.209821429	0.643103
rs5174	LRP8	A/G	01p	A	0.414414414	0.4375	0.643503
rs10985765	GABBR2	C/T	09q	C	0.183035714	0.168181818	0.643563
rs2297019	MEP1A	C/T	06p	C	0.267857143	0.247747748	0.643853
rs6604731		C/T	01q	T	0.330357143	0.3125	0.643895
rs2228561	COL7A1	C/T	03p	T	0.126126126	0.111607143	0.643925
rs10202624	EML4	A/G	02p	A	0.1	0.116071429	0.644152
rs1130499	PTPRN2	A/G	07q	A	0.292792793	0.3125	0.644163
rs8923	MTHFS	A/G	15q	G	0.107142857	0.09375	0.644285
rs1055246	BCAS1	C/T	20q	C	0.125	0.13963964	0.644819
rs479499	CLEC12A	A/C	12p	A	0.368181818	0.351351351	0.644987
rs2651079	ZNF792	A/G	19q	A	0.495535714	0.482142857	0.645216
rs9576175	CSNK1A1L	G/T	13q	T	0.482142857	0.459821429	0.645507
rs6597892		A/G	11p	A	0.18018018	0.165178571	0.645523
rs11545619	ZNF83	A/G	19q	G	0.107142857	0.09375	0.645624
rs17615	CR2	A/G	01q	A	0.303571429	0.325892857	0.646139
rs6722745	SULT1C3	C/T	02q	C	0.258928571	0.279279279	0.646236
rs3761472	SAMM50	A/G	22q	G	0.159090909	0.144144144	0.646238
rs2512219	OR8D2	A/G	11q	A	0.120535714	0.133928571	0.646298
rs444527	CDC20B	C/T	05q	T	0.205357143	0.223214286	0.646581
rs8192917	GZMB	A/G	14q	G	0.254464286	0.236607143	0.646701
rs11699009	C20orf186	C/T	20q	T	0.428571429	0.405	0.64678
rs1128750	PFDN2, KLHDC9	A/G	01q	A	0.059090909	0.049107143	0.646783
rs240812	LOC387826	C/G	12p	G	0.147321429	0.162162162	0.646784
rs10927851	FBLIM1	C/T	01p	C	0.299107143	0.321428571	0.646954
rs9324624	FLJ41603	C/T	05q	C	0.491071429	0.486607143	0.646965
rs2248852	RSU1	C/G	10p	C	0.094594595	0.107142857	0.647144
rs2907308		C/T	05q	T	0.174107143	0.157657658	0.64728
rs544198		G/T	17q	G	0.214285714	0.196428571	0.647305
rs314044		A/T	04q	A	0.133928571	0.151785714	0.647475
rs957795	LOC728076, LOC732309	C/T	21q	T	0.116071429	0.102678571	0.647758
rs2230912	P2RX7	A/G	12q	G	0.174107143	0.191964286	0.647764
rs9323694	C14orf145	C/G	14q	G	0.445454546	0.422727273	0.647869
rs727162	NPSR1, AAA1	C/G	07p	C	0.205357143	0.1875	0.64807

rs2075520	ZP2	A/C	16p	A	0.297297297	0.277272727	0.648355
rs10417163	ZNF28, ZNF320	G/T	19q	T	0.397321429	0.419642857	0.648428
rs3760454	UTP6	A/G	17q	G	0.450892857	0.472972973	0.648639
rs2016126	TMEM104	C/T	17q	C	0.357142857	0.379464286	0.648658
rs4956145	HADH	C/T	04q	T	0.102678571	0.089285714	0.64872
rs3900940	MYH15	C/T	03q	C	0.303571429	0.285714286	0.648801
rs2235718		C/T	06p	T	0.085585586	0.099099099	0.648856
rs9925415	PKD1L3	C/T	16q	C	0.477678571	0.455357143	0.648891
rs2075773	ANGEL1	A/C	14q	C	0.120535714	0.108108108	0.649006
rs11239910		C/T	01q	C	0.111607143	0.125	0.649076
rs3087403	REV1	A/G	02q	A	0.323809524	0.344339623	0.649288
rs10414166	PSG11	C/T	19q	T	0.318181818	0.298076923	0.649536
rs3740370	CEP55	C/G	10q	C	0.183035714	0.200892857	0.649603
rs9473558	MUT	C/T	06p	T	0.349514563	0.37037037	0.650004
rs11041108	ZNF215	A/G	11p	G	0.388392857	0.410714286	0.650038
rs573455	CEP164	C/T	11q	T	0.450892857	0.472972973	0.650226
rs2297680	COL16A1	G/T	01p	T	0.116071429	0.102678571	0.650386
rs7386783	OC90	C/T	08q	T	0.334821429	0.316964286	0.650548
rs2066704	ATP10A	A/G	15q	A	0.103603604	0.090909091	0.651018
rs1053419	C14orf2	A/G	14q	G	0.072072072	0.0625	0.651097
rs1165222	USP24	C/T	01p	C	0.125	0.111607143	0.651252
rs3885619		C/T	07q	C	0.223214286	0.209821429	0.651286
rs10931200		A/C	02q	C	0.433035714	0.455357143	0.65151
rs11695215		A/G	02q	A	0.433035714	0.455357143	0.65151
rs1862066	FLJ44048	C/T	02q	C	0.433035714	0.455357143	0.65151
rs2161036		A/C	02q	C	0.433035714	0.455357143	0.65151
rs7605884		C/T	02q	T	0.433035714	0.455357143	0.65151
rs2289629	SSH2	C/T	17q	T	0.321428571	0.342342342	0.651511
rs2253427	SIRPB1	C/T	20p	T	0.205357143	0.223214286	0.65183
rs1798192	GPR109B	A/C	12q	A	0.417431193	0.435779816	0.652028
rs7191155	IQCK	C/T	16p	C	0.159090909	0.144144144	0.652682
rs9909703		C/G	17q	G	0.058558559	0.049107143	0.652684
rs2272843	MOV10L1	A/C	22q	A	0.138392857	0.125	0.653014
rs11596790		A/G	10q	A	0.354545454	0.376146789	0.653096
rs1133327	ZNF415	A/G	19q	A	0.490990991	0.486238532	0.653122
rs6941625	WDR27	A/T	06q	A	0.306306306	0.285714286	0.653428
rs1849733	SLFN12	A/C	17q	C	0.463963964	0.485981308	0.65382

rs1567047	FAT4	C/T	04q	T	0.3	0.28125	0.653836
rs8065903	SPATA20	A/G	17q	A	0.245535714	0.227678571	0.654065
rs6738031	SCN7A	A/C	02q	C	0.286363636	0.304545455	0.654073
rs11567868		A/G	07q	G	0.3125	0.292792793	0.654185
rs10490391		C/T	02q	C	0.433035714	0.454954955	0.654651
rs7689099	NEIL3	C/G	04q	G	0.15625	0.142857143	0.654723
rs10813831	DDX58	A/G	09p	A	0.252252252	0.272321429	0.654997
rs10841795	SLCO1A2	A/G	12p	G	0.133928571	0.120535714	0.655106
rs8176785	NELL1	A/G	11p	G	0.267857143	0.25	0.655488
rs138951	TTLL12	A/G	22q	A	0.098214286	0.111607143	0.655551
rs3752095	DSG1	A/T	18q	T	0.153153153	0.137614679	0.655912
rs1128397	GFRA2	A/T	08p	A	0.410714286	0.432432432	0.656063
rs8083485		A/G	18q	A	0.180555556	0.195454545	0.656192
rs1150258	IL24	A/G	01q	G	0.436936937	0.459821429	0.656196
rs626578	CNTN3	C/T	03p	C	0.080952381	0.070754717	0.656393
rs4060726	DNHD2	A/G	03p	G	0.379464286	0.361607143	0.656467
rs7386782	OC90	C/T	08q	T	0.333333333	0.315315315	0.656681
rs937057	GPR110	C/T	06p	C	0.231818182	0.24537037	0.65691
rs202507		C/T	20p	C	0.449541284	0.427272727	0.656929
rs1024323	GRK4	A/G	04p	A	0.390909091	0.369369369	0.656969
rs8110220	HSD17B14, PLEKHA4	C/T	19q	C	0.263636364	0.28125	0.657245
rs2300455	ACACB	C/T	12q	T	0.21875	0.200892857	0.657285
rs2236493	RAGE	C/T	14q	C	0.227678571	0.245535714	0.657656
rs865093	FLJ40243	A/G	05p	A	0.12962963	0.146226415	0.657863
rs2278842	PKD2L1	A/G	10q	A	0.112612613	0.126126126	0.657953
rs917340	ZNF264	A/G	19q	G	0.398148148	0.418269231	0.658055
rs7283589	LOC732226	C/T	21q	C	0.232142857	0.25	0.658163
rs4944960	XRR1	C/G	11q	C	0.25	0.267857143	0.658188
rs1968090	ZNF543	A/T	19q	T	0.261261261	0.245535714	0.658926
rs1541185	RNF186	C/T	01p	T	0.214285714	0.232142857	0.659038
rs2270182	NRAP	A/T	10q	T	0.254807692	0.270408163	0.659099
rs12256835	C10orf112	G/T	10p	G	0.200892857	0.183035714	0.659193
rs3894129	WDR87	C/G	19q	C	0.252293578	0.270642202	0.659693
rs1867502		A/C	03q	A	0.445945946	0.427272727	0.659746
rs6438877		A/G	03q	A	0.482142857	0.495495495	0.659935

	LOC729788, LOC729792, LOC730400, LOC730401, LOC730408, LOC730409, LOC732021							
rs4713420		G/T	06p	T	0.166666667	0.183035714	0.660115	
rs4463136		C/T	04q	T	0.245535714	0.263392857	0.660216	
rs10264967	STK31	G/T	07p	T	0.166666667	0.151376147	0.660903	
rs935707		A/G	19q	G	0.476851852	0.5	0.660999	
rs10424191		A/G	19q	G	0.364864865	0.34375	0.661383	
rs2273328		A/T	20p	A	0.066037736	0.077981651	0.661388	
rs10942252		A/G	05p	A	0.36036036	0.379464286	0.661401	
rs11171277		A/G	12q	G	0.063636364	0.077981651	0.661549	
rs885276	CYP27C1	A/T	02q	T	0.418918919	0.4375	0.661783	
rs6669481	SLC26A9	C/T	01q	C	0.125	0.138392857	0.66188	
rs10405154	FLJ32658	A/G	19q	G	0.486486487	0.46875	0.661908	
rs1671150	GP6	A/G	19q	A	0.177272727	0.193693694	0.662012	
rs252579	EMR4	C/T	19p	T	0.211711712	0.227678571	0.66245	
rs7930185	LUZP2	C/G	11p	C	0.379464286	0.400900901	0.662659	
rs10887621	WAPAL	C/T	10q	T	0.286363636	0.303571429	0.662762	
rs14212	MPZL1	A/G	01q	G	0.126126126	0.13963964	0.662836	
rs2271637	STAB2	C/G	12q	C	0.28125	0.3	0.662869	
rs4075256	AKAP13	A/G	15q	A	0.354368932	0.33	0.662907	
rs7124407	C11orf52	C/G	11q	G	0.357142857	0.375	0.662935	
rs1673407	PKHD1L1	A/C	08q	A	0.480952381	0.495412844	0.663043	
rs11065500		A/G	12q	G	0.107142857	0.09375	0.663183	
rs237596	LOC729549	C/G	10p	C	0.31981982	0.302752294	0.663268	
rs4668123	LRP2	C/T	02q	T	0.258928571	0.240909091	0.66333	
rs10888255	OR11L1	C/G	01q	C	0.103603604	0.116071429	0.663523	
rs4823086	TBC1D10A	C/T	22q	T	0.111607143	0.125	0.663549	
rs202510		A/G	20p	A	0.428571429	0.40625	0.663868	
rs1571070		A/G	13q	A	0.34375	0.364864865	0.663977	
rs1801105		C/T	02q	T	0.094594595	0.105504587	0.664166	
rs4833095	TLR1	C/T	04p	C	0.290178571	0.272321429	0.664243	
rs3796139		A/G	03q	G	0.133928571	0.147321429	0.664779	
rs11265165	OR10J3	C/T	01q	C	0.066964286	0.077272727	0.664974	
rs2140516	SLC13A1	C/T	07q	C	0.308035714	0.325892857	0.66504	
rs751019	PTK2B	A/C	08p	C	0.477678571	0.5	0.665169	
rs527028		C/T	02q	T	0.418918919	0.440909091	0.665206	

rs10829163	ANKRD26	C/T	10p	T	0.15625	0.171171171	0.665256
rs6820230	SLC2A9	C/T	04p	T	0.236607143	0.254464286	0.665357
rs212989	SLC5A9	A/G	01p	A	0.205357143	0.189189189	0.665438
rs935706		A/G	19q	G	0.472972973	0.495535714	0.66559
rs10186922		A/G	02q	A	0.183035714	0.196428571	0.665842
rs2303291	ITSN2	C/T	02p	T	0.267857143	0.285714286	0.665971
rs2155853	hCG_1643692	A/G	18q	G	0.36036036	0.380733945	0.666091
rs4910844	OR52N4	A/T	11p	T	0.236111111	0.21875	0.666151
rs2070215	MCM7	A/G	07q	G	0.276785714	0.258928571	0.666674
rs2910327	PCDHB12	C/T	05q	T	0.148648649	0.133928571	0.666786
rs10100659	TGS1	C/T	08q	C	0.108108108	0.120535714	0.667032
rs366111	ZNF221	A/G	19q	G	0.102678571	0.116071429	0.667057
rs1126497	TACSTD1	C/T	02p	C	0.444444444	0.425233645	0.667291
rs2270565	UCP1	A/T	04q	A	0.067567568	0.058035714	0.667323
rs4782865	OSGIN1	C/T	16q	C	0.40625	0.427272727	0.667341
rs5030087	KNG1	C/G	03q	C	0.053571429	0.044642857	0.667362
rs3764556	MUC16	G/T	19p	T	0.292792793	0.274774775	0.667395
rs6934690	C6orf142	A/T	06p	T	0.074766355	0.06372549	0.66746
rs6573560	C14orf50	C/T	14q	T	0.476851852	0.457142857	0.66792
rs678	ITIH1	A/T	03p	T	0.405405405	0.383928571	0.668066
rs9328764	POLN	A/G	04p	A	0.098214286	0.111607143	0.668184
rs2888099	RBMS3	A/C	03p	C	0.157657658	0.142857143	0.668329
rs4296316		A/G	17q	A	0.276785714	0.294642857	0.668477
rs11204978	FLG	G/T	01q	T	0.147321429	0.135135135	0.668525
rs7176429	NTRK3	G/T	15q	T	0.308035714	0.325892857	0.66864
rs906807	NDUFV2	A/G	18p	A	0.18018018	0.165178571	0.669289
rs3742769		C/T	14q	T	0.190909091	0.175675676	0.669303
rs1051738	PDE4A	A/C	19p	A	0.166666667	0.183035714	0.66942
rs6438805	MYLK	C/G	03q	G	0.15625	0.142201835	0.669441
rs6658555	ST7L	C/T	01p	T	0.272321429	0.254464286	0.669446
rs9937453		A/G	16p	G	0.174107143	0.189189189	0.669755
rs2467402		G/T	15q	T	0.120535714	0.107142857	0.669845
rs745191	AKAP13	G/T	15q	T	0.297297297	0.315315315	0.670001
rs10221698	FLJ39061	C/T	02q	T	0.433035714	0.454954955	0.670402
rs262688	PRKCZ	A/C	01p	C	0.285714286	0.303571429	0.670527
rs7863265	STRBP, LOC729586	C/G	09q	C	0.344036697	0.324324324	0.67068
rs949882	FLJ37396	A/G	06q	A	0.330357143	0.346846847	0.670699

rs2301620	DNAH3	A/G	16p	A	0.058035714	0.067567568	0.670757
rs7118113	OR51B4	C/T	11p	C	0.304545454	0.324324324	0.6712
rs11221912	PRDM10	C/T	11q	T	0.053571429	0.044642857	0.671507
rs2466620	OR8D2	A/G	11q	A	0.121621622	0.133928571	0.671779
rs2618962		A/G	04p	A	0.40990991	0.385321101	0.671826
rs963401	USH1C	A/G	11p	A	0.339449541	0.359090909	0.671843
rs4616798	MLF1IP	C/T	04q	C	0.178571429	0.191964286	0.672012
rs6552804	MLF1IP	A/G	04q	G	0.178571429	0.191964286	0.672012
rs4320729	MYOM3	C/T	01p	T	0.424107143	0.401785714	0.672297
rs1670534	RNF212	A/G	04p	A	0.227678571	0.245535714	0.672485
rs7006	FBXW4, RP11-529I10.4	A/G	10q	G	0.276785714	0.258928571	0.672499
rs3748428	FAM38B	A/G	18p	A	0.142857143	0.129464286	0.672502
rs2275155	SDCCAG8	A/T	01q	A	0.330357143	0.348214286	0.672711
rs2298624	MYO5B	C/T	18q	T	0.129464286	0.116071429	0.672902
rs7722926	MGC23985	A/T	05q	T	0.090476191	0.102803738	0.672924
rs2275831	KIAA0562	C/T	01p	T	0.053571429	0.044642857	0.672943
rs10797347	KIAA0562	A/G	01p	A	0.053571429	0.044642857	0.672943
rs1147990	TTC4	A/T	01p	A	0.490654206	0.490740741	0.673296
rs4287691		A/C	19q	A	0.320754717	0.301980198	0.673526
rs3749523	ZNF141	G/T	04p	T	0.116071429	0.129464286	0.673587
rs1802491	PRPF8	C/T	17p	C	0.058035714	0.066964286	0.673825
rs6909271		A/T	06p	A	0.15625	0.171171171	0.673852
rs2301796	MAN2B2	G/T	04p	G	0.459090909	0.440366972	0.674111
rs7158731		C/T	14q	C	0.209821429	0.193693694	0.674276
rs1345748		A/G	19q	G	0.472972973	0.495535714	0.674364
rs11016076	MKI67	C/G	10q	G	0.171171171	0.183962264	0.674688
rs2254358	HSPG2	A/C	01p	C	0.3125	0.330357143	0.675024
rs2288255	BMP2K	C/T	04q	T	0.050458716	0.041666667	0.675225
rs2070317	BPIL3	A/G	20q	G	0.490990991	0.490990991	0.675365
rs1660882		C/T	11q	C	0.361607143	0.34375	0.675548
rs723685	SLC22A16	C/T	06q	C	0.084821429	0.095454545	0.675606
rs7941190	OR5AN1	C/G	11q	G	0.361607143	0.379464286	0.675811
rs3823310	AKAP12	G/T	06q	T	0.334821429	0.355855856	0.675848
rs2278911	KIAA1524	C/T	03q	T	0.133928571	0.120535714	0.675849
rs3816605	NUP160	C/T	11p	C	0.419047619	0.403846154	0.675882
rs2819421	AHNAK2	A/G	14q	A	0.334821429	0.321428571	0.676439
rs3099429		A/T	02q	T	0.209090909	0.191964286	0.676615

rs1667364		A/C	19q	C	0.467592593	0.490825688	0.676627
rs7666919		C/T	04p	T	0.321428571	0.339285714	0.677488
rs10459809	CNGB1	G/T	16q	T	0.147321429	0.160714286	0.678009
rs553717	GPC5	A/G	13q	A	0.098214286	0.085585586	0.678016
rs2784159		A/G	01p	A	0.190909091	0.174107143	0.678141
rs2276650	STARD7	C/G	02q	C	0.15625	0.142857143	0.67816
rs2798161		G/T	06p	T	0.352678571	0.334821429	0.678328
rs2292548	LOC440268	A/G	15q	G	0.058035714	0.049107143	0.678386
rs10769716	GVIN1	G/T	11p	T	0.297297297	0.315315315	0.678479
rs1929860	CDC42BPA	A/G	01q	A	0.28125	0.299107143	0.678584
rs6777976	OXNAD1	C/T	03p	T	0.196428571	0.211711712	0.678762
rs10118193		A/G	09q	G	0.370535714	0.351351351	0.678977
rs2228545	BMPR2	A/G	02q	A	0.050458716	0.059090909	0.679317
rs7670566	LOC389230	C/T	04q	T	0.495495496	0.477477478	0.679344
rs482082	WDR78	A/G	01p	G	0.457142857	0.440909091	0.679442
rs2244008	LAMA2	A/G	06q	G	0.054054054	0.045045045	0.679631
rs10790610	OR8D4	C/T	11q	C	0.308035714	0.325892857	0.679937
rs4465542	AHNAK2	C/T	14q	T	0.433035714	0.412844037	0.680112
rs489060		C/G	01q	C	0.080357143	0.09009009	0.680185
rs11189513	C10orf28	A/G	10q	G	0.272321429	0.290178571	0.680588
rs2287622	ABCB11	C/T	02q	T	0.40625	0.388392857	0.680658
rs1208	NAT2	A/G	08p	G	0.481981982	0.5	0.680761
rs493430	C17orf77	A/C	17q	A	0.40860215	0.386904762	0.680869
rs12377832	PTGES2, LOC389791	A/G	09q	A	0.138392857	0.125	0.680904
rs1378796	VEPH1	A/C	03q	C	0.110526316	0.098837209	0.681342
rs10758216		C/G	09p	C	0.379464286	0.361607143	0.681447
rs1048755	ATXN3	A/G	14q	A	0.25	0.234234234	0.681663
rs11861251	ITGAM	C/T	16p	C	0.160714286	0.147321429	0.68183
rs14103	C1orf212	A/C	01p	C	0.071428571	0.0625	0.681854
rs3734055	FAT2	C/T	05q	C	0.445945946	0.464285714	0.68269
rs2147896	C10orf33	C/T	10q	C	0.391891892	0.40990991	0.682767
rs11737724		C/G	04q	G	0.171171171	0.181818182	0.682943
rs4883475		C/T	12p	C	0.431372549	0.413265306	0.682994
rs4720015	INMT	G/T	07p	T	0.168367347	0.179347826	0.683004
rs6591536	OR5A1	A/G	11q	G	0.370535714	0.388392857	0.683129
rs9930984	ADAMTS18	G/T	16q	T	0.397321429	0.414414414	0.683428
rs11633991		C/T	15q	C	0.160714286	0.174107143	0.683494



rs11754288	SLC17A4	A/G	06p	A	0.433035714	0.450892857	0.683542
rs3812594	SEC16A	A/G	09q	A	0.313636364	0.293577982	0.683559
rs10490924	ARMS2	G/T	10q	T	0.224770642	0.209090909	0.683727
rs3740203	USP6NL	A/G	10p	A	0.095959596	0.106796116	0.683748
rs12529	AKR1C3	C/G	10p	G	0.436936937	0.419642857	0.683966
rs6501868	RNF157, LOC643159	A/G	17q	G	0.410377359	0.387850467	0.684878
rs211715	LOC646425	C/G	01p	G	0.414414414	0.397321429	0.684924
rs2010875	PLEKHQ1	A/G	15q	A	0.15625	0.143518518	0.68508
rs2289491	SLC9A9	C/T	03q	C	0.061320755	0.052884615	0.685099
rs935180		A/C	06q	A	0.236607143	0.254464286	0.685113
rs11219544	OR8G5	G/T	11q	G	0.077669903	0.088785047	0.685203
rs11248317	LOC729800	C/T	10q	C	0.223214286	0.205357143	0.685255
rs1029396	ASZ1	G/T	07q	G	0.080357143	0.090909091	0.68533
rs879022		C/T	02p	T	0.058558559	0.05	0.685351
rs3733694	PCDHB8	C/T	05q	C	0.175675676	0.160714286	0.685421
rs10141024	C14orf152	A/G	14q	G	0.46875	0.490909091	0.685524
rs7318174		A/T	13q	T	0.308035714	0.325892857	0.685696
rs1934050		C/G	10p	G	0.415178571	0.396396396	0.685701
rs2433724	VSTM1	A/G	19q	G	0.428571429	0.446428571	0.685981
rs12459008	ZNF816A	A/T	19q	T	0.366071429	0.383928571	0.686013
rs1803274	BCHE	A/G	03q	A	0.18627451	0.200934579	0.686168
rs2267586	UPK1A	G/T	19q	G	0.0625	0.053571429	0.686344
rs7590429	LOC93349	C/T	02q	T	0.37254902	0.394230769	0.686436
rs3762271	ASPM	A/C	01q	A	0.459459459	0.47706422	0.686562
rs6490642	LOC441655	A/G	13q	A	0.222727273	0.207207207	0.68675
rs3739916	TTF1	A/G	09q	A	0.076576577	0.066964286	0.686908
rs10823229	CXXC6	A/G	10q	G	0.441964286	0.424107143	0.687012
rs1981071	IFI44L	A/G	01p	A	0.053571429	0.044642857	0.687035
rs11917356		A/G	03q	G	0.2	0.214285714	0.687053
rs9263871	HCG27	A/G	06p	G	0.359090909	0.339285714	0.687708
rs1826619		G/T	10p	T	0.158878505	0.145454546	0.687772
rs2020221	C21orf29, KRTAP10-5	C/T	21q	T	0.236607143	0.252252252	0.687784
rs7796289		G/T	07q	G	0.058035714	0.05	0.687994
rs2251660	RDM1	G/T	17q	G	0.234693878	0.25	0.688
rs10951986	GRID2IP	A/G	07p	A	0.072072072	0.0625	0.688174
rs2111375		A/G	02p	A	0.28125	0.297297297	0.688182
rs2272199	COL4A4	A/G	02q	A	0.463963964	0.445945946	0.688256

rs138593	RP3-474I12.5	A/G	22q	G	0.303571429	0.285714286	0.688328
rs892586	TCEB3B, KATNAL2	G/T	18q	G	0.463963964	0.482142857	0.688471
rs4779061	FSD2	G/T	15q	G	0.09375	0.104545454	0.688638
rs11770537		A/G	07q	G	0.386363636	0.366071429	0.68878
rs1407977	C9orf52	A/G	09p	A	0.395454545	0.378378378	0.688893
rs10058947		C/T	05q	C	0.189189189	0.205357143	0.689103
rs4895943	VNN3	C/T	06q	C	0.4375	0.419642857	0.689111
rs12459463		C/T	19p	C	0.245535714	0.227678571	0.68933
rs3812908	SCAPER	C/T	15q	C	0.299065421	0.280952381	0.689343
rs7300780	MUC19, LOC730512	A/G	12q	A	0.297297297	0.316964286	0.68942
rs735473	LOC400958	C/T	02p	T	0.107142857	0.120535714	0.6896
rs1468270	NFE2L1	C/T	17q	T	0.200892857	0.21875	0.689668
rs2344900	FLJ36144	C/T	15q	T	0.151785714	0.165178571	0.689902
rs2908004	WNT16	C/T	07q	T	0.4375	0.455357143	0.68992
rs7330715		A/T	13q	A	0.304545454	0.322727273	0.690284
rs4328074		A/G	01q	A	0.301801802	0.321428571	0.69038
rs2273959	SDCBP2	C/T	20p	T	0.481981982	0.5	0.690476
rs2280432		C/T	15q	T	0.232142857	0.247747748	0.690482
rs2073724	TCF19	C/T	06p	T	0.080357143	0.09009009	0.6905
rs1047740	KDELC1	A/G	13q	G	0.258928571	0.245535714	0.690719
rs1047855	ENTPD3	C/T	03p	T	0.310810811	0.294642857	0.690775
rs778294	DAOA	A/G	13q	A	0.258928571	0.276785714	0.69082
rs1976165	SEZ6	C/T	17q	C	0.285714286	0.303571429	0.691199
rs11587021	VSIG8	C/T	01q	T	0.450450451	0.433035714	0.691289
rs1799950	BRCA1	A/G	17q	G	0.072072072	0.081081081	0.69139
rs7572857	CEP68	A/G	02p	A	0.168181818	0.183486238	0.691466
rs4961	ADD1	G/T	04p	T	0.168181818	0.183035714	0.691899
rs1051931	PLA2G7	A/G	06p	A	0.196428571	0.211711712	0.691945
rs11694988	TTC30B	C/T	02q	C	0.138392857	0.125	0.692008
rs4968839	ABCA6	C/T	17q	C	0.31981982	0.339285714	0.692165
rs10857535	C10orf53	A/G	10q	A	0.477678571	0.495535714	0.692177
rs2302334	EIF2AK1	A/T	07p	A	0.440366972	0.459821429	0.692248
rs132700	APOL4	C/T	22q	C	0.325892857	0.306306306	0.692277
rs15772	NMT2, RPP38	C/G	10p	G	0.196428571	0.211711712	0.692457
rs2997211	MPP7	C/T	10p	T	0.125	0.111607143	0.692537
rs2908784		A/G	16q	A	0.34375	0.325892857	0.692543
rs1395267	SERPINB11	C/T	18q	T	0.294642857	0.279279279	0.692677

rs4805825	CCDC123	A/G	19q	G	0.178571429	0.193693694	0.69289
rs3219484	MUTYH	A/G	01p	A	0.075892857	0.085585586	0.692977
rs7158139		A/G	14q	A	0.207207207	0.191964286	0.693057
rs7100403	C10orf112	A/G	10p	A	0.427272727	0.440366972	0.693382
rs2290652	ZNF302	C/T	19q	C	0.388392857	0.369369369	0.693413
rs226959	C6orf145	C/G	06p	G	0.333333333	0.352678571	0.693492
rs3808782	C9orf39	A/G	09p	A	0.076576577	0.088785047	0.693561
rs2354336	KIAA1549	A/C	07q	A	0.075892857	0.066964286	0.69384
rs7978894	C12orf63	C/T	12q	C	0.272727273	0.290178571	0.693916
rs7499843		A/T	16q	A	0.315315315	0.334821429	0.693952
rs2288467	CDH9	C/T	05p	C	0.477678571	0.495535714	0.694159
rs2501968	CENPQ	A/G	06p	G	0.401785714	0.382882883	0.694384
rs4838554	C10orf53	C/T	10q	T	0.472972973	0.491071429	0.694415
rs879664	LOC339766	C/T	02q	T	0.0625	0.072072072	0.694426
rs3747531	MSR1	C/G	08p	C	0.058035714	0.049549549	0.694435
rs7240666	ALPK2	C/T	18q	T	0.216216216	0.200892857	0.694511
rs1047266	TNFRSF10B	C/T	08p	T	0.063063063	0.055045872	0.694578
rs3819946	CRYZ	C/T	01p	C	0.129464286	0.118181818	0.694644
rs1127410	PIGG	C/T	04p	C	0.121052632	0.107954545	0.694669
rs1126478	LTF	A/G	03p	G	0.309090909	0.292792793	0.695331
rs3814596	PITRM1	A/G	10p	G	0.21875	0.202702703	0.695542
rs7397032	OR56B1	C/T	11p	T	0.162037037	0.174528302	0.695927
rs165602	NEFH	A/C	22q	C	0.138392857	0.151785714	0.696025
rs2270968	MCCC1	A/C	03q	A	0.281818182	0.265765766	0.696246
rs11603869	C11orf47	C/G	11p	G	0.198198198	0.184684685	0.696298
rs7208422	TMC8	A/T	17q	A	0.473214286	0.491071429	0.696364
rs2286025	TMEM106C	A/G	12q	A	0.138392857	0.125	0.696802
rs2397965	CES7	C/T	16q	T	0.174107143	0.160714286	0.696928
rs7935453		C/G	11p	C	0.27027027	0.254464286	0.696941
rs8057643	A2BP1	C/T	16p	C	0.241071429	0.225225225	0.69703
rs4309825	KLHL2	A/G	04q	G	0.316964286	0.299107143	0.697076
rs743923	SLC26A8	A/G	06p	A	0.225225225	0.209090909	0.697484
rs2306985	MTTP	C/G	04q	G	0.415887851	0.395238095	0.697611
rs9636845	KRTAP11-1	A/T	21q	T	0.0625	0.071428571	0.697712
rs2706762	PCYOX1	C/T	02p	T	0.169642857	0.15625	0.697823
rs913257	SCYL1BP1	A/G	01q	G	0.486607143	0.495495496	0.697894
rs891921	SLIT3	C/T	05q	T	0.125	0.112612613	0.698525

rs11571223		G/T	11q	T	0.147321429	0.160714286	0.698595
rs1877731	FAT	C/G	04q	C	0.171296296	0.182692308	0.698672
rs7330197		A/T	13q	T	0.428571429	0.446428571	0.698724
rs1053338	ATXN7	A/G	03p	G	0.113207547	0.101941748	0.698782
rs7662486		C/T	04q	T	0.25	0.236607143	0.699356
rs4349489	LMCD1	C/G	03p	G	0.491071429	0.472972973	0.699372
rs10868138	SLC28A3	C/T	09q	C	0.089285714	0.080357143	0.699727
rs1780680	C20orf132	G/T	20q	T	0.441964286	0.45945946	0.699773
rs9346	C20orf111	G/T	20q	G	0.165178571	0.178571429	0.699847
rs10819260	RALGPS1	C/T	09q	T	0.193693694	0.178571429	0.699996
rs3093153	CYP4F2	G/T	19p	T	0.064220184	0.056074766	0.700627
rs3795737	C1orf66, ISG20L2	C/T	01q	C	0.071428571	0.0625	0.700883
rs7129229	FAT3	A/T	11q	T	0.169642857	0.183035714	0.7014
rs11575584	IL11RA, CCL27	A/G	09p	A	0.059090909	0.050458716	0.701509
rs2647573	OR51Q1	A/G	11p	G	0.383928571	0.400900901	0.701636
rs1864183	ATG10	A/G	05q	A	0.418918919	0.436936937	0.701872
rs2064613		A/C	20q	C	0.366071429	0.383928571	0.702014
rs947894		A/G	11q	G	0.34375	0.36036036	0.702295
rs6785339	TM4SF19	G/T	03q	T	0.40625	0.387387387	0.702611
rs770087	DUSP6	G/T	12q	G	0.171296296	0.186363636	0.702911
rs8182086	ZNF592	A/G	15q	A	0.175675676	0.189189189	0.703008
rs10064102		A/T	05q	A	0.191964286	0.178571429	0.703141
rs4698803	EGF	A/T	04q	A	0.25	0.234234234	0.703173
rs1527263	tcag7.1314	C/T	07q	T	0.254545455	0.238317757	0.703254
rs764205	LRIT3	A/T	04q	T	0.388392857	0.370535714	0.703283
rs7698680	CCDC110	A/T	04q	T	0.486607143	0.495535714	0.703374
rs657672		C/T	17q	T	0.165178571	0.151785714	0.703454
rs11237145	GDPD4	C/T	11q	C	0.361607143	0.379464286	0.703543
rs2401751	PTPN21	C/T	14q	T	0.364864865	0.348214286	0.703775
rs3800544	WDR27	C/T	06q	T	0.071428571	0.0625	0.703804
rs197414	DDX20	A/C	01p	A	0.151785714	0.138392857	0.703838
rs5065	NPPA	A/G	01p	G	0.169642857	0.183035714	0.704337
rs8061734		G/T	16p	G	0.153153153	0.13963964	0.704693
rs7855745	ROD1	C/T	09q	C	0.458333333	0.476851852	0.704958
rs140504	BCR	A/G	22q	A	0.151785714	0.162162162	0.705106
rs8056547	A2BP1	C/G	16p	G	0.464285714	0.446428571	0.70514
rs6776064	C3orf34	C/T	03q	C	0.366071429	0.348214286	0.705166

rs2228248	GTF3C1	A/G	16p	A	0.165178571	0.178571429	0.705213
rs2280085	NUP210	C/G	03p	G	0.178571429	0.191964286	0.705446
rs3795605	DUSP27	A/G	01q	A	0.142857143	0.15625	0.705454
rs4294502	TTC18	C/T	10q	C	0.080357143	0.071428571	0.705459
rs838100	STEAP3	A/G	02q	A	0.364864865	0.383928571	0.705598
rs2303909	GFM1	C/T	03q	C	0.477678571	0.459821429	0.705622
rs4758423	C11orf47	C/T	11p	T	0.330357143	0.3125	0.705681
rs10999947	CDH23	A/G	10q	A	0.254464286	0.238738739	0.706029
rs10498520		A/G	14q	A	0.495535714	0.486486486	0.706056
rs2822612		A/G	21q	G	0.318181818	0.334821429	0.706161
rs2227264	TAS2R5	G/T	07q	T	0.495535714	0.477678571	0.706207
rs3741628	C12orf41	G/T	12q	G	0.446428571	0.428571429	0.706244
rs3748433	CEP250	C/T	20q	T	0.080357143	0.071428571	0.706278
rs7555046		C/T	01q	C	0.15625	0.142857143	0.706333
rs807289		A/C	16q	A	0.486607143	0.495535714	0.706365
rs4986764	BRIP1	C/T	17q	T	0.410714286	0.392857143	0.706525
rs1339374	C9orf100, CCDC107	C/T	09p	T	0.174107143	0.189189189	0.706564
rs783396	AIM1	A/C	06q	A	0.071428571	0.080357143	0.706627
rs4522268	OR6C74	C/T	12q	T	0.299107143	0.316964286	0.706655
rs3829037	MTSS1	A/G	08q	G	0.191964286	0.18018018	0.706799
rs3823646	GAL3ST4	C/T	07q	C	0.427927928	0.445945946	0.706946
rs12611515		C/T	02q	T	0.333333333	0.316964286	0.707151
rs1837949	LOC729184	A/G	10q	G	0.308035714	0.290178571	0.70727
rs6911096	SYNE1	A/T	06q	A	0.265765766	0.25	0.707501
rs10878075	DPY19L2	C/T	12q	C	0.234375	0.223958333	0.707521
rs522063	EXDL1	C/T	15q	T	0.241071429	0.227678571	0.707597
rs3739722	GRIN3A	A/G	09q	A	0.129464286	0.142857143	0.707633
rs1993771		A/G	09q	A	0.095454545	0.084821429	0.707882
rs6076122	CST1	A/G	20p	A	0.348214286	0.330357143	0.708161
rs2075085		C/T	07p	T	0.366071429	0.383928571	0.708222
rs3731644	SH3BP4	C/T	02q	C	0.116071429	0.129464286	0.708471
rs9652588	PDILT	C/T	16p	T	0.495535714	0.486363636	0.70853
rs6468171	C8orf41, RBM13	A/G	08p	A	0.401785714	0.383928571	0.708545
rs4955216	LOC344787, LOC731901	G/T	03p	T	0.178571429	0.165178571	0.708621
rs10961700	FREM1	C/T	09p	T	0.169642857	0.15625	0.708663
rs8179183	LEPR	C/G	01p	C	0.184684685	0.198198198	0.708678
rs282129	GABRR2	C/T	06q	T	0.261904762	0.245535714	0.708734

rs1062633	MST1R	A/G	03p	A	0.5	0.482142857	0.708811
rs2270781		A/G	03q	A	0.191964286	0.205357143	0.709221
rs1041073	B3GALTL	C/T	13q	C	0.194174757	0.182242991	0.709379
rs2412544	CASC5	C/T	15q	T	0.388392857	0.370535714	0.709524
rs2293277	CEP55	A/T	10q	A	0.222222222	0.236607143	0.710071
rs1800458	TTR	A/G	18q	A	0.067567568	0.076576577	0.710267
rs2832127		C/T	21q	T	0.209090909	0.193693694	0.710384
rs2910313	PCDHB7	C/G	05q	G	0.433035714	0.450450451	0.710528
rs7917573	KIAA1462	C/G	10p	G	0.364130435	0.351648352	0.710541
rs931312	TIAM2	C/T	06q	T	0.1875	0.174107143	0.710654
rs540742	GIPC2	C/T	01p	C	0.263392857	0.25	0.710992
rs3829817	FBN3	A/G	19p	A	0.232142857	0.21875	0.711194
rs2234237	TREM1	A/T	06p	T	0.075892857	0.066964286	0.711611
rs4958531	NMUR2	C/T	05q	C	0.183035714	0.196428571	0.711814
rs4958535	NMUR2	C/G	05q	G	0.183035714	0.196428571	0.711814
rs11168459	OR10AD1, DKFZP779L1853	A/G	12q	G	0.247747748	0.232142857	0.711884
rs11051266	OVOS2	A/G	12p	A	0.435483871	0.453125	0.711951
rs2254357	HSPG2	C/G	01p	C	0.310810811	0.327272727	0.711981
rs1052501	ULK4	A/G	03p	G	0.165178571	0.151785714	0.712046
rs36571	ASCC2	A/G	22q	A	0.076576577	0.066964286	0.712296
rs556754		A/G	11q	A	0.446428571	0.464285714	0.712395
rs11057939	DHX37	C/T	12q	T	0.147321429	0.133928571	0.712426
rs10941112	AMACR	A/G	05p	G	0.490990991	0.472477064	0.712484
rs9323693	OR11H6	C/G	14q	G	0.089622642	0.080188679	0.712793
rs1736557	FMO3	A/G	01q	A	0.067961165	0.059405941	0.712877
rs6166	FSHR	A/G	02p	G	0.428571429	0.445945946	0.712897
rs1047677		G/T	09p	T	0.166666667	0.177272727	0.712946
rs2072579	SART3, ISCU	C/G	12q	C	0.18018018	0.191964286	0.712977
rs1805049	USH2A	A/G	01q	G	0.388392857	0.405405405	0.713179
rs11498	LOC339804	A/G	02p	G	0.472727273	0.454954955	0.71323
rs12572012	MPHOSPH1	A/T	10q	T	0.174107143	0.1875	0.713235
rs3758388	MPHOSPH1	A/T	10q	T	0.174107143	0.1875	0.713235
rs619381	TAS2R7	C/T	12p	T	0.102678571	0.09375	0.713292
rs1559	LOC731151	A/C	19q	A	0.081081081	0.071428571	0.713389
rs12507099	BMP2K	C/G	04q	G	0.112612613	0.103603604	0.713581
rs3745081		C/T	18q	C	0.401785714	0.418918919	0.713581

rs12582	DKFZp762E1312	A/G	02q	A	0.098958333	0.108695652	0.713737
rs2076559	ENTPD6	A/G	20p	A	0.357142857	0.340909091	0.713836
rs3816988	TLN2	A/G	15q	G	0.1875	0.200892857	0.713864
rs2280250		A/G	04p	A	0.316964286	0.333333333	0.713877
rs708035	IRAK2	A/T	03p	T	0.35	0.337837838	0.713889
rs1383180	EVC	C/T	04p	T	0.401785714	0.381818182	0.713997
rs2329356	KLHL22	G/T	22q	G	0.055045872	0.0625	0.714173
rs938608	ACAN	G/T	15q	G	0.330357143	0.348214286	0.714309
rs2066807	STAT2	C/G	12q	C	0.063063063	0.071428571	0.714602
rs1715828	WDR69	A/T	02q	A	0.191964286	0.178571429	0.714628
rs1757095	TNC	C/T	09q	T	0.089285714	0.080357143	0.714679
rs2242093	ZC3H3	A/G	08q	G	0.160714286	0.148648649	0.714951
rs918949	TNS1	C/T	02q	C	0.433035714	0.415178571	0.714993
rs9490809	TRDN	C/G	06q	G	0.450892857	0.468468469	0.715046
rs4632862		A/G	06q	G	0.388392857	0.372727273	0.715136
rs4495918	OR52E6	A/C	11p	A	0.366071429	0.351351351	0.715188
rs12156420	C8orf79	C/G	08p	G	0.058035714	0.066964286	0.715233
rs6962756	ASB15	C/T	07q	C	0.21875	0.205357143	0.71528
rs9300756	FLJ40176	A/G	13q	G	0.419642857	0.4375	0.715293
rs670573	MRPS24	C/T	07p	C	0.080357143	0.071428571	0.715403
rs1061627	RECQL, GOLT1B	C/T	12p	C	0.196428571	0.183035714	0.715711
rs1507535	LOC729147	G/T	11p	G	0.427927928	0.40990991	0.716151
rs9897720	LOC728991	C/T	17q	T	0.113636364	0.103603604	0.71616
rs4432930		C/T	05q	T	0.424107143	0.40625	0.716388
rs3811040	CKAP2L	A/G	02q	A	0.472972973	0.491071429	0.716427
rs542237		C/T	18q	C	0.243243243	0.258928571	0.716482
rs12544854	ASAH1	C/T	08p	T	0.486111111	0.5	0.71658
rs156697	GSTO2	C/T	10q	C	0.392857143	0.40990991	0.716718
rs2277114	FLJ25791	C/T	06q	T	0.392857143	0.410714286	0.71677
rs10737374	CSMD2	A/G	01p	G	0.274774775	0.290178571	0.716933
rs1801019	UMPS	C/G	03q	C	0.15	0.160714286	0.71709
rs2272935	NPAL3	C/T	01p	T	0.285714286	0.303571429	0.71747
rs1049532		A/G	05q	A	0.373873874	0.392857143	0.717505
rs1130643	SPARCL1	A/G	04q	G	0.116071429	0.107142857	0.71756
rs4788587	PKD1L3	A/G	16q	A	0.15625	0.168181818	0.717579
rs6509544	SIGLEC12	C/G	19q	G	0.13963964	0.151785714	0.718011
rs6098	SERPIN2	A/G	18q	G	0.245535714	0.232142857	0.718101

rs3816281	PLEK	G/T	02p	T	0.252252252	0.267857143	0.718203
rs3130764	OR2J3	A/G	06p	A	0.222727273	0.208333333	0.718403
rs2230739	ADCY9	A/G	16p	G	0.339285714	0.324324324	0.718606
rs10953315	MUC12	A/G	07q	G	0.243243243	0.258928571	0.718611
rs2431363	IQGAP2	C/T	05q	T	0.37	0.385057471	0.718631
rs2291691	PPFIA4	G/T	01q	G	0.202702703	0.214285714	0.718733
rs534606		A/G	11q	A	0.086363636	0.077272727	0.71891
rs188703	VCAN	C/T	05q	T	0.369369369	0.354545455	0.719038
rs2254562	SYNJ1	C/T	21q	C	0.3125	0.299107143	0.719111
rs2171492	CPA4	G/T	07q	T	0.401785714	0.419642857	0.719345
rs3740871		A/G	11p	A	0.3125	0.328828829	0.71948
rs557337	TBC1D4	A/G	13q	G	0.075892857	0.066964286	0.719794
rs10500209	ZNF439	A/G	19p	G	0.22972973	0.214285714	0.720053
rs2276932	ARHGAP10	C/T	04q	C	0.066964286	0.075892857	0.720079
rs16941	BRCA1	A/G	17q	G	0.318181818	0.330275229	0.720499
rs1476387	SMPD2, MICAL1	G/T	06q	T	0.418181818	0.436363636	0.720764
rs10490392		G/T	02q	G	0.433035714	0.45045045	0.72078
rs2627037	TTN	A/G	02q	A	0.09375	0.084821429	0.720863
rs337619	FLJ13197	G/T	04p	T	0.227678571	0.214285714	0.720971
rs2235197	UNC93A	A/G	06q	A	0.0625	0.071428571	0.721054
rs1375719	LOC643677	C/T	13q	C	0.486486486	0.46875	0.721126
rs9294445	MDN1	A/G	06q	A	0.5	0.482142857	0.721273
rs2293404	IQCE	C/T	07p	T	0.263392857	0.279279279	0.721439
rs7150854		A/G	14q	G	0.169642857	0.183035714	0.721563
rs2659880	OR2AG1	A/C	11p	A	0.34375	0.36036036	0.721706
rs1769259	FBP1	A/G	09q	G	0.0625	0.049019608	0.721715
rs2433	C17orf42	A/G	17q	G	0.118181818	0.10952381	0.721765
rs671431		C/G	01p	C	0.198198198	0.184684685	0.721768
rs3744108	MTMR4	C/G	17q	C	0.344339623	0.359813084	0.721829
rs10424345		A/G	19p	A	0.142857143	0.130630631	0.721844
rs7604639	MERTK	A/G	02q	G	0.370535714	0.388392857	0.722041
rs6489795		C/G	12q	G	0.066964286	0.058558559	0.722225
rs2301574	LOC283152	C/T	11q	T	0.276785714	0.263392857	0.722271
rs7600360		C/T	02q	C	0.09009009	0.081081081	0.722326
rs6969691	SAMD9	A/G	07q	G	0.118181818	0.129464286	0.722462
rs1133330	MAN2B1	A/G	19p	A	0.414414414	0.433035714	0.722495
rs1718119	P2RX7	C/T	12q	T	0.379464286	0.396396396	0.722538



rs763361	CD226	C/T	18q	T	0.445945946	0.462264151	0.722722
rs12621643	KCNE4	G/T	02q	T	0.298165138	0.283783784	0.723088
rs4936966	CCDC15	A/G	11q	A	0.209821429	0.223214286	0.723107
rs9885672	FIG4	C/T	06q	C	0.193693694	0.180555556	0.723167
rs1500480	LOC339766	C/T	02q	T	0.165178571	0.151785714	0.723249
rs12576296		C/T	11p	T	0.310810811	0.325471698	0.723265
rs7636957		C/G	03p	G	0.414414414	0.396396396	0.7235
rs3731894		C/T	02q	T	0.075892857	0.066964286	0.72365
rs2297950	CHIT1	C/T	01q	T	0.295454546	0.310810811	0.723861
rs4244454	ChGn	C/T	08p	C	0.174107143	0.1875	0.723944
rs1885533	HEATR1	A/G	01q	A	0.34375	0.357142857	0.723948
rs6691117	CR1	A/G	01q	G	0.222222222	0.21	0.724137
rs553928		C/T	01q	T	0.370535714	0.383928571	0.724205
rs11209235	LOC149224	C/T	01p	T	0.058558559	0.066964286	0.724231
rs10414834	ZNF493	C/G	19p	G	0.186363636	0.197247706	0.72429
rs1044303	LOC285733	A/G	06q	A	0.283783784	0.268181818	0.724348
rs7937809		A/G	11q	A	0.40990991	0.392857143	0.724443
rs4785755	AFG3L1, MGC16385	A/G	16q	G	0.285714286	0.272321429	0.725268
rs3087399	REV1	A/G	02q	G	0.118181818	0.108108108	0.725338
rs2236316	NIN	C/G	14q	C	0.258928571	0.274774775	0.725484
rs7778635		C/G	07p	C	0.09375	0.084821429	0.725644
rs6805421	KBTBD5	A/G	03p	A	0.361607143	0.34375	0.725698
rs10090516		A/C	08p	A	0.058035714	0.049549549	0.725782
rs558813	TMEM45B	A/G	11q	A	0.196428571	0.183035714	0.725796
rs218966	PHF14	C/T	07p	T	0.337837838	0.352678571	0.726588
rs12154540	ZNF679	A/G	07q	G	0.243243243	0.229357798	0.726773
rs2291311	TTN	C/T	02q	C	0.075892857	0.067567568	0.726775
rs4834567		A/C	04q	A	0.162162162	0.151785714	0.726794
rs151358	SLMO2	A/C	20q	A	0.236607143	0.223214286	0.72685
rs7297245	HAL	C/T	12q	C	0.209821429	0.223214286	0.726998
rs406113	GPX6	A/C	06p	C	0.325892857	0.3125	0.72702
rs1077236	CCDC26	A/C	08q	A	0.1875	0.175675676	0.727246
rs12349140	LOC392288	G/T	09p	T	0.337837838	0.352678571	0.727326
rs1390938	SLC18A1	A/G	08p	A	0.232142857	0.245535714	0.727491
rs1126933	CDH3	C/G	16q	C	0.383928571	0.401785714	0.727539
rs4843075	AKAP13	A/G	15q	G	0.40625	0.387096774	0.727561
rs11249552	COL23A1	A/C	05q	A	0.089285714	0.080357143	0.727806

rs2889732	C20orf186	A/C	20q	C	0.34375	0.36036036	0.727903
rs11666105	DHDH	C/T	19q	C	0.178571429	0.191964286	0.728107
rs868733	H2AFY	C/T	05q	T	0.075892857	0.066964286	0.728135
rs1851270		A/G	17p	A	0.067567568	0.058558559	0.7282
rs1345658	ZNF30	C/T	19q	C	0.473214286	0.491071429	0.728395
rs2846412	EXPH5	A/G	11q	A	0.397321429	0.415178571	0.728441
rs135796	FLJ44385	A/G	22q	G	0.084821429	0.075892857	0.72847
rs11853932	AGBL1	A/G	15q	G	0.315315315	0.330275229	0.728533
rs3747495	KIAA1529	A/G	09q	G	0.160714286	0.148648649	0.728561
rs1515442	SPATA16	A/G	03q	G	0.259433962	0.276190476	0.728649
rs11615962	MUC19, LOC647546	C/G	12q	C	0.09375	0.103603604	0.728675
rs3130827	LOC642024, LOC646317, LOC651503	C/T	06p	T	0.35	0.364864865	0.729105
rs1432547		A/G	02p	A	0.267857143	0.28125	0.7293
rs2275801	ZMYND8	A/G	20q	G	0.075892857	0.067567568	0.729437
rs2274407	ABCC4	A/C	13q	A	0.080357143	0.071428571	0.729619
rs11151964	CNDP1	A/G	18q	A	0.127272727	0.13963964	0.729674
rs4074536	CASQ2	C/T	01p	C	0.331632653	0.348958333	0.729681
rs10826793		C/T	10p	T	0.330357143	0.316964286	0.729851
rs11698080	LAMA5	C/T	20q	T	0.227272727	0.214285714	0.730029
rs811925	PRDM1	C/G	06q	C	0.144144144	0.153153153	0.730401
rs12629133	RPL32, CAND2	A/G	03p	G	0.361607143	0.378378378	0.730424
rs7250969	ZNF137	A/G	19q	A	0.21875	0.205357143	0.730628
rs6923492	GRM1	C/T	06q	T	0.370967742	0.356321839	0.730662
rs3846009		A/G	03p	A	0.337837838	0.352678571	0.730687
rs6519442	LOC388882	G/T	22q	G	0.294642857	0.279279279	0.730893
rs4301626	FCRL6	C/T	01q	C	0.058035714	0.067567568	0.73101
rs2696513	LOC644264	A/G	17q	G	0.18018018	0.191964286	0.731284
rs2248490	WDR4	C/G	21q	G	0.5	0.482142857	0.731365
rs2295101		C/T	01q	T	0.098214286	0.108108108	0.731473
rs460184	CFH	A/G	01q	G	0.330357143	0.31981982	0.73159
rs8014119	REM2	C/G	14q	C	0.084821429	0.075892857	0.731683
rs7107539	OR8D1	A/C	11q	C	0.402777778	0.386363636	0.731737
rs4937586		A/C	11q	A	0.254464286	0.267857143	0.731788
rs2460255	TGFBRAP1	C/T	02q	T	0.147321429	0.159090909	0.732062
rs4144901	NPAT	A/T	11q	A	0.147321429	0.135135135	0.732122
rs10876023	LOC121006	A/G	12q	A	0.306306306	0.321428571	0.732351

rs1827125		C/T	08q	T	0.234234234	0.247747748	0.732628
rs7854413	PDCD1LG2	C/T	09p	C	0.098214286	0.107142857	0.732753
rs3811444	TRIM58	C/T	01q	T	0.348214286	0.361607143	0.732938
rs2296262	DFNB31	A/G	09q	A	0.379464286	0.363636364	0.733005
rs4963	ADD1	C/G	04p	G	0.157657658	0.169642857	0.733116
rs11207949	ANKRD38	C/T	01p	C	0.236607143	0.222727273	0.733171
rs1517618	SLCO3A1	C/G	15q	C	0.147321429	0.157657658	0.733186
rs2101919	NID2	A/G	14q	G	0.243243243	0.259090909	0.733314
rs464333	LOC732226	A/G	21q	A	0.157657658	0.171171171	0.7334
rs2075274	MGC16703	A/G	22q	A	0.351351351	0.336363636	0.733437
rs1065205	SERPINB3	A/G	18q	G	0.076576577	0.084821429	0.733799
rs85276	DDX20	C/T	01p	C	0.151785714	0.13963964	0.733831
rs7779	SCCPDH	C/G	01q	G	0.075892857	0.066964286	0.734095
rs2289025	PARD3B	A/G	02q	G	0.410714286	0.392857143	0.734171
rs11746	FCRLA	A/G	01q	G	0.495412844	0.490825688	0.734694
rs1054487	MAN2B1	C/T	19p	T	0.415178571	0.433035714	0.73492
rs2307340	MCM5	C/G	22q	G	0.072727273	0.081081081	0.734947
rs4661661	FLJ37453, LOC729614	C/T	01p	C	0.102678571	0.111607143	0.734997
rs9654132	FLJ16686	A/G	04p	A	0.265765766	0.25	0.735256
rs437179	SKIV2L	G/T	06p	T	0.276785714	0.263392857	0.735345
rs10814571	POLR1E	A/G	09p	A	0.207207207	0.220183486	0.735404
rs2105960		G/T	06p	G	0.436363636	0.418918919	0.735587
rs10500424	LOC729155, LOC729159	C/G	16q	C	0.160714286	0.148648649	0.735752
rs12649293	KLHL8	C/T	04q	T	0.209821429	0.223214286	0.735871
rs10765565	FAT3	G/T	11q	T	0.40625	0.389908257	0.735982
rs10412452		A/G	19q	A	0.183035714	0.169642857	0.736034
rs4514018		C/T	08q	C	0.351351351	0.337837838	0.736377
rs1178027	PTPRA	C/T	20p	T	0.089285714	0.098214286	0.736606
rs3762568	FASTKD2	A/G	02q	A	0.068807339	0.076923077	0.736608
rs2271001	ZDHHC13	A/G	11p	A	0.303571429	0.316964286	0.736871
rs2161468	COL5A3	C/G	19p	C	0.427272727	0.412844037	0.736976
rs9989177	C14orf104	C/T	14q	T	0.454545455	0.46875	0.737341
rs957794	LOC728076, LOC732309	C/G	21q	G	0.112612613	0.102678571	0.737481
rs10513680	SAMD7	C/G	03q	C	0.126126126	0.116071429	0.737645
rs928661	KIAA0774	G/T	13q	T	0.072072072	0.080357143	0.737681
rs3734114	ATG10	C/T	05q	C	0.165178571	0.154545454	0.737907
rs909545	TTLL2	A/G	06q	A	0.26	0.245098039	0.738051

rs10992251		A/T	09q	A	0.207207207	0.220720721	0.738116
rs2304935	MS4A6E	C/T	11q	C	0.321428571	0.308035714	0.738279
rs2291182	C4orf35	G/T	04q	G	0.084821429	0.09375	0.738371
rs11923054	FLJ23049	C/T	03q	C	0.441964286	0.428571429	0.738664
rs3174040		A/G	08p	G	0.200892857	0.189189189	0.738688
rs2270812	THG1L	A/G	05q	A	0.330357143	0.345454545	0.73869
rs7127111		C/T	11p	C	0.316964286	0.330357143	0.738777
rs2282316	OR6F1	C/T	01q	C	0.234234234	0.247706422	0.739111
rs7217454	LOC728073	C/G	17q	C	0.075892857	0.085585586	0.739189
rs1014866	FAT4	A/G	04q	A	0.241071429	0.25462963	0.739247
rs1609746	C10orf112	A/C	10p	C	0.415178571	0.428571429	0.739273
rs862709	ZNF304	A/G	19q	A	0.051020408	0.045	0.739366
rs7571	PARP4	C/G	13q	C	0.344339623	0.359813084	0.739586
rs4370153	TMEM155	A/G	04q	G	0.15625	0.168181818	0.739689
rs9317445		C/T	13q	T	0.148648649	0.162162162	0.739902
rs1051858	ARID4A	A/G	14q	G	0.324324324	0.339285714	0.739966
rs4072568	ARNT2	A/G	15q	A	0.200892857	0.1875	0.740218
rs11070136	DZIP1	A/G	13q	A	0.3125	0.328828829	0.740256
rs4388990	OR6C74	A/G	12q	G	0.301801802	0.318181818	0.740575
rs1150752	TNXB	A/G	06p	G	0.09009009	0.099099099	0.74061
rs608052	C8orf79	C/T	08p	T	0.218446602	0.207920792	0.740712
rs2195980		C/T	19q	C	0.133928571	0.125	0.740835
rs7180051		C/T	15q	T	0.09375	0.102678571	0.74099
rs2275687	HEATR1	C/T	01q	T	0.34375	0.355855856	0.741029
rs1045861	CHORDC1	A/C	11q	C	0.292792793	0.308035714	0.741345
rs7131283	NYD-SP21	A/T	11q	A	0.290178571	0.274774775	0.741517
rs4704561		G/T	05q	T	0.154205608	0.166666667	0.742096
rs10777084	C12orf50	C/T	12q	C	0.107142857	0.116071429	0.742103
rs2230593	MST1R	A/G	03p	A	0.080357143	0.072072072	0.742195
rs2070074	GALT	A/G	09p	G	0.089285714	0.098214286	0.742377
rs6092	SERPINE1	A/G	07q	A	0.080357143	0.072072072	0.742634
rs3743601		C/G	16q	C	0.074766355	0.085714286	0.742855
rs4333801	MYOM3	C/T	01p	C	0.424107143	0.40625	0.743352
rs7928451	OR10A6	A/G	11p	A	0.439814815	0.425925926	0.743421
rs7001839		C/T	08p	T	0.08490566	0.093457944	0.743515
rs3822485		A/C	05q	C	0.392523365	0.407407407	0.743522
rs477830	LUZP1	C/T	01p	C	0.15625	0.169642857	0.743604

rs2074647	RGS6	C/T	14q	T	0.085585586	0.094594595	0.743722
rs3811047	IL1F7	A/G	02q	A	0.328828829	0.315315315	0.744006
rs922984	TTN	C/T	02q	T	0.081081081	0.073394495	0.744698
rs11155687		A/G	06q	A	0.386363636	0.370535714	0.744699
rs544864	DTX4, MPEG1, LOC730916	A/G	11q	A	0.31981982	0.304761905	0.745025
rs12537344	ZNF735, LOC730291	C/T	07q	C	0.375	0.36036036	0.745461
rs211716	LOC646425	A/G	01p	G	0.410714286	0.397321429	0.745461
rs279205	ZNF69	A/G	19p	G	0.28125	0.268181818	0.745924
rs9910051	ATAD5	A/T	17q	T	0.125	0.116071429	0.745933
rs10009368	LOC132430	C/T	04q	T	0.276785714	0.290178571	0.745954
rs6035037	C20orf12	C/T	20p	T	0.325892857	0.3125	0.746093
rs815957	ECOP, LOC653930	A/G	07p	A	0.285714286	0.272321429	0.74651
rs1783147	PKHD1L1	C/G	08q	C	0.357142857	0.370535714	0.746619
rs1128400	MECR	C/T	01p	T	0.116071429	0.126126126	0.747009
rs1624087		A/G	19q	G	0.463963964	0.481818182	0.747171
rs7213894	DNAH2	C/T	17p	C	0.378378378	0.392857143	0.747278
rs6786975		A/G	03q	G	0.463963964	0.445945946	0.747748
rs12445306		A/G	16q	G	0.087628866	0.095505618	0.747783
rs6597801	LHPP	A/G	10q	A	0.102678571	0.112612613	0.747918
rs4654500	LOC644357, LOC730715	C/T	01p	T	0.125	0.116071429	0.748011
rs12461754	DDX39	A/G	19p	A	0.107142857	0.098214286	0.748078
rs6904029	HCG9	A/G	06p	A	0.321428571	0.306306306	0.748174
rs2985441	LOC730144	A/G	01q	G	0.129464286	0.140909091	0.748225
rs1909262		C/T	11p	T	0.373873874	0.36036036	0.748277
rs10849482	NCAPD2	A/G	12p	A	0.180555556	0.193693694	0.748316
rs10838093	OR51Q1	C/T	11p	C	0.378378378	0.392857143	0.74836
rs1801239	CUBN	A/G	10p	G	0.075892857	0.084821429	0.748379
rs2729835	LACTB	C/T	15q	C	0.357798165	0.344036697	0.748393
rs4757986	OR52E4	G/T	11p	G	0.241071429	0.252252252	0.74861
rs2305830	CEP164	C/G	11q	G	0.306306306	0.318181818	0.748767
rs3739989	SGMS1	A/G	10q	G	0.222727273	0.209821429	0.748957
rs7591849	WDSUB1	G/T	02q	G	0.410714286	0.396396396	0.74909
rs7425888	LOC651758, LOC728768	A/G	02q	A	0.125	0.135135135	0.749109
rs11196400	NRAP	C/T	10q	T	0.138392857	0.147321429	0.749169
rs3737374	KIAA1012	A/G	18q	G	0.333333333	0.35	0.749269
rs4149963	EXO1	C/T	01q	T	0.072072072	0.080357143	0.749675

rs6684252		C/G	01p	G	0.267857143	0.256756757	0.749967
rs3130257	WDR46, PFDN6	C/T	06p	T	0.111607143	0.103603604	0.750065
rs378098	C20orf185	C/T	20q	T	0.160714286	0.148648649	0.750127
rs3829078	CA9	A/G	09p	G	0.108108108	0.098214286	0.750362
rs5023688	CD109	A/G	06q	A	0.388392857	0.375	0.750617
rs2462961	KRT24	C/T	17q	C	0.4375	0.450892857	0.750641
rs8181512	OR52N2	A/G	11p	A	0.455357143	0.440909091	0.751075
rs10805890	HEXB	A/G	05q	G	0.225490196	0.212765957	0.751108
rs2253680	FASTKD1	C/T	02q	T	0.401785714	0.415178571	0.751112
rs1445898	CAPSL	A/G	05p	A	0.436936937	0.450892857	0.751155
rs714106	CEACAM21	A/C	19q	C	0.223214286	0.234234234	0.751333
rs6897932	IL7R	C/T	05p	T	0.25	0.263636364	0.751391
rs11760975		C/G	07q	G	0.321428571	0.308035714	0.751433
rs1899	NDUFAF1	A/G	15q	A	0.272321429	0.258928571	0.751566
rs1443253		C/G	15q	G	0.357142857	0.370535714	0.751677
rs4696354	TIGD4	C/T	04q	T	0.357142857	0.370535714	0.752067
rs2837225	IGSF5	A/C	21q	A	0.316964286	0.301801802	0.752172
rs8147	DNAJB11	A/G	03q	G	0.209090909	0.196428571	0.752217
rs7526812	SGIP1	A/G	01p	G	0.166666667	0.15625	0.752429
rs31208	FAM71B	A/G	05q	G	0.117117117	0.127272727	0.752481
rs7645550	KCNMB3	C/T	03q	T	0.40625	0.419642857	0.75267
rs241447	TAP2	A/G	06p	G	0.325892857	0.3125	0.752686
rs1227049	CDH23	C/G	10q	C	0.153153153	0.165178571	0.752735
rs10467770	CHD8	C/T	14q	T	0.254464286	0.267857143	0.752772
rs6509138	ZNF223	A/C	19q	C	0.333333333	0.321100917	0.752866
rs12672543		A/C	07q	A	0.147619048	0.138095238	0.75356
rs2306916	SYNE1	A/T	06q	A	0.263392857	0.25	0.753614
rs2159983		G/T	19p	G	0.142857143	0.151785714	0.753884
rs2457828	L1TD1	G/T	01p	G	0.186363636	0.198198198	0.753945
rs2418163	KIAA0368	C/T	09q	C	0.5	0.486607143	0.754072
rs688906	DYNC2H1	C/T	11q	T	0.276785714	0.290178571	0.754227
rs1626370	PKP1	A/G	01q	A	0.232142857	0.21875	0.75423
rs3731824	ST3GAL5	A/G	02p	G	0.199074074	0.210280374	0.754399
rs3828161	SKIP	A/G	02q	G	0.144144144	0.135135135	0.75454
rs6670599	EPHA10	C/T	01p	T	0.082568807	0.074074074	0.754608
rs11243011	FARS2	A/G	06p	G	0.198198198	0.1875	0.754907
rs10947690	MDGA1	A/G	06p	G	0.316326531	0.301980198	0.755145

rs1998206	ROS1	A/C	06q	C	0.148148148	0.13592233	0.755282
rs1429505	OR11K1P	A/C	15q	A	0.263888889	0.280373832	0.755298
rs4571699		A/G	08q	A	0.125	0.135135135	0.755667
rs1063499	C7	C/G	05p	C	0.433035714	0.419642857	0.755797
rs4785763		A/C	16q	A	0.297297297	0.3125	0.75583
rs8015313	C14orf178	C/T	14q	T	0.236607143	0.223214286	0.755848
rs3750010	FLJ10324, PAPOLB	A/G	07p	G	0.129464286	0.138392857	0.756006
rs2853699	CCR8	C/G	03p	C	0.288288288	0.3	0.756064
rs1885137	SERPINA11	G/T	14q	G	0.392857143	0.379464286	0.75617
rs1898882	DISP2	C/G	15q	G	0.441441441	0.427927928	0.75626
rs3736946	ACSL5	C/T	10q	C	0.107142857	0.116071429	0.756311
rs10247620	CCDC129	A/G	07p	G	0.21875	0.232142857	0.756521
rs7945342		C/T	11p	C	0.326732673	0.311827957	0.756628
rs1805107	CDX2	C/T	13q	C	0.1875	0.175675676	0.756787
rs2276922	DKFZP564J102	A/G	04q	A	0.236607143	0.25	0.756905
rs3213832	PZP	C/T	12p	T	0.089285714	0.080357143	0.756946
rs3129941	C6orf10	A/G	06p	A	0.196428571	0.209090909	0.757085
rs12407003		A/G	01p	A	0.094594595	0.102678571	0.757207
rs10989591	GRIN3A	C/T	09q	T	0.3125	0.324324324	0.757376
rs8034911		A/T	15q	A	0.316964286	0.331818182	0.757447
rs1176744	HTR3B	G/T	11q	G	0.369369369	0.357142857	0.757621
rs2366928	GPR98	A/G	05q	G	0.321428571	0.308035714	0.757641
rs7305599	SLC4A8	A/G	12q	A	0.482142857	0.468468468	0.757689
rs1052437		G/T	03q	G	0.324324324	0.339285714	0.758103
rs8046001		C/T	16p	T	0.400900901	0.388392857	0.758129
rs461645	EMR1	C/T	19p	T	0.214285714	0.202702703	0.758299
rs12462929	ZNF468, ZNF320	C/T	19q	C	0.125	0.135135135	0.758352
rs9503233	C6orf195	A/G	06p	A	0.202702703	0.214285714	0.758385
rs486557	FHAD1	C/T	01p	T	0.304545455	0.288990826	0.758761
rs2722722	ZNF228	A/G	19q	A	0.366071429	0.379464286	0.758831
rs2722723	ZNF228	C/G	19q	C	0.366071429	0.379464286	0.758831
rs2805910	SRGN	A/G	10q	G	0.184684685	0.172727273	0.758955
rs25754	ADAMTS12	A/G	05p	A	0.404545454	0.419642857	0.759235
rs12587697		A/G	14q	A	0.25	0.263392857	0.759261
rs2291256	GOLGA3	A/G	12q	A	0.072072072	0.080357143	0.759347
rs7549215		A/G	01q	A	0.463963964	0.477678571	0.759509
rs423932	FRY	G/T	13q	T	0.324324324	0.336363636	0.759591

rs3920038	NID2	A/C	14q	C	0.163636364	0.154545455	0.760275
rs37984	GLCC11	A/G	07p	A	0.334862385	0.322727273	0.76048
rs3742945	TTC5	A/G	14q	A	0.241071429	0.227678571	0.760609
rs1144122	GPR128	A/G	03q	G	0.361607143	0.348214286	0.760666
rs3177168	MRPS35	A/G	12p	A	0.151785714	0.162162162	0.760795
rs1808834		G/T	03p	T	0.275229358	0.263392857	0.760857
rs1679709	NKAPL	C/T	06p	T	0.138392857	0.148648649	0.76086
rs7779099	LMOD2	C/T	07q	C	0.285714286	0.297297297	0.760938
rs2043112	RICTOR	C/T	05p	T	0.383928571	0.397321429	0.761528
rs2879897	FLJ45530	A/C	16q	A	0.375	0.388392857	0.761742
rs3742049	COQ5	C/T	12q	T	0.107142857	0.098214286	0.761976
rs4371677	HOPX	A/G	04q	A	0.473214286	0.459821429	0.762169
rs10401590		A/G	19q	G	0.285046729	0.297169811	0.762189
rs624110		G/T	11q	T	0.264150943	0.274509804	0.762196
rs2316499	LOC729765	A/G	01p	A	0.205	0.195	0.762509
rs4459610	ACE	A/T	17q	A	0.419642857	0.433035714	0.762881
rs1183768	SETX	C/T	09q	C	0.148648649	0.162037037	0.76292
rs3816539	DHDDS	A/G	01p	A	0.25	0.234693878	0.763011
rs3733415	FAT	A/G	04q	A	0.151785714	0.162162162	0.763034
rs42138		A/G	16p	A	0.204545454	0.218181818	0.763146
rs8109165	BIRC8	A/G	19q	G	0.495535714	0.482142857	0.763177
rs12642536	CCDC98	C/T	04q	T	0.401785714	0.387387387	0.763356
rs11680855	LOC728537	A/G	02q	G	0.394495413	0.377272727	0.763665
rs6867460		A/G	05q	A	0.125	0.116071429	0.763787
rs1201559	SLC22A10	A/G	11q	G	0.402061856	0.389534884	0.7638
rs867186	PROCR	A/G	20q	G	0.111607143	0.102678571	0.76414
rs1049674	ASNS	A/T	07q	T	0.297297297	0.285714286	0.764172
rs90951	CLEC10A	A/G	17p	G	0.321428571	0.334821429	0.764351
rs2261167	NSUN7	A/G	04p	A	0.09375	0.102678571	0.764368
rs11096955	TLR10	A/C	04p	C	0.368181818	0.354545455	0.764868
rs2736654	GLO1	A/C	06p	C	0.446428571	0.459821429	0.765283
rs357373		A/G	07q	G	0.256756757	0.243119266	0.76529
rs2151910	RAET1E	A/T	06q	T	0.241071429	0.254464286	0.765291
rs2193595	C14orf174	A/G	14q	G	0.464285714	0.477678571	0.765651
rs6940	IFI16	A/T	01q	T	0.125	0.133928571	0.765712
rs938609	ACAN	A/T	15q	T	0.328828829	0.344036697	0.765794
rs11908296	DDX27	G/T	20q	T	0.182795699	0.194117647	0.765892



rs4430553	HELB	C/T	12q	T	0.46875	0.481981982	0.765942
rs10819364		C/T	09q	T	0.174107143	0.163636364	0.766131
rs1549509	LOC340515	A/G	09q	G	0.464285714	0.477678571	0.766386
rs4569108		C/G	13q	G	0.339285714	0.352678571	0.766402
rs2789417	SLAMF9	A/C	01q	A	0.103603604	0.094594595	0.766516
rs10792156	OR10W1	C/T	11q	T	0.410714286	0.397321429	0.766598
rs2980618	NUDCD1	C/T	08q	C	0.379464286	0.366071429	0.766634
rs2289953	TBC1D8	C/T	02q	T	0.339285714	0.325892857	0.766979
rs758037	SH3RF2	C/T	05q	C	0.383928571	0.370535714	0.766998
rs663824	WDR65	A/G	01p	G	0.386363636	0.399038462	0.767079
rs3812909	SCAPER	A/T	15q	T	0.303571429	0.290178571	0.767236
rs2544773	RIOK2	C/G	05q	C	0.397321429	0.383928571	0.767252
rs9834457		C/T	03p	C	0.138392857	0.129464286	0.767334
rs2243191	IL19	C/T	01q	T	0.196428571	0.204545455	0.767514
rs1064204	SETBP1	A/C	18q	A	0.142857143	0.153153153	0.767611
rs3770655	ETAA1	A/G	02p	G	0.274774775	0.286363636	0.767642
rs8019270	TBPL2	C/G	14q	C	0.393939394	0.407216495	0.767723
rs11186425		A/C	10q	A	0.072072072	0.064220183	0.767836
rs9898	HRG	C/T	03q	T	0.325892857	0.339285714	0.767931
rs3737669	GPR157	C/T	01p	C	0.433035714	0.445945946	0.768245
rs3752135	SIGLEC12	A/C	19q	A	0.126126126	0.133928571	0.768482
rs7236891		A/G	18p	G	0.383928571	0.397321429	0.768539
rs3764609	HIF3A	A/G	19q	G	0.183035714	0.196428571	0.76869
rs8081382		A/T	17q	A	0.400900901	0.415178571	0.768927
rs7229278		G/T	18q	T	0.477477478	0.490990991	0.768965
rs2222648	ABCA13	A/G	07p	G	0.254464286	0.243243243	0.768983
rs3745082		A/C	18q	A	0.401785714	0.415178571	0.769023
rs7653977	LOC728394	A/T	04q	A	0.309523809	0.298076923	0.769172
rs2278161	CNDP2	A/G	18q	G	0.234234234	0.245535714	0.76931
rs2688500	LOC440993	A/C	03q	A	0.352678571	0.34375	0.769457
rs3134031	TMEM67	A/G	08q	A	0.388392857	0.375	0.769819
rs1031257		A/G	06q	G	0.310810811	0.299107143	0.770207
rs7106548	OTOG	C/T	11p	C	0.431192661	0.444954128	0.770207
rs2080164	KIAA1505, LOC641808	A/G	07q	A	0.424107143	0.436936937	0.77045
rs2306120	ACBD3	G/T	01q	T	0.388392857	0.375	0.770724
rs1334576	RREB1	C/T	06p	T	0.375	0.388392857	0.770859
rs216450		A/G	17q	A	0.441441441	0.455357143	0.770884

rs2301524	MIAT	C/T	22q	T	0.129464286	0.138392857	0.771251
rs2815413	CCDC18	A/C	01p	A	0.163636364	0.174528302	0.771256
rs11191274	GBF1	A/G	10q	A	0.120535714	0.129464286	0.771269
rs10837814	OR51B2	A/G	11p	G	0.414414414	0.427927928	0.77154
rs7300524		C/T	12q	T	0.410714286	0.397321429	0.771657
rs1736565		C/T	01q	T	0.491071429	0.495495496	0.771685
rs2788478	WDR60	A/G	07q	G	0.352678571	0.339285714	0.771945
rs2228213	HIVEP1	A/G	06p	A	0.373873874	0.361607143	0.772073
rs11854320	ZNF774	A/G	15q	A	0.112612613	0.122727273	0.772187
rs244903	RARS	A/G	05q	G	0.4375	0.450892857	0.772246
rs1079610	OPN4	C/T	10q	C	0.355855856	0.34375	0.772523
rs2273962	NCR2	A/G	06p	A	0.252252252	0.264150943	0.772583
rs2289643	KIAA0753	C/T	17p	C	0.459821429	0.445945946	0.772726
rs3180098		G/T	22q	G	0.334821429	0.321428571	0.772771
rs2572023	OR2AE1	C/T	07q	T	0.472727273	0.459821429	0.772979
rs7520509		C/G	01p	G	0.467592593	0.481481482	0.773033
rs665977	C1orf213	C/T	01p	C	0.085585586	0.076576577	0.773128
rs2288466	CDH9	A/G	05p	A	0.477678571	0.490990991	0.773815
rs866484	IFI16	C/G	01q	C	0.255	0.270833333	0.773894
rs3812577	SDCCAG3	C/T	09q	T	0.120535714	0.129464286	0.773972
rs3948464	SP110	C/T	02q	T	0.116071429	0.107142857	0.774043
rs762679	MCM4	A/T	08q	A	0.125	0.116071429	0.774607
rs2348049	AGBL3	A/T	07q	A	0.301801802	0.288288288	0.774616
rs2291483	H1FNT	A/G	12q	A	0.200892857	0.211711712	0.77499
rs10416265	GPATCH1	A/G	19q	G	0.27027027	0.258928571	0.775242
rs1550656		A/G	17p	G	0.147321429	0.157657658	0.775507
rs6003	F13B	A/G	01q	G	0.117117117	0.108108108	0.775535
rs6537579		A/G	10q	A	0.099099099	0.108108108	0.775568
rs11574595		A/G	19q	G	0.308035714	0.299107143	0.775741
rs2642438	MOSC1	A/G	01q	A	0.300925926	0.288461538	0.775772
rs7800072	SEMA3D	G/T	07q	G	0.303571429	0.316513761	0.77636
rs7439869	SMARCAD1	C/T	04q	T	0.405940594	0.393939394	0.776653
rs869379		C/G	01q	G	0.28125	0.27027027	0.776662
rs3821348	ANKMY1	A/C	02q	A	0.151785714	0.160714286	0.776818
rs1468542	SACM1L	A/T	03p	T	0.330357143	0.316964286	0.776901
rs220379	ZNF263	C/G	16p	C	0.229357798	0.240384615	0.77707
rs2275060	KIAA1274	C/T	10q	T	0.15625	0.165178571	0.777101

rs7483027		C/T	11q	C	0.378378378	0.366071429	0.777443
rs7315731	SFRS2IP	A/T	12q	T	0.464285714	0.450892857	0.777778
rs3741659	CALCOCO1	A/G	12q	A	0.151785714	0.163636364	0.777846
rs3804010	KRTAP13-2	C/G	21q	C	0.111607143	0.118181818	0.777976
rs11854484	SLC28A2	C/T	15q	C	0.40625	0.418918919	0.777999
rs6135876	OTOR	C/T	20p	C	0.193693694	0.183035714	0.77833
rs10502001	MMP7	C/T	11q	T	0.209821429	0.220720721	0.778499
rs1052439		C/T	03q	C	0.325892857	0.339285714	0.77855
rs7309557	LOC728148, LOC730662	C/T	12q	T	0.09375	0.102678571	0.778669
rs9289122	C3orf30	C/G	03q	G	0.455357143	0.441441441	0.778762
rs3758741	CSTF3	A/G	11p	A	0.423423423	0.40990991	0.778818
rs2640785	EXPH5	A/T	11q	A	0.148648649	0.13963964	0.779207
rs1227065	CDH23	C/T	10q	T	0.142857143	0.153153153	0.779277
rs2653907		A/G	01p	A	0.18018018	0.169642857	0.779335
rs161704	IL31RA	C/T	05q	T	0.292792793	0.302752294	0.779809
rs648802	PERP	C/G	06q	G	0.45631068	0.475728155	0.779932
rs874881	PADI4	C/G	01p	G	0.464285714	0.47706422	0.7801
rs3749117	PLA2R1	C/T	02q	C	0.459459459	0.472972973	0.780311
rs8032931	FMN1	A/G	15q	G	0.414414414	0.401785714	0.78035
rs2053380	FLJ14712	C/T	07p	C	0.308035714	0.294642857	0.780423
rs2280851		A/G	08q	A	0.276785714	0.267857143	0.780494
rs6870166	PDZD2	C/T	05p	T	0.36036036	0.348214286	0.780514
rs2306536	CHFR	C/T	12q	T	0.184684685	0.175925926	0.780553
rs8059048	FAM38A, LOC348180	A/G	16q	G	0.174107143	0.165178571	0.780932
rs4539094		C/T	01q	C	0.423423423	0.4375	0.781078
rs6788438		C/T	03q	T	0.477678571	0.464285714	0.781124
rs2178004	MGA	A/T	15q	A	0.203703704	0.191964286	0.781254
rs3898634	OR4C45	G/T	11p	T	0.441964286	0.455357143	0.781393
rs1051338	LIPA	A/C	10q	C	0.295454546	0.309090909	0.781483
rs2296436	HPS1	A/G	10q	G	0.116071429	0.107142857	0.781563
rs9262	C12orf29	C/G	12q	C	0.378378378	0.390909091	0.781868
rs2292927	COL22A1	C/T	08q	T	0.178571429	0.1875	0.781928
rs27230	ZNF434	A/G	16p	G	0.165178571	0.174107143	0.781933
rs6925344	COQ3	C/T	06q	T	0.165137615	0.174107143	0.782054
rs6835769	FRAS1	C/T	04q	T	0.486486487	0.472727273	0.782574
rs1041935	LGALS8	C/T	01q	C	0.35	0.361111111	0.782667
rs227653	CST7	A/G	20p	A	0.142857143	0.133928571	0.782936

rs11879465	ZNF211	C/T	19q	T	0.13963964	0.130630631	0.783088
rs4253325	KLKB1	A/G	04q	A	0.125	0.116071429	0.783117
rs7735338	SDCCAG10	C/G	05q	G	0.3125	0.325892857	0.783225
rs12453319	LOC728073	C/T	17q	T	0.370535714	0.357142857	0.783257
rs2076305	MCFD2L	G/T	06p	T	0.303571429	0.315315315	0.783292
rs1801282	PPARG	C/G	03p	G	0.114678899	0.103603604	0.783644
	C6orf100, DASS-381E5.1,						
rs2071790	LOC730405	C/T	06p	C	0.5	0.486607143	0.783646
rs132642	APOL3	A/T	22q	A	0.147321429	0.138392857	0.783968
rs3095726	ZNF573	C/T	19q	T	0.208333333	0.195876289	0.783994
rs10421632	ZNF805	A/G	19q	G	0.46875	0.455357143	0.784072
rs871990	ZBTB4	C/G	17p	G	0.121621622	0.129464286	0.784072
rs3743098		C/T	15q	T	0.348214286	0.359090909	0.784174
rs6475273	C9orf138	A/G	09p	G	0.225225225	0.213636364	0.7844
rs3756987	RSPH3	A/G	06q	A	0.117117117	0.109090909	0.78467
rs7107050	ALKBH3	A/G	11p	G	0.254464286	0.243243243	0.784695
rs1046404	NT5C3L	C/G	17q	C	0.252252252	0.241071429	0.784716
rs2013503	LOC392221	A/G	08q	G	0.345454546	0.331818182	0.784831
rs2236293	C9orf127	A/G	09p	A	0.424107143	0.410714286	0.784992
rs10180866	LOC391370, LOC651894	C/T	02p	C	0.428571429	0.415178571	0.785001
rs607230	LAMA1	C/T	18p	T	0.267857143	0.279279279	0.785021
rs8097425	SERPINB10	A/G	18q	G	0.21875	0.209821429	0.785283
rs2233974	C6orf15	C/G	06p	C	0.169642857	0.18018018	0.785351
rs623053	MOCOS	C/T	18q	C	0.059090909	0.064220183	0.7854
rs7148834		A/G	14q	G	0.4375	0.450892857	0.785422
rs11574633	ITGAX	C/T	16p	C	0.133928571	0.142857143	0.78552
rs10913157	BAT2D1	A/G	01q	A	0.126126126	0.137614679	0.785695
rs4483821	ADAMTSL3	A/G	15q	G	0.472972973	0.486238532	0.785831
rs2014596		C/T	13q	T	0.348214286	0.361607143	0.785951
rs2304934	MS4A6E	C/T	11q	C	0.321428571	0.310810811	0.786019
rs7933807	OR10A6	A/C	11p	C	0.4375	0.424107143	0.786109
rs6954345		C/G	07q	C	0.232142857	0.243243243	0.786131
rs3753494	AGL	C/T	01p	T	0.133928571	0.126126126	0.786192
rs1060575	TCTEX1D1	A/T	01p	T	0.116071429	0.125	0.786234
rs7097295	AKR1CL1	C/T	10p	T	0.342857143	0.328431373	0.786339
rs3811188	MRPL52	A/C	14q	C	0.495535714	0.491071429	0.786354
rs2183573	BRWD1	A/G	21q	A	0.422727273	0.410714286	0.786358

rs9828	CHMP7	A/G	08p	G	0.49537037	0.485714286	0.786385
rs2294840		C/T	06q	C	0.138392857	0.147321429	0.786673
rs7746261	SSR1	A/G	06p	G	0.292929293	0.300970874	0.786682
rs7250630	ZNF137	A/G	19q	G	0.216216216	0.205357143	0.786703
rs9438	DHX36	C/G	03q	C	0.415178571	0.400900901	0.78675
rs11763159		A/G	07p	A	0.495495496	0.491071429	0.786789
rs525409	SPATA21	C/G	01p	G	0.256756757	0.245535714	0.786801
rs2269961	SEC14L3	C/T	22q	T	0.203703704	0.214953271	0.78688
rs6433818	KIAA1604	A/T	02q	A	0.133928571	0.142857143	0.787076
rs734784	KCNS1	A/G	20q	G	0.468468469	0.454954955	0.787106
rs2241621	STON2	A/C	14q	A	0.415178571	0.427272727	0.787134
rs3828740		C/T	06q	C	0.410714286	0.423423423	0.787715
rs12185268	IMP5	A/G	17q	G	0.192660551	0.202702703	0.787868
rs947785		G/T	11q	T	0.40990991	0.397321429	0.788003
rs3825491	MYO16	C/G	13q	C	0.363636364	0.353773585	0.788211
rs2516542	MGC16703	C/T	22q	T	0.120535714	0.129464286	0.788277
rs1966357	OR10H3	A/C	19p	A	0.254464286	0.265765766	0.788554
rs2239730	ZNF215	C/G	11p	G	0.200892857	0.209821429	0.789166
rs1065457	CD1E	A/G	01q	G	0.351351351	0.339285714	0.789652
rs2304071		A/G	05q	A	0.45045045	0.464285714	0.789838
rs3825020	NYD-SP21	C/T	11q	C	0.36036036	0.370535714	0.790421
rs8057071		C/T	16p	T	0.285714286	0.297297297	0.790471
rs11049488	CCDC91	A/G	12p	A	0.290178571	0.303571429	0.790575
rs6503870	TEX14	C/T	17q	C	0.34375	0.357142857	0.790644
rs11211328	MOBKL2C	C/T	01p	T	0.272321429	0.263392857	0.790854
rs11077108	A2BP1	A/G	16p	G	0.238738739	0.227678571	0.790936
rs860170	TAS2R16	A/G	07q	G	0.328828829	0.339285714	0.791125
rs10199975		C/T	02p	T	0.440909091	0.427927928	0.791701
rs7307991	A2ML1	A/G	12p	G	0.355855856	0.34375	0.791779
rs2078266	KIAA0649	C/T	09q	T	0.174107143	0.165137615	0.791821
rs2824495	C21orf91	C/G	21q	C	0.195454545	0.205607477	0.792085
rs929843	PDXDC2	G/T	16q	T	0.209821429	0.21875	0.792291
rs4762	AGT	C/T	01q	T	0.115740741	0.122727273	0.792367
rs6591700	OR5D16	A/G	11q	A	0.129464286	0.122727273	0.792573
rs684535	CDON	A/T	11q	A	0.292792793	0.28125	0.79305
rs10178458	COL4A3	C/T	02q	T	0.171171171	0.160714286	0.793067
rs1144507	ZNF202	A/G	11q	A	0.281818182	0.27027027	0.79331

rs8192341		A/C	08p	A	0.252252252	0.263392857	0.793364
rs4740412	LAMC3	A/G	09q	A	0.288288288	0.276785714	0.793507
rs344140	SHROOM3	C/G	04q	G	0.225225225	0.236607143	0.793676
rs1050152	SLC22A4	C/T	05q	T	0.410714286	0.397321429	0.793721
rs941590	SERPINA10	A/G	14q	G	0.454954955	0.463302752	0.793845
rs1061622	TNFRSF1B	G/T	01p	G	0.247747748	0.258928571	0.793939
rs10815215	C9orf46	A/G	09p	A	0.3	0.288288288	0.794016
rs4715227	PKHD1	C/T	06p	T	0.486607143	0.473214286	0.794441
rs11040799	OR52W1	A/T	11p	T	0.274774775	0.285714286	0.794715
rs1667366		C/T	19q	T	0.477678571	0.490990991	0.794784
rs743582	PML, LOC652671	C/G	15q	C	0.133928571	0.126126126	0.794898
rs2994400		C/T	14q	T	0.352678571	0.366071429	0.795221
rs3204853	NDUFAF1	G/T	15q	T	0.267857143	0.256756757	0.795366
rs2296356	RP11-145H9.1	A/G	06p	A	0.121621622	0.129464286	0.795397
rs2298831	AMICA1	C/T	11q	C	0.129464286	0.138392857	0.7954
rs303997	NLRP13	C/T	19q	T	0.419642857	0.40990991	0.795405
rs1052618	TMEM22	A/G	03q	A	0.309090909	0.321428571	0.795773
rs373533	EMR1	G/T	19p	T	0.214285714	0.204545455	0.796138
rs2232328	G6PC2	C/G	02q	G	0.120535714	0.111607143	0.796193
rs1293205	CDC5L	A/T	06p	A	0.151785714	0.142857143	0.796275
rs11903403	CPO	G/T	02q	G	0.477678571	0.490990991	0.796493
rs917361	MYH4	C/T	17p	C	0.440909091	0.454545454	0.796955
rs8072110	FLJ22222, HEXDC	G/T	17q	T	0.096330275	0.103603604	0.797073
rs12453124	KRT27	C/T	17q	T	0.151785714	0.142857143	0.79717
rs745961	CCDC123	C/T	19q	C	0.321100917	0.33490566	0.797347
rs2012199	FCRL5	C/T	01q	C	0.130630631	0.121621622	0.797517
rs7206333		A/G	16q	A	0.320754717	0.306930693	0.797593
rs10445337	MAPT	C/T	17q	C	0.191964286	0.200892857	0.797922
rs4807	PDIA6	A/G	02p	G	0.314285714	0.301980198	0.797955
rs745960	CCDC123	A/T	19q	T	0.330357143	0.34375	0.797974
rs4237360		C/T	10p	C	0.245535714	0.254464286	0.797978
rs1127066	RBM23	C/G	14q	G	0.299107143	0.310810811	0.798012
rs11044004	PIK3C2G	C/T	12p	T	0.419642857	0.433035714	0.798018
rs3754689	LCT	A/G	02q	A	0.205357143	0.216216216	0.798023
rs2822787		C/T	21q	T	0.178571429	0.169642857	0.798286
rs6707475	TTC31, CCDC142	C/T	02p	T	0.129464286	0.121621622	0.798382
rs4926833		A/G	01p	G	0.339285714	0.325892857	0.798655

rs6779094	HHLA2	A/C	03q	A	0.245454545	0.236607143	0.79866
rs2488411	DENND1B	C/T	01q	C	0.169642857	0.178571429	0.798666
rs3765101	PITRM1	C/G	10p	G	0.063063063	0.058035714	0.798989
rs3753565	TPR	A/G	01q	A	0.142857143	0.151785714	0.799026
rs2884554	ZNF714	A/G	19p	A	0.120535714	0.129464286	0.799263
rs10742256		C/T	11p	C	0.391891892	0.379464286	0.799769
rs1814819		C/T	06p	T	0.165178571	0.15625	0.799926
rs2412541	CASC5	G/T	15q	G	0.160714286	0.169642857	0.800049
rs1704369	PLA2G4E	C/T	15q	T	0.375	0.387387387	0.800159
rs3763244	LOC728360	C/G	06q	G	0.466019418	0.480392157	0.800389
rs1055207		A/G	09q	A	0.387387387	0.379464286	0.800554
rs240780	ASCC3	C/G	06q	G	0.415178571	0.428571429	0.80083
rs2077181	PRUNE2	C/G	09q	G	0.147321429	0.15625	0.801123
rs775882	NLRP7	C/T	19q	T	0.209821429	0.21875	0.801229
rs3747532	CER1	C/G	09p	C	0.261261261	0.27027027	0.80133
rs2269700		C/T	09q	C	0.418181818	0.40625	0.801335
rs814628	LIPF	A/G	10q	G	0.169642857	0.178571429	0.801629
rs665278	ALG8	A/G	11q	G	0.263392857	0.254464286	0.801886
rs1895245	NMUR2	G/T	05q	T	0.183035714	0.192660551	0.802211
rs2273866	PHYHD1	A/G	09q	G	0.414414414	0.422727273	0.80227
rs724558	SERPINB10	C/T	18q	C	0.195238095	0.185185185	0.802333
rs3734313	IMPG1	A/G	06q	A	0.183035714	0.191964286	0.80261
rs3744093	RNF43	A/G	17q	G	0.35	0.340909091	0.802699
rs3738372	CAPN2	G/T	01q	G	0.258928571	0.25	0.802808
rs7762550	FLJ43763	G/T	06p	T	0.15625	0.165178571	0.802896
rs9318600	PARP4	A/T	13q	T	0.13963964	0.133928571	0.803401
rs1042445	HRG	C/T	03q	T	0.252252252	0.26146789	0.80383
rs9668475	FAM90A1	G/T	12p	G	0.233944954	0.243243243	0.803972
rs365605	SLC22A18, SLC22A18AS	C/T	11p	C	0.355855856	0.37037037	0.804222
rs2072123	DGCR2	C/T	22q	C	0.373873874	0.383928571	0.804224
rs2500018	OR52J3	A/T	11p	T	0.46875	0.459821429	0.804508
rs2929366	EFHB	C/T	03p	C	0.392857143	0.379464286	0.804948
rs7282201	C21orf67	A/G	21q	A	0.18018018	0.1875	0.80534
rs4832242	POLR1A	C/G	02p	G	0.105504587	0.113636364	0.805768
rs2072036	TNN	A/G	01q	A	0.120535714	0.112612613	0.806084
rs2217504		A/G	09p	A	0.321428571	0.333333333	0.806158
rs1062923	GEMIN4	C/T	17p	C	0.191964286	0.183035714	0.806188

rs740539	LOC641942, LOC645183, LOC649525	C/T	07q	T	0.495495495	0.490909091	0.806262
rs11205303	MTMR11	C/T	01q	C	0.383928571	0.375	0.806487
rs7590653	TMEM16G	A/G	02q	A	0.245535714	0.236607143	0.806544
rs742711	CHGB	C/T	20p	T	0.225225225	0.236607143	0.806717
rs224534	TRPV1	A/G	17p	A	0.352678571	0.364864865	0.806753
rs6581025	OR6C74	A/G	12q	A	0.299107143	0.310810811	0.807177
rs10789501	CYP4A11, CYP4A22	C/T	01p	C	0.357142857	0.344036697	0.807196
rs11569409		C/G	19p	G	0.21875	0.227678571	0.807218
rs10798885		G/T	01p	G	0.388392857	0.400900901	0.807552
rs1565040		A/G	11p	A	0.120535714	0.113636364	0.807639
rs8176746	ABO	A/C	09q	A	0.0625	0.067567568	0.807754
rs1512025		A/G	12q	A	0.214285714	0.223214286	0.807895
rs421128	BDP1	C/T	05q	T	0.342857143	0.331730769	0.807979
rs9841174	SERPINI2	C/T	03q	C	0.339285714	0.330357143	0.808285
rs1852450	LOC729025	G/T	12p	T	0.423469388	0.433673469	0.808519
rs2290472	MATN2	C/T	08q	T	0.232142857	0.223214286	0.80882
rs3812178	CDYL	A/G	06p	G	0.200892857	0.211009174	0.809165
rs125555	MBD1	C/G	18q	G	0.205357143	0.214285714	0.80919
rs4796808	LOC284120	G/T	17q	G	0.3125	0.303571429	0.809447
rs2274064	NCF2	C/T	01q	C	0.455357143	0.446428571	0.809623
rs2240234	KIAA1086	C/T	19p	T	0.1875	0.196428571	0.809669
rs6682716	TTC24	A/G	01q	A	0.241071429	0.25	0.809982
rs2296067	JMJD2C	A/G	09p	A	0.232142857	0.220720721	0.810003
rs1833352		C/T	02p	C	0.410714286	0.397321429	0.810229
rs9536314	KL	G/T	13q	G	0.160714286	0.151785714	0.810323
rs3809643	PRDM7	A/C	16q	C	0.160714286	0.151785714	0.810345
rs2275254	CHIA	C/T	01p	T	0.445454546	0.433035714	0.810357
rs9607485	LOC649179	C/T	22q	T	0.065420561	0.072815534	0.81039
rs3761967	BDP1	A/G	05q	G	0.490291262	0.5	0.810851
rs780668	SLC29A3	A/G	10q	G	0.245454546	0.25462963	0.810951
rs2500017	OR52J3	A/G	11p	A	0.468181818	0.459821429	0.811508
rs259028	ZFYVE16	C/T	05q	T	0.071428571	0.075892857	0.811666
rs249038	ZFYVE16	A/G	05q	A	0.071428571	0.075892857	0.811666
rs2297792	UBQLN4	A/G	01q	A	0.415178571	0.404545454	0.811717
rs2062988	DHTKD1	C/G	10p	C	0.202702703	0.193693694	0.811756
rs10455097	CD109	A/C	06q	A	0.472972973	0.481981982	0.812293



rs3085	CR1L	C/T	01q	C	0.103603604	0.111607143	0.81236
rs38440		A/G	07p	G	0.190909091	0.200892857	0.812431
rs1058180	HIBCH	A/G	02q	A	0.223214286	0.214285714	0.812481
rs5744751	POLE	C/T	12q	T	0.094594595	0.100917431	0.812591
rs3755321		A/G	02q	G	0.055555556	0.050458716	0.813081
rs2093066	C20orf185	C/T	20q	T	0.160714286	0.151785714	0.813369
rs3760299	ZNF286A	A/G	17p	G	0.348214286	0.357142857	0.81347
rs1034489	EPB41L5	C/T	02q	C	0.297297297	0.308035714	0.813543
rs7520453		C/G	01q	C	0.103603604	0.109090909	0.813557
rs874889	KRT24	G/T	17q	T	0.423423423	0.433035714	0.81369
rs10773946	ERC1	C/G	12p	C	0.205357143	0.214285714	0.813737
rs2986014	PDCD11	C/T	10q	T	0.379807692	0.390909091	0.813812
rs7206698	LOC400499	C/G	16p	C	0.486486486	0.476851852	0.813815
rs4902176	KCNH5	C/T	14q	T	0.366071429	0.354545455	0.814024
rs9309445		G/T	02p	G	0.077981651	0.071428571	0.814177
rs7323	MTIF3	C/G	13q	C	0.267857143	0.259090909	0.814293
rs10030475	CSN1S1	C/T	04q	T	0.410714286	0.422727273	0.814339
rs11136343	PARP10	C/T	08q	C	0.352678571	0.366071429	0.814343
rs8025521	OR11K1P	A/T	15q	A	0.258928571	0.268181818	0.814534
rs9549431		A/G	13q	A	0.445945946	0.454545454	0.814876
rs1800437	GIPR	C/G	19q	C	0.21875	0.227678571	0.814886
rs9675365	ANKRD30B	C/G	18p	C	0.486486486	0.473214286	0.814925
rs3739070	TRAF3IP1	A/C	02q	C	0.08	0.074257426	0.815006
rs4659366		A/G	01p	G	0.373873874	0.361607143	0.815186
rs11681642	ATP6V1B1	C/T	02p	C	0.424107143	0.415178571	0.815306
rs9690688	LAMB4	A/C	07q	A	0.053571429	0.049107143	0.815463
rs10043	CHCHD2	G/T	07p	T	0.213636364	0.205357143	0.815654
rs3743598	ADAT1	A/C	16q	A	0.252293578	0.245283019	0.815695
rs2030259	JMJD1A	C/T	02p	T	0.241071429	0.232142857	0.815844
rs9830734	VPS8	A/G	03q	G	0.267857143	0.279279279	0.816032
rs3820439	RNPEP	C/T	01q	T	0.276785714	0.285714286	0.81608
rs1280396	CGNL1	C/T	15q	T	0.163461539	0.153846154	0.816132
rs2050944	LARP5	C/T	10p	C	0.174107143	0.18018018	0.816155
rs1063087	TMEM159	A/C	16p	A	0.227678571	0.21875	0.816173
rs1625963		G/T	19q	T	0.472972973	0.486607143	0.816257
rs2275799	NRAP	A/G	10q	A	0.26146789	0.25	0.816266
rs2266780	FMO3	A/G	01q	G	0.178571429	0.169642857	0.816546

rs6553229		C/G	04q	C	0.118181818	0.127272727	0.816581
rs6942733	ZAN	G/T	07q	G	0.245454545	0.256756757	0.816582
rs7298565	UBE3B	A/G	12q	G	0.481308411	0.471698113	0.816614
rs1214464	LIPK	C/G	10q	C	0.211711712	0.220720721	0.816686
rs2834167	IL10RB	A/G	21q	G	0.28125	0.272321429	0.81675
rs2297773	KIAA1024	C/T	15q	C	0.209821429	0.21875	0.816821
rs2076671	APOL5	C/T	22q	T	0.295454546	0.285714286	0.816849
rs3765407	LUZP1	A/C	01p	C	0.159090909	0.169642857	0.817096
rs7113607		C/T	11q	C	0.427184466	0.413461538	0.817169
rs2066534	FMO3	C/G	01q	G	0.223214286	0.214285714	0.817343
rs947847	CATSPER1	A/G	11q	G	0.283783784	0.272321429	0.817393
rs1968871	TREML3	A/G	06p	A	0.178571429	0.1875	0.817552
rs1047265	AFF3	A/G	02q	G	0.1875	0.196428571	0.817644
rs10769272	OR52E6	C/G	11p	C	0.366071429	0.357142857	0.817749
rs4362173	OR52E6	C/T	11p	C	0.366071429	0.357142857	0.817749
rs4451603		A/G	01q	A	0.272321429	0.263392857	0.817846
rs2242471	SDAD1	C/G	04q	C	0.366071429	0.373873874	0.817847
rs2066124		A/C	10p	A	0.330357143	0.321428571	0.818263
rs11164663	COL11A1	A/C	01p	C	0.072916667	0.081632653	0.818323
rs4601653	RP11-49L2.2	C/G	10p	C	0.183035714	0.175675676	0.818348
rs2302134	ABCA6	C/T	17q	T	0.373873874	0.387387387	0.818666
rs2173904	KIAA0020	C/G	09p	C	0.459821429	0.45045045	0.818698
rs8074015	KIAA1618	A/G	17q	A	0.321428571	0.331818182	0.819103
rs3736032	SLC25A37	A/G	08p	A	0.058035714	0.0625	0.819352
rs2278586	OXER1	C/G	02p	C	0.241071429	0.25	0.819383
rs2236338	GZMB	A/G	14q	G	0.256756757	0.247747748	0.819751
rs6579255	CPNE1	C/T	20q	C	0.196428571	0.205357143	0.819756
rs1049874	ASAH1	A/G	08p	A	0.477678571	0.486607143	0.819802
rs2303759	DKKL1	G/T	19q	G	0.263392857	0.254464286	0.819915
rs1799516	LOC729025	A/T	12p	A	0.21875	0.227678571	0.819961
rs6971091	FAM137A	A/G	07q	A	0.21875	0.227678571	0.820145
rs3750050	PTPN12	A/G	07q	G	0.169642857	0.162162162	0.820203
rs1735641		A/C	10p	C	0.234234234	0.243243243	0.82043
rs641320	FAIM	C/T	03q	T	0.075892857	0.081081081	0.82046
rs10264952	STK31	A/G	07p	A	0.160714286	0.153153153	0.820467
rs4861066	NSUN7	A/G	04p	G	0.339285714	0.330357143	0.820769
rs4936845	OR6M1	G/T	11q	T	0.263392857	0.254464286	0.820992

rs1560099	ZNF415	A/G	19q	G	0.165178571	0.157657658	0.821019
rs9740587		A/G	13q	A	0.303571429	0.292792793	0.821032
rs6672420	RUNX3	A/T	01p	T	0.490990991	0.495535714	0.82123
rs12471868	LYCAT	A/G	02p	G	0.130630631	0.138392857	0.821308
rs2071561	KRT32	A/C	17q	A	0.477678571	0.486486486	0.821683
rs2293767	ZAN	C/T	07q	T	0.316964286	0.308035714	0.821803
rs550897	FAM55D	C/T	11q	T	0.490990991	0.5	0.821858
rs885937		A/T	06p	T	0.376146789	0.384615385	0.821866
rs970547	COL12A1	A/G	06q	G	0.209821429	0.220720721	0.822254
rs9508509		C/T	13q	C	0.308035714	0.318181818	0.822278
rs9916475	KRT37	A/T	17q	A	0.464285714	0.472972973	0.822284
rs2073670		C/T	14q	C	0.355855856	0.366071429	0.823082
rs7667789		A/G	04q	G	0.274774775	0.281818182	0.823457
rs2270581	NCKAP1L	A/G	12q	A	0.0625	0.058035714	0.82363
rs2282192	C9orf156	C/T	09q	T	0.236607143	0.245535714	0.823719
rs300124		A/G	06q	G	0.191964286	0.183035714	0.823762
rs6678540	MYOM3	A/G	01p	A	0.450892857	0.458715596	0.82377
rs2303914	TAF1B	G/T	02p	T	0.495283019	0.485436893	0.823862
rs4601962		A/T	14q	T	0.080357143	0.085585586	0.824019
rs228697	PER3	C/G	01p	G	0.094594595	0.089285714	0.824371
rs12645298	SYNPO2	C/G	04q	C	0.234234234	0.243243243	0.824456
rs10957393	CPA6	A/G	08q	G	0.243119266	0.252293578	0.82456
rs8063528	LOC400499	A/C	16p	C	0.490990991	0.5	0.82463
rs1043261	IL17RB, ACTR8	C/T	03p	T	0.075892857	0.081081081	0.824633
rs901827	C11orf24	C/T	11q	T	0.436936937	0.427272727	0.824961
rs7128017	HPS5	G/T	11p	T	0.120535714	0.112612613	0.825304
rs7011	CINP	C/T	14q	T	0.357142857	0.364864865	0.82546
rs13846	CCDC109B	A/T	04q	T	0.322727273	0.3125	0.826017
rs9349688	LRRC1	A/G	06p	G	0.126373626	0.125	0.826089
rs1572912	TBC1D13	A/G	09q	G	0.321428571	0.330275229	0.826248
rs11545941		C/G	07q	G	0.232142857	0.240909091	0.826274
rs1047640	SP3	A/G	02q	G	0.138392857	0.145454546	0.826612
rs1793426		A/G	11q	A	0.359090909	0.370535714	0.826618
rs1046403	NT5C3L	C/T	17q	C	0.25	0.241071429	0.826621
rs11176815	MUC19	C/G	12q	G	0.227678571	0.216216216	0.826692
rs7210729		A/C	17p	A	0.3125	0.321428571	0.826854
rs1469087	ZNF135	C/T	19q	C	0.13963964	0.131818182	0.826943

rs8109273		C/T	19p	C	0.0625	0.067567568	0.827011
rs2844697	LOC646570	A/G	06p	A	0.377272727	0.366071429	0.827016
rs3931036	COG4	C/T	16q	C	0.053571429	0.049107143	0.827031
rs4758258	OR10A6	A/G	11p	A	0.183035714	0.191964286	0.827122
rs218369	C21orf25	G/T	21q	G	0.245454545	0.236607143	0.827184
rs2275047	AVPI1	C/G	10q	C	0.40990991	0.4	0.82739
rs2505323	PTCHD3	A/G	10p	A	0.299107143	0.290178571	0.827492
rs3811046	IL1F7	G/T	02q	G	0.331818182	0.323529412	0.827521
rs2234962	BAG3	C/T	10q	C	0.205357143	0.214285714	0.827543
rs2723880	KIAA1853	A/G	12q	A	0.34375	0.352678571	0.827674
rs9873604	ZNF167	C/T	03p	C	0.30927835	0.3	0.827721
rs11209026	IL23R	A/G	01p	A	0.075892857	0.081081081	0.827829
rs308925	LOC729777	C/T	16q	T	0.169642857	0.162162162	0.828066
rs12129691		C/T	01q	T	0.22972973	0.223214286	0.82816
rs941591	SERPINA10	A/G	14q	G	0.191964286	0.200892857	0.828398
rs3829405		C/T	14q	T	0.169642857	0.162162162	0.828619
rs2242206	SLC16A9	G/T	10q	T	0.223214286	0.232142857	0.828692
rs2308935		A/C	06p	C	0.186363636	0.192660551	0.828783
rs2272007	ULK4	A/G	03p	A	0.165178571	0.155963303	0.828894
rs3747881	SYCE1	A/G	10q	G	0.09375	0.100917431	0.828904
rs4910755	OR51B6	A/C	11p	C	0.267857143	0.258928571	0.828965
rs10428431	ODZ3	G/T	04q	G	0.129464286	0.136363636	0.828999
rs10891314	DLAT	A/G	11q	A	0.378640777	0.388888889	0.829209
rs1774423		C/G	16q	C	0.214285714	0.207207207	0.829214
rs2230169	MAP4	C/G	03p	C	0.0625	0.058035714	0.829309
rs4127353	OR5B17	C/T	11q	T	0.391304348	0.38172043	0.829383
rs4675141	COL4A4	A/G	02q	G	0.495495495	0.495535714	0.829455
rs435776	OBSCN	C/T	01q	T	0.486607143	0.477678571	0.829468
rs4845	MRPS21	A/G	01q	A	0.0625	0.066964286	0.829547
rs3747671	TNK2	A/G	03q	A	0.490909091	0.481981982	0.829645
rs4796305		G/T	17p	G	0.080357143	0.085585586	0.829697
rs2235967	ZFYVE26	C/T	14q	T	0.352678571	0.34375	0.829833
rs10507274	C12orf49	C/T	12q	C	0.053571429	0.049107143	0.829855
rs611010	C11orf1	A/T	11q	A	0.1875	0.178571429	0.829856
rs2487999	OBFC1	C/T	10q	T	0.09375	0.099099099	0.829904
rs1051484	PREP	C/T	06q	T	0.153153153	0.147321429	0.830431
rs3742207	COL4A1	A/C	13q	C	0.392857143	0.382882883	0.830471

rs9886752	LCN10	A/G	09q	A	0.168181818	0.160714286	0.83053
rs7775	FRZB	C/G	02q	G	0.080357143	0.086363636	0.830699
rs140528	FLJ90680	C/T	22q	T	0.084821429	0.09009009	0.830723
rs2294120	ZNF34	C/T	08q	C	0.446428571	0.4375	0.830745
rs6542522	LOC130355	C/T	02q	T	0.397321429	0.386363636	0.830812
rs2832129		C/G	21q	C	0.191964286	0.183486238	0.830847
rs1799811		C/T	11q	T	0.084821429	0.09009009	0.83101
rs259391	C6orf103	A/G	06q	A	0.5	0.491071429	0.83137
rs2150283	KIAA1549	C/T	07q	T	0.071428571	0.066964286	0.831499
rs7237030		A/G	18p	G	0.387387387	0.397321429	0.83152
rs3764795	GML	C/T	08q	T	0.053571429	0.058035714	0.831789
rs10885330		A/C	10q	A	0.486486486	0.477477477	0.831946
rs7211875	TADA2L	C/T	17q	C	0.113207547	0.106796116	0.832116
rs1938637		C/T	11q	C	0.375	0.366071429	0.832548
rs1535882	SIRPB1	C/T	20p	C	0.359090909	0.369158878	0.832587
rs2715687	GUCA1C	A/G	03q	G	0.274774775	0.28125	0.83263
rs10917536	TMCO4	A/C	01p	A	0.366071429	0.375	0.832668
rs1982963	NID2	C/T	14q	C	0.241071429	0.231818182	0.83267
rs2613648	FLJ43860, LOC731804	A/G	08q	A	0.463636364	0.45	0.832773
rs1132375	KIAA0692	C/T	12q	T	0.361607143	0.370535714	0.832811
rs3178178	DKFZp762E1312	A/G	02q	G	0.080357143	0.085585586	0.832925
rs3095089	LOC646570	A/C	06p	A	0.192307692	0.202830189	0.833097
rs3742290	UTP14C, ALG11	A/G	13q	G	0.133928571	0.13963964	0.833995
rs2929043	XKR4	C/T	08q	T	0.450892857	0.459821429	0.834052
rs10500635		A/G	11p	A	0.267857143	0.259090909	0.834166
rs3740853	JMJD2D	A/G	11q	A	0.232142857	0.223214286	0.834531
rs2051542	HIST1H1T	C/T	06p	T	0.054054054	0.05	0.834763
rs3812571	SNAPC4	C/G	09q	C	0.468468468	0.459090909	0.834796
rs2302427	EZH2	C/G	07q	C	0.076576577	0.071428571	0.834901
rs6595440	CCDC100	C/G	05q	C	0.392857143	0.383928571	0.834967
rs742682		G/T	01p	G	0.130630631	0.125	0.835191
rs238238	ENO3	A/G	17p	A	0.254464286	0.263392857	0.835281
rs9288513	PECR	A/T	02q	T	0.089285714	0.084821429	0.835307
rs4712056	C6orf142	A/G	06p	G	0.321428571	0.31443299	0.835326
rs2276054	LOH11CR2A	A/C	11q	A	0.090909091	0.084821429	0.835348
rs3772173	SKIL	C/T	03q	C	0.21875	0.209821429	0.83535
rs1209879	COMMD5, LOC642872	A/G	08q	A	0.366071429	0.357142857	0.835594

rs7714670	RGNEF	C/T	05q	C	0.459821429	0.450892857	0.83581
rs842274	OXNAD1	A/C	03p	C	0.400943396	0.392857143	0.835833
rs1047769	ERCC5	A/G	13q	G	0.058035714	0.0625	0.836069
rs389600		A/G	06p	A	0.21559633	0.224770642	0.836074
rs7527596		C/T	01q	T	0.46875	0.477678571	0.836377
rs271252		G/T	05q	T	0.472727273	0.481651376	0.836395
rs2824790	PRSS7	C/G	21q	G	0.294642857	0.285714286	0.836593
rs2272487	CHCHD6	A/C	03q	A	0.153153153	0.160714286	0.836651
rs2291554	LOC647109	A/G	03q	A	0.058035714	0.053571429	0.836925
rs4855271	SI	C/T	03q	C	0.053571429	0.058035714	0.837043
rs2241797	TGFBRAP1	C/T	02q	T	0.391891892	0.400900901	0.837209
rs2394412		A/G	06p	A	0.325892857	0.316964286	0.837745
rs2894046		C/T	06p	C	0.325892857	0.316964286	0.837745
rs1769	WDR82	A/G	03p	G	0.121621622	0.116071429	0.837747
rs3821238	DKFZp762E1312	C/G	02q	G	0.098214286	0.103603604	0.837993
rs3795958	C2orf39	A/G	02p	G	0.165178571	0.174107143	0.838231
rs10808115		A/C	07q	A	0.455357143	0.463963964	0.838334
rs3822109	DKFZP564O0823	C/T	04q	T	0.401785714	0.409090909	0.838343
rs1492171	LOC647109	C/T	03q	C	0.303571429	0.294642857	0.838463
rs10981890		A/G	09q	G	0.455357143	0.446428571	0.838808
rs367863	FAT	C/G	04q	G	0.151785714	0.144144144	0.838934
rs4072111	IL16	A/G	15q	A	0.108108108	0.102678571	0.839089
rs734312	WFS1	A/G	04p	G	0.481818182	0.473214286	0.839094
rs172956	ZNF578	A/C	19q	A	0.446428571	0.4375	0.839287
rs665470	KRT71	C/T	12q	T	0.227678571	0.236607143	0.839309
rs7187167		C/T	16p	T	0.303571429	0.294642857	0.839333
rs10152640	FSIP1	A/G	15q	G	0.290178571	0.28125	0.839377
rs11806923		C/G	01p	G	0.290178571	0.299107143	0.839412
rs4849167	PSD4	C/G	02q	C	0.40625	0.415178571	0.839438
rs10036727	SLIT3	C/T	05q	T	0.486607143	0.477678571	0.83958
rs4951168	TMEM81	C/T	01q	C	0.155660377	0.15	0.839596
rs3775291	TLR3	A/G	04q	A	0.292792793	0.301801802	0.839624
rs3827521	LOC283398	G/T	12q	T	0.25	0.242424242	0.839636
rs2272714		C/T	08q	T	0.0625	0.067567568	0.839675
rs1902023	UGT2B15	G/T	04q	G	0.464285714	0.455357143	0.839778
rs11170271	KRT76	C/T	12q	T	0.240740741	0.231818182	0.83978
rs7927138	OVCH2	C/T	11p	T	0.383928571	0.392857143	0.83984

rs1471997	H1FNT	C/T	12q	T	0.245535714	0.236607143	0.840024
rs3734804	C6orf97	A/G	06q	G	0.46875	0.459821429	0.840453
rs26618	ARTS-1	C/T	05q	C	0.272321429	0.28125	0.840677
rs1361385	ZSCAN12	C/T	06p	C	0.308035714	0.316964286	0.841014
rs330261	FLJ14213	C/T	11p	C	0.103603604	0.098214286	0.841293
rs6458199	TREML3	A/T	06p	A	0.178571429	0.186363636	0.841346
rs401502	IL12RB1	C/G	19p	G	0.315315315	0.322727273	0.841808
rs2072045		A/G	14q	A	0.361607143	0.370535714	0.84185
rs6588498	LOC388630	A/G	01p	A	0.397321429	0.387387387	0.841918
rs2462684		C/G	07p	G	0.225225225	0.218181818	0.842067
rs11153174	C6orf185	C/T	06q	T	0.348214286	0.339285714	0.842748
rs3770214	ZNF142	C/T	02q	T	0.357142857	0.366071429	0.842795
rs2072446	NGFR	C/T	17q	T	0.058035714	0.0625	0.842804
rs4959786		C/T	06p	T	0.200892857	0.207207207	0.84283
rs1209750	ANKRD30A	C/G	10p	G	0.46875	0.45945946	0.842921
rs1524617		C/G	07q	C	0.34375	0.352678571	0.842998
rs1047978	C21orf91	C/G	21q	G	0.346846847	0.357142857	0.843118
rs10016614		C/T	04q	T	0.205263158	0.214285714	0.843131
rs3731958	GTDC1	A/C	02q	C	0.491071429	0.5	0.843271
rs10838525	TRIM5	C/T	11p	T	0.388392857	0.379464286	0.843288
rs13787	PPA2	C/G	04q	G	0.454954955	0.463963964	0.843313
rs2686817	PKD1L1	A/C	07p	A	0.471962617	0.458333333	0.843321
rs2231940	FLJ10241	A/G	19q	G	0.373873874	0.364864865	0.843457
rs10251045	MUC3B	C/G	07q	C	0.242574257	0.25	0.843466
rs4862653	DKFZP564J102	A/G	04q	A	0.129464286	0.135135135	0.843529
rs3850625	CACNA1S	A/G	01q	A	0.112612613	0.107142857	0.844017
rs3886999	ATRN	C/T	20p	T	0.066964286	0.0625	0.844142
rs2075803	SIGLEC9	A/G	19q	A	0.433035714	0.441964286	0.844226
rs229526	C1QTNF6	C/G	22q	G	0.222727273	0.214285714	0.844343
rs869111	OR2G2	A/G	01q	A	0.491071429	0.482142857	0.844525
rs29132	VAPA	C/T	18p	C	0.053571429	0.05	0.844737
rs4633449		A/C	11p	A	0.334821429	0.324324324	0.844742
rs1008628	BRF1	A/G	14q	G	0.321428571	0.311827957	0.844891
rs3501	PAXIP1	A/G	07q	G	0.294642857	0.304545455	0.844961
rs736118	STRA6	C/T	15q	T	0.075892857	0.080357143	0.845099
rs11250082		C/T	08p	T	0.196428571	0.205357143	0.845221
rs10379	CSMD2, HMGB4	G/T	01p	T	0.214285714	0.223214286	0.845377

rs3745297	HRC	A/C	19q	C	0.423423423	0.415178571	0.845472
rs3961613		A/C	01q	A	0.259259259	0.252252252	0.84549
rs12584	UBR4	A/T	01p	A	0.400900901	0.410714286	0.845632
rs2819419	AHNAK2	A/C	14q	A	0.432432432	0.422727273	0.845758
rs2041607	GAB4	A/G	22q	A	0.362385321	0.371428571	0.845814
rs2546216		A/C	08q	A	0.075892857	0.071428571	0.845925
rs4592451	OR52E6	A/G	11p	G	0.463917526	0.456521739	0.845971
rs2578500	KIAA0947	A/G	05p	G	0.313636364	0.303571429	0.846057
rs543573	SETX	C/T	09q	T	0.13963964	0.147321429	0.846082
	PDXDC1, NTAN1,						
rs1136001	LOC730455	G/T	16p	T	0.310810811	0.316964286	0.846191
rs7194871	PKD1L2	G/T	16q	T	0.209821429	0.216216216	0.846292
rs2289642	KIAA0753	A/G	17p	A	0.431818182	0.441964286	0.846305
rs1735169	ZNF7, COMMD5	A/G	08q	A	0.370535714	0.379464286	0.846497
rs2239785	APOL1	A/G	22q	G	0.207207207	0.214285714	0.846647
rs10896563	OR5AK2	G/T	11q	T	0.077272727	0.072072072	0.846676
rs2297879	C9orf100	A/G	09p	G	0.300925926	0.310185185	0.846676
rs3803824	KIF2B	C/T	17q	T	0.40990991	0.400900901	0.846713
rs2034648	CENTG2	C/T	02q	C	0.481981982	0.490740741	0.846949
rs2832731		A/G	21q	G	0.076576577	0.072072072	0.84719
rs573212	FBP2	C/G	09q	C	0.122727273	0.129464286	0.847191
rs4941543	LCP1	C/T	13q	T	0.108108108	0.102678571	0.8473
rs2578377	C5orf3	C/T	05q	C	0.4	0.390625	0.847312
rs1908946	LRMP	C/G	12p	C	0.459821429	0.468181818	0.847348
rs676210	APOB	A/G	02p	A	0.232142857	0.223214286	0.84738
rs8042811	C15orf21	C/T	15q	C	0.15	0.142857143	0.847463
rs3732765	P2RY12, MED12L	A/G	03q	A	0.352678571	0.34375	0.847557
rs6716834	LRP2	C/T	02q	C	0.3125	0.303571429	0.847654
rs12538876	LMOD2	A/C	07q	A	0.464285714	0.473214286	0.847734
rs6824965	PALLD	A/G	04q	A	0.212121212	0.22	0.847958
rs11247933	ZNF683	A/C	01p	A	0.357142857	0.366071429	0.847985
rs2355466	OTOG	A/G	11p	A	0.375	0.366071429	0.848228
rs7787814	MGC87042	C/T	07p	C	0.071428571	0.076576577	0.848258
rs808802		A/G	03q	G	0.40625	0.397321429	0.848311
rs6060750	C20orf152	C/T	20q	T	0.21875	0.211711712	0.848447
rs2498982	INADL	C/G	01p	C	0.414414414	0.424107143	0.848553
rs7931261	OR5R1	A/G	11q	G	0.25	0.258928571	0.848602



rs7933772	OR5R1	C/T	11q	C	0.25	0.258928571	0.848602
rs3116856	OR2J2	C/T	06p	T	0.431818182	0.441964286	0.848831
rs2137365		C/G	01p	C	0.138888889	0.146226415	0.848945
rs2476601	PTPN22	A/G	01p	A	0.089285714	0.084821429	0.849028
rs2302190	MTMR4	C/T	17q	C	0.240909091	0.245454545	0.849161
rs2306392	MDM1	A/G	12q	A	0.320754717	0.311926605	0.849163
rs3851294	RIPK5	A/G	01q	A	0.098214286	0.09375	0.849171
rs7863519	SVEP1	G/T	09q	G	0.214285714	0.205357143	0.849181
rs9262138	DHX16	C/T	06p	C	0.0625	0.058035714	0.849201
rs3749598	FSTL5	G/T	04q	T	0.102678571	0.098214286	0.849224
rs11149631	ADAD2, LOC654780	C/G	16q	C	0.3125	0.321428571	0.849256
rs1344642	STK36	A/G	02q	A	0.410714286	0.419642857	0.849375
rs1060622	TMED5	C/T	01p	C	0.348623853	0.357142857	0.849516
rs4741510	C9orf93	A/T	09p	A	0.425925926	0.418181818	0.849567
rs7279064	IFNAR2	G/T	21q	G	0.303571429	0.3125	0.849854
rs1045922	RNASE6	A/G	14q	A	0.227678571	0.220720721	0.850168
rs1573129	CGN	C/T	01q	T	0.166666667	0.159090909	0.850284
rs6701295		C/T	01q	C	0.400900901	0.390909091	0.850442
rs6672147		A/G	01q	G	0.211711712	0.21559633	0.850563
rs608433	ZNF236	C/T	18q	T	0.053571429	0.049107143	0.850563
rs2305535	DPP3	C/T	11q	T	0.223214286	0.22972973	0.850596
rs13815	MCAT	C/G	22q	C	0.361607143	0.352678571	0.850873
rs3814281	WHDC1	C/T	15q	T	0.075892857	0.080357143	0.85088
rs2994401		A/T	14q	T	0.355855856	0.366071429	0.851305
rs3762685	PLSCR4	A/G	03q	G	0.357142857	0.348214286	0.851393
rs2034528	C12orf64	C/T	12q	T	0.080357143	0.084821429	0.851751
rs2306894	CLEC1A	C/G	12p	G	0.136363636	0.142857143	0.851929
rs2642839		A/G	04q	G	0.454954955	0.45	0.851936
rs4071641		A/G	17q	A	0.4375	0.446428571	0.852099
rs35249		C/T	05p	T	0.379464286	0.388392857	0.852175
rs7506550		C/T	18q	T	0.148648649	0.154545455	0.852252
rs1127717	ALDH1L1	A/G	03q	G	0.214285714	0.207207207	0.852435
rs584855	C20orf86	A/G	20q	G	0.094594595	0.089285714	0.852613
rs2234636	SLC39A2	C/T	14q	C	0.334821429	0.325892857	0.853096
rs4406360	UNQ9391	C/T	08p	T	0.330357143	0.321428571	0.85332
rs998532	TTF2	A/G	01p	A	0.377358491	0.384615385	0.85335
rs7127229		C/T	11p	C	0.375	0.366071429	0.853455

rs2479383		C/T	01q	C	0.151515151	0.158415842	0.853532
rs12174349	LATS1, LOC645967	A/G	06q	A	0.366972477	0.357798165	0.853757
rs1617167		A/G	11q	A	0.145454545	0.151785714	0.854026
rs2307492	FMO2	C/T	01q	C	0.071428571	0.075892857	0.854101
rs11102001	EPS8L3	A/G	01p	A	0.058035714	0.0625	0.854262
rs13394	PIH1D1	C/T	19q	C	0.243243243	0.236607143	0.854471
rs4598671	OR4C12	G/T	11p	G	0.383928571	0.392857143	0.854503
rs4131590		A/T	11p	T	0.136363636	0.129464286	0.854509
rs11036815	OR51B2	A/G	11p	A	0.315315315	0.309090909	0.854637
rs2272464	LOC339778	A/G	02p	A	0.284313725	0.289215686	0.854913
rs4986791	TLR4	C/T	09q	T	0.063063063	0.058035714	0.854946
rs1827210	MT1M	A/C	16q	C	0.102678571	0.107142857	0.855003
rs4141841		A/G	05q	G	0.418918919	0.429906542	0.855168
rs4902379		C/T	14q	T	0.058035714	0.053571429	0.855229
rs2266782	FMO3	A/G	01q	A	0.396396396	0.387387387	0.855506
rs10904576	LARP5	C/G	10p	G	0.198198198	0.205357143	0.855592
rs4939208	OR5B17	A/T	11q	A	0.377272727	0.369369369	0.855594
rs1148275		A/G	10p	G	0.09375	0.089285714	0.855609
rs1208606	ZNF25	A/C	10p	C	0.09375	0.089285714	0.855609
rs8112275	LOC728630	C/G	19q	G	0.135135135	0.129464286	0.855626
rs2075252	LRP2	A/G	02q	A	0.263392857	0.256756757	0.855691
rs343320	PLSCR1	C/T	03q	T	0.080357143	0.075892857	0.855732
rs1952808		A/G	14q	G	0.193693694	0.2	0.85574
rs2289520	SERPINB5	C/G	18q	C	0.066964286	0.063063063	0.855898
rs2734705	CLCA1	A/G	01p	A	0.135135135	0.12962963	0.85599
rs2053724	DPP10	C/G	02q	C	0.371559633	0.364864865	0.856002
rs2021349		A/G	20p	G	0.333333333	0.325892857	0.85611
rs7986131	LMO7	C/T	13q	T	0.268181818	0.277272727	0.856233
rs1851725	OR13C5	C/T	09q	C	0.178571429	0.183035714	0.856398
rs1453544	OR4D6	C/T	11q	C	0.3125	0.303571429	0.856477
rs10486180	COL28A1	C/T	07p	C	0.0625	0.058558559	0.856525
rs14008	TACSTD2	A/C	01p	A	0.087962963	0.092592593	0.856792
rs3752199	ZNF317	G/T	19p	T	0.212264151	0.203125	0.856839
rs2986035	FAM26A	C/T	10q	C	0.25	0.241071429	0.856902
rs7792851		A/G	07p	G	0.21875	0.225225225	0.85693
rs7982418		A/G	13q	G	0.202702703	0.211711712	0.857132
rs3809813	KIAA1787	C/G	17p	G	0.127272727	0.133928571	0.85748

rs1057251	MOCOS	C/T	18q	C	0.138392857	0.133928571	0.857565
rs185819	TNXB	C/T	06p	T	0.482142857	0.473214286	0.857634
rs1443417	KIAA0753	C/T	17p	T	0.428571429	0.4375	0.857729
rs11643718	SLC12A3	A/G	16q	A	0.102678571	0.107142857	0.857823
rs328	LPL	C/G	08p	G	0.098214286	0.102678571	0.857824
rs259956	C20orf174	C/T	20q	T	0.463963964	0.455357143	0.858177
rs3749298	PHLDB2	C/T	03q	T	0.089285714	0.084821429	0.858501
rs6952329		C/G	07p	G	0.477477478	0.46875	0.858571
rs5743291	NOD2	A/G	16q	A	0.090909091	0.094594595	0.858731
rs2192828	FLJ14712	G/T	07p	T	0.425925926	0.418181818	0.858954
rs2270655	MMAA	C/G	04q	C	0.058035714	0.054054054	0.859072
rs7030550		A/G	09q	G	0.066964286	0.071428571	0.859241
rs1205434	RP5-1054A22.3	A/C	20q	A	0.388392857	0.379464286	0.859699
rs7932738	LOC646754, LOC652433	A/C	11p	C	0.13963964	0.145454546	0.859719
rs2275420	C9orf100, CCDC107	A/G	09p	A	0.13963964	0.133928571	0.859869
rs1049550	ANXA11	C/T	10q	T	0.410714286	0.404545455	0.860038
rs136175	APOL1	A/G	22q	G	0.200892857	0.207207207	0.860179
rs2240694		C/T	05q	C	0.418918919	0.428571429	0.860185
rs11633606	FLJ43276	G/T	15q	T	0.428571429	0.4375	0.860407
rs3742935	AHNAK2	C/G	14q	C	0.436936937	0.428571429	0.860669
rs2073214	PHACTR2	C/T	06q	T	0.142857143	0.135416667	0.86085
rs2250242	AKNA	A/G	09q	G	0.445945946	0.436936937	0.861026
rs2658658	KRT82	A/G	12q	G	0.486238532	0.495327103	0.861118
rs2295000	DIDO1	A/G	20q	A	0.15625	0.162162162	0.861173
rs2290878	NCOA2	A/G	08q	G	0.063063063	0.059090909	0.861176
rs6674281	TEDDM1	A/G	01q	A	0.450892857	0.459821429	0.861262
rs3743771	CHD9	A/G	16q	G	0.330357143	0.321428571	0.861548
rs7738586		A/C	06p	A	0.075892857	0.072072072	0.861607
rs130067	CCHCR1	A/C	06p	C	0.186363636	0.190909091	0.861794
rs1985918		A/C	22q	C	0.151376147	0.157407407	0.861829
rs609521	TOR1AIP1	C/G	01q	C	0.369369369	0.375	0.86203
rs1799822	CPT2, C1orf123	A/G	01p	G	0.212962963	0.219047619	0.862047
rs760287	LOC730007	C/T	14q	T	0.297297297	0.303571429	0.862117
rs4917152	ABCA13	A/G	07p	G	0.111607143	0.116071429	0.86232
rs6667999	LOC127602	A/G	01q	G	0.468468469	0.459821429	0.862339
rs4247059		A/G	15q	A	0.222727273	0.228971963	0.862768
rs2241764	GPR39	A/G	02q	A	0.366071429	0.373873874	0.862775

rs3740231	MYO3A	A/T	10p	A	0.459821429	0.450892857	0.862824	
rs915877	TMEM1	G/T	21q	G	0.067567568	0.063636364	0.862902	
rs3742302	USPL1	C/T	13q	T	0.397321429	0.388392857	0.863063	
rs7984952	USPL1	C/T	13q	C	0.397321429	0.388392857	0.863063	
rs6952125	MGC12966	C/T	07p	T	0.477678571	0.46875	0.8631	
rs9350	EXO1	C/T	01q	T	0.165178571	0.160714286	0.863271	
rs2073151	OR12D2	C/T	06p	T	0.419642857	0.428571429	0.863286	
rs2241988	2'-PDE	A/G	03p	A	0.490990991	0.482142857	0.863426	
rs1054485	ZNF415	A/C	19q	C	0.486607143	0.495535714	0.86345	
rs377483	LOC728816, LOC732141	C/T	21q	C	0.397321429	0.388392857	0.863691	
rs2851096		A/C	11q	A	0.146226415	0.150943396	0.863791	
rs2392572	AMPH	C/T	07p	C	0.09009009	0.084821429	0.863912	
rs1882800		A/T	08p	T		0.2	0.207207207	0.863933
rs7305779	OR9K2	A/C	12q	C		0.3125	0.306306306	0.863937
rs2708742	ZNF761	C/T	19q	T	0.446428571	0.4375	0.863971	
rs8010699	SYNE2	A/G	14q	A	0.148648649	0.144144144	0.863992	
rs136176	APOL1	A/G	22q	G	0.205357143	0.211711712	0.864158	
rs8192639		C/G	12q	G	0.097826087	0.097701149	0.864234	
rs10883100	HPSE2	A/T	10q	T	0.495495496	0.486607143	0.864242	
rs959952	LOC647166, LOC652259	A/G	13q	A		0.34375	0.351351351	0.864296
rs2232700	SERPINA10	A/T	14q	T	0.193693694	0.200892857	0.864319	
rs2288347	C14orf145	C/T	14q	T		0.5	0.490909091	0.864355
rs2681417	CD86	A/G	03q	G	0.084821429	0.080357143	0.864416	
rs1573496	ADH7	C/G	04q	G	0.102678571	0.107142857	0.864638	
rs4709715		G/T	06q	G	0.459821429	0.467889908	0.864734	
rs2732481	ZNF641	G/T	12q	G	0.346846847	0.354545454	0.864968	
rs11928683		C/T	03q	C	0.111607143	0.116071429	0.865146	
rs11071896	ZWILCH	A/G	15q	G	0.283783784	0.276785714	0.865149	
rs9511510	CENPJ	G/T	13q	T	0.135135135	0.127272727	0.865216	
rs2677879	METTL4	A/C	18p	C	0.342342342	0.336363636	0.865356	
rs7302981	LASS5	A/G	12q	A	0.410714286	0.401785714	0.86548	
rs306496	NLRP8	A/G	19q	A	0.473214286	0.477678571	0.865513	
rs10082391	MKI67	C/T	10q	C	0.169642857	0.174107143	0.865658	
rs2240	MKI67	C/G	10q	C	0.169642857	0.174107143	0.865658	
rs10826469		C/T	10p	T	0.131818182	0.126126126	0.865686	
rs1671152	GP6	G/T	19q	T	0.136363636	0.142201835	0.865781	
rs4487219		A/C	03q	A	0.147368421	0.142156863	0.865912	

rs12131454		A/G	01p	G	0.419642857	0.410714286	0.866328
rs1609860	STAB2	A/C	12q	A	0.099099099	0.09375	0.866368
rs2293669	WDR35	C/T	02p	T	0.09375	0.089285714	0.866539
rs144848	BRCA2	G/T	13q	G	0.268181818	0.26146789	0.866985
rs1291602	RAPGEF6	C/T	05q	T	0.153153153	0.160714286	0.867065
rs1432273	TTC21B	C/T	02q	C	0.401785714	0.410714286	0.867123
rs4619784	FLJ23049	A/T	03q	A	0.433035714	0.427927928	0.867319
rs4519083	OVCH2	A/T	11p	A	0.142857143	0.147321429	0.86735
rs3116818		G/T	06p	T	0.495535714	0.495535714	0.867389
rs10496192	ALMS1	C/T	02p	C	0.204545454	0.198198198	0.867417
rs4972946	SP140	A/G	02q	G	0.103773585	0.097087379	0.867475
rs2874103	OR4E2	A/G	14q	G	0.204545455	0.211711712	0.867612
rs4802965	ZNF578	A/G	19q	G	0.254464286	0.261261261	0.867686
rs3761966	BDP1	C/T	05q	T	0.369369369	0.361607143	0.867857
rs644827	SLC44A4	C/T	06p	T	0.410714286	0.418918919	0.867917
rs2391199	EVI5	A/G	01p	A	0.107142857	0.102678571	0.867997
rs1551886	ALDH3B2	C/T	11q	T	0.085585586	0.09009009	0.868001
rs272128	GPR148	G/T	02q	T	0.075892857	0.071428571	0.868045
rs6925151	RAET1E	C/T	06q	T	0.254464286	0.261261261	0.868289
rs962976	MDM1	A/G	12q	G	0.303571429	0.297297297	0.868447
rs6602966	OR11K1P	C/T	15q	C	0.281818182	0.288288288	0.86866
rs1877609		C/G	04q	C	0.252252252	0.258928571	0.868761
rs2240696		C/T	05q	T	0.415178571	0.424107143	0.868798
rs586024	GPR116	C/T	06p	C	0.075892857	0.071428571	0.868817
rs10865030	MRPL30	C/T	02q	T	0.120535714	0.116071429	0.868919
rs1039898	OBSL1	A/G	02q	G	0.102678571	0.107142857	0.868942
rs3742578	EXOC5	C/T	14q	T	0.129464286	0.125	0.869045
rs7813708	FAM83A	A/G	08q	A	0.172727273	0.178571429	0.869179
rs897945	THAP9	A/C	04q	C	0.477477478	0.46875	0.869259
rs299163	NLRP11	G/T	19q	G	0.071428571	0.075892857	0.869593
rs6938396	LOC401233	C/G	06p	G	0.192307692	0.184466019	0.869643
rs2381612		C/G	09p	C	0.107142857	0.111607143	0.86968
rs6720173	ABCG5	C/G	02p	C	0.160714286	0.166666667	0.869703
rs2269650	KIAA0040	A/C	01q	A	0.361607143	0.352678571	0.869833
rs10499053		A/G	06q	G	0.351351351	0.34375	0.869843
rs1048944	RAI14	G/T	05p	T	0.472972973	0.464285714	0.869903
rs29670		A/C	05q	A	0.232142857	0.225225225	0.870017

rs591120	SEC16B	C/G	01q	C	0.409523809	0.402912621	0.870025
rs12659730		C/T	05q	T	0.261261261	0.254464286	0.87013
rs2546217		A/G	08q	G	0.207207207	0.200892857	0.870145
rs8178847	APOH	A/G	17q	A	0.069444444	0.064220183	0.870551
rs10827306	C10orf112	C/T	10p	T	0.418918919	0.424107143	0.870795
rs2291310	TTN	C/T	02q	C	0.075892857	0.072072072	0.870799
rs473267	PGM3	C/T	06q	T	0.236607143	0.22972973	0.870848
rs1548476	ZNF550	A/G	19q	G	0.5	0.494252874	0.871189
rs4902264	SYNE2	C/T	14q	T	0.147321429	0.142857143	0.871192
rs3812813	USP44	A/G	12q	A	0.4375	0.428571429	0.871193
rs2003591	KLHL22	C/T	22q	C	0.066964286	0.063063063	0.871256
rs7763726	FNDC1	A/G	06q	G	0.052083333	0.04787234	0.871337
rs1537514	MTHFR, C1orf167	C/G	01p	G	0.107142857	0.103603604	0.871352
rs5748622	XKR3	G/T	22q	G	0.117117117	0.111607143	0.871427
rs2228273	ZNF133	A/G	20p	A	0.082524272	0.077319588	0.87154
rs9939733		C/T	16p	C	0.307339449	0.3	0.871639
rs3733504	LOC728193	A/G	04q	G	0.102678571	0.107142857	0.871861
rs8071623	C17orf47	G/T	17q	G	0.243243243	0.236607143	0.872109
rs4477896		C/T	02p	T	0.234234234	0.227272727	0.872184
rs3826942	MUM1	C/T	19p	C	0.258928571	0.252252252	0.87221
rs1381057	POLQ	C/T	03q	T	0.288288288	0.28125	0.872268
rs1001586	LOC388906	A/C	22q	A	0.21875	0.214285714	0.872277
rs4667319	ITGA4	A/G	02q	G	0.310185185	0.317307692	0.872391
rs11108730	LOC390352	A/C	12q	C	0.236607143	0.22972973	0.872469
rs677843		A/C	17q	C	0.364864865	0.357142857	0.872565
rs929059	DCBLD1	A/G	06q	A	0.138392857	0.142857143	0.872679
rs6886336	BDP1	A/G	05q	G	0.142857143	0.148648649	0.872874
rs11171297		A/G	12q	G	0.3125	0.306306306	0.872959
rs9327831		A/C	05q	C	0.303571429	0.299107143	0.873235
rs180067		C/G	17q	C	0.389473684	0.396341463	0.873479
rs5760749	bA9F11.1	G/T	22q	G	0.446428571	0.455357143	0.873487
rs7528153	VAV3	A/T	01p	T	0.348214286	0.339285714	0.873638
rs6766410	HTR3C	A/C	03q	A	0.454954955	0.446428571	0.87378
rs10166891	LOC391347	A/G	02p	G	0.178571429	0.174107143	0.87378
rs7995033	MTMR6	C/T	13q	T	0.131818182	0.128571429	0.874105
rs2278761		C/T	03q	C	0.169642857	0.175675676	0.874513
rs2072164	OR2F1	C/T	07q	T	0.075892857	0.072072072	0.874534

rs1949471		C/T	03q	T	0.149484536	0.154639175	0.874596
rs10045605		C/T	05q	C	0.303571429	0.299107143	0.874598
rs2505327	PTCHD3	A/G	10p	A	0.299107143	0.292792793	0.874731
rs11885332	ASB18	A/G	02q	A	0.218085106	0.230337079	0.874836
rs950210	LOC127602	A/C	01q	A	0.31981982	0.325892857	0.874868
rs2285604	ZNF547	C/G	19q	C	0.471698113	0.46039604	0.874881
rs2230229	TNFRSF10A	A/G	08p	G	0.129464286	0.135135135	0.874923
rs2276853	KIF9	C/T	03p	C	0.441441441	0.432432432	0.875205
rs739869	TSHZ2	C/G	20q	C	0.133928571	0.138392857	0.875234
rs1494961	HEL308	C/T	04q	C	0.477272727	0.472727273	0.875288
rs1060105	SBNO1	A/G	12q	A	0.218181818	0.213636364	0.875306
rs2853533	TYMS, C18orf56	C/G	18p	C	0.130630631	0.126126126	0.875309
rs17561	IL1A	G/T	02q	T	0.279279279	0.285714286	0.875382
rs296093	ZNF91	A/G	19p	G	0.065420561	0.061320755	0.875473
rs6788448	ATP13A4	C/T	03q	C	0.419642857	0.410714286	0.875514
rs10506593		C/T	12q	C	0.125	0.120535714	0.8756
rs1049534	THOC5	A/G	22q	A	0.23853211	0.24537037	0.875749
rs6941356	ZNF292	A/G	06q	G	0.104545455	0.099099099	0.875861
rs3179861		G/T	17q	G	0.067567568	0.063636364	0.876132
rs7326449	COL4A2	A/G	13q	G	0.175675676	0.169642857	0.876224
rs5995720	VPREB1	A/G	22q	A	0.169642857	0.165178571	0.87625
rs6505776	SEH1L	A/C	18p	C	0.340909091	0.348214286	0.876256
rs1013940	SLC5A7	C/T	02q	C	0.076576577	0.071428571	0.876411
rs3177427	GSTZ1	A/G	14q	A	0.285714286	0.28125	0.876696
rs11864937	ADAD2, LOC654780	G/T	16q	T	0.3125	0.31981982	0.876818
rs3218649	POLQ	C/G	03q	C	0.340909091	0.334862385	0.876907
rs8035931	FBXL22	C/G	15q	C	0.120535714	0.125	0.877222
rs3738281	LAD1	A/C	01q	A	0.103603604	0.108108108	0.877226
rs1047699	PRR4	C/T	12p	T	0.144144144	0.148648649	0.877286
rs887230	FLJ44815	A/G	17q	G	0.171171171	0.175675676	0.877464
rs3811505		A/G	01p	G	0.138392857	0.133928571	0.877586
rs3131933		A/G	06p	A	0.486607143	0.495495495	0.87768
rs1530496	DNAH5	A/G	05p	A	0.272727273	0.278301887	0.877884
rs420703	TSPAN16	G/T	19p	T	0.330357143	0.339285714	0.877942
rs10846333		G/T	12p	T	0.495495495	0.495412844	0.878137
rs3733557	FAM44A	A/G	04p	A	0.151785714	0.147321429	0.878187
rs1515441	SPATA16	A/G	03q	A	0.098214286	0.09375	0.878416

rs6793295	LRRC34	C/T	03q	C	0.252252252	0.259259259	0.878663
rs1801725	CASR	G/T	03q	T	0.157657658	0.151785714	0.878908
rs1044250	ANGPTL4	C/T	19p	T	0.301801802	0.294642857	0.879453
rs3131968		C/T	01p	T	0.13963964	0.144144144	0.879812
rs1975349		C/T	19p	C	0.174107143	0.178571429	0.879869
rs7765803	LPA	C/G	06q	C	0.339285714	0.345454545	0.880189
rs7710284	SPEF2	A/T	05p	A	0.116071429	0.121621622	0.880666
rs10790715	HEPACAM	C/T	11q	T	0.272727273	0.268181818	0.881376
rs868738	NRAP	C/T	10q	T	0.339805825	0.346153846	0.881412
rs9358856	LRRC16	A/G	06p	A	0.147321429	0.151785714	0.881443
rs3088235	BSPRY	C/T	09q	T	0.207070707	0.208737864	0.881667
rs2015035	LOC550631	A/C	22q	A	0.066964286	0.0625	0.881772
rs1537232	DNAH8	C/T	06p	T	0.138392857	0.133928571	0.881848
rs3750898	DCLRE1A	C/G	10q	G	0.209821429	0.214285714	0.882373
rs7462	PIH1D1	C/T	19q	T	0.308035714	0.3125	0.882443
rs2344829		A/G	11p	G	0.333333333	0.325892857	0.882534
rs1923822		C/T	01q	T	0.209821429	0.216216216	0.882941
rs3746803	C20orf54	A/G	20p	A	0.091743119	0.086538461	0.882965
rs904383	C17orf80	A/G	17q	G	0.483146067	0.472826087	0.88324
rs1628172	PDE4DIP, LOC652879	A/G	01q	A	0.203703704	0.198198198	0.883341
rs157024	MYO16	A/G	13q	G	0.133928571	0.129464286	0.883349
rs3738573	DNASE2B	C/G	01p	G	0.351351351	0.346846847	0.883554
rs432335		A/G	01q	G	0.14516129	0.15	0.883626
rs1012272	GTDC1	A/G	02q	A	0.078703704	0.080952381	0.883753
rs7179270	TJP1	C/T	15q	C	0.084821429	0.087155963	0.883926
rs217086	CTSC	A/G	11q	A	0.171171171	0.165178571	0.884096
rs2270662	LOC727862	C/T	17q	C	0.463963964	0.472727273	0.884851
rs6442117	FBXW12	C/T	03p	C	0.464285714	0.473214286	0.884857
rs4917153	ABCA13	A/G	07p	G	0.112612613	0.116071429	0.884893
rs10258719	ATP6V0A4	A/G	07q	A	0.267857143	0.274774775	0.885107
rs3750450	EPB41L4B	A/C	09q	A	0.267857143	0.274774775	0.885234
rs4764643	UTP20	C/G	12q	G	0.202702703	0.2	0.885572
rs6448389	SLC34A2	A/G	04p	A	0.15625	0.160714286	0.885666
rs423151	LRRC37B2	C/T	17q	C	0.144144144	0.13963964	0.885868
rs855523		A/C	09p	C	0.077981651	0.074074074	0.885969
rs7144340	RCOR1	G/T	14q	T	0.28125	0.274774775	0.886129
rs229150	SCFD1	C/T	14q	C	0.316964286	0.325892857	0.886297



rs3737271		A/G	14q	A	0.295918367	0.301020408	0.886343
rs7205673	PKD1L2	A/G	16q	G	0.214285714	0.21875	0.886545
rs299295	HMMR	C/T	05q	T	0.252252252	0.256756757	0.886894
rs2276551	LOC165186	A/C	02p	C	0.121621622	0.126126126	0.88691
rs4841133		A/G	08p	A	0.098214286	0.09375	0.886981
rs4795690	ZNF207, RHBDL3	A/G	17q	A	0.172727273	0.166666667	0.887183
rs10879901	CAPS2	A/C	12q	A	0.241071429	0.245535714	0.887194
rs2295564	CST9L	G/T	20p	G	0.4	0.406542056	0.887349
rs11045676	LST-3TM12	A/T	12p	A	0.160714286	0.15625	0.887534
rs10786775	OBFC1	C/G	10q	G	0.095454546	0.099056604	0.887908
rs2274285	COG3	A/G	13q	A	0.245098039	0.240196078	0.888068
rs3811987	GCNT4	A/G	05q	A	0.308035714	0.3125	0.888106
rs6494	ALKBH1	A/T	14q	T	0.245454546	0.237373737	0.888494
rs2282488	P4HA3	A/G	11q	A	0.098214286	0.094594595	0.888748
rs3817552	MYBPC1	C/G	12q	C	0.147321429	0.151785714	0.888946
rs855465	LOC731292	G/T	09p	T	0.071428571	0.068181818	0.889182
rs2297810	CYP4B1	C/T	01p	T	0.147321429	0.151785714	0.889596
rs4378600	HSDL1	C/G	16q	C	0.279279279	0.283783784	0.889605
rs10281195		C/T	07q	C	0.107142857	0.111607143	0.889774
rs983034	GPR177	C/T	01p	T	0.40990991	0.401869159	0.889811
rs10508862	ZNF33A	C/G	10p	C	0.09375	0.098214286	0.889941
rs2562052		A/G	19q	G	0.09009009	0.09375	0.890122
rs10205944	ROCK2	A/T	02p	A	0.130630631	0.133928571	0.890193
rs2228243	HRG	A/G	03q	G	0.189814815	0.183486239	0.89023
rs1049683	CABYR	A/C	18q	A	0.125	0.120535714	0.890401
rs3733011		C/T	03q	C	0.130630631	0.126168224	0.890565
rs2131535	ADAMTS8	A/G	11q	G	0.267857143	0.272321429	0.89064
rs3738413	TRIM45	C/T	01p	T	0.09375	0.098214286	0.89064
rs323345	TEX15	C/T	08p	C	0.126126126	0.121621622	0.890825
rs3746737	CSTL1	C/T	20p	T	0.09009009	0.09375	0.890883
rs2477120	CEP350	C/G	01q	G	0.36036036	0.364864865	0.890923
rs2304029	FAT2	C/G	05q	G	0.054545455	0.058558559	0.891047
rs3777721	RNASSET2	C/G	06q	C	0.052380952	0.055555556	0.8911
rs2301582	NLRP1	A/G	17p	A	0.40625	0.410714286	0.891265
rs6927398	C6orf148	C/G	06q	C	0.241071429	0.245535714	0.891339
rs10004516	ENPEP	A/G	04q	A	0.112149533	0.108490566	0.891572
rs1063310	GABRP	A/C	05q	A	0.183486238	0.179245283	0.891693

rs11881580	WDR88	C/T	19q	C	0.084821429	0.081081081	0.891945
rs1494555	IL7R	C/T	05p	C	0.339285714	0.331818182	0.891947
rs7690230	LOC729902	G/T	04q	T	0.396396396	0.401785714	0.892386
rs1778540	VN1R5	C/T	01q	T	0.107142857	0.102678571	0.892784
rs1891110	CUZD1, FAM24B	A/G	10q	G	0.468468469	0.477272727	0.892927
rs4027402	SYNE2	C/T	14q	C	0.142857143	0.13963964	0.89298
rs7188200	LOC197322	C/T	16q	T	0.232142857	0.236607143	0.893056
rs7103033	OR1S1	A/G	11q	G	0.337837838	0.334862385	0.893267
rs6967330	FLJ23834	A/G	07q	A	0.1	0.105504587	0.893366
rs466384		C/T	06p	C	0.147321429	0.142857143	0.893513
rs2993010	TRPM3	A/G	09q	A	0.431192661	0.436936937	0.893593
rs11736872	WDR17	A/G	04q	A	0.276785714	0.272321429	0.893957
rs4534403		A/T	01q	A	0.348214286	0.342342342	0.894036
rs11629955		C/T	15q	C	0.4375	0.441964286	0.894531
rs1052887		C/G	15q	G	0.236263736	0.227777778	0.894652
rs4027404	SYNE2	A/G	14q	G	0.154205608	0.16	0.894708
rs12226614		C/T	11q	T	0.154205608	0.148148148	0.894735
rs12602520	KIAA0100	A/C	17q	C	0.107142857	0.102678571	0.894863
rs11168639		A/G	12q	A	0.171717172	0.176190476	0.894891
rs3819257	TMPRSS11F, SYT14L	C/T	04q	T	0.214285714	0.22	0.89497
rs7739323	C6orf157	C/T	06q	T	0.147321429	0.142857143	0.894979
rs809203	C8orf49	A/T	08p	T	0.351351351	0.355855856	0.895517
rs3829767	SYNE2	A/G	14q	A	0.142857143	0.147321429	0.895942
rs2478046	C13orf18	C/T	13q	T	0.142857143	0.138392857	0.895961
rs1328361	GUCY1B2	G/T	13q	T	0.361607143	0.357142857	0.896118
rs160277	VCAN	A/C	05q	A	0.366071429	0.361607143	0.896253
rs8103002	LOC284441	C/G	19p	G	0.1875	0.193693694	0.896432
rs11690358	COL6A3	C/T	02q	C	0.107142857	0.102678571	0.896706
rs8060294	PKD1L2	A/G	16q	G	0.325892857	0.31981982	0.896755
rs7193955	ABCC12	A/G	16q	G	0.205357143	0.200892857	0.896768
rs879665	LOC339766	C/T	02q	T	0.147321429	0.151785714	0.897238
rs4851287	LONRF2	A/G	02q	A	0.389908257	0.383928571	0.897477
rs5749082	LOC550631	A/T	22q	T	0.274774775	0.28125	0.897752
rs12638625	FLJ23049	C/G	03q	C	0.299107143	0.303571429	0.897853
rs3738000	NEK11	A/T	03q	A	0.272321429	0.276785714	0.897888
rs6032538	WFDC3	C/G	20q	G	0.313084112	0.308411215	0.898075
rs3821812	RTP4	C/T	03q	T	0.330357143	0.334821429	0.89841

rs2891775		C/T	02p	C	0.17961165	0.172897196	0.898536
rs1057190	PUS7L	A/G	12q	G	0.120535714	0.125	0.898953
rs2281390		A/C	06p	A	0.183035714	0.178571429	0.899154
rs1551122	C12orf64	C/T	12q	T	0.345794393	0.339285714	0.899239
rs132653	APOL3	A/C	22q	C	0.160714286	0.15625	0.899573
rs8187799	ABCB4	A/G	07q	G	0.089285714	0.085585586	0.899753
rs4819522	TBX1	C/T	22q	T	0.175675676	0.169642857	0.899804
rs3737486		C/G	04q	G	0.153153153	0.15	0.899849
rs35195	CDH11	A/G	16q	A	0.36036036	0.366071429	0.899951
rs10779261	USH2A	C/T	01q	C	0.308035714	0.303571429	0.900247
rs7086568		C/G	10p	C	0.120535714	0.117117117	0.900743
rs2023477	FLJ45422	C/T	06p	T	0.214285714	0.21875	0.900967
rs6580741	LOC643275	C/G	12q	C	0.315315315	0.321428571	0.90099
rs9527025	KL	C/G	13q	C	0.160714286	0.155963303	0.901154
rs3801906	RBM33	C/T	07q	T	0.178571429	0.183035714	0.901189
rs10849133	GALNT8	G/T	12p	G	0.348623853	0.342342342	0.901244
rs3116817		A/G	06p	G	0.446428571	0.441964286	0.901282
rs3733413	FAT	C/T	04q	C	0.397321429	0.401785714	0.901324
rs11568591	ABCC3	A/G	17q	A	0.076576577	0.080357143	0.901342
rs10407115	PPAP2C	A/G	19p	A	0.446428571	0.441964286	0.901609
rs10503929	NRG1	C/T	08p	C	0.174107143	0.169642857	0.901727
rs2258689	MAPT	C/T	17q	C	0.232142857	0.227678571	0.901962
rs2228226	GLI1, ARHGAP9	C/G	12q	G	0.303571429	0.299107143	0.901997
rs1064583	COL10A1, NT5DC1	C/T	06q	C	0.383928571	0.379464286	0.902198
rs12656368		C/T	05q	T	0.459821429	0.455357143	0.902222
rs2239819	TNR	G/T	01q	T	0.245535714	0.241071429	0.902236
rs213544	LOC151507	G/T	02q	T	0.102678571	0.099099099	0.902247
rs156631	PLA2G4C	C/T	19q	C	0.375	0.379464286	0.902402
rs6579767		C/T	05q	C	0.18018018	0.175675676	0.90248
rs540825	OPRM1	A/T	06q	T	0.223214286	0.21875	0.902783
rs4079448		A/C	05q	A	0.321428571	0.316964286	0.902859
rs715748	BDP1	A/G	05q	A	0.490990991	0.486363636	0.902902
rs11264743	CREB3L4	A/G	01q	A	0.292792793	0.297297297	0.903105
rs10936600	LRRC34	A/T	03q	T	0.223214286	0.227678571	0.903533
rs7947230		G/T	11p	G	0.183035714	0.178571429	0.903622
rs2523072	C7orf31	C/G	07p	C	0.395454545	0.401785714	0.903654
rs8063634		C/T	16q	T	0.330188679	0.337962963	0.903707

rs2731073	OR8S1	A/G	12q	A	0.121621622	0.125	0.904008
rs3758526	NOC3L	A/C	10q	C	0.122727273	0.120535714	0.904015
rs3817405	PLXDC2	C/T	10p	C	0.294642857	0.299107143	0.904493
rs911277	LOC400796	C/T	01q	C	0.473214286	0.46875	0.904627
rs6429757	AGMAT	C/G	01p	C	0.438679245	0.444444444	0.904695
rs2512228		A/G	11q	A	0.477477477	0.472727273	0.904933
rs3733414	FAT	A/C	04q	A	0.325892857	0.330275229	0.905056
rs11863236	ABCC11	G/T	16q	T	0.094594595	0.098214286	0.905168
rs1233387	OR2H2	A/G	06p	G	0.242990654	0.247747748	0.905317
rs11260887		A/G	01p	A	0.361607143	0.364864865	0.905414
rs299290	HMMR	C/T	05q	C	0.288288288	0.28125	0.905514
rs948060	MGC34821	C/G	11q	C	0.151785714	0.147321429	0.905529
rs12314438	EFCAB4B	A/G	12p	A	0.111607143	0.116071429	0.905597
rs7724239		A/T	05q	A	0.357142857	0.352678571	0.905603
rs1129659	C20orf58	A/C	20q	C	0.357142857	0.352678571	0.906215
rs2076161	TTLL1	C/G	22q	C	0.151785714	0.15625	0.906313
rs318108		A/G	05q	A	0.15625	0.160714286	0.906363
rs1864346	OR6N1	C/T	01q	T	0.226804124	0.22	0.906471
rs641712	COL24A1	A/G	01p	A	0.318181818	0.313636364	0.906622
rs10889205	RLF	A/T	01p	T	0.224299065	0.228571429	0.906725
rs3820678	OR10R2	A/G	01q	A	0.196428571	0.193693694	0.906785
rs7874348	OLFML2A	A/G	09q	A	0.325892857	0.321428571	0.906791
rs11769443		C/T	07p	C	0.348484848	0.343373494	0.906811
rs3748338	RNASE4	A/T	14q	T	0.144144144	0.140909091	0.906831
rs7047181		C/G	09q	G	0.373873874	0.379464286	0.906904
rs3734311	IMPG1	C/G	06q	G	0.383928571	0.378378378	0.907106
rs321776	ANKRD55	C/T	05q	T	0.279279279	0.276785714	0.907197
rs11939575	FAT	C/T	04q	T	0.171171171	0.166666667	0.907477
rs6741892	GALM	A/T	02p	T	0.080357143	0.075892857	0.907977
rs1429410		G/T	02p	G	0.133928571	0.138392857	0.908159
rs2075084		G/T	07p	T	0.254464286	0.258928571	0.908296
rs4057750	OR8B4	A/G	11q	G	0.232142857	0.227678571	0.908325
rs6839940		C/G	04q	G	0.261261261	0.265765766	0.908365
rs3826861	OPA3	A/G	19q	G	0.396551724	0.403225807	0.908424
rs2302310	GPR103	C/T	04q	C	0.151785714	0.147321429	0.908511
rs971576		A/C	03p	A	0.388392857	0.383928571	0.908514
rs6580870	KRT7	A/G	12q	A	0.15625	0.160714286	0.908557

rs9807047	LOC731414	A/G	17q	G	0.147321429	0.151785714	0.908578
rs3733591	SLC2A9	A/G	04p	A	0.202702703	0.205357143	0.908652
rs10460587	TGOLN2	C/T	02p	C	0.428571429	0.435185185	0.908693
rs12427062	DHX37	C/T	12q	T	0.375	0.370535714	0.908778
rs5992495	TXNRD2	G/T	22q	G	0.1875	0.191964286	0.909071
rs2740349	GEMIN4	A/G	17p	G	0.138392857	0.133928571	0.909121
rs2074493	HLA-C	G/T	06p	G	0.252380952	0.252427184	0.909218
rs1021580	CDC20B	C/T	05q	C	0.151785714	0.147321429	0.909222
rs438034	CENPF	C/T	01q	T	0.464285714	0.46875	0.90927
rs818818	SLC22A14	C/T	03p	C	0.107142857	0.111607143	0.90932
rs3856145	LOC127602	A/C	01q	A	0.433035714	0.4375	0.909395
	ZNF138, LOC730295,						
rs6460195	LOC731265	A/G	07q	A	0.381818182	0.375	0.909404
rs7669418	KIAA0922	A/G	04q	G	0.306306306	0.313636364	0.909505
rs3746736	CSTL1	C/T	20p	T	0.491071429	0.495535714	0.909556
rs805657	SLK	A/G	10q	A	0.165178571	0.169642857	0.909577
rs380421		C/T	20q	T	0.40625	0.401785714	0.909661
rs1035834	FBXO36	G/T	02q	T	0.209090909	0.204545455	0.909904
rs10838092	OR51Q1	C/T	11p	T	0.387387387	0.392857143	0.910126
rs7099565	TRUB1	A/G	10q	G	0.5	0.494680851	0.910239
rs9967382	SERPINB10	C/T	18q	T	0.205357143	0.209821429	0.910522
rs743616	ARSA	C/G	22q	G	0.46875	0.463963964	0.910545
rs3746887	B3GALT5	C/T	21q	T	0.209821429	0.205357143	0.910974
rs7130838	DLG2	C/T	11q	C	0.160714286	0.15625	0.91109
rs7124081		A/C	11p	A	0.418918919	0.423423423	0.911162
rs2429485	PTCHD3	C/T	10p	T	0.290178571	0.285714286	0.911225
rs2822785		A/G	21q	A	0.434782609	0.430851064	0.911304
rs8077382	ST6GALNAC1	A/G	17q	G	0.13963964	0.143518519	0.911691
rs10801922	PTGFRN	A/G	01p	A	0.454954955	0.449541284	0.911756
rs7120079	OR4D11	C/T	11q	C	0.36036036	0.363207547	0.912057
rs11229413	OR5B3	A/G	11q	G	0.366071429	0.361607143	0.912062
rs2229742	NRIP1	C/G	21q	G	0.116071429	0.111607143	0.912206
rs2465811	PTPRB	C/T	12q	C	0.276785714	0.272321429	0.912466
rs241935		A/C	19q	A	0.198198198	0.200892857	0.91259
rs3751223	LOC341346	C/T	12p	T	0.055045872	0.053571429	0.912919
rs2045732	TDRD7	C/T	09q	T	0.486486487	0.491071429	0.913208
rs12674488	MCPH1	A/C	08p	A	0.1875	0.191964286	0.913275

rs494791	CCDC90B	A/C	11q	A	0.325892857	0.31981982	0.913348
rs6998760	PSKH2	A/C	08q	A	0.361607143	0.357142857	0.913357
rs7949789	LOC729173, LOC731408	A/T	11q	A	0.45	0.455357143	0.913399
rs3178175		A/T	05q	A	0.481818182	0.476851852	0.9136
rs9371114		A/C	06q	C	0.178571429	0.183035714	0.913612
rs2215955	AMPH	A/C	07p	A	0.285714286	0.290178571	0.913685
rs1062062	TBC1D8	A/G	02q	A	0.137614679	0.135514019	0.913847
rs927340	LOC401233	A/G	06p	A	0.205357143	0.200892857	0.913908
rs10896980		C/T	11q	C	0.410714286	0.414414414	0.913976
rs9495391	TXLNB	C/G	06q	G	0.37254902	0.378787879	0.913987
rs237422	C20orf196	A/G	20p	A	0.254464286	0.258928571	0.914023
rs6986845		G/T	08p	T	0.222727273	0.21875	0.914066
rs1165196	SLC17A1	C/T	06p	C	0.454954955	0.459459459	0.914305
rs871765		C/T	01q	C	0.272321429	0.276785714	0.914325
rs3803850		C/T	17p	C	0.256756757	0.252252252	0.914499
rs4525	F5	A/G	01q	G	0.303571429	0.299107143	0.914619
rs31517	LECT2	A/G	05q	A	0.36036036	0.364864865	0.914821
rs10828833	GPR158	A/G	10p	G	0.423423423	0.418181818	0.915269
rs3179023		C/T	12p	C	0.418181818	0.422727273	0.915406
rs3736919	LOC646871	C/T	13q	C	0.490825688	0.495535714	0.915436
rs3740640	FGF4	A/G	11q	G	0.116071429	0.111607143	0.915475
rs3198831	PSG6	C/G	19q	G	0.290178571	0.285714286	0.915508
rs948071		A/G	11q	G	0.274774775	0.279279279	0.91577
rs7156661	MED6	A/G	14q	G	0.151785714	0.15625	0.916177
rs323344	TEX15	A/C	08p	C	0.125	0.121621622	0.916464
rs2948386	RAB19	C/T	07q	C	0.276785714	0.28125	0.916682
rs2056899	CYP4A22, LOC654164	A/T	01p	A	0.388392857	0.382882883	0.916774
rs9520222		C/T	13q	T	0.234234234	0.241071429	0.916789
rs2306857	C3orf17	A/T	03q	A	0.254464286	0.258928571	0.916805
rs1801968	TOR1A	C/G	09q	C	0.138392857	0.144144144	0.916882
rs6670455		G/T	01q	G	0.218181818	0.222727273	0.916989
rs807534	KIAA0319	C/T	06p	C	0.144144144	0.148648649	0.916993
rs552888		C/T	01q	C	0.097222222	0.094594595	0.917239
rs8020323	C14orf143	A/G	14q	A	0.189189189	0.183035714	0.917332
rs3818717	RAI1	A/G	17p	A	0.441964286	0.446428571	0.917423
rs11057306	DDX55	A/G	12q	G	0.126126126	0.129464286	0.917475
rs2291627	EIF2AK4	G/T	15q	G	0.104545454	0.110091743	0.917548

rs2230678	SFRS4	A/G	01p	G	0.22972973	0.225225225	0.917595
rs3742321	STARD13	C/T	13q	C	0.209821429	0.214285714	0.917857
rs7527925	LOC127602	C/T	01q	C	0.459459459	0.463963964	0.918055
rs8105737	OR111	A/C	19p	A	0.325892857	0.330357143	0.918163
rs683369	SLC22A1	C/G	06q	G	0.181818182	0.186363636	0.918224
rs3125734	PLEKHK1	C/T	10q	T	0.370535714	0.375	0.91857
rs7558074	EIF5B	A/C	02q	A	0.436363636	0.432432432	0.918833
rs2242527	SALL2	C/G	14q	C	0.112612613	0.116071429	0.919053
rs11111817		A/G	12q	A	0.308035714	0.303571429	0.919226
rs10935070	TOPBP1	A/G	03q	G	0.36	0.363636364	0.919266
rs8077302	COX10	A/G	17p	G	0.495535714	0.5	0.919463
rs5764698	SMC1B	G/T	22q	T	0.477477478	0.473214286	0.920146
rs1453547	OR5A2	A/G	11q	A	0.313636364	0.308035714	0.920153
rs4357719	OR52E6	C/T	11p	C	0.36036036	0.357142857	0.920192
rs1042034	APOB	A/G	02p	G	0.234234234	0.227272727	0.920372
rs3738401	DISC1	A/G	01q	A	0.336363636	0.331818182	0.920679
rs1185193	SETX	A/C	09q	A	0.129464286	0.133928571	0.920761
rs10817858	C9orf97	G/T	09q	T	0.174107143	0.171171171	0.920926
rs13151	RNF149	C/G	02q	G	0.142156863	0.145631068	0.921033
rs7572392	LOC151174	A/C	02q	C	0.352678571	0.348214286	0.921294
rs524625	ANKRD5	A/G	20p	A	0.231818182	0.236607143	0.921312
rs2976189	SLC7A13	A/G	08q	A	0.13963964	0.142857143	0.921558
rs3013105	LRRRC38	C/T	01p	C	0.410714286	0.415178571	0.921644
rs2257167	IFNAR1	C/G	21q	C	0.179245283	0.185714286	0.922193
rs2675703	OPN4	C/T	10q	T	0.195	0.196969697	0.922356
rs195570	LOC650794	G/T	13q	G	0.178571429	0.175675676	0.92236
rs2257505	C5orf35	A/T	05q	T	0.258928571	0.263392857	0.922363
rs859398	TNR	A/G	01q	A	0.322727273	0.316964286	0.92256
rs3192723	MTRF1L	A/G	06q	A	0.15625	0.153153153	0.922659
rs7121276	OR9G1	G/T	11q	T	0.13963964	0.136363636	0.922894
rs2727103	DENND4A, LOC646358	A/T	15q	A	0.209821429	0.214285714	0.92295
rs871841	ARHGEF15	A/G	17p	G	0.495535714	0.5	0.923403
rs715747	BDP1	C/G	05q	C	0.144144144	0.147321429	0.923513
rs961098	ANKRD31	C/G	05q	G	0.205357143	0.200892857	0.923551
rs3748041	BDP1	A/G	05q	G	0.46875	0.464285714	0.923607
rs665522	KRT71	C/T	12q	T	0.227678571	0.232142857	0.92365
rs7410764		A/C	22q	C	0.422727273	0.426605505	0.924007

rs4077855		C/T	07p	C	0.325892857	0.330357143	0.924026
rs1880247		C/T	09q	T	0.142857143	0.147321429	0.924387
rs2074506	VAR52	A/C	06p	A	0.379464286	0.382882883	0.92439
rs10558	TMEM99	C/T	17q	C	0.174107143	0.169642857	0.924645
rs913588	JMJD2C	A/G	09p	G	0.495412844	0.5	0.92513
rs2340601	MOV10L1	A/G	22q	A	0.241071429	0.238738739	0.925337
rs11742049		C/T	05q	T	0.165178571	0.162162162	0.92543
rs450739	LOC642636	C/T	20p	C	0.45412844	0.457943925	0.925449
rs1462983	OR56B4	C/T	11p	T	0.433035714	0.428571429	0.925464
rs1402467	SULT1C4	C/G	02q	G	0.223214286	0.227272727	0.925695
rs3733708		C/T	05q	T	0.422727273	0.418918919	0.925722
rs2076530	BTNL2	A/G	06p	G	0.396396396	0.401785714	0.925738
rs6501878	QRICH2	A/G	17q	G	0.277777778	0.282828283	0.925819
rs957998	LOC133874	C/G	05q	G	0.486607143	0.491071429	0.925947
rs1052067	PMF1	A/G	01q	A	0.290178571	0.294642857	0.92606
rs11858113	CASC5	C/T	15q	C	0.378378378	0.372727273	0.926077
rs4807840	ACSBG2	C/T	19p	T	0.316964286	0.31981982	0.926343
rs2058447		C/T	07q	C	0.423423423	0.419642857	0.92676
rs7776426	C6orf191	A/C	06q	C	0.491071429	0.495495496	0.926898
rs10781634	KIAA0692	C/T	12q	T	0.396396396	0.391891892	0.9271
rs2640779	EXPH5	A/G	11q	A	0.212264151	0.215686274	0.927141
rs3088190	ART4	C/G	12p	C	0.09047619	0.089622641	0.927445
rs1057066	LRRC17, FBXL13	C/G	07q	C	0.103603604	0.101851852	0.927476
rs3750944	C11orf56	A/G	11p	G	0.463963964	0.468468469	0.927614
rs8010911	SYNE2	C/G	14q	G	0.144144144	0.147321429	0.92773
rs3744998	KIAA1632	A/G	18q	A	0.410714286	0.415178571	0.927744
rs1867699		A/C	19q	A	0.486486486	0.490990991	0.927963
rs3745009	SLC14A2	C/T	18q	T	0.464285714	0.459821429	0.928276
rs9932332		A/G	16q	G	0.212264151	0.208333333	0.928465
rs2820312	LMOD1	A/G	01q	A	0.288288288	0.292792793	0.928488
rs11246020	SIRT3	A/G	11p	A	0.234234234	0.232142857	0.928548
rs11664077		A/G	18q	G	0.218181818	0.223214286	0.928636
rs6679793	FCRL5	A/G	01q	A	0.242857143	0.238095238	0.92883
rs3177676	C1orf105	A/G	01q	G	0.177272727	0.174107143	0.929226
rs4889261	PKD1L2	A/G	16q	A	0.215789474	0.212121212	0.929373
rs4072393	TMC7	C/T	16p	C	0.397321429	0.392857143	0.929501
rs4242746	PITRM1	C/T	10p	T	0.299107143	0.303571429	0.929671



rs10141053	AHNAK2	C/T	14q	T	0.482142857	0.47706422	0.929677
rs7103810		A/G	11p	A	0.160714286	0.157657658	0.929693
rs3176975	APOH	G/T	17q	T	0.21875	0.21559633	0.929716
rs1580298		C/G	15q	C	0.357142857	0.352678571	0.929826
rs12421329	NDUFV1, C11orf72	G/T	11q	T	0.368181818	0.370535714	0.930096
rs2303345	TTLL5	C/T	14q	C	0.363636364	0.362385321	0.930361
rs10876706		A/C	12q	A	0.310810811	0.308035714	0.930444
rs10782008	KIAA1618	A/G	17q	G	0.372727273	0.369369369	0.930446
rs4843074	AKAP13	C/G	15q	C	0.339285714	0.342342342	0.930958
rs1003645	CCL23	A/G	17q	G	0.229591837	0.225	0.93101
rs4917	AHSG	C/T	03q	T	0.278947368	0.289156627	0.931149
rs2160501	C12orf55	A/G	12q	G	0.486111111	0.481818182	0.931421
rs655803		A/C	01p	C	0.495535714	0.491071429	0.93149
rs4758168	OR52E4	A/G	11p	G	0.241071429	0.243243243	0.931643
rs2228212	HIVEP1	C/G	06p	G	0.34375	0.346846847	0.931821
rs7813	GEMIN4	C/T	17p	C	0.410714286	0.40625	0.931942
rs910925	GEMIN4	C/G	17p	C	0.410714286	0.40625	0.931942
rs6601136		A/G	05q	A	0.193693694	0.191964286	0.932135
rs9382658	DST	A/G	06p	A	0.441964286	0.4375	0.932293
rs11896016	COLEC11	C/T	02p	T	0.26146789	0.263636364	0.932338
rs415793	BAZ2B	A/G	02q	A	0.209821429	0.205357143	0.93249
rs9518825	FLJ40176, LOC643677	C/T	13q	T	0.138392857	0.136363636	0.932668
rs2069569	TG	C/T	08q	T	0.388392857	0.392857143	0.93281
rs356969		C/G	06p	G	0.294642857	0.297297297	0.93284
rs782572	PNPT1	C/T	02p	C	0.5	0.495495495	0.933321
rs6702823	C1orf71	C/T	01q	T	0.102678571	0.105504587	0.933342
rs2157453		A/G	01q	A	0.232142857	0.22972973	0.933343
rs1019747	ADAMTS16	C/T	05p	C	0.351351351	0.357142857	0.93365
rs10832747	hCG_1992539	G/T	11p	G	0.353932584	0.353932584	0.933655
rs6459166	DST	C/G	06p	G	0.463963964	0.459821429	0.93384
rs2373396	MGC26647, ZNF804B	C/G	07q	C	0.120535714	0.116071429	0.933912
rs3760848	ZNF667	A/G	19q	G	0.191964286	0.189189189	0.934003
rs11713004		A/G	03q	A	0.388392857	0.392857143	0.934049
rs1009668	TMEM63A	A/G	01q	A	0.122727273	0.120535714	0.934444
rs1003995	RTP4	A/C	03q	A	0.333333333	0.328828829	0.934549
rs2302188	CEACAM21	A/G	19q	A	0.223214286	0.225225225	0.934653
rs6427504	ATP1A4	A/G	01q	G	0.285714286	0.288990826	0.934864

rs2303064	SPINK5	A/G	05q	A	0.135135135	0.133928571	0.934935
rs4452075	ZNF527	A/G	19q	G	0.194444444	0.195454546	0.935194
rs2981546	HEG1	C/T	03q	T	0.4375	0.441964286	0.935251
rs627928	RNASEL	G/T	01q	T	0.47826087	0.474226804	0.93539
rs6673851		C/T	01p	T	0.351351351	0.354545455	0.935473
rs10283100	ENPP2	A/G	08q	A	0.054545454	0.053571429	0.935724
rs2242665	SLC44A4	A/G	06p	G	0.410714286	0.415178571	0.935926
rs9353689	MDN1	A/C	06q	A	0.495535714	0.491071429	0.935994
rs1800450	MBL2	A/G	10q	A	0.146788991	0.15	0.936001
rs5400	SLC2A2	C/T	03q	T	0.138392857	0.136363636	0.93654
rs11171280		A/C	12q	A	0.303571429	0.308035714	0.936565
rs3859494	ZNF813	A/G	19q	G	0.098214286	0.1	0.936678
rs2452524	ATP8B4	G/T	15q	G	0.303571429	0.309090909	0.936686
rs4758443	DCHS1	A/G	11p	A	0.355855856	0.352678571	0.936784
rs1837950	LOC729184	A/G	10q	A	0.294642857	0.299107143	0.936908
rs10838095	OR51Q1	A/G	11p	A	0.383928571	0.387387387	0.937113
rs1801280	NAT2	C/T	08p	T	0.486238532	0.490909091	0.93728
rs9947055	C18orf26	A/C	18q	A	0.450892857	0.445945946	0.937317
rs7736962		A/C	05q	C	0.178571429	0.175675676	0.937562
rs3810110	SIGLEC12	A/G	19q	G	0.359813084	0.365740741	0.937753
rs10742809	OR52E6	A/C	11p	C	0.339285714	0.336363636	0.937766
rs1671064	ACTN3	C/T	11q	C	0.46875	0.464285714	0.938018
rs9364382	C6orf54	C/G	06q	C	0.387387387	0.383928571	0.938618
rs3812475	TRMT12	C/T	08q	T	0.495535714	0.5	0.93907
rs1999663	C20orf114	C/G	20q	C	0.459821429	0.464285714	0.939724
rs3951216	LY75	C/G	02q	C	0.489795918	0.485	0.93989
rs2061824	AKAP13	C/T	15q	C	0.339285714	0.342342342	0.940037
rs3828054	TUFT1	C/T	01q	C	0.130630631	0.127272727	0.940079
rs11978101	SDK1	A/G	07p	A	0.314285714	0.311320755	0.940191
rs4950355		C/T	01q	T	0.292792793	0.299065421	0.940265
rs540874	ACTN3, CTSF	C/T	11q	T	0.468468469	0.464285714	0.940553
rs1264303	VARS2	C/T	06p	C	0.381818182	0.383928571	0.940558
rs1053807	LOC339778	A/G	02p	A	0.464285714	0.46875	0.940591
rs4299811	LOC442227	C/T	06q	C	0.443396226	0.444954128	0.940673
rs618838	ACTN3	C/T	11q	T	0.468468469	0.464285714	0.94081
rs10511208		A/T	03q	T	0.333333333	0.328828829	0.940884
rs9639393	DNAH11	A/G	07p	A	0.40625	0.410714286	0.940906

rs1372000	C13orf24	C/T	13q	C	0.252293578	0.252293578	0.941013
rs10839658	OR2D3	A/C	11p	C	0.357142857	0.36036036	0.941185
rs7519753		C/T	01q	C	0.254464286	0.258928571	0.941306
rs11202902	ACTA2	A/T	10q	T	0.138392857	0.140909091	0.941464
rs2073154	OR12D2	C/G	06p	C	0.423423423	0.428571429	0.941625
rs375947	IL12RB1	A/G	19p	G	0.333333333	0.334821429	0.941911
rs3754274	DNASE2B	C/T	01p	T	0.286363636	0.292792793	0.94196
rs1043886	CARS2	A/C	13q	C	0.122727273	0.125	0.942126
rs566655	LAMA1	A/C	18p	C	0.247747748	0.247747748	0.942533
rs7527462		C/G	01q	G	0.232142857	0.22972973	0.942882
rs1544624		C/G	02p	G	0.366071429	0.361607143	0.942899
rs10417536	LOC729966	C/G	19p	C	0.325892857	0.328828829	0.942953
rs668556	MACF1	C/G	01p	C	0.423423423	0.419642857	0.943128
rs11229411	OR5B3	C/T	11q	T	0.366071429	0.363636364	0.943188
rs578208	CEP192	C/T	18p	T	0.360824742	0.366666667	0.943371
rs9488270		A/G	06q	A	0.104545454	0.108108108	0.943406
rs7430363		A/C	03p	C	0.198113208	0.195652174	0.943781
rs11167600		C/G	05q	G	0.424107143	0.428571429	0.944073
rs721005	CRISPLD2	C/G	16q	G	0.359090909	0.364864865	0.944658
rs1873379	C15orf39	C/G	15q	G	0.254545455	0.256756757	0.945027
rs2794763	HEATR1	A/G	01q	A	0.400900901	0.401785714	0.945307
rs227368	MANBA	A/G	04q	A	0.495535714	0.495535714	0.945418
rs7598922	DHX57	C/T	02p	T	0.328828829	0.333333333	0.94543
rs3928777	KIAA0649	A/G	09q	G	0.209090909	0.205357143	0.945838
rs550604		A/G	15q	A	0.283783784	0.288288288	0.946083
rs6703267	C1orf162	A/G	01p	A	0.238738739	0.23853211	0.946127
rs1863473		G/T	18q	T	0.09375	0.094594595	0.946147
rs4392912	LOC730783	A/G	08q	G	0.395454546	0.400900901	0.946271
rs2619844	KIAA0947	C/G	05p	G	0.310810811	0.306306306	0.946424
rs4844573	C4BPA	C/T	01q	C	0.352678571	0.355855856	0.946717
rs3748361	RPGRIP1	C/G	14q	C	0.396396396	0.392857143	0.946804
rs1358577		A/G	01p	G	0.348214286	0.34375	0.946987
rs4786026		A/G	16p	A	0.486607143	0.482142857	0.946996
rs4712138	DST	C/T	06p	C	0.418918919	0.415178571	0.947233
rs11965538	ZNF187	A/G	06p	A	0.136363636	0.139423077	0.947314
rs2240804	DPCR1	C/T	06p	T	0.366071429	0.361607143	0.947386
rs3887954	KRT3	C/G	12q	G	0.34375	0.339285714	0.947706

rs6505882		C/G	18p	C	0.272727273	0.271028037	0.947714
rs1875845	LCA5	C/T	06q	T	0.3125	0.318181818	0.947764
rs2231142	ABCG2	A/C	04q	A	0.107142857	0.108108108	0.948395
rs2760118	ALDH5A1	A/G	06p	A	0.308035714	0.310810811	0.948406
rs1539172	C9orf93	A/G	09p	G	0.473214286	0.46875	0.948614
rs3747965	DNTTIP2	G/T	01p	T	0.357142857	0.361607143	0.948796
rs11553061		C/T	18q	C	0.223214286	0.227272727	0.94896
rs7157685	MED6	A/G	14q	A	0.15	0.153153153	0.948963
rs3746319	ZNF224	C/T	19q	T	0.162162162	0.165178571	0.949017
rs888930	SHD	A/G	19p	G	0.369369369	0.370535714	0.949084
rs1611209		A/G	06p	G	0.3125	0.315315315	0.949319
rs2326106	DKFZp686l15217	G/T	06p	T	0.236363636	0.237864078	0.94969
rs3813853	RBM12B	A/G	08q	A	0.330357143	0.333333333	0.949745
rs2526247	SLC27A6	G/T	05q	G	0.409090909	0.412037037	0.950196
rs1532977	LOC727857	A/C	17p	C	0.159090909	0.162162162	0.950587
rs2277119	CYP39A1	A/G	06p	A	0.281914894	0.284090909	0.950758
rs10733133	NID1	C/T	01q	T	0.38317757	0.388888889	0.950765
rs3733890	BHMT	A/G	05q	A	0.31981982	0.324324324	0.950818
rs5215	KCNJ11	C/T	11p	C	0.375	0.370535714	0.95104
rs10910879	LOC646804	A/C	01q	C	0.154545455	0.15625	0.951397
rs490262	CEP164	A/G	11q	A	0.185714286	0.189814815	0.951444
rs2839202	C21orf57	A/T	21q	A	0.276785714	0.279279279	0.95167
rs2966952	MTRR, FASTKD3	C/T	05p	T	0.196428571	0.193693694	0.952198
rs10828395	ARMC3	A/G	10p	A	0.207207207	0.205357143	0.952601
rs3764022	CLEC2D	C/G	12p	C	0.308035714	0.310810811	0.952729
rs9449444	IBTK	A/G	06q	A	0.225225225	0.223214286	0.95274
rs4380004		C/T	14q	T	0.209821429	0.207207207	0.952919
rs953767	C6orf97	A/G	06q	A	0.114678899	0.117117117	0.95325
rs7116499	LOC643753	A/G	11p	A	0.441441441	0.436936937	0.953275
rs2452600	PDLIM5	C/T	04q	T	0.339285714	0.334821429	0.953462
rs2279854	PTPLAD1, LOC732402	A/C	15q	C	0.053571429	0.054054054	0.953516
rs6519550	CTA-221G9.4	C/G	22q	C	0.122727273	0.120535714	0.953562
rs1048943	CYP1A1	A/G	15q	G	0.053571429	0.054054054	0.953634
rs499033	OR10V1	A/G	11q	A	0.094594595	0.09375	0.953886
rs10750898		A/G	11q	A	0.368181818	0.366071429	0.953893
rs11535853	TG	C/T	08q	T	0.344036697	0.345794393	0.954024
rs1243647	RNASE9	C/T	14q	T	0.186915888	0.183486239	0.954056

rs2480345	GPR158	C/G	10p	G	0.292792793	0.290178571	0.954107
rs1042577	GAL	A/G	11q	A	0.336363636	0.331818182	0.954283
rs1488690	SPATA22	C/T	17p	T	0.186363636	0.183035714	0.95437
rs257223		C/T	05q	T	0.421296296	0.422727273	0.954489
rs9400289	FLJ42177	A/G	06q	G	0.302752294	0.303738318	0.954756
rs2806639	FRY	A/G	13q	A	0.308035714	0.310810811	0.954921
rs3844144		C/T	11q	T	0.14953271	0.148648649	0.955291
rs9710059		A/G	18q	G	0.053571429	0.054054054	0.955338
rs7930678	OR5R1	A/G	11q	G	0.258928571	0.256756757	0.955402
rs570218	C1orf175	A/G	01p	A	0.207207207	0.209821429	0.955834
rs564533	ECAT1	C/G	06q	G	0.111607143	0.112612613	0.95601
rs2586514	SLFN12	A/G	17q	A	0.415178571	0.417431193	0.95645
rs1863968	ADAMTS16	C/T	05p	T	0.352678571	0.357142857	0.956832
rs2291343	CDH7	A/G	18q	A	0.310810811	0.306306306	0.957351
rs4703706		C/G	05q	G	0.207207207	0.204545455	0.957831
rs3739406	FGL1	A/G	08p	A	0.383495146	0.383838384	0.957875
rs306634	LOC645320	A/G	12p	A	0.292792793	0.290178571	0.958025
rs3739524	PRUNE2	G/T	09q	G	0.168181818	0.166666667	0.958271
rs6767237	ECE2, CAMK2N2	A/G	03q	G	0.144144144	0.144144144	0.958486
rs1043424	DDOST, PINK1	A/C	01p	C	0.261261261	0.259090909	0.958696
rs2458		A/G	08q	A	0.245535714	0.243243243	0.958843
rs2956114	PDHX, APIP	C/T	11p	T	0.352380952	0.349056604	0.958906
rs3177429		A/G	14q	A	0.089285714	0.089285714	0.958945
rs10911583		A/G	01q	A	0.354545454	0.352678571	0.959111
rs11248871		A/C	16p	A	0.09009009	0.090909091	0.95951
rs4079449		G/T	05q	T	0.321428571	0.31981982	0.959551
rs570475		C/G	06p	C	0.475961538	0.473958333	0.959859
rs2072575	COPG2	A/G	07q	G	0.481818182	0.477477478	0.960687
rs6330	NGFB	C/T	01p	T	0.409090909	0.405405405	0.961135
rs11594560	DOCK1, FLJ45557	A/G	10q	A	0.252252252	0.254464286	0.961162
rs12303082	LOC121006	G/T	12q	T	0.3125	0.315315315	0.961268
rs2286963	ACADL	G/T	02q	G	0.321428571	0.324324324	0.961466
rs12236756		C/G	09q	C	0.345454545	0.342342342	0.961508
rs6753459	MGC13057	C/T	02q	T	0.214285714	0.216216216	0.961946
rs741158	LOC339766	G/T	02q	T	0.202702703	0.205357143	0.962065
rs1056892	CBR3	A/G	21q	A	0.383928571	0.387387387	0.962096
rs7409712		C/G	20q	C	0.146788991	0.144859813	0.962111

rs436278	KIAA1609	C/G	16q	C	0.446428571	0.445454545	0.962338
rs3760413	EME1	G/T	17q	T	0.102678571	0.103603604	0.962554
rs3927459	CR1L	G/T	01q	T	0.428571429	0.428571429	0.962578
rs1288775	GATM	A/T	15q	A	0.28125	0.279279279	0.962597
rs7869523	ROD1	C/T	09q	T	0.458715596	0.462616822	0.962606
rs3729961		C/G	05q	G	0.125	0.121621622	0.962644
rs1236913	PTGS1	C/T	09q	T	0.058035714	0.058035714	0.96266
rs4510923		C/T	09q	T	0.372727273	0.375	0.962787
rs1131857	CPOX	A/C	03q	C	0.129464286	0.130630631	0.963194
rs3810971	MOV10L1	C/T	22q	T	0.236607143	0.236607143	0.963803
rs2297809	CYP4B1	A/G	01p	A	0.142857143	0.144144144	0.964013
rs6451173	FLJ25439	A/G	05p	A	0.468181818	0.46875	0.964164
rs1034268	ZMYND12	A/G	01p	A	0.305	0.315	0.964167
rs27241	ZNF434	C/G	16p	G	0.258928571	0.258928571	0.964201
rs10769224	OR52N1	C/T	11p	T	0.303571429	0.301801802	0.964251
rs6976043	LOC730441	A/G	07q	A	0.107142857	0.107142857	0.964486
rs6976813	LOC730441	A/C	07q	A	0.107142857	0.107142857	0.964486
rs11016071	MKI67	A/G	10q	G	0.169642857	0.166666667	0.964942
rs3177051		C/T	20p	C	0.267857143	0.267857143	0.965357
rs1805098	HNF4G	A/G	08q	G	0.441441441	0.446428571	0.965464
rs1663564	KIAA1033	C/T	12q	C	0.094594595	0.09375	0.965566
rs4747096	ADAMTS14	A/G	10q	G	0.153153153	0.154545455	0.965774
rs652633	ANKRD5	A/T	20p	A	0.245535714	0.247747748	0.965783
rs425876	PRPH2	C/T	06p	C	0.111607143	0.111607143	0.965819
rs7212483	KRT20	C/T	17q	T	0.080357143	0.081081081	0.96597
rs3758938	TBX10	G/T	11q	G	0.303571429	0.304545454	0.966141
rs11045689	LST-3TM12	A/G	12p	G	0.3125	0.315315315	0.966192
rs2416195	FER	A/T	05q	T	0.266055046	0.268867925	0.966539
rs9405485		A/G	06p	A	0.464285714	0.463963964	0.966576
rs1524616		A/G	07q	G	0.444954128	0.441441441	0.966796
rs2301523	MIAT	A/G	22q	A	0.163636364	0.165178571	0.967459
rs1801275	IL4R	A/G	16p	G	0.214285714	0.214285714	0.967465
rs4524	F5	A/G	01q	G	0.3	0.299107143	0.967502
rs7483122	OR51B6	C/T	11p	C	0.261261261	0.258928571	0.967717
rs4988398	BIK	A/G	22q	A	0.136363636	0.135135135	0.967777
rs3809611	CCDC135	A/G	16q	A	0.188118812	0.188679245	0.967873
rs2918299		A/G	19p	A	0.166666667	0.165178571	0.96805

rs2272955	WFDC8	A/G	20q	G	0.0625	0.0625	0.968539
rs197922	GOSR2	A/G	17q	A	0.3125	0.310810811	0.969537
rs11042023		C/T	11p	T	0.37037037	0.369369369	0.969591
rs7988661	LMO7	A/C	13q	A	0.080357143	0.081081081	0.969592
rs2238837	RABL2B, MGC70863	A/C	22q	C	0.392857143	0.391891892	0.969805
rs11024357	OTOG	C/G	11p	C	0.209821429	0.2117111712	0.970035
rs4730283	LAMB1	C/T	07q	T	0.392857143	0.391891892	0.970127
rs7001845		A/C	08p	A	0.222727273	0.223214286	0.970233
rs1320308	S100Z	G/T	05q	T	0.318181818	0.316964286	0.970577
rs2277849	ADAMTSL3	C/T	15q	T	0.297297297	0.299107143	0.97062
rs1738023	AKR7A3	A/G	01p	A	0.13963964	0.142857143	0.970622
rs948615	ZNF407	G/T	18q	G	0.138392857	0.138392857	0.970742
rs7765781	LPA	C/G	06q	C	0.352678571	0.353211009	0.970764
rs12623569	SPAG16	A/C	02q	C	0.303571429	0.303571429	0.970982
rs3858340	BAG3	C/T	10q	T	0.075892857	0.076576577	0.971008
rs6032606	ZNF335	C/G	20q	C	0.075892857	0.077272727	0.971774
rs889248	RGS7BP	C/T	05q	T	0.13963964	0.138392857	0.971809
rs4082155	SETD2	A/G	03p	G	0.464285714	0.464285714	0.97192
rs504593	PRSS35	C/T	06q	C	0.111607143	0.111607143	0.9721
rs10949946	ZNF138, LOC730295, LOC731265	A/G	07q	A	0.46875	0.46875	0.972174
rs2344828		A/G	11p	A	0.325892857	0.325892857	0.972185
rs6508750	WDR87	C/T	19q	T	0.441441441	0.4375	0.972348
rs2020870	FMO2	A/G	01q	G	0.058558559	0.058035714	0.973198
rs11618506	FLJ32682	A/G	13q	G	0.081081081	0.080357143	0.973263
rs11210969	KLF17	A/T	01p	A	0.258928571	0.261261261	0.973333
rs820142		C/T	17q	C	0.482142857	0.481981982	0.973487
rs3735478	ZMIZ2	G/T	07p	T	0.261261261	0.258928571	0.97349
rs1801692	APOH	A/G	17q	A	0.053571429	0.053571429	0.973607
rs6698109	C1orf26	A/G	01q	G	0.361111111	0.359813084	0.973787
rs11715636	TGM4	C/G	03p	C	0.107142857	0.107142857	0.973893
rs8087221		C/T	18q	T	0.144144144	0.144144144	0.974057
rs624786		A/C	11q	C	0.482142857	0.481981982	0.974365
rs10759326		G/T	09q	G	0.174107143	0.174107143	0.974489
rs10979601	IKBKAP	C/T	09q	T	0.174107143	0.174107143	0.974489
rs4747194	CDH23	A/G	10q	A	0.259259259	0.26146789	0.974656
rs10794324	TMEM16J	C/T	11p	T	0.209821429	0.209821429	0.974876

rs857705	OR6K3	C/T	01q	T	0.234234234	0.232142857	0.974933
rs9459350	C6orf118	C/G	06q	G	0.084821429	0.084821429	0.975149
rs4670779	LOC344382	C/T	02p	T	0.299107143	0.299107143	0.975285
rs1046934	C1orf19	A/C	01q	C	0.288288288	0.291666667	0.975369
rs10509305	STOX1	A/C	10q	C	0.184684685	0.183035714	0.975689
rs137794	EFCAB6	A/G	22q	A	0.112612613	0.111607143	0.975784
rs9534264	ZC3H13	A/T	13q	T	0.28440367	0.284313726	0.975831
rs12586792		C/T	14q	C	0.214285714	0.216216216	0.975948
rs1530144	NDUFA10	A/G	02q	A	0.396396396	0.392857143	0.976047
rs3811506		A/G	01p	G	0.133928571	0.135514019	0.97615
rs2276102	TMEM135	C/T	11q	C	0.285714286	0.285714286	0.976396
rs671539	CDCP2	A/G	01p	G	0.147321429	0.147321429	0.976725
rs3129168		G/T	06p	T	0.348214286	0.348214286	0.97673
rs2070959		A/G	02q	G	0.080357143	0.081081081	0.976743
rs9350797	PHIP	A/G	06q	G	0.327272727	0.321428571	0.976839
rs12595504	NUT	A/G	15q	G	0.111607143	0.111607143	0.976944
rs1043673	NLRP2	A/C	19q	A	0.378378378	0.378378378	0.977042
rs237597	LOC729549	A/G	10p	A	0.151785714	0.153153153	0.97731
rs11070619		C/T	15q	T	0.066964286	0.066964286	0.977959
rs3116819		C/T	06p	C	0.345454545	0.345454545	0.978104
rs1136410	PARP1	C/T	01q	C	0.174107143	0.174107143	0.978116
rs2254174	C10orf27	C/T	10q	C	0.111607143	0.112612613	0.978339
rs1801274	FCGR2A	C/T	01q	C	0.495495495	0.495535714	0.978859
rs1494558	IL7R	A/G	05p	A	0.340909091	0.337837838	0.979164
rs2285738	C7orf31	A/G	07p	A	0.317757009	0.316037736	0.979171
rs1042636	CASR	A/G	03q	G	0.080357143	0.080357143	0.979349
rs9921412	PKD1L3	C/T	16q	C	0.25	0.25	0.979509
rs7094610	LRRC18	A/C	10q	A	0.314814815	0.314814815	0.979511
rs7516332	INADL	A/G	01p	G	0.473214286	0.473214286	0.979537
rs591752		A/G	01q	A	0.165178571	0.165178571	0.979546
rs3739451	SVEP1	A/T	09q	A	0.18018018	0.183035714	0.979827
rs6050249	ACSS1	C/T	20p	T	0.178571429	0.177272727	0.97984
rs3751112	RAB17	A/G	02q	G	0.165178571	0.165178571	0.980035
rs757110	ABCC8	G/T	11p	G	0.369369369	0.364864865	0.980055
rs12437206	C14orf143	C/T	14q	T	0.1875	0.184684685	0.980185
rs10511687	KIAA1797	A/G	09p	G	0.357142857	0.357142857	0.980218
rs7782956	tcag7.1093	A/G	07p	G	0.200892857	0.200892857	0.980313



rs160632	RIOK2	A/G	05q	G	0.419642857	0.419642857	0.980533
rs30842	GOT2	G/T	16q	T	0.313636364	0.3125	0.980694
rs778986	FUT3	A/G	19p	A	0.196428571	0.196428571	0.980873
rs10749920	EXPH5	A/G	11q	G	0.178571429	0.178571429	0.980974
rs4077930	C3orf30	C/T	03q	T	0.165178571	0.165178571	0.981053
rs1185246	MARVELD2	C/T	05q	T	0.436363636	0.436936937	0.981168
rs10489990	CD207	A/G	02p	A	0.34375	0.34375	0.981188
rs10925085	OR2G2	C/T	01q	C	0.410714286	0.40990991	0.981277
rs2307279	PLA2G4C	C/G	19q	C	0.0625	0.063063063	0.981488
rs1809933	ZDHHC11B	A/G	05p	G	0.3	0.299107143	0.981682
rs741006	MAP2	C/T	02q	T	0.071428571	0.071428571	0.981743
rs11908093	TMC2	A/G	20p	G	0.102678571	0.102678571	0.981887
rs6745497		C/T	02p	T	0.116071429	0.116071429	0.982238
rs4792311	ELAC2	A/G	17p	A	0.37244898	0.37244898	0.98229
rs1657907	C18orf54	C/G	18q	C	0.067567568	0.067567568	0.982795
rs8080100	HELZ	C/T	17q	T	0.244791667	0.247252747	0.982815
rs9866564	NAALADL2	C/G	03q	C	0.22972973	0.22972973	0.982998
rs1052500	LOC130355	A/G	02q	A	0.397321429	0.397321429	0.98316
rs433640		C/T	11q	C	0.133928571	0.133928571	0.983194
rs1815739	ACTN3	C/T	11q	T	0.463963964	0.464285714	0.983226
rs3122713	FAM71A	A/G	01q	A	0.15	0.148648649	0.983432
rs3107275	PHACS	C/T	11p	T	0.419642857	0.419642857	0.983514
rs8480	MRPL9	A/C	01q	C	0.468181818	0.46875	0.983599
rs11229410	OR5B3	C/T	11q	C	0.363636364	0.363636364	0.983688
rs3740955	RAG1	A/G	11p	G	0.328431373	0.328431373	0.983842
rs3822346		A/G	05q	G	0.427927928	0.428571429	0.984124
rs3179249		C/T	06p	T	0.443925234	0.445454546	0.984172
rs2142661	RIBC2	C/T	22q	T	0.165178571	0.165178571	0.984295
rs11157869	GNG2	G/T	14q	T	0.0625	0.063063063	0.984332
rs7092182	tAKR	A/G	10p	G	0.071428571	0.071428571	0.984499
rs2180314	GSTA2	C/G	06p	C	0.445945946	0.445454545	0.984595
rs3134614	MYCL1	C/G	01p	C	0.125	0.126126126	0.984602
rs877350		C/T	08q	C	0.075892857	0.075892857	0.984849
rs3796504	SLAMF1	G/T	01q	T	0.129464286	0.129464286	0.984852
rs4255378		A/T	01q	A	0.46875	0.46875	0.984899
rs1657125		G/T	16p	G	0.129464286	0.129464286	0.984913
rs3764421	ATAD5	A/C	17q	C	0.112612613	0.112612613	0.985006

rs1048621	SDCBP2	C/T	20p	T	0.276785714	0.276785714	0.985343
rs2031640	SACS	A/T	13q	T	0.137614679	0.136792453	0.985467
rs9617066	MOV10L1	A/T	22q	T	0.236607143	0.238738739	0.985506
rs12419602	OR52E8	A/T	11p	A	0.36036036	0.361607143	0.985728
rs8207	PPIG	A/G	02q	G	0.294642857	0.294642857	0.985738
rs924326	FLJ46688	A/G	12q	G	0.494791667	0.494791667	0.985999
rs647224	RGSL2	C/G	01q	C	0.066964286	0.066964286	0.986067
rs3095150	LOC646570	A/G	06p	G	0.383928571	0.386363636	0.986137
rs6503235	WDR16	A/G	17p	G	0.258928571	0.258928571	0.986504
rs10950951		C/T	07p	T	0.236607143	0.236607143	0.986617
rs11836060	C12orf64	A/G	12q	A	0.169642857	0.169642857	0.986651
rs537786		A/G	11q	G	0.440909091	0.441964286	0.986661
rs2230283	GALNT4, WDR51B	A/G	12q	A	0.31981982	0.321100917	0.98667
rs872665	SVEP1	C/T	09q	T	0.254901961	0.254716981	0.986754
rs10869869	LOC645225	C/T	09q	C	0.459821429	0.459821429	0.986866
rs1131262	RYK	A/G	03q	A	0.28125	0.281914894	0.98697
rs6883562	LOC134121	C/G	05p	G	0.236607143	0.236607143	0.987051
rs7555330		A/G	01p	G	0.495495496	0.495412844	0.987141
rs2306393	MDM1	C/T	12q	C	0.299107143	0.299107143	0.98728
rs1052053	PMF1	A/G	01q	G	0.397321429	0.397321429	0.987495
rs1021737	CTH	G/T	01p	T	0.308035714	0.308035714	0.987727
rs8113504	FLJ16287	C/T	19q	C	0.123853211	0.125	0.987766
rs6125	SELP	A/G	01q	A	0.075892857	0.075892857	0.987817
rs6017667	SPINT4	A/G	20q	A	0.405405405	0.405405405	0.987888
rs1127470	C6orf85	A/T	06p	T	0.072072072	0.072072072	0.988054
rs2301366	SEMG1	A/T	20q	A	0.225225225	0.224299065	0.98825
rs3132580	DPCR1	C/T	06p	T	0.107142857	0.107142857	0.988313
rs6591561	MS4A4A	A/G	11q	G	0.304545455	0.304545455	0.988457
rs4911290	C20orf185	A/G	20q	A	0.348214286	0.346846847	0.988468
rs6438869	HEG1	A/G	03q	A	0.324324324	0.325892857	0.988908
rs11196389	NRAP	A/G	10q	G	0.135135135	0.135135135	0.989062
rs12535348	C7orf31	C/T	07p	T	0.5	0.5	0.989139
rs934945	PER2	A/G	02q	A	0.207207207	0.205357143	0.989423
rs2241880	ATG16L1	C/T	02q	T	0.482142857	0.482142857	0.989432
rs2258983	SIGLEC9	A/C	19q	C	0.419642857	0.418918919	0.989713
rs11791889		A/G	09p	A	0.382882883	0.383928571	0.989718
rs1999240	MYO3A	A/C	10p	C	0.446428571	0.445945946	0.989728

rs7296291	LOC121006, LOC643275	A/G	12q	G	0.310810811	0.310810811	0.989771
rs3810161	LOC388503	A/G	19p	A	0.234042553	0.237373737	0.989979
rs11790644		A/C	09q	C	0.351351351	0.351851852	0.990071
rs1052030	MYO7A	C/T	11q	C	0.381818182	0.381818182	0.990126
rs2736911	ARMS2	C/T	10q	T	0.171568628	0.172897196	0.990199
rs329003	PPP4R1	A/G	18p	G	0.107142857	0.107142857	0.990212
rs12449580	AIPL1	C/G	17p	G	0.205357143	0.205357143	0.990328
rs1453542	OR4D6	C/G	11q	G	0.357142857	0.357142857	0.990372
rs1522983	LOC253820	G/T	03q	T	0.071428571	0.070093458	0.990565
rs2070862	SERPINF2	C/T	17p	T	0.205357143	0.205357143	0.990617
rs9674961	RNF213	A/G	17q	G	0.34375	0.34375	0.990638
rs3765148	DHDH	C/T	19q	T	0.084821429	0.084821429	0.990651
rs2250718	EML1	A/G	14q	A	0.382882883	0.382882883	0.991026
rs9267522	BAT2	A/G	06p	G	0.189189189	0.189189189	0.991031
rs6918	CEECAM1	A/C	09q	C	0.198198198	0.198198198	0.991249
rs7406910	HOXB7, HOXB8	C/T	17q	T	0.098214286	0.098214286	0.991282
rs7098592		A/C	10q	A	0.366071429	0.364864865	0.99129
rs4382729	C1orf140	A/G	01q	A	0.169642857	0.169642857	0.991318
rs3751143	P2RX7	G/T	12q	G	0.227678571	0.227678571	0.991436
rs4646491	CYP4B1	C/T	01p	T	0.147321429	0.147321429	0.991469
rs2276118	CABP2	A/G	11q	G	0.423423423	0.423423423	0.99165
rs1816416		C/T	19p	C	0.058035714	0.058035714	0.991651
rs28265	ASCC2	C/G	22q	C	0.072072072	0.071428571	0.991669
rs7889839		A/G	01q	G	0.135135135	0.133928571	0.991803
rs859098	SLC44A3	A/G	01p	G	0.259259259	0.259090909	0.992049
rs3732209	MAP3K2	C/T	02q	C	0.299107143	0.3	0.992209
rs9982824		A/G	21q	G	0.116071429	0.117117117	0.99225
rs7619322	IGSF10	A/C	03q	A	0.247747748	0.247747748	0.992293
rs2290228	CALU	C/T	07q	T	0.133928571	0.133928571	0.992393
rs7665748	LOC729902	A/G	04q	G	0.397321429	0.396396396	0.992439
rs2274567	CR1	A/G	01q	G	0.232142857	0.232142857	0.992446
rs794001	N4BP2	A/G	04p	G	0.279279279	0.277777778	0.992499
rs6032	F5	A/G	01q	G	0.303571429	0.303571429	0.992531
rs2270493	ZNF597	A/T	16p	A	0.066964286	0.066964286	0.992611
rs4726514	LOC730441	A/T	07q	T	0.107142857	0.108108108	0.992694
rs1567	NCOA7	G/T	06q	G	0.125	0.125	0.992803
rs1678160	SP100	A/G	02q	G	0.303571429	0.303571429	0.992809

rs654093	ALKBH8	C/T	11q	C	0.459821429	0.459821429	0.992911
rs4548513	CTNNA3	C/T	10q	T	0.383928571	0.383928571	0.992968
rs7966110	MUC19	C/G	12q	C	0.450892857	0.450892857	0.993084
rs7633797	LOC200810	A/G	03q	A	0.375	0.375	0.993092
rs11190305	DNMBP	A/C	10q	C	0.375	0.375	0.99313
rs682632	TEK	G/T	09p	T	0.058035714	0.058035714	0.993211
rs7935564	TRIM22	A/G	11p	G	0.419642857	0.419642857	0.993214
rs1836270		C/T	07q	C	0.357142857	0.355855856	0.993224
	LOC729788, LOC729792, LOC730400, LOC730401, LOC730408, LOC730409, LOC732021						
rs2523898		C/T	06p	T	0.481308411	0.480769231	0.993246
rs2279517	CCDC8	C/G	19q	C	0.053571429	0.053571429	0.993417
rs7778776		A/G	07q	G	0.446428571	0.446428571	0.993539
rs250429	SLC35A4	A/G	05q	A	0.254464286	0.256756757	0.993602
rs610308	PPP1R15A	C/T	19q	C	0.392857143	0.391891892	0.993609
rs3856154	LOC127602	C/T	01q	T	0.321428571	0.321428571	0.993621
rs2274531	GPA33	A/G	01q	A	0.09375	0.09375	0.993691
rs10883979	C10orf79	A/G	10q	G	0.063063063	0.063063063	0.993803
rs7896053	RPP38, C10orf111	C/T	10p	T	0.102678571	0.103603604	0.993836
rs1051695	AKAP6	A/G	14q	A	0.441964286	0.441964286	0.993981
rs3742704	GPR65	G/T	14q	G	0.102678571	0.102678571	0.993999
rs1337	RNF175	C/G	04q	C	0.174107143	0.174107143	0.994153
rs232777	MYSM1	C/T	01p	T	0.223214286	0.223214286	0.994153
rs4667591	LRP2	G/T	02q	T	0.209821429	0.209821429	0.994157
rs888197	DUSP16	C/T	12p	C	0.357142857	0.357142857	0.994264
rs6537825	TRIM33	A/G	01p	A	0.089285714	0.089285714	0.994347
rs293119		C/T	05p	T	0.339285714	0.339285714	0.994499
rs1057278	TTLL3	A/G	03p	A	0.135135135	0.136363636	0.994615
rs11628102		C/T	14q	T	0.084821429	0.084821429	0.994653
rs1961760	BDP1	A/T	05q	T	0.486607143	0.486607143	0.994653
rs4777310	LOC729611	A/G	15q	G	0.064220184	0.064220184	0.994659
rs7871785		A/G	09q	G	0.435779817	0.436936937	0.994907
rs609290	CYP4F12	C/T	19p	T	0.0625	0.0625	0.994915
rs609636	CYP4F12	C/T	19p	T	0.0625	0.0625	0.994915
rs614766		A/T	01p	T	0.472972973	0.472477064	0.994993
rs2295005	HINT3	C/G	06q	G	0.486486487	0.486486487	0.99501

rs1050767	MKI67	A/C	10q	C	0.171171171	0.169642857	0.995048
rs970382	OR4E2	A/G	14q	A	0.200892857	0.202702703	0.99508
rs8181529	OR52N2	G/T	11p	T	0.375	0.375	0.995123
rs10152546	CCDC32	A/T	15q	A	0.468181818	0.468181818	0.995409
rs1864345	FRMPD2	C/T	10q	C	0.22	0.221153846	0.995538
rs535955		A/G	11q	A	0.178571429	0.178571429	0.995558
rs2297336	TCTE1	A/G	06p	G	0.148648649	0.148648649	0.995624
rs8031046	TMC3	C/T	15q	T	0.053571429	0.053571429	0.995682
rs7245429	FBN3	G/T	19p	T	0.370535714	0.370535714	0.995746
rs267746	DUSP27	A/C	01q	C	0.160714286	0.160714286	0.995786
rs2252471		C/G	08p	C	0.433962264	0.433962264	0.995893
rs10439661		A/C	21q	C	0.370535714	0.370535714	0.995945
rs2278607	AHNAK2, LOC730269	A/G	14q	G	0.054054054	0.053571429	0.996139
rs6712473	LTBP1	G/T	02p	G	0.477678571	0.477678571	0.996164
rs2640218		A/G	11q	A	0.103603604	0.103603604	0.996178
rs2295322	CHMP4A	A/G	14q	G	0.450892857	0.450892857	0.996197
rs7531792		A/G	01q	G	0.473214286	0.472972973	0.996315
rs1785928	ELP2	C/T	18q	T	0.29245283	0.29245283	0.996352
rs10470540		C/T	03q	T	0.459821429	0.459821429	0.996352
rs2297775	GON4L	C/T	01q	C	0.3125	0.3125	0.997178
rs818817	SLC22A14	C/T	03p	T	0.111607143	0.112612613	0.997403
rs11809582		A/G	01q	A	0.066964286	0.067567568	0.9975
rs998928		A/G	07p	G	0.418918919	0.418918919	0.997517
rs6949082	HYAL4	G/T	07q	T	0.165178571	0.165178571	0.997664
rs3738671	TRIT1	A/T	01p	A	0.058558559	0.059090909	0.997685
rs2227928	ATR	C/T	03q	T	0.419642857	0.419642857	0.997713
rs7775397	C6orf10	G/T	06p	G	0.089285714	0.089285714	0.99773
rs1265754	C6orf10	A/T	06p	T	0.089285714	0.089285714	0.99773
rs12446322	FLJ41766	A/G	16p	A	0.058035714	0.058558559	0.997733
rs2276449		C/T	22q	T	0.191588785	0.190909091	0.997907
rs2279027	TBC1D1	A/G	04p	A	0.400900901	0.4	0.998164
rs9295924		A/G	06p	A	0.1875	0.1875	0.998337
rs296091	ZNF91	C/T	19p	C	0.058035714	0.058035714	0.998417
rs25901	MYO10	C/G	05p	C	0.316964286	0.316964286	0.998496
rs235468	BAT2D1	C/G	01q	G	0.207207207	0.204545455	0.998724
rs5030084	KNG1	C/G	03q	G	0.056074766	0.056603774	0.998751
rs2070661	NPAT	A/G	11q	G	0.427272727	0.427927928	0.998793

rs2291260	GOLGA3	A/G	12q	G	0.276785714	0.276785714	0.998864
rs2437150	C1orf124	A/G	01q	G	0.382882883	0.383928571	0.998868
rs523104	CASP5	C/G	11q	C	0.472972973	0.473214286	0.998874
rs1128864	ART3	C/T	04q	T	0.196428571	0.196428571	0.998981
rs7143783	RCOR1	A/G	14q	G	0.163636364	0.163636364	0.999289
rs10517577	RNF175	C/T	04q	C	0.205357143	0.205357143	0.999341
rs3128853	OR12D2	C/T	06p	C	0.058035714	0.058035714	0.999423
rs3762648	DPPA4	A/G	03q	G	0.495535714	0.495535714	0.999849
rs9471969	TNRC5	G/T	06p	T	0.245535714	0.245535714	0.99986
rs1011048	CLCA4	A/T	01p	T	0	0	
rs1027819	COL24A1	C/T	01p	T	0.004545455	0.004545455	
rs1047376	ABCA4	A/T	01p	A	0	0	
rs1048401	GBP1	A/G	01p	G	0.004464286	0.031531532	
rs10489962	FHAD1	A/G	01p	G	0.049107143	0.022321429	
rs10493784	COL24A1	A/C	01p	C	0	0	
rs10494226		A/G	01p	A	0	0.008928571	
rs1064567	BRDT	A/C	01p	C	0	0	
rs10789428	ERMAPP	C/G	01p	G	0	0	
rs10801999	CASQ2	C/T	01p	T	0	0.004464286	
rs10857971	PPM1J	C/T	01p	C	0.004464286	0	
rs10909820	C1orf174	A/C	01p	A	0	0.013392857	
rs10910021	CCDC27	C/G	01p	G	0.005154639	0.056701031	
rs10917405		A/G	01p	A	0	0	
rs10922938	ZNF644	A/G	01p	A	0	0	
rs10927776	FHAD1	C/T	01p	T	0.004464286	0	
rs11121969	AADA3L3	C/T	01p	T	0.044642857	0.044642857	
rs11165091	ARHGAP29	A/G	01p	A	0	0	
rs11207463	FLJ10986	C/G	01p	G	0.009009009	0.009009009	
rs1134764	INADL	C/T	01p	C	0	0	
rs11466110	NGFB	A/G	01p	A	0	0	
rs11466111	NGFB	A/G	01p	A	0.013392857	0.017857143	
rs1149172	ATXN7L2	A/G	01p	A	0	0	
rs11572243	CYP2J2	A/G	01p	G	0.008928571	0	
rs12063601		G/T	01p	G	0	0	
rs12091554	LUZP1	A/C	01p	C	0.004464286	0	
rs12093500	NPHP4	C/G	01p	C	0	0	
rs12094543	ZMYM4	A/G	01p	G	0.013392857	0.026785714	

rs12096782	OVGP1	A/G	01p	A	0	0
rs12401979	hCG_2036596	A/G	01p	A	0.03125	0.075892857
rs1258021	MKNK1	A/G	01p	A	0	0
rs1338314	SPATA6	C/T	01p	T	0.035714286	0.026785714
rs1407134	CCDC28B	C/T	01p	T	0.040540541	0.035714286
rs1541775		A/G	01p	A	0	0
rs1635712	KIAA0319L	A/G	01p	A	0.004464286	0.004464286
rs1655518	C1orf175	C/T	01p	T	0.009174312	0
rs1755373	LOC440570	C/G	01p	G	0	0.004545455
rs1762111	ABCA4	C/T	01p	C	0	0.004464286
rs1800553	ABCA4	A/G	01p	A	0.008928571	0.013392857
rs1802373	ZRANB2	C/T	01p	C	0	0
rs1804298	RPL11	A/G	01p	G	0	0
rs1934294		A/G	01p	A	0	0.004545454
rs1971089		A/T	01p	T	0	0.004504505
rs1999272	ARHGAP29	C/T	01p	C	0	0
rs2070123	IFI44	C/T	01p	C	0.049107143	0.102678571
rs2231580	CLCA4	C/T	01p	T	0.004464286	0
rs2231604	CLCA4	C/G	01p	C	0.004464286	0.004464286
rs2236387	ADPRHL2	C/T	01p	T	0.013392857	0.008928571
rs2249265	IGSF2	C/T	01p	T	0.03125	0.022321429
rs2271885	SLC16A4	A/C	01p	C	0.040178571	0.031531532
rs2273346	MASP2	C/T	01p	C	0.013513513	0.013513513
rs2274260	TNNI3K	C/T	01p	T	0	0
rs2274540	USP24	A/G	01p	A	0	0
rs2275408	MRPL37	C/G	01p	G	0	0.004672897
rs2282333		A/C	01p	A	0.004504504	0
rs2282440	SDC3	C/T	01p	T	0.004464286	0.004464286
rs2297881	KIF1B	C/T	01p	C	0.013392857	0.022321429
rs2303193	ELA2A	C/T	01p	C	0.004464286	0.008928571
rs2304306	ACOT11	A/G	01p	A	0.013392857	0.026785714
rs2304778	LZIC	C/T	01p	T	0	0
rs235247	VPS13D	G/T	01p	T	0.022321429	0.022522523
rs2484677		C/G	01p	C	0	0
rs2486803		C/T	01p	C	0	0
rs259358	RWDD3	C/T	01p	T	0.004464286	0
rs273258	IFI44L	A/G	01p	A	0	0

rs2745233	C1orf151	C/T	01p	T	0	0.004464286
rs2800889	ADORA3	A/T	01p	T	0	0.017857143
rs2810566	HIVEP3	C/T	01p	T	0	0
rs284246		A/G	01p	G	0.008928571	0
rs2940315	LRRC38	A/G	01p	A	0.031531531	0.03125
rs2941679	ANKRD38	C/G	01p	C	0.022321429	0.044642857
rs2982486		A/T	01p	T	0.022321429	0.058035714
rs3006870	CLCC1, FNDC7	A/G	01p	G	0.004464286	0.004545455
rs3087473	ORC1L	C/G	01p	C	0	0.013513513
rs3087476	ORC1L	C/T	01p	T	0.040178571	0.026785714
rs3087482	ORC1L	A/C	01p	C	0	0
rs3218170		A/G	01p	A	0.022321429	0.022321429
rs351371	WNT2B	A/G	01p	A	0	0.009174312
rs3737564	TNNI3K	C/T	01p	C	0.013636364	0.017857143
rs3737703	ELA2B	A/G	01p	A	0	0
rs3738414	VTCN1	A/G	01p	A	0.009009009	0.004504504
rs3738420	WDR3	C/G	01p	G	0.009174312	0.013392857
rs3738766	GNAT2	A/C	01p	A	0.036036036	0.013392857
rs3748800	PTPRF	A/G	01p	A	0	0
rs3766317	STIL	C/T	01p	T	0	0
rs3768235	BCL10	A/G	01p	A	0.027027027	0.04587156
rs3768249	CTBS	G/T	01p	T	0	0
rs3783612	VCAM1	A/G	01p	G	0.004504505	0
rs3783613	VCAM1	C/G	01p	C	0	0
rs3783615	VCAM1	A/T	01p	T	0.027027027	0.041284404
rs3795832	LRRC8B	C/T	01p	T	0.004464286	0
rs3917991	CSF3R	C/G	01p	C	0.013392857	0.004464286
rs3918021	CSF3R	C/T	01p	T	0	0
rs397205	SYNC1	C/T	01p	T	0	0
rs4274008	C1orf174	C/G	01p	G	0.004504505	0.013513514
rs4460582	MAST2	A/G	01p	G	0	0.009345794
rs4839131		C/T	01p	C	0.004464286	0.013392857
rs4915691	DNAJC6	A/G	01p	A	0.026785714	0.049107143
rs4986954	HSD3B2	A/G	01p	A	0	0
rs5172	LRP8	A/G	01p	A	0	0
rs5229	NPPB	A/G	01p	A	0	0.009009009
rs550252	TCEB3	C/T	01p	T	0	0



rs565156		A/C	01p	C	0.026785714	0.013392857
rs566576		A/G	01p	A	0.026785714	0.058558559
rs5670	PTGER3	A/T	01p	T	0	0
rs5694	PTGER3	C/T	01p	T	0	0
rs571655	NPHP4	A/G	01p	A	0.018018018	0.040178571
rs5745549	MSH4	A/G	01p	A	0.035714286	0.017857143
rs5746025		A/G	01p	A	0.018018018	0.027027027
rs5746026	TNFRSF1B	A/G	01p	A	0.045045045	0.035714286
rs5901	F3	C/T	01p	T	0	0
rs6087	MPL	C/T	01p	T	0	0
rs617153		A/C	01p	A	0.044642857	0.008928571
rs6205	HSD3B1	C/T	01p	C	0	0.013392857
rs6299	HTR1D	C/T	01p	T	0.004464286	0
rs6659553	POMGNT1	C/T	01p	T	0	0
rs6666652	ABCA4	A/C	01p	A	0.03125	0.044642857
rs6678923	NBPF7	A/C	01p	A	0	0
rs6702447	HNRPCL1	A/C	01p	A	0	0.031531531
rs696698	C1orf173	A/G	01p	A	0.022321429	0.055555556
rs7533776	ELA3A	C/T	01p	C	0	0
rs7536086	AGL	A/G	01p	A	0.049549549	0.045045045
rs7542609	BMP8B, OXCT2, BMP8A	C/G	01p	G	0	0
rs7543267		A/T	01p	A	0	0
rs7551068	PLOD1	C/G	01p	C	0.004464286	0.008928571
rs7552335	L1TD1	A/T	01p	T	0.009009009	0.004464286
rs783833	BMP8B, OXCT2	A/G	01p	A	0	0
rs8179477	DMRTA2	C/T	01p	T	0	0
rs859210	AKR7A2	A/G	01p	A	0	0
rs9657979	TNFRSF9	A/C	01p	A	0	0
rs9820	PABPC4	A/T	01p	T	0	0
rs1028180	BLZF1	C/T	01q	C	0.022321429	0.022321429
rs10305741	ARNT	G/T	01q	G	0.008928571	0.018018018
rs1042767	FMO4	C/T	01q	C	0.004464286	0
rs10465613	LYST	C/T	01q	T	0.004464286	0
rs10482810	TGFB2	C/G	01q	C	0	0.004464286
rs10489854		C/T	01q	T	0.04368932	0.086734694
rs10489855		C/G	01q	C	0.035714286	0.044642857
rs10494751	ZBTB41	A/C	01q	A	0	0

rs1050154	QSOX1	C/T	01q	T	0	0
rs1050208		C/T	01q	C	0	0.004464286
rs1078890	IQGAP3	A/G	01q	A	0.004464286	0
rs10796961	TTC24	A/G	01q	G	0.017857143	0.040178571
rs10800870	LOC641515	C/T	01q	T	0.026785714	0.017857143
rs10888510	LCE4A, LOC730862	G/T	01q	T	0.017857143	0.035714286
rs10908722	OR10J1	G/T	01q	G	0	0
rs10910120	PCNXL2	C/T	01q	C	0.004504504	0.008928571
rs10910439	TARBP1	C/T	01q	T	0.046391753	0.043010753
rs10911390	RGL1, APOBEC4	C/T	01q	T	0.03125	0.026785714
rs10918989		A/G	01q	A	0.018181818	0.041666667
rs10919224	HSPA6	A/G	01q	A	0.004504504	0
rs1106336		A/G	01q	A	0.017857143	0.031531531
rs1106337		A/C	01q	A	0.017857143	0.031531531
rs11118075	RRP15	C/G	01q	C	0.022321429	0.044642857
rs11120645	USH2A	C/T	01q	T	0.017857143	0.026785714
rs11205133	IVL	C/T	01q	C	0	0
rs11264496	IQGAP3	C/T	01q	T	0.004464286	0.004464286
rs11264506	GPATCH4	A/T	01q	T	0.013513514	0.03125
rs11264585	ARHGEF11, C1orf92	A/G	01q	A	0	0.004504504
rs11265047	SPTA1	C/T	01q	T	0	0
rs1130183	KCNJ10	C/T	01q	T	0.040178571	0.035714286
rs1144566	RGS16	A/G	01q	A	0.031531531	0.022522522
rs11568032	AGT	A/G	01q	A	0	0
rs11571117	REN	A/G	01q	A	0	0
rs12040319		G/T	01q	G	0	0
rs12059722		C/T	01q	C	0	0
rs12062114	C1orf116	C/T	01q	C	0.009090909	0.009174312
rs12090314	SPTA1	C/T	01q	T	0.019047619	0.010416667
rs12129883	PTPRC	A/C	01q	C	0	0
rs12136658	PTPRC	A/T	01q	A	0.013513513	0.013392857
rs12138972	C1orf14	C/T	01q	T	0.026785714	0.017857143
rs1466731	ADAR	A/G	01q	A	0	0
rs164181	C1orf111	C/T	01q	C	0.004464286	0.004504504
rs1804715	HAX1	C/T	01q	C	0	0
rs1804957	CD5L	G/T	01q	T	0.004504505	0.004587156
rs1823620		C/T	01q	T	0	0

rs2066530	FMO3	C/T	01q	C	0	0
rs2075740	SPRR3	C/T	01q	T	0	0
rs2152051	RXFP4	A/G	01q	A	0.004464286	0
rs2227606	SERPINC1	A/G	01q	G	0	0
rs2228672	SELP	G/T	01q	G	0	0
rs2232842	CYB5R1	A/G	01q	G	0.044642857	0.040540541
rs2234697	EPHX1	C/T	01q	T	0	0
rs2235371	IRF6	C/T	01q	T	0	0.018018018
rs2235542	LAMB3	C/T	01q	C	0.026785714	0.035714286
rs2269714	CD1A	C/T	01q	T	0.049107143	0.045045045
rs2271458	TRAF5	A/C	01q	C	0	0
rs2272792	TADA1L	C/T	01q	T	0.013392857	0.017857143
rs2273712	OPN3	C/T	01q	T	0.017857143	0
rs2274618	ITGA10	C/T	01q	T	0	0
rs2275303	SIPA1L2	C/T	01q	T	0	0.013513514
rs2275601	LBR	A/G	01q	G	0	0
rs2275654	TARBP1	A/G	01q	G	0	0.004504505
rs2275894		C/G	01q	G	0	0
rs2276403	MNDA	C/T	01q	T	0	0
rs2276405	AIM2	C/T	01q	T	0	0.004504505
rs2282284	FCRL3	C/T	01q	C	0.049107143	0.027272727
rs2282304	FLG2, LOC648187	C/T	01q	T	0	0
rs2291979		C/T	01q	T	0.004464286	0.008928571
rs2295950	C1orf26	A/C	01q	C	0	0
rs2296306	LAMC2	G/T	01q	T	0.049107143	0.04954955
rs2297411	CABC1	G/T	01q	G	0	0.004587156
rs2297952	LOC730226	C/T	01q	T	0	0
rs2298805	FCER1A	A/G	01q	A	0	0
rs2298872	PTPRC	A/C	01q	C	0.008928571	0
rs2307198	PLA2G4A	A/G	01q	G	0.022321429	0.040178571
rs2331995	KIAA1614	A/G	01q	A	0.004464286	0.013392857
rs2457472	HIST2H2BF, HIST2H3D	C/G	01q	C	0	0
rs2473829	FLJ44005	A/C	01q	A	0	0.004504504
rs2482965	SPTA1	A/C	01q	A	0.004464286	0
rs2485405		G/T	01q	G	0	0.004672897
rs2515663		G/T	01q	T	0	0.004464286
rs2590125	PDE4DIP	A/C	01q	A	0	0

rs2590131	SEC22B	A/G	01q	G	0	0
rs2642993	ZNF695	A/C	01q	C	0.026785714	0.03125
rs2820289	NAV1	C/T	01q	T	0.035714286	0.080357143
rs2842726	C1orf116	A/G	01q	A	0.013513513	0.013513513
rs291102	PIGR	C/T	01q	T	0.018181818	0.013513514
rs3010980	PDE4DIP, LOC652264	C/T	01q	C	0	0.004587156
rs3014626	PPP1R15B	C/T	01q	T	0	0
rs3128652	LOC127602	A/G	01q	G	0.026785714	0.031531532
rs3128658	LOC127602	G/T	01q	G	0.026785714	0.031531531
rs3138100	CD1C	A/C	01q	C	0	0.004464286
rs3218622	PTGS2	A/G	01q	A	0	0
rs3736930	ATP6V1G3	C/T	01q	T	0.040178571	0.035714286
rs3737657	ETNK2	A/G	01q	A	0.035714286	0.031531531
rs3738178	MOSC1	A/T	01q	A	0	0.008928571
rs3738586	GON4L	A/G	01q	A	0	0.004504504
rs3747959	KIAA1614	A/G	01q	A	0	0
rs3748695	CENPF	A/G	01q	A	0.049549549	0.054545454
rs3753952	CAMSAP1L1	C/T	01q	T	0.014285714	0.028571429
rs3766871	RYR2	A/G	01q	A	0.017857143	0.0625
rs3795331	SLAMF8	A/G	01q	A	0.009009009	0
rs3795339	KCNJ10	A/G	01q	A	0	0.004464286
rs3795382	SPRR1B	C/T	01q	T	0.004716981	0.021052632
rs3795517	CENPF	A/G	01q	G	0.049107143	0.049107143
rs3795518	CENPF	C/T	01q	T	0.049107143	0.04954955
rs3795524	CENPF	C/T	01q	C	0.049107143	0.049107143
rs3795535	MOSC2	C/T	01q	T	0	0.004504505
rs3795564	NFASC	A/G	01q	A	0.013392857	0
rs3795800	OBSCN	C/T	01q	T	0.017857143	0.017857143
rs3813953	FCAMR	A/C	01q	C	0.004464286	0
rs381418	GBA	G/T	01q	G	0	0
rs381427	GBA	G/T	01q	G	0	0
rs3814299	FLG	A/G	01q	A	0	0.004464286
rs3845314	PDE4DIP	C/G	01q	C	0	0
rs3917422	SELE	A/C	01q	C	0	0
rs3917724	SELP	C/T	01q	T	0	0
rs3917769	SELP	A/G	01q	A	0	0
rs3992692		A/G	01q	A	0.004464286	0

rs4149864	EXO1	A/G	01q	A	0	0
rs4149909	EXO1	A/G	01q	G	0.040178571	0.022727273
rs4149910	EXO1	A/G	01q	G	0	0
rs4301615	XCL2	C/G	01q	C	0	0
rs4414062	LOC375010	A/C	01q	C	0	0
rs4472790	LOC149134	G/T	01q	G	0.049107143	0.063063063
rs4649613	LOC650468, LOC729130	A/T	01q	A	0	0
rs4653415	LOC127602	C/T	01q	C	0	0
rs4656527		A/G	01q	A	0	0
rs4844609	CR1	A/T	01q	A	0.038095238	0.038461538
rs4950394	CHD1L	G/T	01q	G	0.045045045	0.0625
rs4971053	ASH1L	C/T	01q	T	0	0
rs4986931	EPHX1	A/G	01q	A	0	0
rs4987382	SELL	A/G	01q	G	0.004545455	0.004504505
rs515299	CFH	A/C	01q	A	0	0
rs5273	PTGS2	C/T	01q	C	0	0
rs534399	CFH	A/C	01q	A	0.009009009	0
rs5355	SELE	C/T	01q	T	0.040178571	0.022321429
rs5364	SELE	A/G	01q	A	0	0
rs570189	HSPA6	C/T	01q	C	0	0
rs5999	F13B	A/G	01q	G	0	0.009009009
rs6000	F13B	G/T	01q	G	0.023364486	0.037037037
rs6005	F5	C/G	01q	G	0.004464286	0
rs6020	F5	A/G	01q	A	0.013392857	0.004464286
rs6026	F5	A/G	01q	A	0.004504504	0
rs6031	F5	C/T	01q	T	0.004464286	0
rs6134	SELP	A/G	01q	G	0	0
rs6336	NTRK1	C/T	01q	T	0.036036036	0.0625
rs6425573	C1orf125	C/G	01q	C	0.015957447	0.005154639
rs6540718	DTL	A/C	01q	A	0.018018018	0.009174312
rs6587624	THEM5	C/G	01q	G	0	0
rs6587667	FLG2, LOC648187	C/T	01q	T	0.03125	0
rs6593795	ACP6	C/T	01q	C	0	0
rs6661174	FMO2	C/T	01q	C	0	0
rs6664968		A/C	01q	A	0	0
rs6674773	TXNIP	A/G	01q	A	0.009009009	0
rs6695283	OR5AT1	A/G	01q	A	0	0

rs6695302	OR2B11	C/T	01q	C	0	0
rs6697472	OR2C3	C/T	01q	T	0	0.004464286
rs703145		C/T	01q	T	0.004464286	0
rs7339904	RABGAP1L	A/G	01q	G	0	0.004464286
rs7411539		C/G	01q	G	0	0
rs751747	JMJD4	C/T	01q	T	0	0
rs7521513	QSOX1	C/T	01q	T	0.004464286	0
rs7524261	LYST	A/C	01q	C	0.004504505	0
rs7535144	LENEP, FLAD1	G/T	01q	T	0.017857143	0.031531532
rs7539	YY1AP1	C/G	01q	C	0.049549549	0.031531531
rs7539719	HMCN1	A/G	01q	G	0.018018018	0.013392857
rs7541041	LYST	A/G	01q	A	0	0
rs771205	FAM63A	C/T	01q	T	0.031531532	0.031531532
rs8144	ITLN1	C/G	01q	G	0.008928571	0
rs822431	C1orf92	G/T	01q	G	0.009433962	0.018867924
rs822522	SYT11	C/G	01q	C	0	0
rs8917	MPZL1	A/G	01q	A	0.026785714	0.026785714
rs9332485	F5	A/G	01q	A	0	0
rs9436065	FLG	A/G	01q	A	0	0
rs944627	FCRL3	A/G	01q	A	0	0
rs964201	ASPM	A/G	01q	A	0	0.004545454
rs1042023	APOB	C/G	02p	G	0.017857143	0.017857143
rs10427235		C/T	02p	T	0.004464286	0
rs10490252	hCG_15200	A/G	02p	G	0	0.004464286
rs1051949	MRPL35	A/G	02p	A	0	0
rs1052065	MRPL35	A/G	02p	G	0	0
rs1055048	LOC730134	C/T	02p	T	0	0
rs1062863	NAT8	A/C	02p	A	0	0
rs11466259	TGFA	A/G	02p	A	0.008928571	0.009090909
rs11569738		A/G	02p	G	0.013636364	0.022522523
rs11569739		A/G	02p	G	0.017857143	0.0625
rs11569743		A/G	02p	A	0.018018018	0.0625
rs11677099	RTN4	A/T	02p	A	0.035714286	0.03125
rs11889831	CGREF1	A/T	02p	A	0	0
rs1192269		C/T	02p	T	0.045045045	0.064814815
rs1670283	ALK	C/T	02p	T	0	0
rs1801702	APOB	C/G	02p	C	0.026785714	0.018018018

rs1801703	APOB	A/G	02p	A	0.004464286	0.008928571
rs1825474		A/G	02p	G	0.044642857	0.053571429
rs1863772	LOC129293	A/G	02p	A	0.03125	0.049107143
rs2020908	MSH6	C/G	02p	G	0.013392857	0.018348624
rs2020912	MSH6	C/T	02p	C	0	0.013513513
rs2072526	VIT	C/T	02p	C	0.026785714	0.026785714
rs2229685	RETSAT	A/G	02p	G	0	0.004464286
rs2251243	ITSN2	A/G	02p	A	0.017857143	0.008928571
rs2255991	QPCT	A/G	02p	A	0	0.004464286
rs2272428	CCT4	C/T	02p	C	0	0
rs2272466	CIB4, LOC339778	A/T	02p	T	0	0
rs2287345	C2orf30	C/G	02p	C	0.044642857	0.058558559
rs2289168	CCDC88A	C/T	02p	C	0	0
rs2290427	LTBP1	A/C	02p	A	0.009174312	0.004672897
rs2302878	PSME4	C/T	02p	C	0.008928571	0.017857143
rs2304564	USP39	C/T	02p	T	0.008928571	0.017857143
rs2367810		C/G	02p	G	0	0.004464286
rs2430013	OTOP1	C/T	02p	C	0	0
rs2438101	FLJ16124	A/G	02p	A	0.013392857	0.013392857
rs2903704	SMEK2	C/T	02p	T	0.035714286	0.013392857
rs3206695		A/G	02p	A	0	0.004464286
rs3213746	CEBPZ, C2orf56	C/T	02p	T	0.008928571	0.017857143
rs3213941	C2orf42	G/T	02p	G	0	0.004464286
rs340719		C/G	02p	C	0.026785714	0.026785714
rs3749130	ARHGAP25	A/G	02p	A	0	0
rs3770739	AFTPH	C/T	02p	C	0	0
rs3770740	AFTPH	C/T	02p	T	0	0
rs4244681	OTOP1	A/C	02p	C	0	0.004504505
rs4670800	FAM82A	A/G	02p	G	0	0.004504505
rs4982	ADD2	G/T	02p	T	0.015789474	0.016853933
rs4986887	CYP1B1	C/G	02p	C	0	0
rs533617	APOB	C/T	02p	C	0.044642857	0.03125
rs5557	SLC8A1	A/T	02p	T	0	0.004464286
rs6546090		G/T	02p	T	0.013392857	0.017857143
rs6715286	PREB, ABHD1	G/T	02p	T	0	0
rs6716066	FLJ31438	C/T	02p	C	0.027027027	0.044642857
rs6726379	OTOP1	A/G	02p	G	0	0

rs6737156	DGUOK	C/T	02p	C	0.040178571	0.044642857
rs6752026	APOB	A/G	02p	A	0.004504504	0
rs704793	IFT172	C/T	02p	T	0	0
rs7437	CAD, C2orf28	G/T	02p	T	0.044642857	0.04954955
rs7582826	ARL6IP2	C/G	02p	G	0	0
rs7586984	REG1B	C/T	02p	T	0	0
rs7589796	FOSL2	A/G	02p	G	0	0
rs7590838	PNO1	C/G	02p	C	0	0
rs8176068		A/G	02p	A	0.049107143	0.035714286
rs8176069		C/T	02p	T	0.017857143	0.008928571
rs840964	FLJ16124	A/G	02p	A	0	0
rs939820	C2orf39	A/G	02p	A	0	0
rs9749947		A/G	02p	A	0	0
rs9753235		C/T	02p	T	0	0
rs10180086	MERTK	C/T	02q	T	0.03125	0.026785714
rs10185178	MYO3B	A/G	02q	G	0	0
rs10192157	IL1RL1	C/T	02q	T	0.016483517	0.00990099
rs10198893	DNAH7	C/T	02q	C	0	0
rs10208334	SMPD4	A/T	02q	T	0	0
rs10385	ILKAP	C/T	02q	T	0	0
rs1042038	PSCDBP	A/G	02q	A	0	0
rs1046356	KIAA1604	A/G	02q	A	0.044642857	0.053571429
rs10497377	MAP1D	G/T	02q	T	0	0.013392857
rs1057044	NFE2L2	A/G	02q	A	0	0.004464286
rs1063573	NEB	C/G	02q	G	0	0
rs10930046	IFIH1	C/T	02q	C	0	0.005263158
rs10931199		A/G	02q	G	0	0.004464286
rs10932814	OBSL1	C/T	02q	T	0	0
rs11568350	SLC40A1	G/T	02q	T	0	0
rs11568357	ABCB11	A/G	02q	G	0	0.004464286
rs11568364	ABCB11	A/G	02q	G	0.017857143	0
rs11575194	IGFBP5	C/T	02q	T	0.049107143	0.03125
rs11692601	B3GNT7	C/T	02q	T	0.013392857	0.026785714
rs11891776	HDLBP	A/C	02q	A	0	0.004464286
rs11894115	MPP4	C/T	02q	T	0.027027027	0.018181818
rs11896521	COL6A3	G/T	02q	G	0	0
rs1225090	ANKAR	G/T	02q	G	0.004587156	0



rs12466551	TANC1	A/G	02q	A	0	0
rs12475068		C/G	02q	G	0.045045045	0.059633028
rs1251176		C/G	02q	G	0.044642857	0.036036036
rs12619995	SATB2	A/G	02q	G	0.004545455	0
rs12622896	THSD7B	C/T	02q	T	0.017857143	0.013392857
rs1446495	DPP10	C/T	02q	C	0	0
rs1468999	FLJ44048	C/T	02q	T	0	0.009174312
rs1521808	ABCB11	A/G	02q	A	0	0
rs1529979	PIP5K3	G/T	02q	G	0.017857143	0.022321429
rs1552280	TTN	C/T	02q	C	0.017857143	0.004464286
rs1805085	MSTN	A/G	02q	A	0	0.008928571
rs1805086	MSTN	A/G	02q	G	0.027027027	0.022522523
rs1863703	STK36	A/G	02q	G	0.040540541	0.058035714
rs2043449	CYP20A1	A/G	02q	G	0.045045045	0.044642857
rs2066455	PMS1	C/G	02q	C	0	0
rs2066459	PMS1	A/G	02q	A	0.017857143	0.013392857
rs2066520	SMARCAL1	A/T	02q	T	0	0.004464286
rs2066524	SMARCAL1	A/G	02q	A	0	0
rs2114664	TTLL4	A/G	02q	A	0	0
rs2163649	TTC21B	A/G	02q	A	0.004504504	0.004464286
rs2228168	LRP2	C/T	02q	C	0	0.008928571
rs2230516	MERTK	C/T	02q	T	0	0.004504505
rs2233384	NEU2	A/C	02q	A	0	0
rs2240543	PASK	A/G	02q	G	0.004464286	0.004504505
rs2271038		A/G	02q	A	0	0.009009009
rs2271041	CNGA3	A/G	02q	A	0	0
rs2271683	COL3A1	A/G	02q	G	0	0
rs2271761	ZNF533	C/T	02q	C	0.013392857	0.013392857
rs2272058	MGC33657	A/G	02q	G	0.004587156	0
rs2278196	TTN	C/T	02q	T	0.027027027	0.022522523
rs2287617	ABCB11	A/G	02q	A	0	0.004464286
rs2287632	MDH1B	A/G	02q	G	0	0.004807692
rs2288326	TTN	G/T	02q	T	0	0
rs2289080	CHRNA	A/G	02q	A	0.026785714	0.009009009
rs2289170	PIP5K3	A/G	02q	A	0	0
rs2289912	TNRC15	G/T	02q	T	0.017857143	0.009009009
rs2292880	MLPH	C/T	02q	T	0	0

rs2303554	SSFA2	A/T	02q	A	0.026785714	0.03125
rs2305820	ITGB6	G/T	02q	T	0	0
rs2305835	AAMP	C/T	02q	C	0	0
rs2315148	ANKRD36	A/C	02q	C	0	0
rs2363468	PIP5K3	C/T	02q	T	0.013636364	0.018867925
rs2372767	XRCC5	C/G	02q	G	0	0
rs2375643	DNAH7	C/T	02q	T	0	0
rs2444258	RIF1	C/T	02q	T	0	0.004464286
rs2595390		C/T	02q	C	0	0
rs263672		C/T	02q	C	0	0
rs2718698	GCC2	C/G	02q	G	0.017857143	0.008928571
rs2737085	ITGA6	G/T	02q	T	0	0.004504505
rs2969361	LOC375295	G/T	02q	T	0	0
rs3024839	STAT4	A/G	02q	G	0	0
rs3132055		A/G	02q	G	0.040178571	0.071428571
rs3731745	TTN	C/T	02q	C	0.040909091	0.035714286
rs3731895	RESP18	A/G	02q	A	0.004464286	0.031531531
rs3732287	BAZ2B	A/G	02q	A	0.004504504	0.017857143
rs3732305	RIF1	C/G	02q	G	0	0
rs3732309	NEB	C/T	02q	T	0	0
rs3738885	BARD1	C/G	02q	G	0	0
rs3738888	BARD1	C/T	02q	T	0	0.004464286
rs3739039	LRRFIP1	C/T	02q	C	0	0.004716981
rs3748993	KIAA1486	A/C	02q	A	0.036036036	0.066964286
rs3749002	XIRP2	A/G	02q	A	0.004464286	0
rs3749003	XIRP2	A/G	02q	G	0.004464286	0
rs3749081	TMEM131	C/G	02q	C	0	0.004464286
rs3750904	SCN9A	C/T	02q	C	0.004464286	0.008928571
rs3751108	MLPH	C/T	02q	T	0	0
rs3752780	ARMC9	A/G	02q	A	0	0
rs3754644		C/T	02q	C	0	0
rs3762628	RNPEPL1	C/T	02q	T	0.04954955	0.03125
rs3769110	TRAF3IP1	C/T	02q	C	0.04587156	0.036363636
rs3769838	SP110	C/T	02q	C	0	0.013513513
rs3770209	EPHA4	A/G	02q	G	0	0
rs3770436	GORASP2	A/G	02q	A	0.004464286	0.03125
rs3771333	DKFZp762E1312	A/C	02q	C	0	0

rs3783581	IL1A	A/G	02q	A	0	0
rs3791351		C/T	02q	T	0.013513514	0.017857143
rs3796093	MTERFD2	C/T	02q	C	0.049107143	0.066964286
rs3813246	TTN	A/G	02q	G	0.040540541	0.035714286
rs3821033	ZNF142	C/T	02q	T	0.026785714	0.026785714
rs3827760	EDAR	C/T	02q	C	0.009009009	0.027027027
rs3915806	ZNF142	A/C	02q	C	0.008928571	0.009009009
rs4419245	LOC643194, LOC728220	A/G	02q	A	0	0.004464286
rs4674361	C2orf24	A/G	02q	A	0	0.004464286
rs4893852	TTN	A/G	02q	G	0.013513514	0.02293578
rs4954449	LCT	C/T	02q	T	0	0
rs4972450	WIPF1	A/G	02q	G	0.040178571	0.05
rs5940	TFPI	A/G	02q	A	0.018018018	0.017857143
rs6430735	THSD7B	A/G	02q	A	0	0
rs6430896		A/G	02q	A	0	0
rs6433711	PDE11A	C/T	02q	C	0	0
rs6435421	LOC389073	A/G	02q	A	0	0
rs6436058	USP37	A/G	02q	A	0	0
rs6707930	IL1F9	A/C	02q	A	0	0.004545454
rs6708944	SLC9A4	C/G	02q	C	0.036082474	0.031914894
rs6709303	STK36	A/C	02q	C	0	0
rs6710480	UPP2	G/T	02q	T	0.031531532	0.045045045
rs6713376		C/T	02q	T	0.045045045	0.076576577
rs6717948		A/G	02q	A	0	0.004464286
rs6723177	FLJ38668	A/G	02q	G	0.017857143	0.013513514
rs6725443	MPP4	C/T	02q	C	0	0
rs6731822	CKAP2L	C/T	02q	T	0.035714286	0.058035714
rs6749066	MAP2, LOC648149	A/G	02q	G	0.004545455	0.013636364
rs6751827		A/G	02q	G	0.004464286	0
rs6758375	hCG_2045614	C/T	02q	T	0	0.004464286
rs6759356	GALNT5	C/G	02q	C	0.031818182	0.049107143
rs6760593	SCN7A	A/G	02q	A	0	0.004504504
rs681747	STK11IP	G/T	02q	G	0.040178571	0.040178571
rs7349215	ZNF806	A/G	02q	A	0	0
rs744428	TTN	C/T	02q	T	0	0
rs7559772	LOC130940	C/T	02q	T	0.035714286	0.022321429
rs7565828	hCG_2045614	A/C	02q	A	0.004464286	0.009009009

rs7568910		G/T	02q	T	0.004504505	0
rs7575022		C/T	02q	T	0	0
rs7576532	FLJ44048	A/C	02q	A	0	0.004464286
rs7576719		C/T	02q	T	0.004504505	0.009174312
rs7580167		A/G	02q	A	0	0.004504504
rs7580926		A/C	02q	A	0.004504504	0.03125
rs7592352	INPP1	A/G	02q	G	0.036036036	0.023364486
rs7592429	TTC21B	C/T	02q	T	0	0.004761905
rs7593622	ZAK	C/T	02q	T	0	0
rs7594971		C/T	02q	T	0	0
rs7597367	SCLY	A/G	02q	G	0	0
rs7600443		C/G	02q	C	0.009090909	0.004464286
rs7601509	MFSD9	A/C	02q	A	0	0.004504504
rs7608121	ZRANB3	C/T	02q	T	0	0
rs8179739		C/T	02q	T	0	0
rs8179856	LOC339742	C/T	02q	C	0	0.013513513
rs887987	TMEM182	A/G	02q	A	0.044642857	0.045045045
rs922985	TTN	C/G	02q	C	0	0
rs938017	LOC339760, LOC651281	C/T	02q	T	0.049107143	0.040178571
rs9967806	CCDC108	A/G	02q	A	0.022321429	0.031531531
rs10449518		C/G	03p	G	0	0
rs1045656	PCBP4, GPR62	A/G	03p	A	0	0
rs1051612	POU1F1	C/T	03p	C	0	0.005681818
rs1052138	OGG1, CAMK1, TTLL3	A/T	03p	A	0	0
rs1052140	OGG1, CAMK1, TTLL3	C/T	03p	T	0	0
rs1109643	GORASP1	C/T	03p	T	0	0.004464286
rs11128437		A/C	03p	C	0.013513514	0.009174312
rs11539086	FAM107A	C/G	03p	C	0.036363636	0.036697248
rs11716130		C/G	03p	C	0	0
rs12488691		C/T	03p	T	0.004545455	0.008928571
rs1274971	TTC21A	C/T	03p	T	0.014851485	0
rs1274972	TTC21A	C/T	03p	T	0.037735849	0.01
rs1395388	TGM4	C/G	03p	G	0.045045045	0.080357143
rs1466685	IHPK1, GMPPB	A/G	03p	A	0	0
rs1505403	LOC389124	C/T	03p	T	0	0.004464286
rs1805373	OGG1, TTLL3	A/G	03p	A	0	0
rs1887788		A/C	03p	C	0.047169811	0.033333333

rs2020872	MLH1, EPM2AIP1	A/G	03p	G	0	0
rs2020873	MLH1	C/T	03p	T	0	0
rs2131107	DAG1	C/G	03p	G	0.013392857	0.004545455
rs2172397	GBE1	A/G	03p	A	0.036697248	0.031818182
rs2227999	XPC	A/G	03p	A	0.045454545	0.058558559
rs2231927	FLJ10213, PPP4R2	G/T	03p	G	0.004464286	0.004504504
rs2232346	IL17RB	C/T	03p	C	0.04054054	0.026785714
rs2232350	IL17RB, ACTR8	C/T	03p	C	0.004504504	0.004464286
rs2234355	CXCR6, FYCO1	A/G	03p	A	0	0.009090909
rs2239751	CISH	A/C	03p	C	0.026785714	0.013513514
rs2270569	KIF9	A/G	03p	A	0	0
rs2276812	GLT8D1	C/T	03p	T	0.004464286	0
rs2279289	LRIG1	C/G	03p	C	0.004504504	0.009090909
rs2290302	TTLL3	A/C	03p	C	0	0.009090909
rs2302787	CRELD1	C/G	03p	G	0	0
rs2305296	MKRN2	A/G	03p	G	0	0
rs2367414		A/G	03p	G	0	0
rs332373	LRIG1	C/T	03p	T	0.022321429	0.035714286
rs332374	LRIG1	C/G	03p	G	0.022321429	0.041284404
rs3731062	XPC	C/T	03p	T	0.013392857	0.013392857
rs3732380	CX3CR1	C/T	03p	T	0	0
rs3733082	ACTR8	A/G	03p	A	0.036363636	0.017857143
rs3733101	FYCO1	C/T	03p	T	0	0
rs3736422	TMF1	C/T	03p	C	0	0
rs3749383	ITPR1	A/G	03p	G	0	0
rs3772406	SMARCC1	G/T	03p	T	0	0
rs3774395	CCK	A/G	03p	A	0	0
rs3806633	CACNA2D3, LRTM1	A/G	03p	A	0	0
rs419164	DLEC1	A/T	03p	T	0	0
rs4302331	GLB1	A/G	03p	A	0	0
rs4684677	GHRL	A/T	03p	A	0.04054054	0.058558559
rs4858097	NR1D2	A/T	03p	T	0	0
rs6442224		C/G	03p	G	0	0
rs6787633	ADAMTS9	C/G	03p	C	0.008928571	0.008928571
rs6798400	ZNF502	C/T	03p	C	0	0
rs6805248	XIRP1	C/T	03p	T	0	0
rs6810145	LMOD3	A/T	03p	A	0	0

rs7340737		A/C	03p	C	0	0
rs7356031	IL17RE	A/G	03p	G	0	0.004545455
rs7617704	NR2C2	C/G	03p	G	0	0
rs7621398	NGLY1	C/T	03p	T	0	0
rs7625286	OSBPL10	C/G	03p	G	0	0
rs7633228	GBE1	C/T	03p	C	0.026785714	0.017857143
rs7638754	FHIT, LOC131691	C/T	03p	C	0.018018018	0.054054054
rs7647379	OSBPL10	A/G	03p	G	0	0
rs8180058	LOC401074	G/T	03p	G	0	0
rs9310141	FRMD4B	C/T	03p	T	0.004672897	0
rs9310684		A/G	03p	A	0	0
rs9311404	SETD2	C/G	03p	G	0.004464286	0.004504505
rs9311440	USP4	C/T	03p	C	0	0
rs9827576	XIRP1	C/T	03p	C	0	0
rs9831516	FRMD4B	A/G	03p	G	0.017857143	0.004464286
rs9840779	GOLGA4	A/G	03p	G	0	0
rs9856575	NISCH	A/G	03p	G	0.022522523	0.009090909
rs9865715	CYP8B1	A/G	03p	A	0	0
rs9868848	ZFYVE20	A/G	03p	G	0.040909091	0.044642857
rs9868950	EFHB	G/T	03p	G	0.004504504	0
rs9872723		A/C	03p	C	0	0.00462963
rs9874077	CDCP1	C/T	03p	T	0	0
rs1042155	IL12A	C/T	03q	C	0	0
rs1048032	WDR53	A/C	03q	C	0	0
rs1054263	GTPBP8	G/T	03q	T	0.03125	0.053571429
rs1062553	EHHADH	C/T	03q	T	0	0
rs1063955	NR1I2	A/G	03q	A	0	0
rs11706273	ABCF3	C/T	03q	T	0.04954955	0.026785714
rs12489516	CPA3	C/T	03q	C	0.040178571	0.027027027
rs12490341	NMD3	A/G	03q	A	0	0
rs1290666		G/T	03q	T	0.004504505	0
rs13043	FAIM	A/G	03q	G	0.022321429	0.013392857
rs1378795	VEPH1	A/T	03q	A	0.004545454	0
rs1381837	LOC151760	A/G	03q	A	0.013513513	0.008928571
rs1381838	LOC151760	C/T	03q	C	0	0
rs140693	MBD4	A/G	03q	A	0	0
rs1546732	COMMD2	A/T	03q	T	0	0

rs15648	COPG	A/G	03q	G	0	0
rs15660	KPNA1	A/C	03q	A	0	0
rs1799807	BCHE	A/G	03q	G	0	0
rs1800572	SLC2A2	A/G	03q	A	0	0
rs1801726	CASR	C/G	03q	G	0	0
rs1920314	SLC15A2	G/T	03q	G	0	0.004504504
rs2068178	ARPM1	A/G	03q	A	0.031531531	0.017857143
rs2241559	AMOTL2	C/T	03q	T	0	0
rs2271496	SIDT1	C/T	03q	T	0.027272727	0.022321429
rs2276717	SLC7A14	A/G	03q	A	0	0
rs2276761	MED12L	A/G	03q	A	0	0
rs2276790	MFI2	C/T	03q	T	0	0.008928571
rs2276802	KCNMB3	A/C	03q	C	0.009009009	0.009259259
rs2276872	CD96	C/G	03q	G	0	0
rs2287579	PLD1	C/T	03q	T	0	0
rs2290477	KIAA2018	A/C	03q	A	0.005	0.02
rs2291397	PIGX	A/G	03q	A	0	0
rs2293203	MCF2L2	A/T	03q	A	0.013392857	0.013392857
rs2302819	EHHADH	A/G	03q	A	0	0.013636364
rs2305868	HLTF	A/G	03q	G	0.03125	0.031531532
rs2306211	POLQ	A/G	03q	A	0.026785714	0.004545454
rs2307289	MBD4	C/T	03q	C	0	0
rs2307293	MBD4	C/G	03q	C	0.017857143	0.013392857
rs2307298	MBD4	C/T	03q	C	0.027027027	0.02293578
rs2307313	MCM2, PODXL2	A/G	03q	A	0	0
rs2316680		A/C	03q	A	0	0.010638298
rs2316681		A/G	03q	G	0	0.005494506
rs2692622	PLA1A	C/T	03q	T	0	0
rs2931761	BTLA	A/C	03q	C	0	0
rs3192151	TOPBP1	A/C	03q	C	0	0
rs3218637	POLQ	A/G	03q	A	0	0
rs3218640	POLQ	A/G	03q	A	0	0
rs3218642	POLQ	A/C	03q	A	0.018181818	0.017857143
rs340151	TMPRSS7	A/T	03q	A	0.03125	0.058035714
rs3732401	GTF2E1	C/T	03q	T	0.035714286	0.017857143
rs3732452	LRRC31	G/T	03q	T	0	0
rs3732485	MYLK	C/T	03q	T	0.004464286	0.008928571

rs3732576	MAP3K13	C/T	03q	T	0	0
rs3732619	LOC152118	A/G	03q	A	0.013392857	0.04054054
rs3732756	GPR171, MED12L	C/T	03q	C	0.018018018	0.017857143
rs3732775	IGSF10	A/T	03q	A	0.009090909	0.013392857
rs3733008	HRG	A/G	03q	G	0	0
rs3749323	ZBTB11	A/G	03q	A	0	0
rs3749330	MUC4	A/C	03q	A	0	0
rs3749394		A/G	03q	G	0.013392857	0.017857143
rs3774787	C3orf25	A/G	03q	G	0.004504505	0
rs3796164	MYLK	A/G	03q	G	0.022321429	0.027027027
rs3796241	CLRN1	A/T	03q	T	0	0
rs3804769	SLC33A1	C/T	03q	C	0.045454545	0.067567568
rs3821446		A/T	03q	A	0.008928571	0
rs4510407		A/G	03q	A	0	0
rs4678193	KPNA1	C/T	03q	C	0.018181818	0.013513513
rs4682484		C/T	03q	T	0.013392857	0.022522523
rs4855576	MORC1	A/T	03q	A	0.018181818	0.013392857
rs5030015	KNG1	A/G	03q	A	0	0
rs5030024	KNG1	C/T	03q	C	0	0
rs6438544	C3orf15	C/G	03q	G	0	0
rs6583275		C/T	03q	T	0	0
rs6772440		C/G	03q	C	0	0
rs6773138	SLC12A8	C/T	03q	C	0.022727273	0.044642857
rs6782974	LOC257039	A/G	03q	A	0.017857143	0.026785714
rs6785067	FETUB	A/G	03q	A	0.004464286	0.008928571
rs6791226		A/T	03q	T	0.022321429	0.035714286
rs6802937	NAALADL2	C/T	03q	C	0	0.004464286
rs6804951	MCF2L2	C/T	03q	T	0.049107143	0.066964286
rs6809863		C/T	03q	T	0	0.004587156
rs702017	POLQ	G/T	03q	G	0.004464286	0
rs7433088		A/G	03q	A	0	0
rs7433911		A/G	03q	A	0	0
rs751793	CDGAP	C/T	03q	T	0.008928571	0.008928571
rs7633387	ECE2, CAMK2N2	C/T	03q	C	0.031914894	0.052941176
rs7637863	SLC2A2	A/G	03q	A	0.004504504	0
rs768527	FILIP1L, C3orf26	C/T	03q	T	0	0
rs769533		A/G	03q	G	0	0



rs784689	TMCC1	C/T	03q	T	0	0
rs8177238	TF	A/G	03q	G	0	0.009009009
rs863642	SLC12A8	A/G	03q	G	0	0
rs9288952	BTLA	A/G	03q	G	0.049107143	0.053571429
rs9836111	C3orf25	C/T	03q	C	0	0
rs9869292	C3orf43	A/G	03q	A	0	0.004504504
rs9869984	HCLS1	C/G	03q	C	0	0
rs9917722	SI	C/G	03q	C	0.004464286	0
rs10001580	PGM2	A/C	04p	C	0.017857143	0.017857143
rs10009150	S100P	A/G	04p	G	0.014285714	0
rs1064372	RBPJ	A/G	04p	G	0	0
rs1064384	RBPJ	A/G	04p	A	0	0
rs11466649	TLR10	G/T	04p	T	0.044642857	0.05
rs11466653	TLR10	C/T	04p	C	0.044642857	0.049107143
rs11466655	TLR10	A/G	04p	A	0.004504504	0.009433962
rs11466657	TLR10	C/T	04p	C	0.040909091	0.026785714
rs11466658	TLR10	C/T	04p	T	0.026785714	0.036036036
rs1488269	FLJ45721	C/T	04p	T	0	0
rs2066791	RFC1	A/G	04p	G	0	0
rs2227843	DRD5	A/G	04p	A	0	0
rs2227852	DRD5	A/G	04p	A	0	0
rs2229296	ZNF141	A/G	04p	G	0	0
rs2230720	WFS1	C/T	04p	T	0	0
rs2269497	RGS12	A/G	04p	G	0.022321429	0.03125
rs2276887	TMEM156	A/G	04p	G	0.004464286	0
rs2279252	EVC	C/T	04p	T	0.009345794	0.033980583
rs2286866	KIAA0746	C/G	04p	C	0	0
rs2295497	ADD1	A/G	04p	A	0	0
rs2302464	BST1	C/T	04p	T	0.026785714	0.03125
rs2581423	SLC30A9	C/T	04p	T	0.031531532	0.018518519
rs3025837	HD	G/T	04p	G	0	0.004464286
rs3135152	LOC402160	C/T	04p	T	0	0
rs363129	HD	A/G	04p	A	0	0.008928571
rs3733500	C4orf19	A/G	04p	G	0	0
rs3736265	PPARGC1A	A/G	04p	A	0.040909091	0.022727273
rs3792687	ATP8A1	C/T	04p	T	0	0
rs3822227	FAM44A	C/T	04p	T	0	0.004464286

rs3923647	TLR1	A/T	04p	T	0.03125	0.040178571
rs4241069	LOC375010	C/T	04p	T	0	0.004504505
rs4461553	CCDC4	G/T	04p	T	0.040540541	0.036036036
rs4833069	CENTD1	C/T	04p	C	0.004672897	0.013513513
rs4974836		G/T	04p	T	0.023584906	0.01980198
rs4993355		C/T	04p	C	0.04054054	0.09375
rs5743612	TLR1	C/T	04p	T	0	0.009433962
rs5743808	TLR6	C/T	04p	C	0.004464286	0.008928571
rs5743809	TLR6	C/T	04p	C	0	0
rs6449160		A/C	04p	C	0	0
rs6823649		A/G	04p	A	0.004464286	0
rs6825562	KIAA1276	A/G	04p	A	0	0
rs6840615	BST1	A/G	04p	G	0	0.014423077
rs7656657		G/T	04p	T	0	0
rs886532	C4orf6	G/T	04p	T	0.004464286	0.004464286
rs955713		A/G	04p	A	0	0
rs9684214	ZNF718	A/G	04p	G	0	0
rs9684215	ZNF718	A/C	04p	C	0	0
rs1031639	THAP9	C/T	04q	C	0	0
rs1034494	FREM3	C/G	04q	G	0	0.013392857
rs1041969	ADH1B	A/C	04q	A	0	0
rs10517695	FLJ25371	A/G	04q	A	0.013636364	0.004464286
rs1053668	CAMK2D	C/G	04q	G	0	0
rs11098261	UGT8	A/G	04q	A	0	0.004464286
rs11098943	MFSD8	C/G	04q	G	0	0.009174312
rs1135003	RAPGEF2	G/T	04q	T	0	0
rs1139776	KDR	A/T	04q	A	0	0
rs11568849	EGF	A/C	04q	C	0	0
rs11568943	EGF	A/G	04q	A	0.040178571	0.0625
rs11569017	EGF	A/T	04q	T	0	0
rs11569046	EGF	C/T	04q	C	0.004464286	0.009009009
rs11569736		G/T	04q	G	0	0.004464286
rs11574696	CASP6	A/C	04q	A	0	0
rs11574697	CASP6	A/G	04q	A	0	0
rs11939152		A/C	04q	A	0.004464286	0
rs12500437	DCHS2	G/T	04q	G	0.04054054	0.013761468
rs12650153	FAT4	A/G	04q	G	0	0

rs1280097	FAT	C/G	04q	C	0.004504504	0.004464286
rs1442138	MMRN1	C/T	04q	C	0.045454545	0.040178571
rs1550931	C4orf36	G/T	04q	G	0.004672897	0.022727273
rs1613461	C4orf40	C/T	04q	T	0.013392857	0.026785714
rs1782360	LRBA	C/G	04q	G	0.049107143	0.04954955
rs1801612	PKD2	A/G	04q	G	0.004464286	0
rs1849119	GYPB	C/T	04q	C	0	0
rs1876268	NEIL3	A/G	04q	G	0.035714286	0.027027027
rs2066870	FGG	C/T	04q	C	0	0.004672897
rs2074380	ALPK1	A/G	04q	A	0.004464286	0
rs2074381	ALPK1	A/G	04q	G	0.004464286	0.004464286
rs2074383		C/G	04q	G	0	0
rs2170646	GUCY1A3	C/T	04q	T	0	0
rs2271513		A/G	04q	A	0	0
rs2278542	KLKB1	A/C	04q	A	0	0.004464286
rs2288676	ANP32C	A/G	04q	G	0.04954955	0.058035714
rs2304867	FAT	A/G	04q	A	0.018018018	0.022727273
rs2306986	MTTP	C/G	04q	C	0.044554455	0.072815534
rs2319796	TMPRSS11B	A/C	04q	A	0	0
rs2463447	CCDC111	A/G	04q	A	0	0.004464286
rs2609428	ENAM	C/T	04q	C	0.004464286	0.004464286
rs283413	ADH1C	G/T	04q	T	0.027027027	0.022321429
rs2898750	TUBB4Q	C/T	04q	T	0	0
rs29372	ANK2	C/T	04q	C	0	0.004672897
rs3113676	BANK1	C/T	04q	T	0.008928571	0.017857143
rs3133166		C/G	04q	G	0.009009009	0
rs3204504	ALB	C/T	04q	T	0	0
rs369533		C/T	04q	T	0.032608696	0.044554455
rs3733319	MFSD8	A/G	04q	A	0.017857143	0.018018018
rs3733378	AFF1	C/G	04q	C	0	0.004504504
rs3733617	ANK2	C/T	04q	T	0.035714286	0.0625
rs3750025	DSPP	C/T	04q	T	0.008928571	0.022321429
rs3762891	LOC91431	C/G	04q	G	0	0
rs3775091	MGC16169	C/G	04q	C	0	0
rs3792683	MTTP	A/G	04q	G	0.035714286	0.04954955
rs3796543	AASDH	A/G	04q	G	0.022321429	0.022321429
rs3796703	ENAM	C/T	04q	T	0.004504505	0.017857143

rs3796704	ENAM	A/G	04q	A	0.022727273	0.054545454
rs3797036	SEC31A	A/C	04q	C	0	0
rs3811835		A/G	04q	A	0.013513513	0.013513513
rs398179		C/T	04q	C	0	0
rs4132835	LOC728193	C/T	04q	T	0	0
rs4150050	CCNG2	G/T	04q	G	0.008928571	0.026785714
rs4253373	KLKB1	A/C	04q	A	0	0
rs4253377	KLKB1	G/T	04q	G	0	0
rs4317244	C4orf20, ANKRD37	C/G	04q	G	0.031818182	0.03125
rs4413373	HERC6	C/T	04q	T	0	0
rs4648099	NFKB1	G/T	04q	G	0	0
rs4660	SPP1	A/G	04q	A	0	0
rs5030593	CASP6	A/T	04q	T	0.01	0.005050505
rs550625	FLJ20035	A/G	04q	A	0.035714286	0.067567568
rs5523	NR3C2	A/C	04q	C	0	0
rs5527	NR3C2	A/G	04q	G	0	0
rs5578	NPY1R	A/C	04q	C	0.004464286	0.008928571
rs5743318	TLR3	A/T	04q	A	0	0
rs5743704	TLR2	A/C	04q	A	0.03125	0.035714286
rs5949	ANXA3	C/T	04q	T	0	0
rs5951	ANXA3	A/G	04q	A	0	0
rs5969	F11	A/G	04q	G	0.004464286	0.004464286
rs6054	FGB	C/T	04q	T	0	0
rs6063	FGG	A/G	04q	A	0	0.004464286
rs619128	FLJ25371	C/T	04q	C	0	0
rs6532068	HERC6	C/T	04q	T	0.004504505	0
rs6535883		C/T	04q	C	0.009009009	0.017857143
rs6553695		C/T	04q	T	0.004464286	0.004464286
rs662473	FLJ25371	C/T	04q	T	0	0
rs6812670	LOC389217, LOC650865	A/T	04q	A	0	0.004504504
rs6815360	ODZ3	G/T	04q	T	0.03125	0.040540541
rs6817280	HEL308	A/G	04q	A	0	0.004464286
rs6829380		C/G	04q	G	0.013392857	0.004504505
rs6830772	LOC389217, LOC650865	C/T	04q	C	0	0.004464286
rs6843141	KIAA1546	A/G	04q	A	0.027027027	0.022522522
rs6855526		G/T	04q	T	0	0
rs726575	FAT	A/G	04q	A	0	0.004464286

rs7435825	SPP1	A/G	04q	A	0.004464286	0.009009009
rs755078	KIAA0922	A/C	04q	A	0	0
rs7671281	ENAM	C/T	04q	C	0.03125	0.053571429
rs7684722	FRAS1	A/G	04q	A	0	0.008928571
rs8192111	MGST2	C/T	04q	T	0	0
rs9016	GC	A/G	04q	A	0.009009009	0
rs966845	PDLIM5	A/G	04q	G	0.022522523	0.008928571
rs9991501	HSD17B11	C/T	04q	T	0.031818182	0.040540541
rs10039751		A/G	05p	A	0	0
rs10043902		A/T	05p	A	0	0
rs1035480	RANBP3L	C/G	05p	C	0.022321429	0.031531531
rs1061518	SDHA	G/T	05p	G	0.004464286	0
rs12654652	LOC391764	A/C	05p	A	0	0.010869565
rs1318743		C/T	05p	C	0.008928571	0.026785714
rs1805328	RAD1	C/G	05p	G	0.022321429	0.022727273
rs180749	AGXT2	A/G	05p	G	0	0
rs2277042	SPEF2	A/G	05p	A	0	0.004504504
rs2277044	SPEF2	G/T	05p	G	0	0.004464286
rs2278329	OSMR	A/G	05p	A	0	0.013761468
rs2291703	NIPBL	C/T	05p	C	0	0.004464286
rs2303708	NSUN2	A/G	05p	A	0	0
rs2303743	LIFR	C/T	05p	C	0	0
rs2303986	ROPN1L	A/G	05p	A	0.009090909	0
rs2335585	ZDHHC11	A/C	05p	A	0	0
rs26722	SLC45A2	C/T	05p	T	0.038461539	0.015151515
rs2963283		C/G	05p	G	0	0
rs3088211	AGXT2	A/C	05p	A	0	0
rs3195678	AMACR	C/T	05p	C	0	0
rs3747738	ZDHHC11	A/G	05p	A	0	0.004504504
rs3749741	FYB	C/T	05p	C	0	0
rs3792646	C7	A/C	05p	C	0	0
rs3806873	KIAA0947	A/G	05p	G	0.022522523	0.013392857
rs3806874	KIAA0947	A/G	05p	A	0	0
rs401759		C/G	05p	G	0	0
rs41469	TAS2R1	A/G	05p	A	0.004504504	0.004464286
rs6182	GHR	G/T	05p	T	0.026785714	0.009090909
rs6183	GHR	A/C	05p	A	0	0

rs6184	GHR	A/C	05p	A	0.018018018	0.013761468
rs673855	C5orf39	A/G	05p	A	0.022321429	0.0625
rs6875303	SPEF2	A/G	05p	G	0	0.004504505
rs6884696		A/T	05p	A	0.049107143	0.031531531
rs6897179	EGFLAM	A/C	05p	A	0.022522522	0.022522522
rs700241	DAB2	A/G	05p	A	0.018181818	0.027027027
rs7722702		G/T	05p	T	0.031531532	0.022522523
rs7732300	LOC728613, LOC731489	C/T	05p	T	0.004464286	0.009009009
rs782983	ZNF131	C/G	05p	G	0	0
rs9312870	FAM105B	A/G	05p	G	0	0.004464286
rs9313105	ADAMTS16	C/T	05p	T	0	0
rs10059437	LOC643201	A/G	05q	A	0	0
rs10180	IL6ST	A/T	05q	A	0	0
rs1044463	SNX2	G/T	05q	T	0	0
rs1051309	ANKHD1, MASK-BP3	A/G	05q	A	0.017857143	0.013513513
rs1055103	F2R	C/G	05q	C	0	0
rs1062020	KIAA0372	G/T	05q	T	0	0
rs11134804	ADAM19	C/G	05q	G	0	0.004464286
rs11134940	CPLX2	A/G	05q	A	0	0
rs11241887		A/G	05q	G	0.040178571	0.027027027
rs1143650	HSD17B4	C/G	05q	G	0	0
rs11567997	CDC25C	C/G	05q	C	0.036036036	0.03125
rs11568525	SLC22A5	C/T	05q	T	0	0
rs11957794	DTWD2	C/T	05q	C	0	0.004464286
rs12653541	MST150	C/T	05q	T	0.049107143	0.0625
rs1363422	NMUR2	C/T	05q	C	0	0
rs1488596	FLJ43080	A/G	05q	G	0	0.004545455
rs1643702	CAST	C/T	05q	T	0	0
rs1697144	CD180	A/G	05q	A	0	0.004504504
rs175916	BDP1	C/T	05q	T	0	0
rs183490		C/T	05q	T	0.004464286	0.013392857
rs1870971		A/T	05q	A	0.027777778	0.054545454
rs194134	MYOZ3	A/G	05q	A	0.008928571	0.018018018
rs2004302		C/T	05q	T	0.013392857	0.004464286
rs2044909	C5orf36	A/G	05q	G	0.004464286	0
rs2069640	CSF2	C/T	05q	T	0	0
rs2069683	F2RL2, IQGAP2	A/G	05q	G	0	0.022321429

rs2069700	F2RL2, IQGAP2	A/G	05q	G	0.027027027	0.03125
rs2115480	FAM71B	A/G	05q	A	0	0
rs2228647		A/G	05q	A	0.035714286	0.022522522
rs2230303	GPX3, TNIP1	G/T	05q	G	0	0.008928571
rs2230523	CD180	A/G	05q	G	0	0
rs2230524	CD180	C/T	05q	C	0.009174312	0.004854369
rs2231471	CDC23	C/T	05q	T	0	0
rs2233295	TNIP1	C/T	05q	T	0	0.004464286
rs2243062	F2RL1	A/G	05q	A	0.004464286	0
rs2243072	F2RL1	C/T	05q	T	0.03125	0.03125
rs2266691	CCNH	A/G	05q	G	0	0
rs2278240	CMYA5	A/G	05q	A	0.013392857	0
rs2278370	FAT2	C/T	05q	T	0.026785714	0.018018018
rs2278371	FAT2	C/T	05q	T	0.026785714	0.017857143
rs2287870	ITGA2	C/T	05q	C	0	0.004464286
rs2287932	IQGAP2	G/T	05q	T	0	0
rs2288792	SLIT3	A/G	05q	A	0	0
rs2289879		C/T	05q	T	0.013392857	0.004464286
rs2303018	TNIP1	A/G	05q	A	0	0
rs2303078	HMMR	A/G	05q	A	0.027027027	0.049549549
rs2370257		A/G	05q	A	0.026785714	0.063063063
rs2438374	GPR98	A/G	05q	A	0.044642857	0.053571429
rs2438378	GPR98	A/G	05q	G	0.00462963	0.004464286
rs246679	PCDHB1	C/G	05q	C	0.049107143	0.013636364
rs2472647		C/T	05q	C	0.022321429	0.03125
rs2530245	WDR55	A/G	05q	A	0	0.004464286
rs2545093	TRIM52	A/C	05q	A	0.03125	0.036036036
rs2560306	ZNF474	C/T	05q	T	0.027027027	0.022727273
rs26008	FNIP1	C/T	05q	T	0.044642857	0.084821429
rs2614436		C/T	05q	T	0.049107143	0.027027027
rs271254		C/T	05q	T	0	0.026785714
rs282414	RGNEF	A/G	05q	G	0	0.004716981
rs2887694		A/C	05q	A	0.026785714	0.066964286
rs2909888	IQGAP2	A/G	05q	A	0	0
rs2913782		C/G	05q	C	0.015463917	0
rs30832	SLC26A2	A/G	05q	A	0.018867924	0.02970297
rs3104230	CDC20B	G/T	05q	T	0.009009009	0.013761468

rs31738	PCDHB1	A/G	05q	G	0	0
rs3188121		A/T	05q	A	0.033980582	0.09047619
rs3212645	ITGA2	A/C	05q	C	0	0
rs3213096	IL12B	A/G	05q	A	0	0.018018018
rs32209	FBN2	C/T	05q	C	0.031531531	0.031531531
rs3730293		C/T	05q	C	0	0.004587156
rs3733712		G/T	05q	G	0	0
rs3733905	LRAP	C/T	05q	T	0.009009009	0.013392857
rs3733920	CD180	C/G	05q	C	0.004504504	0.009009009
rs3733923	DCTN4	A/G	05q	A	0	0.004464286
rs3734016	ARTS-1	A/G	05q	A	0.031818182	0.04054054
rs3734053	FAT2	C/T	05q	T	0.004464286	0.004464286
rs3734056	FAT2	C/T	05q	T	0	0
rs3734091	XRCC4	A/C	05q	A	0	0.00462963
rs3734094	VCAN	C/G	05q	G	0	0
rs3734173	RNUXA	A/G	05q	A	0.04054054	0.05
rs3748042	BDP1	A/G	05q	G	0	0
rs3749671	MRPL22	C/T	05q	T	0.017857143	0.036036036
rs3749760	FCHSD1	A/C	05q	A	0.013392857	0.013513513
rs3749768		A/G	05q	A	0.040178571	0.013513513
rs3749779	SLC25A2	G/T	05q	G	0.004504504	0
rs3822453		A/T	05q	T	0.031818182	0.094594595
rs3822530	IQGAP2	C/G	05q	G	0	0
rs3822587	POLK	A/G	05q	G	0	0.022321429
rs3822659	WWC1	A/C	05q	C	0	0
rs3822660	WWC1	A/C	05q	A	0	0
rs3828611	CMYA5	C/G	05q	G	0.04954955	0.044642857
rs3896260	CATSPER3	G/T	05q	G	0	0.004464286
rs412051	BRD8	C/T	05q	T	0.04	0.014563107
rs423074	CDC20B	C/T	05q	T	0	0
rs443101	LOC51149	C/G	05q	C	0	0
rs4489037	ANKRD31	C/T	05q	T	0	0
rs4987205		C/T	05q	T	0	0
rs4990389	LOC285679	A/G	05q	A	0	0
rs525886		C/G	05q	C	0	0
rs5327	DRD1	A/C	05q	C	0	0
rs5328	DRD1	C/G	05q	G	0	0



rs5908	HMGCR	A/G	05q	G	0.008928571	0.022522523
rs616235	F2RL1	C/T	05q	C	0	0
rs6195	NR3C1	A/G	05q	G	0.022522523	0.031531532
rs6556276	GPRIN1	C/T	05q	T	0	0
rs6594681	MCC	C/T	05q	T	0	0
rs6595908	ADAMTS19	A/G	05q	A	0	0.008928571
rs6860609		C/T	05q	T	0.004464286	0
rs6864342	HAPLN1	C/T	05q	C	0	0.008928571
rs6865472	JMJD1B	A/G	05q	G	0	0.004504505
rs6867257		C/T	05q	T	0	0
rs6869286	LOC728780	A/G	05q	G	0	0.004464286
rs6872614	FAT2	A/G	05q	A	0	0
rs6873053	TIMD4	A/G	05q	A	0.04054054	0.081081081
rs6881827		C/T	05q	T	0	0
rs6890689	MYOT	A/C	05q	A	0.004464286	0
rs6892335	FAT2	A/G	05q	A	0.008928571	0
rs6894728	FLJ43080	C/T	05q	T	0	0.004545455
rs6896658		G/T	05q	T	0	0
rs7700833	PCDHB8	C/T	05q	T	0.009009009	0.004504505
rs7705168	FBXL21	A/T	05q	A	0	0
rs7706614	JMJD1B	A/G	05q	A	0.022522522	0.040909091
rs7709531	LOC728264	A/G	05q	A	0	0
rs7715021	APBB3	C/G	05q	G	0	0
rs7722386	GPX3, TNIP1	A/G	05q	G	0	0
rs7724840		C/T	05q	T	0	0
rs7727835	ISCA1L	A/C	05q	C	0.004464286	0
rs7729495	GPR98	C/T	05q	C	0	0
rs7730228	FNIP1	A/C	05q	C	0.004464286	0.004464286
rs7731575	TIMD4	C/T	05q	T	0	0
rs878103		G/T	05q	T	0	0
rs888857	PRDM6	A/C	05q	C	0.031531532	0.085585586
rs889057	SOX30	A/G	05q	A	0	0
rs917535	PCDHB11	C/T	05q	T	0.022321429	0.022321429
rs9324996	PRELID2	C/T	05q	C	0.004545454	0
rs988574	ITGA1	A/G	05q	G	0.03125	0.013392857
rs1024196	DST	A/G	06p	G	0.049107143	0.040178571
rs10305492	GLP1R	A/G	06p	A	0.017857143	0.022321429

rs1042151	HLA-DPB1	A/G	06p	G	0	0.014285714
rs1042153	HLA-DPB1	A/G	06p	A	0.023364486	0.042056075
rs1042335	HLA-DPB1	C/T	06p	T	0.019230769	0
rs1046141		A/G	06p	G	0.008928571	0.004464286
rs1051566	GSTA1	A/G	06p	A	0	0
rs1051798	MICA	C/T	06p	T	0	0
rs1057933	BTN3A1	A/G	06p	A	0.004504504	0
rs1062505	GPLD1	A/G	06p	A	0	0
rs10946705	KIAA0319	C/G	06p	G	0	0
rs1126511	HLA-DPB1	G/T	06p	T	0.009345794	0.023809524
rs1126513	HLA-DPB1	G/T	06p	T	0.023364486	0.046296296
rs1142345	TPMT	A/G	06p	G	0.027272727	0.054545455
rs11465553	IL17F	A/G	06p	A	0.040178571	0.035714286
rs1150674	ZNF389	A/G	06p	G	0.045045045	0.071428571
rs11965420		A/G	06p	G	0.008928571	0.004504505
rs11969769	MOCS1	G/T	06p	T	0.017857143	0.013392857
rs12212092	TRIM10	C/T	06p	T	0.049107143	0.066964286
rs1225746	SYCP2L	C/T	06p	C	0.004464286	0.013888889
rs1226475	GPR110	C/T	06p	C	0.004464286	0.017857143
rs12530380	CYP21A2, TNXB	A/T	06p	A	0	0
rs1330796		A/G	06p	G	0	0
rs1459675	ZNF318	A/G	06p	A	0.004545454	0.008928571
rs15245	BTBD9	G/T	06p	T	0	0
rs1570624	EFHC1	C/T	06p	T	0.013392857	0.004464286
rs1611610		G/T	06p	T	0.040909091	0.013636364
rs1635	NKAPL	G/T	06p	T	0.049107143	0.051401869
rs1678674	DNAH8	A/G	06p	A	0.044642857	0.013392857
rs176250	BRD2	A/G	06p	A	0.013513513	0.009174312
rs1772256	GPLD1	A/G	06p	G	0.015306122	0.015957447
rs1802127	MSH5, C6orf26	C/T	06p	T	0.017857143	0.044642857
rs1802323	LY86	A/G	06p	G	0	0.004464286
rs1805018	PLA2G7	C/T	06p	C	0.035714286	0.049107143
rs186556	SLC29A1	C/T	06p	T	0	0
rs1923185	GMNN	A/C	06p	C	0.022727273	0.044642857
rs1980600	BTN1A1	C/T	06p	C	0	0.004464286
rs2070600	AGER, PBX2	A/G	06p	A	0.035714286	0.044642857
rs2071289	AGPAT1, EGFL8	G/T	06p	T	0	0

rs2074467	OR10C1	G/T	06p	T	0	0
rs2074468	OR10C1	A/G	06p	A	0.013513513	0.013392857
rs2076185	C6orf105	A/G	06p	A	0.040178571	0.03125
rs2076299	DSP	A/G	06p	G	0.045045045	0.05
rs2076484	UBD	C/T	06p	C	0.040178571	0.017857143
rs2076486	UBD	C/T	06p	C	0.040178571	0.017857143
rs2076487	UBD	C/G	06p	G	0.035714286	0.017857143
rs2076489	GABBR1	C/T	06p	C	0	0
rs2228218	HIVEP1	A/G	06p	A	0	0
rs2230239	MCM3	C/T	06p	T	0	0
rs2230653	HIST1H1C	C/T	06p	T	0.017857143	0.03125
rs2233975	C6orf15	A/G	06p	G	0	0.018867925
rs2234028	TBCC	C/T	06p	T	0	0.00462963
rs2254847		A/T	06p	T	0.026785714	0.049107143
rs2274515	PEX6	A/G	06p	A	0.045045045	0.045454545
rs2281388		C/T	06p	T	0.022321429	0.008928571
rs2295666	BAT4	C/T	06p	T	0	0
rs2296333	ITPR3	A/C	06p	A	0	0
rs2298090	HIST1H1E, HIST1H2BD	A/G	06p	G	0.013392857	0.017857143
rs2307306	GMNN	C/T	06p	T	0.008928571	0.026785714
rs2307307	GMNN	C/G	06p	C	0	0
rs2535241	ZFP57	A/T	06p	T	0.026785714	0.049107143
rs2621330		A/G	06p	A	0.022321429	0.040909091
rs2734318	C4B	C/G	06p	C	0.00462963	0
rs2736158	BAT2	C/G	06p	G	0.027777778	0.018518519
rs2736182	AIF1	C/T	06p	T	0.018018018	0.022321429
rs2744550	KIAA0319	C/T	06p	C	0.004464286	0.004504504
rs2744559	KIAA0319	C/T	06p	T	0.022522523	0.009009009
rs2758910	KCNK17	C/T	06p	T	0	0
rs3098019	HLA-A, HLA-A29.1	G/T	06p	G	0	0
rs3130645	MDC1	A/G	06p	G	0.049107143	0.104545455
rs3176950	HLA-DPB1	A/G	06p	A	0	0.009615385
rs3734401	NEDD9	A/G	06p	A	0.004545454	0.009009009
rs3734539	BTN2A1	C/T	06p	T	0	0
rs3734814	HLA-F	A/C	06p	C	0	0
rs3749952	LY6G6D	G/T	06p	G	0.018018018	0.027522936
rs3765310	ALDH5A1	C/T	06p	T	0	0.00990099

rs3798751	SYCP2L	A/G	06p	G	0.040540541	0.027272727
rs386014		C/G	06p	G	0.045045045	0.013636364
rs3891160		C/G	06p	G	0.040178571	0.049107143
rs3891161		C/T	06p	T	0	0
rs3891162		C/T	06p	C	0.008928571	0
rs409029	ZNF452	C/T	06p	C	0	0
rs4127052		C/T	06p	C	0	0
rs4134982	E2F3	A/G	06p	A	0.004504504	0.013392857
rs4151648	CFB, C2	C/T	06p	T	0	0
rs4151651	CFB	A/G	06p	A	0.026785714	0.026785714
rs4151659	CFB, RDBP	A/G	06p	G	0.009090909	0.026785714
rs4151667	CFB	A/T	06p	A	0.036363636	0.03125
rs4947338	C6orf10	A/C	06p	C	0.017857143	0.009009009
rs4987115	BAK1	C/T	06p	T	0	0
rs505760	EFHC1	A/G	06p	A	0	0
rs539351	GCNT2	C/G	06p	C	0	0
rs543580	TBC1D7	A/C	06p	C	0.004504505	0.017857143
rs567083	MAK	A/G	06p	A	0.018181818	0.031818182
rs5743651	LY86	A/G	06p	G	0	0.004504505
rs5984	F13A1	C/T	06p	T	0	0
rs6413478	EDN1	A/G	06p	A	0	0.004545454
rs6459165	DST	G/T	06p	G	0.008928571	0.004464286
rs6596807		A/G	06p	G	0.018018018	0.027027027
rs6596842		A/C	06p	C	0	0
rs6900196	HIVEP1	A/G	06p	A	0.004545454	0.008928571
rs6915800	SLC44A4	A/G	06p	A	0	0
rs6922302	ZNF323	C/G	06p	G	0	0.008928571
rs6924628	GPLD1	C/T	06p	T	0.013392857	0.004545455
rs6928338	KLHL31	G/T	06p	T	0	0
rs6928954		C/T	06p	T	0.008928571	0.004464286
rs723580		A/G	06p	G	0.044642857	0.066964286
rs733743	ZKSCAN3	C/G	06p	G	0.036697248	0.060185185
rs740884	GABBR1	C/T	06p	T	0.04954955	0.075892857
rs763780	IL17F	C/T	06p	C	0.022321429	0.053571429
rs766773	GFOD1, C6orf114	A/T	06p	T	0	0.009009009
rs7749306	C6orf52	G/T	06p	T	0.017857143	0.026785714
rs7764491		C/G	06p	G	0.03125	0.040178571

rs805295	C6orf21	A/G	06p	A	0.026785714	0.022522522
rs910161		C/T	06p	T	0.026785714	0.008928571
rs9260160		C/G	06p	C	0.009009009	0.004716981
rs9266161		A/G	06p	G	0.004854369	0
rs9277343	HLA-DPB1	C/G	06p	G	0	0.004901961
rs9277345	HLA-DPB1	A/T	06p	A	0	0
rs9277354	HLA-DPB1	A/G	06p	A	0.010752688	0.040229885
rs9332739	C2	C/G	06p	C	0.035714286	0.03125
rs9333554	POLH	C/T	06p	C	0	0
rs9333555	POLH	A/G	06p	G	0.018181818	0.027777778
rs9348906		G/T	06p	G	0	0.004464286
rs9380030	OR2B6	A/G	06p	G	0.036697248	0.022522523
rs9380345		C/T	06p	T	0	0
rs9381231	CUL7	C/T	06p	C	0	0
rs10081139	NT5E	C/T	06q	C	0.049107143	0.080357143
rs10334	PSMB1	G/T	06q	T	0	0
rs1044057	STX7	A/G	06q	A	0	0
rs1048197	SMPD2	A/G	06q	A	0.036036036	0.058558559
rs10484830	C6orf167	A/G	06q	A	0.03125	0.045045045
rs10541	PSMB1	A/T	06q	A	0	0
rs1061347	SENP6	A/G	06q	A	0	0
rs10944433	ACY1L2	A/G	06q	G	0	0.004504505
rs109836	HIVEP2	C/T	06q	T	0.026785714	0.027027027
rs11153982		A/C	06q	C	0	0
rs11154964	KIAA1244, PBOV1	A/G	06q	G	0	0.004504505
rs12526094	TLL2	A/G	06q	A	0	0
rs1262686	GPR126	A/G	06q	A	0.008928571	0.008928571
rs130060	HTR1B	G/T	06q	G	0.018018018	0.009009009
rs1537172	TCP10, TCP10L2	G/T	06q	T	0	0
rs1555498	IL20RA	C/T	06q	C	0.017857143	0.008928571
rs1571767	TIAM2, TFB1M	A/T	06q	A	0.004464286	0.009009009
rs17621	DDO	C/T	06q	T	0	0
rs17623	DDO	G/T	06q	G	0	0
rs1801474	PARK2	A/G	06q	A	0.022522522	0.004464286
rs1887415	IFNGR1	C/T	06q	C	0	0
rs1967446	BCLAF1	A/C	06q	C	0	0
rs2027063	TCTE3	A/C	06q	A	0.008928571	0.03125

rs210622	DCBLD1	A/G	06q	A	0	0.004464286
rs210968	ROS1	A/C	06q	C	0	0
rs2173105		A/G	06q	A	0.027522936	0.014423077
rs2228961	GJA1	A/G	06q	A	0	0.004464286
rs2230143	VIL2	C/G	06q	C	0	0
rs2235076	GRIK2	A/G	06q	A	0.036036036	0.022321429
rs2273510	CCDC28A	C/T	06q	T	0.008928571	0.022522523
rs2279381	FABP7	A/G	06q	A	0	0
rs2291388	SYTL3	C/T	06q	T	0	0
rs2294763	KLHL32	A/G	06q	G	0.018181818	0.017857143
rs2295837	FIG4	A/T	06q	T	0.036036036	0.053571429
rs2297852	EPB41L2	G/T	06q	T	0	0
rs2306914	SYNE1	A/G	06q	A	0.032110092	0.019230769
rs2306942	LAMA2	C/T	06q	T	0.049107143	0.044642857
rs2307365	ORC3L	A/C	06q	A	0	0
rs2307389	ORC3L	A/G	06q	A	0.044444444	0.109195402
rs3218595	REV3L	G/T	06q	T	0	0
rs3218599	REV3L	C/G	06q	C	0.035714286	0.004504504
rs3734305	NHSL1	C/T	06q	T	0	0
rs3734638	HEY2	C/T	06q	T	0	0
rs3734881	PHF3	A/G	06q	A	0	0
rs3736706	KIAA1244	C/T	06q	T	0	0
rs3749930	NOX3	G/T	06q	T	0.036036036	0.04954955
rs3757370	RARS2	C/T	06q	C	0.022321429	0.008928571
rs3798220	LPA	C/T	06q	C	0.022321429	0.013392857
rs3799896	CASP8AP2	C/T	06q	T	0	0
rs3811069	FUT9	C/T	06q	T	0	0.004545455
rs4144164	COQ3	A/G	06q	A	0	0.009615385
rs4252128	PLG	C/T	06q	T	0.008928571	0.013392857
rs4259257	TIAM2	C/T	06q	T	0	0
rs433243	IL20RA	A/G	06q	A	0.017857143	0.027027027
rs4559074	MAP3K4	A/G	06q	G	0.013392857	0.045045045
rs4707557	MDN1	A/C	06q	C	0.02631579	0.06
rs475076	RNF217	A/G	06q	A	0	0.014150943
rs5029941	TNFAIP3	C/T	06q	T	0	0
rs5029942		G/T	06q	G	0.026785714	0.031531531
rs529156	ROS1	A/C	06q	C	0.004761905	0

rs6303	HTR1E	C/T	06q	T	0	0
rs633382		C/T	06q	T	0.044642857	0.040178571
rs6413491	IGF2R	A/G	06q	A	0	0.004464286
rs6454127	GLULD1	G/T	06q	G	0	0.004464286
rs6569336	TRDN	G/T	06q	T	0	0.004504505
rs6569834	VNN3	A/G	06q	G	0.009090909	0.027272727
rs6936679	SMOC2	A/G	06q	A	0	0
rs6940875	AHI1	G/T	06q	G	0	0
rs7356932	CD109	A/G	06q	A	0	0
rs7356974	ME1	C/T	06q	T	0	0
rs764264	VNN3	C/T	06q	C	0	0
rs7743702		C/T	06q	C	0.022522522	0.013636364
rs7750948		C/G	06q	G	0.049107143	0.026785714
rs7775119	SYNE1	C/G	06q	G	0.008928571	0
rs8191746	IGF2R	C/T	06q	T	0	0
rs8191842	IGF2R	C/T	06q	T	0	0
rs8191844	IGF2R	C/G	06q	G	0	0
rs8192627	TAAR8	A/C	06q	C	0.022321429	0.0625
rs8192646	TAAR2	C/T	06q	T	0.045045045	0.017857143
rs8192683	ENPP1	C/G	06q	C	0	0
rs9295036	KIF25	A/C	06q	A	0.004761905	0.004761905
rs9320350	BXDC1	C/G	06q	G	0.004464286	0
rs9321309	ENPP3	A/G	06q	A	0	0.004464286
rs9321712	TXLNB	C/T	06q	T	0.004504505	0
rs9362667	ANKRD6	A/G	06q	A	0	0.004545454
rs9387944	C6orf170	G/T	06q	G	0	0
rs9445598	RCADH5, LOC647346	A/C	06q	A	0	0
rs9483495	VNN3	C/T	06q	T	0.045045045	0.049107143
rs9489410		C/G	06q	G	0.026785714	0.022321429
rs10230120	COBL	G/T	07p	T	0.040540541	0.053571429
rs1050916	BLVRA	A/G	07p	G	0.004545455	0.018181818
rs1059508	VPS41	A/G	07p	A	0.026785714	0.022522522
rs1063257	EIF3B	A/C	07p	A	0	0.004464286
rs1065647	ZMIZ2	C/G	07p	C	0	0
rs1129670	PGAM2	A/C	07p	C	0	0
rs1138957	SCIN	A/T	07p	T	0	0
rs11575302	DDC	C/T	07p	T	0	0.004545455

rs11575542	DDC	A/G	07p	A	0	0.004761905
rs11976848	ABCB5	A/G	07p	G	0	0.008928571
rs12671170	7A5	G/T	07p	G	0	0.013392857
rs1468595	GLCC11	A/T	07p	T	0.022321429	0.017857143
rs16139	NPY	A/G	07p	G	0.035714286	0.027027027
rs1637215	NUPL2	C/G	07p	C	0.022727273	0.031531531
rs1805318	PMS2	A/T	07p	T	0.033980583	0.023809524
rs1805324	PMS2	A/G	07p	A	0.009009009	0.026785714
rs196586	KIAA1706	A/G	07p	G	0.031531532	0.031531532
rs2069860	IL6	A/T	07p	T	0.008928571	0.013392857
rs2074000	ABCB5	A/C	07p	A	0	0
rs2074599	THSD7A	C/G	07p	G	0	0
rs2228078	GHRHR	C/T	07p	C	0.017857143	0.022321429
rs2232125		C/T	07p	T	0.008928571	0.018018018
rs2237493	MEOX2	G/T	07p	G	0.004464286	0
rs2241445	MGC12966	C/T	07p	T	0.035714286	0.036036036
rs2293362	TNS3	C/G	07p	C	0.022522522	0.022522522
rs2965416	DNAH11	C/T	07p	C	0.013392857	0.03125
rs3750092	WIPF3	C/T	07p	C	0.03125	0.071428571
rs3750103	CHN2	C/T	07p	C	0.049107143	0.040178571
rs4245575	SUMF2	A/C	07p	C	0	0.004464286
rs4722236		A/G	07p	A	0.013392857	0.004464286
rs4723740		C/T	07p	T	0.035714286	0.067567568
rs4986826	AHR	A/G	07p	A	0.013513513	0
rs6968037	tcag7.893	A/T	07p	T	0	0
rs6970210	INMT	A/G	07p	G	0.004464286	0
rs7795984	tcag7.956	C/G	07p	C	0.013392857	0.023148148
rs7799540	CCDC129	C/T	07p	T	0.004464286	0.004504505
rs7804532	COL28A1	C/G	07p	G	0.044642857	0.040540541
rs7804851	POU6F2	A/G	07p	A	0	0
rs876306	DFNA5	C/T	07p	C	0	0
rs9691042		A/G	07p	G	0.004545455	0
rs10232050	PCLO	C/T	07q	C	0.004464286	0
rs10239950		C/G	07q	C	0.040178571	0.049107143
rs10241894	KIAA0265	A/C	07q	A	0	0.004464286
rs10261848	PCLO	G/T	07q	G	0	0.004464286
rs10279823		C/T	07q	T	0	0



rs10282312	CLCN1	G/T	07q	G	0.018018018	0.017857143
rs10372565		G/T	07q	G	0	0
rs10487647	PCLO	A/G	07q	G	0	0
rs1050101	SMARCD3	C/T	07q	T	0.004464286	0
rs1050418	SRPK2	A/C	07q	A	0	0
rs1063242	AKAP9	C/T	07q	C	0	0.018018018
rs1109968	KIAA1505	A/G	07q	G	0.036036036	0.0625
rs11465333	CCL26	G/T	07q	G	0.01980198	0.01980198
rs11761306	PILRB	A/G	07q	G	0.023148148	0
rs11771799	PILRB	C/T	07q	C	0	0
rs12671089		G/T	07q	T	0.005	0
rs1465227	VIPR2	C/T	07q	T	0.004464286	0
rs1525626	IQUB	C/G	07q	G	0	0
rs1527482	SEMA3C	A/G	07q	A	0.035	0.015463917
rs1551630		C/T	07q	T	0	0.004464286
rs17228		C/T	07q	T	0	0.004464286
rs1800100	CFTR	C/T	07q	T	0.008928571	0.013392857
rs1803256	CD36	G/T	07q	T	0	0
rs1830035	ZNF679	C/T	07q	C	0.049107143	0.044642857
rs1916830	ZNF804B	A/G	07q	A	0	0.008928571
rs2041049	DBF4	C/T	07q	C	0.035714286	0.018018018
rs2073793	SAMD9L	A/G	07q	G	0.008928571	0.017857143
rs2074130	DOCK4	C/T	07q	T	0	0
rs2074749	LAMB4	A/G	07q	A	0	0.008928571
rs2109351		A/G	07q	A	0	0
rs2229109	ABCB1	A/G	07q	A	0.049107143	0.03125
rs2229188	CYP51A1	C/T	07q	C	0	0
rs2229860	RELN	C/G	07q	G	0	0
rs2233578	PAX4	C/T	07q	T	0	0
rs2233580	PAX4	A/G	07q	A	0	0.009174312
rs2234000	TAS2R4	C/T	07q	T	0	0
rs2234015	TAS2R5	A/G	07q	A	0	0
rs2242030	FAM40B	C/T	07q	T	0	0.004464286
rs2267821	GTF2IRD1, WBSCR23	G/T	07q	G	0	0.013513513
rs2272330	MGAM	G/T	07q	T	0.018018018	0.022321429
rs2288240	WDR91	C/T	07q	T	0.004504505	0
rs2293266	KEL	C/T	07q	C	0	0

rs2293283	GIMAP8	C/T	07q	C	0	0.004464286
rs2293766	ZAN	C/T	07q	T	0.037037037	0.03271028
rs2301635	SLC26A3	C/T	07q	T	0	0
rs2302131	NUB1	C/T	07q	C	0	0
rs2307413	ORC5L	A/T	07q	T	0	0
rs2402730	hCG_1651160, tcag7.51	A/G	07q	G	0	0
rs2709859	WDR60	C/G	07q	G	0.022321429	0.004504505
rs2792441	ABCF2	A/G	07q	A	0	0
rs2896399	METTL2B, METTL2A	C/T	07q	C	0	0
rs292501	TMEM140, C7orf49	A/T	07q	T	0	0.009009009
rs292657	LOC730216, LOC730334	C/G	07q	G	0.040178571	0.04954955
rs2960999	TYW1	C/T	07q	T	0.009259259	0
rs2974938	PPP1R3A	A/T	07q	T	0	0.004464286
rs3181009	NAPE-PLD	A/G	07q	G	0.004464286	0
rs367923	MKLN1	G/T	07q	G	0	0.004464286
rs3734990		C/T	07q	T	0.046728972	0.024271845
rs3735051	CPA4	A/C	07q	A	0	0
rs3735156	MLL3	C/G	07q	C	0.03125	0.009009009
rs3735354	TBXAS1	C/T	07q	T	0	0
rs3737258	FAM62B	A/G	07q	A	0	0
rs3752368	PTPRN2	C/T	07q	T	0	0
rs3757651	DOCK4	A/C	07q	A	0.008928571	0
rs3765187		A/G	07q	A	0	0
rs3778922	GALNT11	A/C	07q	A	0	0
rs3779536	FSCN3	A/C	07q	A	0.017857143	0.027027027
rs3800791	ASB10	A/G	07q	A	0	0.004464286
rs3801295	LMTK2	A/G	07q	A	0	0
rs3815456	STYXL1	C/T	07q	T	0	0
rs418570	COL1A2	G/T	07q	T	0	0
rs42183	RHBDD2	C/T	07q	T	0.026785714	0.044642857
rs4236655	AGBL3	C/G	07q	G	0	0.008928571
rs4252499	TRPV5	A/G	07q	A	0.009009009	0.013392857
rs4529	TBXAS1	C/G	07q	G	0	0
rs458273	MKLN1	C/G	07q	G	0	0
rs4607487	ZNF117	A/G	07q	A	0.035714286	0.049107143
rs466096	MKLN1	G/T	07q	T	0.004464286	0.004464286
rs4728137	CCDC136	C/G	07q	C	0	0

rs4732519	TMEM120A	A/G	07q	A	0	0
rs5760	TBXAS1	G/T	07q	T	0	0
rs5763	TBXAS1	A/C	07q	A	0.017857143	0.018181818
rs5768	TBXAS1	G/T	07q	T	0.013636364	0
rs6460207	LOC441239	C/G	07q	G	0.040540541	0.049107143
rs6464201	GALNT11	C/T	07q	T	0	0
rs6958510	LOC730441	A/T	07q	T	0.009009009	0.004545455
rs6965052	ZNF425	A/T	07q	A	0.004464286	0
rs6969304	CCT8L1	A/T	07q	A	0	0
rs6969632	CNOT4	C/T	07q	T	0	0
rs6974800		A/G	07q	A	0	0
rs758683	LOC731075	G/T	07q	T	0.008928571	0.013392857
rs769194	GRM8	C/G	07q	G	0.004545455	0
rs7790578	ZNF117	C/G	07q	G	0.036036036	0.050925926
rs7796589	DPY19L2P2	C/T	07q	C	0.004464286	0
rs7810767	NUP205	C/G	07q	G	0.004464286	0
rs798911	FLJ21986	A/C	07q	C	0	0
rs8187797		C/G	07q	C	0	0
rs8187801		A/G	07q	A	0	0
rs8192687	PPP1R3A	A/G	07q	A	0.009009009	0.027272727
rs8192833	TBXAS1	A/G	07q	A	0.008928571	0.009009009
rs846664	TAS2R16	G/T	07q	G	0	0
rs855677	SSPO	C/T	07q	T	0	0
rs9656065	MUC17	A/G	07q	A	0	0
rs10103355	ASAH1	A/G	08p	A	0.004464286	0.013392857
rs10104250		G/T	08p	T	0.049107143	0.044642857
rs10503867	TUBB	A/C	08p	A	0	0.004504504
rs1060130	ANK1, LOC727725	A/G	08p	A	0	0
rs11203497		A/T	08p	T	0	0
rs11574395	WRN	A/G	08p	A	0	0
rs11785822	RP1L1	G/T	08p	G	0	0.00462963
rs11984691	CSMD1	C/T	08p	T	0.022321429	0.018018018
rs15481	SDAD1	A/C	08p	C	0	0
rs1799931	NAT2	A/G	08p	A	0.01980198	0.010204082
rs1800390	WRN	A/G	08p	G	0.004504505	0.004545455
rs1801279	NAT2	A/G	08p	A	0	0
rs1805158	NAT2	C/T	08p	T	0	0

rs196864	NEFM	G/T	08p	G	0.049107143	0.058558559
rs2229126	ADRA1A	A/T	08p	T	0.035714286	0.036697248
rs2272736	IKKB, LOC727725	A/G	08p	A	0	0
rs2280896	MYOM2	A/T	08p	T	0	0
rs2289593	DPYSL2	C/T	08p	T	0	0
rs2442513	MCPH1	A/C	08p	C	0.026785714	0.031531532
rs2719323	LOC137107	A/G	08p	A	0.004464286	0.004464286
rs2738047	DEFB1	A/G	08p	A	0	0
rs2911690	UBXD6	A/G	08p	G	0	0
rs3087414	WRN	C/T	08p	T	0	0.004464286
rs3213606	ASAH1	C/T	08p	C	0	0
rs370429	PCM1	A/G	08p	A	0.022522522	0.077272727
rs3735726	FBXO16	A/G	08p	A	0.004464286	0
rs3735774	NRG1	A/G	08p	A	0	0
rs3736013	XKR6	A/G	08p	G	0.008928571	0
rs3736281	ADAM7	C/T	08p	C	0	0
rs3739308	C8orf79	A/G	08p	G	0.004464286	0.004464286
rs3748140	PPP1R3B	A/G	08p	A	0.018018018	0.004587156
rs3779727	BIN3	A/G	08p	G	0	0.008928571
rs3814955		C/G	08p	C	0.004504504	0
rs429433	MFHAS1	C/T	08p	T	0.044642857	0.027027027
rs4986783	NAT1	G/T	08p	G	0.027027027	0.013392857
rs4986996	NAT2	A/G	08p	A	0	0
rs4987195	NAT1	C/T	08p	T	0	0
rs4987237	WRN	A/G	08p	G	0	0
rs6474226	C8orf4	A/G	08p	G	0	0
rs6474440	POTE8	A/C	08p	A	0	0
rs6601495	RP1L1	C/G	08p	C	0.004464286	0.004464286
rs6980553	TACC1	C/T	08p	C	0	0
rs6980829	ADAM7	C/T	08p	C	0	0.004464286
rs6995799	CSMD1	C/G	08p	G	0.004504505	0.013636364
rs6998705	C8orf80	C/G	08p	C	0	0
rs7001647	ADAM28	A/G	08p	G	0	0
rs7002131		C/T	08p	T	0.028571429	0.02293578
rs7006422		C/T	08p	T	0.004464286	0
rs7007084	ADAMDEC1	C/T	08p	C	0	0.004464286
rs7014851	HR	C/T	08p	C	0.008928571	0.03125

rs7388581	MTMR7	C/G	08p	G	0.009090909	0.018018018
rs7814768	ADAM28	A/G	08p	G	0	0.004464286
rs8190955	GSR	C/T	08p	T	0.004464286	0.009009009
rs8191612	NEIL2	C/T	08p	T	0	0
rs8191664	NEIL2	G/T	08p	T	0.017857143	0.017857143
rs9314282	ADAM28	G/T	08p	T	0	0
rs9331940	CLU	C/T	08p	T	0	0
rs9694591		A/C	08p	A	0	0
rs10091530	TG	A/G	08q	G	0.004504505	0.004504505
rs10091928		C/G	08q	C	0	0
rs10107774	ZNF572	A/T	08q	T	0.038095238	0.046875
rs10504829	CNBD1	A/G	08q	A	0	0
rs10875414	FLJ45872	C/G	08q	C	0	0
rs11466004	LY96	C/T	08q	T	0.009009009	0.013392857
rs11998459	PENK	G/T	08q	T	0.004504505	0
rs1445404	EYA1	C/G	08q	C	0.004464286	0
rs180222	TG	C/G	08q	G	0.027027027	0.022522523
rs1898465	RALYL	G/T	08q	T	0.031531532	0.022321429
rs2193430	CSMD3	C/G	08q	C	0	0
rs2228063	CA2	A/G	08q	G	0	0
rs2229843	TG	G/T	08q	T	0	0
rs2231522	CHRAC1	A/G	08q	A	0	0
rs2256158	BAALC	C/G	08q	C	0	0
rs2270877	KIAA0143	C/G	08q	G	0	0
rs2289886	ENPP2	C/T	08q	C	0	0
rs2290839		A/G	08q	A	0	0
rs2303460	ST18	C/T	08q	T	0	0
rs2306131	POP1	G/T	08q	G	0	0
rs3026268	NBN	C/T	08q	C	0	0
rs3136422	RAD54B	A/G	08q	A	0	0
rs3736038	LRRCC1	A/G	08q	G	0.039325843	0.042553192
rs3739335	RRS1	A/G	08q	G	0.008928571	0.004504505
rs3779617	GRHL2	A/G	08q	A	0.004464286	0.004464286
rs4278157	PRKDC	C/T	08q	T	0.049107143	0.036036036
rs4443674		G/T	08q	T	0	0.004464286
rs4734653	KLF10	A/G	08q	A	0	0.004504504
rs4874084	ZNF623	A/G	08q	A	0	0

rs6405	CYP11B1	A/G	08q	A	0	0
rs6472285	SGK3	A/G	08q	G	0.036363636	0.035714286
rs6472673		C/T	08q	C	0	0.004464286
rs6472812	LY96	A/G	08q	A	0.035714286	0.054054054
rs6987984	LOC442388	C/T	08q	T	0.004464286	0
rs6995255	CCDC26	G/T	08q	G	0	0
rs6995610	CTHRC1	A/G	08q	G	0	0
rs7001998		A/G	08q	G	0	0
rs7013480		C/G	08q	C	0	0
rs7463016		A/C	08q	A	0	0
rs769420	NBN	A/G	08q	A	0	0
rs7830743	PRKDC	A/G	08q	G	0.04954955	0.089285714
rs7833870	VPS13B	C/T	08q	C	0.024271845	0.069148936
rs7835798	PTDSS1	A/C	08q	A	0	0
rs7836580		A/G	08q	A	0.004504504	0.004464286
rs7841823	RPS26P10	G/T	08q	G	0	0
rs8178033	PRKDC	C/G	08q	G	0.004504505	0
rs8178040	PRKDC	A/G	08q	G	0	0
rs8178070	PRKDC	A/G	08q	G	0.004464286	0
rs8178216	PRKDC	C/T	08q	T	0.004545455	0.009009009
rs9314385		A/G	08q	A	0	0
rs10441706	KIAA1797	A/G	09p	A	0.004464286	0
rs1046658	RECK	C/T	09p	T	0	0
rs1063273	PRSS3	C/G	09p	G	0	0
rs10812505	IFT74	A/G	09p	G	0.044642857	0.040540541
rs10959454		C/T	09p	C	0.004464286	0
rs10959455		A/T	09p	A	0.009174312	0.004504504
rs10959456		A/G	09p	A	0.049107143	0.058558559
rs10964136	ASAH3L	C/T	09p	T	0.013392857	0.03125
rs10965002		C/T	09p	T	0.044642857	0.044642857
rs10968457	KIAA0020	C/T	09p	T	0.032110092	0.054545455
rs10974657	C9orf68	C/T	09p	C	0.04054054	0.03125
rs10977171	PTPRD	C/G	09p	C	0.049107143	0.036363636
rs10978001	DMRT3	A/G	09p	A	0.004761905	0.009708738
rs1125488	IFNE1	A/C	09p	C	0.04954955	0.05
rs11575594	IL11RA, CCL27	C/T	09p	C	0	0
rs12342214	C9orf82	C/T	09p	T	0	0

rs1334811	TEK	A/G	09p	A	0.04054054	0.049107143
rs1417290	JMJD2C	A/G	09p	G	0.047619048	0.034313726
rs1476178		A/G	09p	A	0	0
rs2020050	RLN2	A/C	09p	A	0	0
rs2039381	IFNE1	C/T	09p	T	0	0.008928571
rs2149554	INSL6	A/G	09p	G	0.004464286	0
rs2233559	OR2S2	A/G	09p	A	0	0
rs2270891	KIAA0020	A/C	09p	A	0.040178571	0.054054054
rs2296556	FRMPD1	C/T	09p	T	0.018018018	0.017857143
rs2799124		A/T	09p	T	0.044554455	0.038834952
rs3087653	SNAPC3	A/C	09p	C	0.027027027	0.058558559
rs3739714	BNC2	A/G	09p	G	0	0
rs3739871	C9orf131	A/G	09p	A	0	0
rs3780390	C9orf46	C/T	09p	T	0	0
rs443563	C9orf93	A/T	09p	A	0.049549549	0.049549549
rs4879781	KIAA1161	C/G	09p	G	0.009090909	0.009090909
rs4986939	FANCG	A/G	09p	A	0	0
rs4986940	FANCG	C/T	09p	T	0	0.004464286
rs6149	VLDLR	A/G	09p	A	0.013513513	0
rs6475322	DENND4C	A/C	09p	C	0	0
rs700785	IFNK, MOBKL2B	C/T	09p	T	0.004464286	0.004464286
rs776755	ADAMTSL1	A/G	09p	A	0.05	0.044642857
rs781103		A/G	09p	A	0	0
rs7854303	PDCD1LG2	C/T	09p	T	0	0
rs7854621	DMRT3	A/C	09p	C	0	0.004464286
rs7863488	POLR1E	C/G	09p	C	0	0
rs7867180	POLR1E	A/G	09p	A	0.004504504	0.004545454
rs7875872	KIAA1797	C/G	09p	C	0	0
rs884132	JAK2	C/T	09p	T	0	0
rs991850		C/T	09p	C	0	0
rs10114908	WNK2	G/T	09q	T	0	0
rs10217494	ZNF510	C/T	09q	T	0	0.004464286
rs10481712		C/T	09q	T	0.008928571	0.008928571
rs10521092	IKBKAP	A/T	09q	T	0	0.009090909
rs1052867	INVS	A/T	09q	A	0	0
rs1058518		G/T	09q	G	0	0.004464286
rs10739712	SLC25A25	A/G	09q	A	0.004504504	0

rs10760381	RPL35	C/G	09q	C	0	0
rs10821494		A/G	09q	A	0.025773196	0.02247191
rs10867333		C/T	09q	T	0.031531532	0.028846154
rs10895	COL5A1	C/T	09q	T	0.040178571	0.017857143
rs10979599	IKBKAP	G/T	09q	T	0.004464286	0.004504505
rs10980419	SVEP1	C/T	09q	T	0.022321429	0.026785714
rs10981009	C9orf84	A/G	09q	A	0	0
rs10981047	C9orf84	C/G	09q	C	0.004545454	0.013392857
rs10986353	GPR144	A/G	09q	A	0	0
rs10988532	COL15A1	C/T	09q	T	0	0
rs10988694	COL15A1	A/G	09q	A	0.04245283	0.056603774
rs11103196	CAMSAP1	A/C	09q	A	0.017857143	0.013392857
rs11143384	TMC1	C/T	09q	T	0.017857143	0.026785714
rs11145226	LOC645225	A/G	09q	A	0.015957447	0.028735632
rs11145227	LOC645225	C/T	09q	T	0.008928571	0.008928571
rs11243731	SETX	A/G	09q	A	0	0
rs11244366	PPAPDC3	C/G	09q	G	0.008928571	0.004504505
rs11568418	SLC28A3	A/G	09q	G	0	0
rs12115342	FLJ43950, LOC729294	A/G	09q	A	0	0
rs12352982	SETX	A/G	09q	A	0	0
rs1265891	AKNA	C/T	09q	C	0	0.008928571
rs1322254	C9orf84	G/T	09q	T	0.008928571	0
rs15233	HSPA5, RABEPK	G/T	09q	T	0	0
rs170462		C/T	09q	C	0.026785714	0.022321429
rs1800956	ENG	C/G	09q	C	0	0
rs2066479	HSD17B3	A/G	09q	A	0.035714286	0.0625
rs2066480	HSD17B3	A/G	09q	A	0.013392857	0.013392857
rs2066718	ABCA1	A/G	09q	A	0.022321429	0.040178571
rs2072394	TRUB2	C/G	09q	C	0	0
rs2271877	C9orf5	C/T	09q	T	0.008928571	0
rs2274750	TNC	A/G	09q	A	0.035714286	0.026785714
rs2274970	RPL35	C/T	09q	T	0.008928571	0.004464286
rs2289651	ZNF510	A/G	09q	G	0.008928571	0
rs2295862	OSTF1	A/G	09q	G	0	0
rs2296949	POMT1	A/G	09q	A	0.035714286	0.026785714
rs2297002	GOLM1	C/T	09q	C	0.004464286	0.013513513
rs2297085	FBP1	A/T	09q	T	0	0



rs2297089	TMEM2	C/T	09q	T	0.049107143	0.004504505
rs2297483	MRRF	C/T	09q	C	0.004464286	0
rs2298050	CYLC2	A/G	09q	G	0	0.004464286
rs2306093	KIAA1529	A/G	09q	A	0	0
rs237620	OR1L1	C/G	09q	G	0	0.008928571
rs2596699	RC3H2	A/T	09q	T	0.004464286	0.004464286
rs2636889	ORM2	C/T	09q	C	0	0
rs2722863		G/T	09q	T	0.041284404	0.054545455
rs2770144	TLR4	A/C	09q	C	0	0
rs2770145	TLR4	A/C	09q	C	0	0
rs2778284	KIF27	A/T	09q	A	0.009433962	0.013636364
rs3000573	GPR116	C/G	09q	C	0	0.004464286
rs3176750	XPA	C/G	09q	G	0	0
rs3739721	ALDOB	C/G	09q	G	0	0
rs3739840	LOC169834	A/T	09q	T	0	0
rs3739922	SETX	G/T	09q	G	0.044642857	0.027027027
rs3747512	KIAA1529	A/G	09q	A	0.004504504	0
rs3747834	TRIM32, ASTN2	C/G	09q	G	0	0
rs3748195	KIAA0649	A/G	09q	A	0.013392857	0.008928571
rs3750378	PNPLA7	C/G	09q	G	0.004504505	0
rs3763636	CYLC2	A/C	09q	A	0	0.004464286
rs3780548	ZNF510	A/G	09q	G	0.00462963	0.004672897
rs3802384	FGD3	A/G	09q	A	0.045045045	0.040178571
rs3824534		C/T	09q	T	0.013392857	0.013392857
rs3842789	PTGS1	A/G	09q	A	0	0
rs4066676		C/T	09q	T	0.009009009	0
rs4149312		A/G	09q	A	0.049549549	0.067567568
rs4305994		C/T	09q	T	0	0.009090909
rs4645656	ZNF782	C/T	09q	T	0.017857143	0.009174312
rs4836822	CDK5RAP2	C/G	09q	C	0.044642857	0.05
rs4987233	TLR4	A/G	09q	A	0	0
rs5030719	TLR4	G/T	09q	T	0	0.013513514
rs583134	GOLGA1	A/C	09q	A	0.004464286	0
rs6479259	OR13C5	C/T	09q	C	0.008928571	0.004545454
rs656106	GCNT1	G/T	09q	T	0	0
rs70157	OR1L1	A/G	09q	G	0.004464286	0.004464286
rs7018553	OR13F1	C/T	09q	C	0	0

rs7030366	DGAT2L7	C/T	09q	T	0	0.009009009
rs7030983		A/G	09q	G	0.004464286	0
rs7864373	SEC16A	C/G	09q	G	0	0
rs7870376	ZNF782	C/G	09q	G	0.011235955	0.005319149
rs790287		C/G	09q	C	0.027027027	0.022321429
rs8176739	ABO	C/T	09q	T	0.022321429	0.03125
rs818711	BSPRY	C/G	09q	C	0.049107143	0.058558559
rs838827	IKBKAP	C/T	09q	T	0.040540541	0.058558559
rs8999	TTF1	G/T	09q	T	0.044642857	0.058035714
rs921122	NOL8	C/T	09q	T	0.026785714	0.066964286
rs10242	NMT2, RPP38	C/T	10p	C	0.017857143	0.022727273
rs10458699		A/C	10p	A	0.03125	0.0625
rs10736965		A/G	10p	A	0.043010753	0.042105263
rs10740829		C/G	10p	G	0.004504505	0
rs11011376		C/T	10p	C	0.008928571	0.022321429
rs11011935	SLC39A12	C/T	10p	C	0	0.004504504
rs11013233	ARMC3	C/T	10p	C	0.03125	0.053571429
rs11015859	RAB18	A/G	10p	A	0	0.004464286
rs11258194		A/T	10p	A	0.040178571	0.053571429
rs11258565	FRMD4A	C/G	10p	G	0	0
rs11259332	FAM107B	A/G	10p	A	0.008928571	0.004504504
rs11595555	CX40.1	G/T	10p	T	0.03125	0.017857143
rs1247696	SVIL	C/T	10p	C	0.004464286	0.017857143
rs12572862	ANKRD26	C/G	10p	G	0	0
rs1638630	PTCHD3	C/T	10p	T	0.03125	0.026785714
rs1755403	YME1L1	C/G	10p	G	0	0
rs1762526	C10orf68	C/T	10p	T	0.008928571	0
rs2271460	CUBN	A/C	10p	C	0	0
rs2279218	PITRM1	A/G	10p	A	0	0
rs2296136	ANKRD16	C/G	10p	C	0.022522522	0.022321429
rs2298033	ITGA8	C/T	10p	T	0.004464286	0.026785714
rs2306236	ABI1	C/G	10p	G	0	0
rs2356590	CUBN	G/T	10p	T	0.013513514	0.009009009
rs2478476	LOC340900	A/T	10p	T	0	0.008928571
rs2669142	C10orf18	A/G	10p	A	0.008928571	0.03125
rs2796835	CUBN	C/G	10p	G	0.022222222	0.015151515
rs2839673	GAD2	A/G	10p	A	0	0.013513513

rs3737184	ARMC4	A/C	10p	A	0.013513513	0
rs3737203		C/T	10p	T	0	0
rs3737274	MYO3A	C/T	10p	T	0	0
rs3740212	SFMBT2	C/G	10p	C	0.004464286	0.004464286
rs3793733	ADARB2	A/G	10p	A	0.004504504	0.013392857
rs3814171	NMT2, RPP38	C/T	10p	C	0.022321429	0.017857143
rs3814193		A/G	10p	A	0.004464286	0
rs4448627	C10orf68	C/G	10p	G	0	0
rs4748728	NEBL	A/T	10p	T	0.013392857	0.026785714
rs4750090	ECHDC3	A/G	10p	G	0	0.013392857
rs530567		C/T	10p	T	0	0
rs7075296	ITIH2	A/G	10p	A	0	0
rs7100661	C10orf112	C/T	10p	C	0	0.008928571
rs7127	WAC	A/T	10p	A	0	0
rs7895372	ITGA8	C/G	10p	G	0.004464286	0
rs7900687	C10orf18	A/G	10p	G	0	0
rs7917566	KIAA1462	C/T	10p	T	0.041666667	0.048387097
rs9333174	ITGA8	A/G	10p	A	0.004504504	0.009523809
rs9333241	ITGA8	A/G	10p	G	0	0
rs996592		A/T	10p	A	0	0.004545454
rs10510108	BTBD16	A/G	10q	G	0.035714286	0.009009009
rs10510114	LOC731938	C/T	10q	T	0	0
rs1057909	CYP2C9	A/G	10q	G	0.004464286	0.008928571
rs1061954	COL13A1	C/G	10q	G	0	0
rs1062398	ACTA2	A/C	10q	C	0	0
rs10732829	STAMBPL1	G/T	10q	G	0.008928571	0.004504504
rs10885929	PNLIPRP3	C/T	10q	T	0.027272727	0.013392857
rs10902963		C/T	10q	T	0.022321429	0.008928571
rs10995569	REEP3	A/G	10q	G	0	0
rs10999334	NODAL	C/T	10q	T	0	0.004464286
rs11000217	ASCC1	C/G	10q	C	0.013513513	0.013392857
rs11006655	SLC16A9	A/C	10q	C	0	0
rs11017081	LOC387723, LOC651940	C/T	10q	T	0	0
rs11101143	ERCC6, PGBD3	C/G	10q	C	0.004464286	0
rs11101642	KNDC1	A/G	10q	A	0.018867924	0.067567568
rs11101677	TUBGCP2	C/T	10q	T	0.031531532	0.008928571
rs11101682	TUBGCP2	A/G	10q	G	0	0

rs11101822	SYCE1	C/G	10q	C	0.004504504	0
rs11146376	C10orf91	A/G	10q	G	0	0.004504505
rs11185863	MPHOSPH1	C/G	10q	C	0.004464286	0.004464286
rs11187393	FER1L3	A/G	10q	A	0.035714286	0.066964286
rs11187892	NOC3L	A/C	10q	A	0	0
rs11192966	SORCS1	C/T	10q	C	0.004504504	0.008928571
rs11196530	DCLRE1A	A/T	10q	A	0.004464286	0.008928571
rs11197744	PNLIPRP1	A/G	10q	G	0.040178571	0.03125
rs1128865	ZNF239	C/G	10q	G	0.004464286	0
rs11509438	GSTO1, GSTO2	A/G	10q	A	0.040178571	0.022321429
rs11572103	CYP2C8	A/T	10q	T	0	0.014018692
rs11593747	CCDC6	C/T	10q	T	0	0
rs11596653	MYPN	C/T	10q	C	0.013392857	0.022321429
rs11813863		C/G	10q	G	0	0
rs11817253		A/G	10q	G	0.022522523	0.022321429
rs12247136	KCNK18	A/G	10q	A	0	0
rs12265409		C/G	10q	C	0.004464286	0
rs1417635	RBM20	C/G	10q	C	0	0
rs1539587	NRAP	C/T	10q	T	0.040178571	0.026785714
rs15950	SCD	G/T	10q	G	0	0
rs1613448	PRLHR	C/T	10q	T	0	0
rs1952061	C10orf28	C/T	10q	T	0	0
rs1953758	ATRNL1	A/G	10q	G	0.045045045	0.017857143
rs2020893	MGMT	A/G	10q	A	0	0
rs2116286	PNLIPRP3	A/T	10q	T	0	0
rs2166631	CDH23	A/G	10q	A	0.019417476	0.009523809
rs2227309	CASP7	A/G	10q	A	0.004901961	0.019047619
rs2227310	CASP7	C/G	10q	G	0	0
rs2231785	STAMBPL1	C/T	10q	T	0.013513514	0.004545455
rs2256871	CYP2C9	C/T	10q	C	0	0.004464286
rs2270439	BTRC	A/C	10q	A	0	0
rs2271694	H2AFY2, AIFM2	A/G	10q	A	0.009009009	0.018018018
rs2273903	HNRPH3, RUFY2	A/G	10q	G	0	0
rs2282238	DUSP5	C/G	10q	G	0.009009009	0
rs2286734	NRAP	G/T	10q	T	0	0
rs2295771	SEC31B	C/T	10q	T	0	0
rs2295878	TACC2	A/G	10q	A	0	0.004587156

rs2304804	ANKRD22	G/T	10q	G	0.04054054	0.04054054
rs2305204	PNLIPRP1	C/G	10q	C	0.036036036	0.089285714
rs2306265	GRID1	C/T	10q	T	0.013392857	0.004464286
rs2306322	SPOCK2	C/T	10q	T	0	0
rs3218611	FAS	C/T	10q	T	0	0
rs3218614	FAS	C/T	10q	T	0	0
rs3218619	FAS	A/G	10q	A	0	0
rs363315	KCNK18	C/T	10q	C	0.022321429	0.027522936
rs363360	KCNK18	C/T	10q	T	0	0
rs3740093	ZNF22	C/T	10q	C	0.045045045	0.072072072
rs3740321	MYST4	C/T	10q	T	0.013392857	0.017857143
rs3747879	PAOX	A/G	10q	A	0	0
rs3748233	PIK3AP1	A/G	10q	A	0	0
rs3750575	ANXA7	A/G	10q	A	0	0
rs3750819	FGFR2	C/G	10q	G	0	0
rs3758390	MPHOSPH1	A/G	10q	G	0	0
rs3764990		C/T	10q	T	0.045045045	0.058035714
rs3765571	ALDH18A1	G/T	10q	T	0.013513514	0.008928571
rs3793744	ENTPD1	C/T	10q	T	0.004464286	0
rs3829856	C10orf12	A/C	10q	C	0.040909091	0.098214286
rs4253047	ERCC6, PGBD3	A/G	10q	A	0.032967033	0.07368421
rs4253199		C/T	10q	T	0	0
rs431898	EIF3A	C/G	10q	C	0	0
rs4838544	CHAT	A/G	10q	G	0	0
rs7073433	TACC2	C/T	10q	T	0	0
rs7080536	HABP2, NRAP	A/G	10q	A	0.045045045	0.036036036
rs7080681	ABCC2	A/G	10q	A	0	0
rs7080916	CEP55	A/G	10q	A	0	0.004464286
rs7081726	PDCD4	A/G	10q	A	0.044642857	0.045045045
rs7083622	MKI67	G/T	10q	T	0	0
rs7089948	PPP1R3C	A/C	10q	A	0	0
rs7904231		A/G	10q	G	0	0.004587156
rs7911125		A/G	10q	A	0	0
rs7911491		C/T	10q	T	0	0
rs7912706	ANKRD22	A/C	10q	A	0.013888889	0
rs7914982	ZNF33B	C/T	10q	C	0.004464286	0
rs805698	COL17A1	C/T	10q	C	0.008928571	0.004464286

rs8178989	CHAT	C/G	10q	C	0	0.008928571
rs8181357	SYCE1	A/C	10q	A	0	0.009009009
rs8187692	ABCC2	G/T	10q	T	0.004464286	0
rs8187700		C/T	10q	T	0	0
rs8187730	CHAT, SLC18A3	A/C	10q	C	0	0
rs967185	EIF3A	C/T	10q	T	0	0
rs1030723	OR51F1	C/T	11p	T	0	0
rs10450603	OR51I2	C/T	11p	T	0	0
rs1048218	BDNF	G/T	11p	T	0.004504505	0
rs1048221	BDNF	G/T	11p	T	0	0
rs10751676	MUC6	G/T	11p	G	0	0
rs10832767		A/G	11p	G	0.03125	0.0625
rs10836954	OR51G1	A/G	11p	A	0.03125	0.078703704
rs10839564	HPX	C/T	11p	T	0	0.004504505
rs10839849	OVCH2	A/G	11p	G	0.05	0.098214286
rs10902269	MUC6	G/T	11p	T	0	0
rs11024269	DKFZp686O24166	A/C	11p	A	0	0
rs11024773	PTPN5	C/T	11p	C	0	0
rs11026002	C11orf36	A/C	11p	C	0.022522523	0.009009009
rs11031357	DCDC1	C/T	11p	C	0.004464286	0
rs11031390	LOC390031, tcag7.51	G/T	11p	T	0	0
rs11031961	OR52B4	A/G	11p	A	0	0.004504504
rs11032229	HIPK3	A/G	11p	A	0	0.004464286
rs11033793	OR51F1	C/T	11p	C	0	0
rs11033801	OR51F1	A/G	11p	G	0.022522523	0.04954955
rs11034596	OR51A7	A/G	11p	A	0.042056075	0.077669903
rs11038988	CKAP5	C/T	11p	C	0	0
rs11039036	OR52N1	A/C	11p	A	0	0
rs11039302	KBTBD4	C/T	11p	T	0	0
rs11039554	PTPRJ	C/T	11p	C	0	0
rs11041107	ZNF215	A/G	11p	G	0	0
rs11041525	CYB5R2	G/T	11p	G	0.013513513	0.004464286
rs1136853	IFITM3	A/C	11p	A	0.045454545	0.044642857
rs11821519		A/C	11p	C	0.004464286	0.008928571
rs12223282	UBQLNL	C/G	11p	C	0.017857143	0.058558559
rs12993	IGF2	G/T	11p	T	0	0
rs1503193	OR4X1	C/T	11p	T	0	0

rs1734491	SIRT3	G/T	11p	T	0	0
rs1910838		C/G	11p	C	0	0.004464286
rs1965208	OR2D2	A/G	11p	A	0.009615385	0.013888889
rs2010519	SLC39A13	A/G	11p	A	0	0
rs2018795	PHACS	C/G	11p	G	0	0.004545455
rs2162044	MRVI1	C/T	11p	C	0.020618557	0.014423077
rs2234283	TSSC4, TRPM5	A/C	11p	A	0.017857143	0.008928571
rs2234454	UBQLN3	A/G	11p	A	0	0
rs2239729	ZNF215	C/T	11p	C	0	0
rs2270515	MICAL2	A/G	11p	A	0	0
rs2271815	ALKBH3	C/T	11p	T	0.004464286	0.017857143
rs2278169		A/G	11p	A	0	0
rs2291843	TRIM22	A/G	11p	G	0	0
rs2292290	TMEM16C, MUC15	A/G	11p	G	0.004464286	0
rs2306727	MICAL2	A/G	11p	G	0	0.008928571
rs2445179	MRGPRX4	A/G	11p	A	0	0.004464286
rs2473928	ABTB2	A/G	11p	G	0	0
rs2499953	MMP26	A/G	11p	G	0.026785714	0.035714286
rs2555152	C11orf47	C/T	11p	T	0	0
rs2568023	C11orf16	C/T	11p	C	0.013392857	0
rs2659875	DCHS1	C/T	11p	T	0	0
rs266472	HIPK3	C/T	11p	T	0	0
	AQR, PLEKHA7, hCG_1787519, LOC644889,					
rs2668	LOC729362	G/T	11p	T	0	0
rs2761591	DCDC1	A/G	11p	A	0.008928571	0
rs2857919	ZNF214	C/T	11p	T	0.040178571	0.022321429
rs289080	DCDC5	G/T	11p	T	0	0
rs2957516	NAT10	C/T	11p	T	0	0
rs3026404	ELP4	C/G	11p	G	0.013392857	0.004464286
rs317779		C/T	11p	C	0.041284404	0.022727273
rs3205367	RPLP2, LRDD	A/G	11p	G	0	0.004464286
rs325695		A/T	11p	A	0.049107143	0.044642857
rs3736508	PHF21A	C/T	11p	T	0.03125	0.022321429
rs3740997	TRIM34, TRIM6-TRIM34	C/G	11p	C	0.035714286	0.035714286
rs3751095	STK33	C/T	11p	T	0.009433962	0
rs3751096	STK33	A/C	11p	C	0	0.009090909

rs3758805	PRMT3	C/G	11p	G	0.004504505	0.018018018
rs3802800	NAV2	C/G	11p	C	0.022321429	0.017857143
rs3887899	IGSF22	G/T	11p	T	0.004504505	0.004464286
rs393044	UBQLNL	G/T	11p	T	0.004545455	0.004854369
rs4151033	RAG1	A/G	11p	A	0.004464286	0
rs4755779	EXT2	A/G	11p	G	0.004464286	0
rs4758141	OR10A2	C/T	11p	T	0	0.010416667
rs4758209	PPFIBP2	A/G	11p	A	0	0
rs5006889	OR51B6	A/G	11p	G	0.03125	0.036697248
rs5241	CALCA	A/C	11p	A	0.008928571	0.004464286
rs543099		C/T	11p	T	0.044642857	0.035714286
rs6483700	PRMT3	A/G	11p	G	0	0.008928571
rs6578670	TRIM34, TRIM6-TRIM34	A/T	11p	T	0	0
rs7109126		A/T	11p	T	0.008928571	0.004464286
rs7111183		C/G	11p	G	0	0
rs7111387		A/G	11p	A	0	0.005208333
rs7394584	OR52N4	G/T	11p	T	0.026785714	0.044642857
rs7396938	OR52N4	A/T	11p	A	0.013392857	0.035714286
rs7479477	OR51B6	A/G	11p	A	0	0
rs7926667	LRP4	A/G	11p	G	0	0.004464286
rs7933549	OR51V1	A/G	11p	A	0.004545454	0.004464286
rs7934354	OR52H1	A/G	11p	G	0.017857143	0.03125
rs7934670	OR52N1	A/T	11p	A	0.013392857	0.035714286
rs7936354	OTOG	C/T	11p	T	0	0
rs7936512	OR52N4	C/T	11p	C	0.018691589	0.043269231
rs7947732	DCDC5	C/T	11p	T	0	0
rs10488698	BUD13	C/T	11q	T	0.035714286	0.071428571
rs1064070	THY1	C/T	11q	T	0	0
rs10736442	CUL5	C/G	11q	G	0	0
rs10791962	OR8U8	A/T	11q	T	0	0
rs10831088		A/G	11q	G	0.022321429	0.004464286
rs10891338	BCDO2	C/T	11q	T	0.017857143	0.017857143
rs10893192	OR8G5	A/G	11q	G	0.017857143	0.027027027
rs10896310	OR8U8, OR8U9	A/G	11q	A	0.046296296	0.04587156
rs10896516	OR9G1	C/T	11q	C	0	0
rs10896517	OR9G1	A/G	11q	G	0	0
rs1095423	DKFZP586P0123	A/G	11q	G	0.008928571	0.004504505



rs11212684	EXPH5	C/T	11q	T	0.022321429	0.035714286
rs11213538	ARHGAP20	C/T	11q	C	0	0
rs11216131	BUD13	A/C	11q	A	0.004464286	0
rs11216349	BACE1	G/T	11q	T	0	0
rs11225091	KIAA1377	A/G	11q	A	0.022321429	0.022321429
rs11229062	SERPING1	C/G	11q	G	0	0
rs11229277	OR1S2	A/G	11q	G	0	0
rs11229278	OR1S2	C/T	11q	T	0	0
rs11230707	C11orf66	A/C	11q	A	0	0
rs11231180	OR5D18	A/G	11q	A	0	0
rs11231918	BATF2	A/G	11q	A	0.013392857	0.008928571
rs11235097	TMEM135	C/G	11q	C	0.027777778	0.023364486
rs1144790	PCNXL3	C/G	11q	C	0	0
rs11568491		C/T	11q	C	0	0
rs11602422		C/T	11q	T	0	0.004464286
rs11640	TRAPPC4	G/T	11q	G	0.008928571	0
rs11821474		C/T	11q	C	0	0
rs11827779		A/T	11q	A	0	0
rs1216221		C/T	11q	T	0	0
rs12279985	FXVD2	C/T	11q	C	0.013392857	0
rs12282288	CCDC67	A/G	11q	G	0.004950495	0
rs12283300	FAM86C	G/T	11q	T	0	0
rs12288277	CCDC67	C/G	11q	C	0.004716981	0.004901961
rs12291622	HEPHL1	C/T	11q	T	0.020618557	0.021978022
rs13807	MRPL49, FAU	C/T	11q	T	0.013636364	0.013636364
rs1453543	OR4D6	C/T	11q	T	0	0.009009009
rs1632242	DKFZP586P0123	C/T	11q	C	0	0
rs1632245	DKFZP586P0123	A/C	11q	A	0	0
rs1792641		C/T	11q	C	0.013392857	0.013392857
rs1800056	ATM	C/T	11q	C	0.022321429	0.027027027
rs1800058	ATM	C/T	11q	T	0.017857143	0.013636364
rs1800059	ATM	A/C	11q	C	0.008928571	0.013392857
rs1801673	ATM	A/T	11q	T	0	0
rs1802701	RPS3	A/C	11q	A	0	0
rs1894176	TMPRSS4	C/T	11q	T	0.004464286	0
rs1941635	TMPRSS4	G/T	11q	T	0.041666667	0.04587156
rs1944169	CNTN5	A/T	11q	A	0	0

rs1945783	HEPHL1	A/G	11q	A	0.004464286	0
rs1979464		G/T	11q	T	0	0.004504505
rs2217401	BCDO2	G/T	11q	T	0	0.004464286
rs2257265	LOC390245	A/G	11q	G	0	0.004807692
rs2260655	DAK	A/G	11q	G	0.009009009	0.03125
rs2276017	MGC11102	C/T	11q	T	0.04954955	0.040540541
rs2276064	TREH	A/G	11q	A	0	0.026785714
rs2276113	BIRC3	A/G	11q	G	0	0
rs2276295	GANAB	C/T	11q	T	0	0
rs2276296	GANAB	A/G	11q	A	0	0.008928571
rs2276348	ASAM	C/T	11q	T	0.009009009	0.022727273
rs2291348	ADAMTS8	C/T	11q	C	0.009009009	0.004464286
rs2298808	ARHGEF17	A/C	11q	A	0	0
rs2449148	OR8H2	A/G	11q	A	0	0
rs2456022	OR4C11	G/T	11q	G	0	0
rs2509062	GLB1L3	C/T	11q	C	0	0.008928571
rs2512747		A/G	11q	G	0	0
rs2512938	OR8K5	A/G	11q	G	0	0
rs2729772	GDPD4	C/T	11q	C	0.049107143	0.040178571
rs297054	OR5D14	G/T	11q	T	0	0
rs297081	OR5D18	C/T	11q	T	0	0
rs3092856	ATM	C/T	11q	T	0	0
rs3092857	ATM	A/G	11q	G	0.009259259	0.018348624
rs317139	NOX4	C/T	11q	C	0.017857143	0.009009009
rs3180820	C11orf1	C/G	11q	C	0	0
rs3181320	CASP5	C/G	11q	G	0	0.009090909
rs3181326	CASP5	C/G	11q	C	0	0
rs3182750	RAB6A	C/G	11q	C	0	0
rs3218673	ATM	C/T	11q	T	0	0
rs3218707	ATM	C/G	11q	C	0.017857143	0
rs3740772	TSKU	A/G	11q	A	0	0
rs3740881	APLP2	A/G	11q	A	0	0
rs382150		C/T	11q	C	0	0.008928571
rs4245219	OR10Q1	C/G	11q	C	0.017857143	0.022727273
rs4252303	IL10RA	A/G	11q	A	0.018018018	0.004464286
rs443028		C/T	11q	T	0	0.004464286
rs4581448		C/T	11q	C	0.035714286	0.035714286

rs4753495		A/C	11q	C	0	0
rs4938895	OR5B12	A/G	11q	A	0	0
rs4987945	ATM	C/G	11q	G	0	0
rs5031003		A/G	11q	A	0	0.004464286
rs506504	CHEK1	C/T	11q	T	0.036036036	0.040178571
rs526433	TECTA	C/T	11q	C	0.009009009	0.004545454
rs527887		C/T	11q	T	0	0.004464286
rs532635	OR9G1, OR9G9	C/T	11q	T	0.009615385	0
rs540687	PRG3	A/G	11q	A	0	0.009009009
rs558465	OR4C16	C/T	11q	C	0	0
rs565921	TSGA10IP	C/T	11q	T	0.040540541	0.031531532
rs569108	MS4A2	C/T	11q	C	0.018018018	0.040178571
rs601314	EFEMP2	C/T	11q	T	0	0.004464286
rs621683		C/G	11q	G	0	0.004464286
rs633557	DNAJC4, NUDT22	A/G	11q	A	0	0.004464286
rs6589670	TREH, PHLDB1	C/G	11q	G	0	0
rs6590021	OR6T1	A/G	11q	A	0	0.008928571
rs6591569	OR4S2	C/T	11q	C	0	0.004807692
rs669661	PRG3	C/T	11q	T	0	0.008928571
rs675815	GLYAT	C/T	11q	T	0.018181818	0.008928571
rs7102218	BCDO2	G/T	11q	T	0.017857143	0.018018018
rs7102584	KCNJ5	C/G	11q	C	0.009259259	0.013888889
rs7117495	IGHMBP2, MRPL21	A/G	11q	A	0	0
rs7121880	OR5T2	C/G	11q	C	0.045045045	0.104545454
rs7125171		C/T	11q	C	0.040178571	0.031531531
rs7126079	OR5T1	C/T	11q	T	0	0
rs7126904	ST14	A/G	11q	A	0	0
rs7358374	DYNC2H1	A/G	11q	A	0	0
rs768436	SSRP1	C/G	11q	C	0.004464286	0
rs7927015	OR8J1	G/T	11q	T	0.044642857	0.098214286
rs7933186		C/T	11q	C	0.044642857	0.098214286
rs7937317	OR6T1	C/T	11q	C	0	0.008928571
rs7937661		C/G	11q	C	0	0.004464286
rs7938203	CLPB	C/G	11q	G	0	0
rs7939917	TMPRSS5	C/T	11q	T	0	0
rs7946238	ANGPTL5	A/G	11q	G	0.004504505	0
rs7950441	NADSYN1	A/C	11q	A	0	0

rs826071	DKFZP586P0123	C/T	11q	C	0.035714286	0.018018018
rs877474	EXPH5	A/G	11q	G	0.008928571	0.013392857
rs9332838	MLL	C/G	11q	G	0	0
rs940611	HRASLS5	C/G	11q	G	0.035714286	0.058558559
rs948477	CATSPER1	C/T	11q	T	0	0
rs9666086	OR5I1	A/G	11q	G	0.044642857	0.098214286
rs1037921	ARNTL2	C/T	12p	C	0.040909091	0.040178571
rs10505830	PLCZ1	A/G	12p	A	0.049107143	0.040178571
rs1051347	CACNA1C	A/G	12p	A	0	0
rs1054423	IPO8	A/T	12p	T	0	0
rs1065751	RECQL	A/G	12p	A	0	0
rs10772299		C/T	12p	T	0	0
rs10845279	TAS2R49	A/C	12p	A	0	0
rs11047499	A2ML1	C/G	12p	C	0	0.004464286
rs11047611		C/G	12p	C	0.035714286	0.022321429
rs11047724	BCAT1	A/C	12p	A	0	0
rs11053974		A/G	12p	A	0.022321429	0.009009009
rs11054044	TAS2R9	C/G	12p	G	0	0
rs11054201	PRB3	A/G	12p	G	0	0.009009009
rs11054243	PRB4	C/G	12p	C	0	0
rs11055389	C12orf36	A/G	12p	A	0.031531531	0.03125
rs11056560	PTPRO	G/T	12p	T	0	0
rs11061915	SLC6A12	C/T	12p	T	0.004545455	0.013392857
rs11062857	PARP11	A/G	12p	G	0.004504505	0
rs11064480	EMG1, PHB2	C/G	12p	G	0.035714286	0.031818182
rs11568563	SLCO1A2	A/C	12p	C	0.022321429	0.058035714
rs12319376	ERC1	A/G	12p	G	0.045045045	0.026785714
rs12320769		A/G	12p	A	0	0
rs1420635	GUCY2C	G/T	12p	T	0	0
rs1527014	LOC729025	A/G	12p	G	0.026785714	0.03125
rs15547	CAPZA3	A/G	12p	A	0	0
rs1801016	DYRK4, AKAP3	A/T	12p	T	0	0
rs1805749	KLRG1	A/G	12p	G	0	0
rs1860926	A2ML1	G/T	12p	G	0	0
rs1941	HEBP1	C/G	12p	C	0.03125	0.035714286
rs1973290	PLCZ1	C/T	12p	C	0.017857143	0.017857143
rs2071072	LRRRC23	A/C	12p	C	0	0.004464286

rs2071073	LRRC23	G/T	12p	T	0.013392857	0.013513514
rs2072357	AKAP3	C/T	12p	T	0.044642857	0.049107143
rs2199688	SLCO1A2	A/C	12p	C	0	0.009009009
rs2253849	KLRC1	C/T	12p	T	0	0
rs226405	A2M	A/G	12p	A	0	0
rs2287541	FLJ22662	A/G	12p	G	0.040178571	0.040540541
rs2302516	GDF3	C/G	12p	G	0.03125	0.017857143
rs2304459	FAM60A	C/T	12p	T	0	0
rs2306182	KLRK1	A/G	12p	G	0	0
rs2306282	SLCO1B1	C/T	12p	C	0	0.004504504
rs2377249		A/G	12p	G	0	0
rs2377741	PZP	G/T	12p	T	0	0
rs2532502	CD27, TAPBPL	C/T	12p	T	0.013513514	0.004464286
rs2537817	TAS2R8	C/T	12p	T	0.004504505	0
rs2682491	KLRC3	C/G	12p	C	0	0
rs2682495	KLRC3	C/G	12p	G	0	0
rs3203835	NECAP1	C/T	12p	T	0	0
rs3213431	GNB3, LEPREL2	C/T	12p	C	0	0.004464286
rs3741795	LOH12CR1	C/G	12p	C	0	0
rs3741803	MANSC1	A/T	12p	T	0	0.004464286
rs3741923	ACRBP	C/T	12p	C	0	0
rs3741927	DYRK4	A/G	12p	G	0	0
rs3764045	SLCO1A2	G/T	12p	G	0	0
rs3809251	PARP11	C/T	12p	C	0.03125	0.03125
rs4072797	CD163L1	C/T	12p	T	0	0
rs4149584	TNFRSF1A	A/G	12p	A	0.013513513	0.026785714
rs4149637	TNFRSF1A	C/T	12p	T	0	0
rs4340155		A/G	12p	G	0.004464286	0
rs4519167	C1R	C/G	12p	G	0	0.009090909
rs4883263	CD163	C/T	12p	T	0.022321429	0.049107143
rs4883476		C/T	12p	T	0.004587156	0.009345794
rs4931444	OVOS2	G/T	12p	G	0.049107143	0.067567568
rs4987206	RAD52	C/G	12p	G	0	0
rs4987207	RAD52	A/C	12p	A	0.004464286	0.004504504
rs4987208	RAD52	G/T	12p	G	0.022321429	0.027027027
rs4987215	RECQL	C/G	12p	C	0.018018018	0
rs583903	CLEC1B	A/G	12p	G	0	0

rs597468	TAS2R10	A/G	12p	G	0.004464286	0
rs612593	CLEC1B	A/G	12p	A	0	0
rs6488268	CD163L1	A/T	12p	A	0	0
rs6501	RECQL	A/C	12p	C	0.004464286	0.004464286
rs7295376	TAPBPL	C/G	12p	C	0	0
rs7306401		C/T	12p	C	0.004464286	0.004464286
rs7308685	C12orf36	C/T	12p	C	0	0
rs7315461		C/T	12p	T	0.044642857	0.053571429
rs7957558	FLJ22662	C/T	12p	C	0.022321429	0.03125
rs7960177	LOC390282	C/T	12p	T	0.004464286	0.008928571
rs7961645	FGF6	A/T	12p	A	0.004464286	0
rs859146	LRMP, CASC1	A/C	12p	C	0	0
rs864161	LOC196415	C/G	12p	G	0.019607843	0.024271845
rs1001178	DIABLO, B3GNT4	A/T	12q	T	0.013392857	0.013392857
rs10082778	UTP20	A/T	12q	T	0	0.013513514
rs10243	KIF21A	A/G	12q	A	0	0
rs1045496	C12orf65	A/G	12q	A	0	0
rs10506344		A/G	12q	G	0	0.017857143
rs10506644	TPH2	A/G	12q	G	0	0
rs1050710	NELL2	C/T	12q	T	0	0
rs1057907	DDX23	C/T	12q	T	0	0
rs1065730	TUBA1A	A/G	12q	A	0	0
rs10778677	LOC338756	A/C	12q	C	0.004464286	0.008928571
rs10778679	LOC338756	C/G	12q	C	0.004464286	0.008928571
rs10847725	LRRRC43	C/T	12q	C	0.004504504	0.008928571
rs10876360	KRT78	C/T	12q	T	0.013392857	0
rs11061318	GPR133	C/T	12q	T	0.026785714	0.026785714
rs11065998	BRAP	A/C	12q	A	0	0.004504504
rs11068997	GIT2	A/G	12q	A	0.036036036	0.022321429
rs11104703	C12orf50	C/T	12q	T	0.049107143	0.080357143
rs11104729	CEP290	C/T	12q	C	0	0
rs11105882	C12orf12	A/C	12q	C	0	0
rs11107500	PLXNC1	A/G	12q	A	0	0
rs11109474	BBS10	A/G	12q	A	0	0
rs11147241	hCG_1646157	A/G	12q	G	0.013392857	0.013392857
rs11168263	VDR	A/G	12q	G	0.008928571	0.008928571
rs11169226	AQP2	C/T	12q	T	0	0

rs11170883	GPR84	C/T	12q	T	0.004545455	0.004545455
rs11171276		A/G	12q	G	0.038095238	0.024752475
rs11171388	OR6C74	C/T	12q	T	0	0
rs11171466	OR6C2	C/G	12q	G	0	0
rs11171743	ERBB3	A/G	12q	A	0	0
rs11171907	BAZ2A	C/G	12q	G	0	0
rs11176666	MUC19	A/G	12q	A	0	0
rs11177386	MDM2	A/G	12q	A	0	0.004587156
rs11177991	C12orf28	G/T	12q	T	0	0
rs11178192	CNOT2	A/G	12q	A	0.004545454	0
rs11181011	PDZRN4	A/G	12q	G	0	0
rs11183450	SLC38A2	C/G	12q	C	0	0
rs11183610	SLC38A4	A/G	12q	A	0.009009009	0.008928571
rs11568527		C/T	12q	T	0	0
rs11574542	ITGB7, ZNF740	A/G	12q	A	0	0
rs11575245		G/T	12q	T	0.022321429	0.008928571
rs1177573	PSMD9	A/G	12q	A	0	0.004504504
rs1185845	HCFC2	C/T	12q	T	0	0
rs1249958	PPP1R1A	C/T	12q	T	0.004464286	0.004464286
rs1260318	MPHOSPH9	A/C	12q	A	0	0.004464286
rs1445436	FLJ41278	C/T	12q	T	0	0
rs1534282	AAAS, C12orf10, ZNF740	A/G	12q	G	0.023148148	0.023809524
rs1669885	PPHLN1	G/T	12q	T	0	0
rs1918496	USP52	A/C	12q	A	0.004464286	0.004464286
rs1948516	TMEM117	A/G	12q	A	0.004504504	0
rs2066811	STAT2	A/G	12q	G	0.004504505	0.004464286
rs2066815	STAT2	C/T	12q	T	0	0
rs2066816	STAT2	G/T	12q	T	0	0
rs2069413	CDK2	C/G	12q	G	0	0
rs2071024	SILV	A/C	12q	A	0.009615385	0.023148148
rs2173970	hCG_1646157	C/G	12q	G	0	0
rs2229373	ZNF140	C/T	12q	T	0	0.009259259
rs2230579	BAZ2A	A/T	12q	A	0.013392857	0.004504504
rs2232402	KRT75	A/G	12q	G	0.004464286	0
rs2232565	LALBA	A/G	12q	G	0.026785714	0.036036036
rs2233919	SMUG1	C/T	12q	T	0	0
rs2242365		C/T	12q	T	0.044642857	0.035714286

rs2256408	LRRK2	A/G	12q	G	0.009090909	0
rs2277319	PIP4K2C	C/G	12q	G	0.017857143	0.013392857
rs2277330	KRT8	A/G	12q	A	0	0
rs2287174	ANKRD13A	C/T	12q	C	0.035714286	0.026785714
rs2292506	KRT71	C/T	12q	T	0.03125	0.049107143
rs2293624		C/T	12q	T	0.035714286	0.044642857
rs2306691	LRP1	A/G	12q	G	0.004464286	0.008928571
rs2364600	ESPL1, ZNF740	C/T	12q	T	0.004464286	0
rs2638876	MUC19	C/T	12q	T	0	0
rs2657881	GLS2, SPRYD4	A/G	12q	A	0	0
rs3741694	TBX5	A/G	12q	G	0.004464286	0
rs3782356	MLL2	C/T	12q	T	0	0
rs3802998	WIBG	C/G	12q	C	0	0
rs3803079		A/T	12q	T	0.044642857	0.040178571
rs3829295	E2F7	C/T	12q	C	0	0
rs3864938	GCN1L1	A/C	12q	A	0.004464286	0.004464286
rs4135113	TDG	A/G	12q	A	0.035714286	0.045045045
rs4296098	C12orf26	A/C	12q	C	0.04245283	0.048076923
rs4301049		A/C	12q	C	0.044642857	0.066964286
rs4301822	APOF	C/T	12q	C	0	0.008928571
rs4761946		A/G	12q	A	0.004672897	0
rs4768279	MUC19, LOC647546	G/T	12q	G	0	0
rs555131	TMEM132D	A/C	12q	A	0.040178571	0.03125
rs5635	PLA2G1B	A/C	12q	C	0	0.004504505
rs5636	PLA2G1B	A/C	12q	A	0	0
rs5744760	POLE	A/G	12q	G	0.004504505	0
rs5744933	POLE	A/G	12q	G	0.00462963	0.004545455
rs5744935	POLE	C/G	12q	C	0	0
rs6489085		A/G	12q	A	0	0
rs7134607		C/T	12q	T	0	0
rs7294635	LOC642539	C/T	12q	C	0	0
rs7302446	ADAMTS20	A/T	12q	A	0.035714286	0.026785714
rs7309681		C/T	12q	T	0	0
rs7313899	OR6C4	A/G	12q	A	0.008928571	0.004464286
rs764941	MLL2	C/G	12q	C	0	0
rs7963111		G/T	12q	T	0.027027027	0.053571429
rs7966369		A/G	12q	A	0	0



rs7968520	KIAA0692	C/G	12q	C	0.035714286	0.044642857
rs7969937		A/C	12q	A	0.008928571	0.008928571
rs7978197	CPM	C/T	12q	T	0.018018018	0.013392857
rs8179142	SELPLG	C/T	12q	T	0	0
rs829121	TMPRSS12	C/T	12q	C	0	0
rs925368	GIT2	A/G	12q	G	0	0
rs9668527	FLJ20674	C/T	12q	T	0.004587156	0.02293578
rs1043015	KPNA3	C/T	13q	T	0	0
rs1046984	BRCA2	C/T	13q	T	0	0
rs1051577	GPR18, UBAC2	A/C	13q	A	0	0
rs1058576	HTR2A	C/T	13q	T	0	0
rs10767	RBM26	A/T	13q	T	0	0.004464286
rs11568646		A/G	13q	G	0.004464286	0
rs11568681		A/C	13q	A	0	0
rs11571746	BRCA2	C/T	13q	C	0	0
rs11571769	BRCA2	A/G	13q	A	0	0
rs11841997	GUCY1B2	C/G	13q	G	0.049107143	0.03125
rs11843461	RP11-139H14.4	A/G	13q	G	0.017857143	0.009009009
rs1327321		C/T	13q	C	0	0
rs1372085	PARP4	C/T	13q	T	0.044642857	0.058035714
rs1375720	LOC643677	A/G	13q	G	0	0
rs169547	BRCA2	A/G	13q	A	0	0
rs1799944	BRCA2	A/G	13q	G	0.03125	0.045454546
rs1799951	BRCA2	A/G	13q	G	0	0.004504505
rs1799954	BRCA2	C/T	13q	T	0.004464286	0.008928571
rs1801426	BRCA2	A/G	13q	G	0	0
rs1803542	ERCC5	A/C	13q	A	0	0
rs1805055	HTR2A	A/C	13q	A	0.03125	0.045045045
rs1822135	PARP4	A/G	13q	A	0.044642857	0.0625
rs1868463	FREM2	C/T	13q	T	0.044642857	0.040178571
rs2014593		G/T	13q	G	0.004464286	0.004464286
rs202084	KATNAL1	A/C	13q	A	0	0.004464286
rs2219594	BRCA2	G/T	13q	T	0	0
rs2227869	ERCC5	C/G	13q	C	0.036036036	0.054054054
rs2227944	BRCA2	A/T	13q	T	0	0
rs2228271	EDNRB	G/T	13q	T	0	0.004545455
rs2232642	LIG4	A/G	13q	A	0.004464286	0

rs2274083	GJB2	C/T	13q	C	0.004545454	0.008928571
rs2274810	RP11-125A7.3	C/T	13q	T	0.044642857	0.03125
rs2274827	SLC15A1	A/G	13q	A	0	0.004504504
rs2307491	ERCC5	C/G	13q	G	0	0
rs2497218	TPTE2	C/T	13q	T	0	0
rs259797	ZMYM2	C/T	13q	T	0	0
rs2798263		A/G	13q	A	0.004464286	0
rs2987346	KIAA0774	A/G	13q	G	0.026785714	0.027027027
rs3742192	FLJ10769	A/G	13q	A	0.004504504	0.004464286
rs3764522	C13orf8	C/G	13q	C	0	0
rs3765534	ABCC4	C/T	13q	T	0.008928571	0.008928571
rs3783055		C/G	13q	C	0.004504504	0
rs3812874	PCDH20	G/T	13q	T	0.031531532	0.044642857
rs4150313	ERCC5	A/G	13q	G	0	0.004464286
rs4150342	ERCC5	A/G	13q	G	0.008928571	0.004464286
rs4151539	RB1	C/G	13q	G	0	0
rs4646227	SLC15A1	C/G	13q	C	0.017857143	0.03125
rs4770450		A/G	13q	G	0.03125	0.031818182
rs4770684	PARP4	A/G	13q	A	0.036697248	0.038095238
rs4986860	BRCA2	A/G	13q	G	0	0
rs4987047	BRCA2	A/T	13q	T	0.004761905	0
rs4987117	BRCA2	C/T	13q	T	0.03125	0.031531532
rs4987168	ERCC5	A/G	13q	G	0	0
rs5352	EDNRB	A/G	13q	A	0.013392857	0.013392857
rs5961	F10	C/G	13q	C	0	0.004464286
rs640192	LOC730249	A/G	13q	G	0.004504505	0.004504505
rs6491707	FLJ40176	A/G	13q	A	0	0
rs6492027		C/T	13q	C	0	0
rs6561512	CDADC1	A/G	13q	A	0.008928571	0.008928571
rs7322326		A/G	13q	A	0	0
rs7326172	LOC390427	A/C	13q	A	0	0
rs7329939	FREM2	C/G	13q	G	0.017857143	0.022321429
rs7334445	C13orf21	C/T	13q	T	0.004464286	0
rs7335290	FLJ40176	A/C	13q	A	0	0
rs7335867	CKAP2	A/G	13q	A	0	0.004464286
rs7336216	CENPJ	C/G	13q	G	0	0.004504505
rs7338624	ENOX1	C/G	13q	G	0.004504505	0

rs749071	FLJ32682	A/G	13q	A	0	0
rs766173	BRCA2	G/T	13q	G	0.03125	0.045045045
rs7998869	FLJ44054	A/C	13q	A	0.040178571	0.049107143
rs7999148		A/G	13q	A	0.004464286	0
rs8187838	SLC15A1	A/C	13q	A	0.029126214	0.025252525
rs9300757	FLJ40176, LOC643677	A/G	13q	G	0	0
rs9300758	FLJ40176, LOC643677	A/G	13q	A	0.004504504	0
rs9315812	MTRF1	C/T	13q	C	0	0.004464286
rs9511259	PARP4	A/C	13q	A	0.044642857	0.068807339
rs9577230	LAMP1	C/T	13q	C	0	0.004464286
rs9578190	USPL1	C/G	13q	G	0.00462963	0
rs10131326	OR4N5	A/G	14q	G	0	0
rs10134472	OR4N5	C/T	14q	C	0	0
rs10139784	SPATA7	A/G	14q	A	0	0
rs10141546	LTBP2	A/C	14q	A	0	0
rs10142502	C14orf159	C/T	14q	T	0	0
rs10162564	CTAGE5	A/G	14q	G	0	0
rs1046701	C14orf149	C/T	14q	T	0.044642857	0.044642857
rs1051193	SEL1L	A/G	14q	A	0.013636364	0.013392857
rs1053019	C14orf131	A/C	14q	A	0.044642857	0.066964286
rs1055061	HOMEZ	A/G	14q	A	0.03125	0.059090909
rs1057683	SFRS5	G/T	14q	T	0	0
rs1111758	C14orf143	A/C	14q	C	0.008928571	0.031531532
rs11625921	C14orf39	C/T	14q	C	0.022321429	0.036036036
rs11846740	ACOT6	C/T	14q	T	0	0
rs11848004	TTLL5	A/G	14q	A	0.004464286	0.009009009
rs11851376	TRIP11	C/T	14q	T	0	0.004464286
rs1270764	TSSK4	C/T	14q	C	0	0.004504504
rs1309353	KIAA0329	A/G	14q	G	0.040909091	0.026785714
rs1543540	C14orf131	A/G	14q	A	0.044642857	0.022321429
rs1617510	KIAA0586	C/G	14q	C	0	0
rs1713457	TEP1	C/G	14q	G	0.03125	0.03125
rs17473	SERPINA3	C/G	14q	C	0.004545454	0.008928571
rs1748986	KIAA0586	C/T	14q	T	0	0
rs175081	MLH3	C/T	14q	T	0	0
rs17560	ANG, RNASE4	A/G	14q	G	0	0
rs177386	PAPLN	A/G	14q	A	0.04054054	0.017857143

rs1803118	APEX1, TMEM55B	C/T	14q	T	0	0
rs1803120	APEX1, TMEM55B	C/T	14q	T	0	0
rs1807442		A/G	14q	A	0.004587156	0.009615385
rs2039475	SYNE2	A/G	14q	A	0.004464286	0.009009009
rs2074930	COQ6	A/T	14q	A	0.017857143	0.026785714
rs2124843		C/T	14q	T	0	0
rs2227279	BDKRB2	A/G	14q	A	0.004464286	0
rs2228337	TGM1	A/T	14q	T	0	0
rs2228575	CHGA	A/G	14q	A	0.004464286	0
rs2234634	SLC39A2	A/G	14q	G	0	0.004504505
rs2273841	TDRD9	G/T	14q	G	0.004464286	0.009009009
rs2273906	KIAA0329	C/T	14q	T	0.045045045	0.027027027
rs2273947	DHRS4L2, LOC731356	A/T	14q	T	0.040909091	0.116071429
rs2275017	SYNE2	C/T	14q	T	0	0
rs2289622	ATG2B	A/G	14q	A	0.03125	0.004504504
rs2296687	KIAA1409	C/T	14q	C	0	0
rs2296700		A/G	14q	G	0.027027027	0.009090909
rs2297717	METT11D1	C/G	14q	G	0	0.004464286
rs2307486	APEX1, TMEM55B	A/G	14q	G	0	0.004464286
rs2402073	TC2N	G/T	14q	T	0	0
rs2781377	SYNE2	C/T	14q	T	0	0
rs3021119	NRL, PCK2	A/C	14q	A	0	0
rs3093905	PARP2	A/G	14q	A	0	0
rs3093906	PARP2	A/G	14q	G	0	0.004504505
rs3093921	PARP2	A/G	14q	G	0.004464286	0.031818182
rs3100906	SDCCAG1	A/T	14q	A	0.004504504	0.004504504
rs3742601	SPTB	G/T	14q	T	0.004464286	0
rs3742883	ZFYVE26	C/T	14q	T	0	0
rs3742884	ZFYVE26	A/G	14q	A	0.017857143	0.018018018
rs3742885	ZFYVE26	A/G	14q	A	0.017857143	0.018181818
rs3748360	RPGRIP1	C/T	14q	T	0	0
rs3751501	ACIN1	A/G	14q	A	0.035714286	0.035714286
rs3759666	DLG7	A/G	14q	A	0.022522522	0.004504504
rs3784071	MED6	A/G	14q	A	0.004504504	0.008928571
rs4394993		G/T	14q	T	0	0
rs5246	CMA1	C/G	14q	C	0.004504504	0
rs5247	CMA1	A/G	14q	G	0.022522523	0.027272727

rs6120	SERPINA5	C/G	14q	G	0	0
rs6413532	SLC39A2	A/G	14q	A	0	0.004716981
rs6575799	DLK1	A/G	14q	A	0	0
rs7146672	PSME2	G/T	14q	T	0.017857143	0.009009009
rs7151995	KIAA0323	G/T	14q	G	0.008928571	0.031531531
rs748358	AHNAK2	C/T	14q	T	0.004464286	0
rs8017950	C14orf70	A/G	14q	G	0.022522523	0.044642857
rs8020347		A/G	14q	A	0.004545454	0.004545454
rs943992	FLJ10357	C/T	14q	C	0.035714286	0.040178571
rs9464	C14orf131	A/G	14q	A	0.044642857	0.0625
rs946616	PYGL	A/G	14q	A	0.046728972	0.081818182
rs9658654	CHGA	A/G	14q	A	0	0
rs9658663	CHGA	C/G	14q	G	0	0
rs9658664	CHGA	A/G	14q	A	0.008928571	0.013392857
rs1030986	LCTL	C/T	15q	T	0.013513514	0.004464286
rs1047552	APH1B	G/T	15q	G	0.022321429	0.03125
rs10518816	PRTG	C/G	15q	G	0	0
rs10519020	SLC28A2	C/G	15q	C	0	0
rs10519239		C/T	15q	T	0.03125	0.045045045
rs10519996	ATPBD4	C/G	15q	C	0	0.008928571
rs10851808	LOC145837	A/G	15q	G	0.009009009	0.018867925
rs11071990	CLN6, CALML4	A/G	15q	A	0.009090909	0.013392857
rs12101559	ZFP106	A/G	15q	G	0.013761468	0.023364486
rs12437941	UNC13C	A/G	15q	G	0	0
rs12440300	GLCE	A/G	15q	G	0.017857143	0.026785714
rs1280395	CGNL1	A/C	15q	A	0	0
rs140605	FBN1	A/G	15q	G	0	0
rs1426654	SLC24A5	A/G	15q	G	0	0
rs1469778	NOPE	A/T	15q	T	0	0
rs1724577	MYO5A	G/T	15q	T	0	0
rs1800431	HEXA	A/G	15q	A	0	0
rs1867380	AQP9	A/G	15q	A	0.023809524	0.042056075
rs2018462	GOLGA6	C/G	15q	C	0	0.008928571
rs2020950	PCSK6	A/G	15q	G	0	0.008928571
rs2073440	HDC	A/C	15q	C	0.004464286	0.035714286
rs2076745	ATP10A	A/G	15q	G	0.013392857	0.013392857
rs2236722	CYP19A1	C/T	15q	C	0	0.00462963

rs2241647	AVEN	A/G	15q	G	0.035714286	0.022321429
rs2277552	NOX5	C/T	15q	T	0	0
rs2277553	NOX5	A/C	15q	A	0.004587156	0.009090909
rs2277848	ADAMTSL3	A/G	15q	A	0	0
rs2279683	AGPAT7, NUT	A/C	15q	A	0.032407407	0.077981651
rs2279684	AGPAT7, NUT	C/G	15q	G	0.036036036	0.09009009
rs2280217	CALML4	G/T	15q	T	0.008928571	0.013513514
rs2289178	CEP152	A/C	15q	A	0	0
rs2289181	CEP152	A/G	15q	A	0.008928571	0
rs2289585	FLJ42289	A/C	15q	A	0.009009009	0.008928571
rs2289741	RPAP1	C/T	15q	T	0.03125	0.040540541
rs2291280	MYO9A	C/T	15q	C	0	0
rs2291990		A/G	15q	G	0.05	0.058558559
rs2292071	EFTUD1	C/T	15q	C	0.042857143	0.043478261
rs2292628	KIAA0574	A/G	15q	A	0	0
rs2304380	RYR3	A/G	15q	G	0	0.008928571
rs2305710	SCG3	A/G	15q	A	0.044642857	0.044642857
rs2306024	ITGA11	A/C	15q	C	0.049107143	0.054545455
rs2307105	EIF2AK4	C/T	15q	T	0.031531532	0.03125
rs2337127		A/C	15q	C	0.026785714	0.085585586
rs2415129	MYO9A	C/T	15q	C	0.035714286	0.013392857
rs2458862	POTE15, LOC650770	A/G	15q	G	0.004464286	0.004545455
rs2525011		A/G	15q	A	0.010309278	0.005434783
rs2679118	CILP	C/T	15q	T	0	0
rs2727101	DENND4A, LOC646358	A/G	15q	A	0	0
rs2727102	DENND4A, LOC646358	C/T	15q	T	0	0
rs2856931	PKM2	C/G	15q	C	0	0
rs374230	NUT	A/G	15q	G	0.008928571	0
rs3743044	USP8	A/G	15q	G	0.036036036	0.026785714
rs3743091	NOX5, SPESP1	G/T	15q	T	0.045454546	0.063636364
rs3743235	LOC283710	A/G	15q	A	0.040178571	0.045045045
rs3743279	SEMA6D	A/G	15q	G	0	0
rs3743315	UACA	A/G	15q	G	0	0
rs3751593	LYSMD2	C/T	15q	C	0	0
rs3759875	SPG11	C/T	15q	C	0	0
rs3784543	TMED3	A/G	15q	A	0	0
rs3784588	TRPM1	C/T	15q	T	0.045454546	0.0625

rs3803430	ALDH1A3	C/T	15q	C	0.022727273	0.017857143
rs3803460	RFXDC2	C/G	15q	C	0.004504504	0.009174312
rs3985641	IQCH	C/G	15q	G	0	0
rs4384572	STARD5	C/T	15q	T	0	0
rs4777157	LOC145837	C/T	15q	T	0	0.013392857
rs4780144	RYR3	C/T	15q	C	0.035714286	0.049107143
rs4886968	LOC645752, LOC647988	C/T	15q	T	0	0.004587156
rs4920	RAB11A	G/T	15q	T	0	0.004545455
rs495812		A/C	15q	C	0.022321429	0.017857143
rs5745926	NEIL1	A/G	15q	A	0	0
rs6495265		A/T	15q	T	0	0
rs6496589	PLIN	C/G	15q	G	0	0.004545455
rs690346	WDR72	C/T	15q	T	0	0
rs7164070	AQR	C/T	15q	C	0.022727273	0.022522522
rs7166441	LOC390637	A/G	15q	A	0	0
rs7172758	PRC1	G/T	15q	G	0.004464286	0.008928571
rs7177092	IREB2	C/T	15q	T	0.004504505	0
rs7178234	LOC56964	C/T	15q	T	0	0
rs7178634	NUSAP1	A/G	15q	G	0	0
rs7178777	NUSAP1	A/C	15q	A	0.009433962	0.023809524
rs7180279	CAPN3, GANC	A/G	15q	G	0.045045045	0.042056075
rs8025284		A/T	15q	A	0	0.00462963
rs8026845		C/T	15q	T	0	0
rs8026956	VPS13C	C/T	15q	C	0	0
rs8027916	MAP1A	A/G	15q	A	0	0
rs8029810	AGBL1	C/T	15q	T	0	0
rs8030584	SPTBN5	G/T	15q	G	0	0
rs8035438		A/G	15q	A	0.022321429	0.013636364
rs8187754		G/T	15q	T	0.024752475	0.010752688
rs871923	CTDSPL2	A/G	15q	A	0.00462963	0
rs930871	SENP8	A/G	15q	A	0	0
rs9328908	LOC729722, LOC730465	G/T	15q	T	0	0
rs936212	PLCB2	A/G	15q	G	0	0.004504505
rs9806123	TIPIN	C/G	15q	C	0	0
rs1042008	SULT1A1	C/T	16p	T	0	0
rs1042011	SULT1A1	C/G	16p	C	0	0
rs1042014	SULT1A1	C/G	16p	C	0.004464286	0.004464286

rs1043766	MAZ	A/C	16p	A	0	0
rs1064524	ITGAL	C/T	16p	T	0.040178571	0.058035714
	PDXDC1, NTAN1,					
rs1135999	LOC730455	A/G	16p	G	0	0
rs1218763	OR2C1	C/G	16p	C	0	0
rs179196	LOC728276	G/T	16p	G	0.045045045	0.063063063
rs1799802	ERCC4	C/T	16p	T	0	0.004464286
rs1800068	ERCC4	C/G	16p	C	0	0
rs1800069	ERCC4	C/T	16p	C	0.004464286	0.004504504
rs1800124	ERCC4	A/G	16p	G	0.017857143	0.004464286
rs1963017		C/T	16p	T	0.004504505	0
rs1991020		C/T	16p	T	0	0.013513514
rs2020957	ERCC4	A/G	16p	G	0.008928571	0
rs2020959	ERCC4	A/C	16p	A	0	0
rs2020961	ERCC4	C/T	16p	T	0	0
rs2032917	ZNF668	C/G	16p	G	0.009090909	0
rs2072086	MIR16	C/T	16p	T	0	0
rs2301770	ACSM3, EXOD1	C/T	16p	T	0.03125	0.035714286
rs235636	ZG16	A/G	16p	G	0.017857143	0.009009009
rs235638	ZG16, LOC653808	C/G	16p	G	0.018018018	0
rs257878		A/G	16p	A	0.018018018	0.018348624
rs2734742	PPL	A/C	16p	A	0	0.004464286
rs2791	DNASE1, TRAP1	C/T	16p	T	0.026785714	0.03125
rs369322	RPL23AP5	A/G	16p	A	0.022522522	0.026785714
rs373496	TNFRSF17	C/T	16p	T	0.008928571	0.004504505
rs3743695	DNAH3	C/T	16p	T	0	0
rs3743808	PMM2	C/T	16p	C	0	0
rs3764944	MVP	C/T	16p	T	0	0
rs3850114	ZNF267	C/T	16p	C	0.035714286	0.026785714
rs4986933	ERCC4	A/C	16p	A	0	0
rs4997782		G/T	16p	T	0.004464286	0.004464286
rs4997783		A/G	16p	G	0	0
rs5713	ACSM3	C/T	16p	C	0.017857143	0.013392857
rs6413500	IL4R	C/T	16p	T	0.004504505	0.004464286
rs6416668	ABCC6	C/T	16p	T	0	0
rs6497795	LOC646939	C/T	16p	T	0	0
rs6497797	LOC646939	A/G	16p	A	0	0



rs7185611		C/T	16p	C	0.013513513	0.04587156
rs7192210	FLJ20581, LOC647786	A/G	16p	A	0.004464286	0.008928571
rs7195194	NSMCE1	C/G	16p	C	0.026785714	0.013513513
rs7195763	LOC342346	C/G	16p	G	0.026785714	0.040178571
rs7197779	CIITA	A/G	16p	A	0.004464286	0.004464286
rs7200466	XYLT1	C/T	16p	T	0.004464286	0
rs7200749	VKORC1	A/G	16p	A	0.004464286	0
rs7203139	LOC646939	G/T	16p	G	0	0
rs7203960	LOC646939	A/G	16p	G	0	0
rs762792	LOC92017	A/C	16p	C	0.004504505	0.004464286
rs8048992		A/C	16p	A	0	0
rs8054402		A/G	16p	G	0.008928571	0
rs8055762	LOC730809	A/G	16p	A	0.031531531	0.049107143
rs8056709	ACSM1	C/T	16p	C	0	0
rs8176919	DNASE1, TRAP1	A/G	16p	A	0.004464286	0.004464286
rs8176928	DNASE1, TRAP1	A/G	16p	G	0	0
rs929867	FUS	C/T	16p	T	0.004464286	0
rs9928967	CORO7	C/T	16p	T	0	0
rs9931441	ATF7IP2	A/G	16p	A	0.026785714	0.022321429
rs9932051	ATF7IP2	C/T	16p	T	0.027027027	0.022321429
rs10500557	ZNF19	C/T	16q	T	0.013513514	0.017857143
rs1065360	HPR	C/T	16q	C	0.031818182	0.035714286
rs11641963		C/G	16q	G	0.03125	0.040178571
rs11860946	CES7	C/G	16q	C	0.009090909	0
rs11862663		C/G	16q	G	0	0.004464286
rs1453325	PKD1L2	A/G	16q	A	0	0
rs1529927	SLC12A3	C/G	16q	C	0.040178571	0.040178571
rs1798531		G/T	16q	G	0.004464286	0.004464286
rs2021171	HPR	A/G	16q	A	0.03125	0.035714286
rs2066845	NOD2	C/G	16q	C	0.008928571	0.008928571
rs2066852	CYLD	C/T	16q	T	0.049107143	0.066964286
rs2099104	SPG7	A/T	16q	A	0	0
rs2271023	CDH16	A/G	16q	A	0.017857143	0.0625
rs2276331	CDH1	C/G	16q	C	0	0
rs2290901	FAM38A	A/G	16q	A	0.004504504	0
rs2292329	EFCBP2	C/G	16q	C	0.008928571	0.013636364
rs2303203	KIAA0182	A/G	16q	A	0	0

rs2549087	LOC651987	A/C	16q	C	0	0
rs2549280	LOC651987	A/T	16q	A	0	0
rs2650406	LOC645799	C/G	16q	G	0.03125	0.022321429
rs2908780		C/T	16q	T	0.022522523	0.017857143
rs3096380	FLJ11171	C/T	16q	C	0.027027027	0.04054054
rs363212	APPBP1	A/G	16q	A	0	0
rs3748384		C/T	16q	T	0	0
rs3751727	KLHDC4	C/G	16q	C	0.022321429	0.022522522
rs3764340	WVOX	C/G	16q	G	0.040540541	0.084821429
rs3764341	WVOX	C/G	16q	G	0	0
rs3812955	ZNF469	C/T	16q	T	0.004587156	0.009090909
rs3826201	PRDM7	A/G	16q	A	0.03960396	0.0625
rs3848290	FLJ37464	C/T	16q	T	0	0.004464286
rs4150187	TAF1C, LRRC50	C/G	16q	C	0	0
rs4238741	SMPD3	C/G	16q	C	0	0
rs431818	KIAA1609	C/T	16q	T	0.008928571	0.013392857
rs4782591	TAF1C	C/T	16q	C	0	0
rs4784677	BBS2	C/T	16q	C	0.004901961	0.005319149
rs4986970	LCAT, SLC12A4	A/T	16q	A	0.026785714	0.022321429
rs4986998	NQO1	C/T	16q	T	0.031818182	0.053571429
rs507329	CDT1	C/T	16q	T	0	0
rs5559	SLC6A2	C/T	16q	C	0	0
rs5566	SLC6A2	C/G	16q	C	0	0
rs5567	SLC6A2	A/G	16q	G	0.004464286	0
rs5880	CETP	C/G	16q	C	0.040178571	0.041666667
rs6499499		A/G	16q	G	0	0
rs6500305	ABCC12	A/T	16q	A	0	0
rs6564343	CNTNAP4	C/G	16q	C	0	0
rs6564956	HSPC105	C/G	16q	G	0.004545455	0.013513514
rs666636	MT4	A/G	16q	A	0.013392857	0.017857143
rs7184178		C/T	16q	T	0	0.004464286
rs7189165		C/G	16q	C	0	0.004464286
rs7192188	LOC123855	C/T	16q	T	0	0
rs7198138		G/T	16q	T	0.03125	0.049107143
rs7198865	ARL2BP	A/G	16q	A	0.026785714	0.040178571
rs7200485	HYDIN	C/G	16q	G	0.004464286	0
rs7201683	WVOX	C/G	16q	G	0.004464286	0.018018018

rs7206111	PRDM7	G/T	16q	T	0.045454546	0.053571429
rs745211	PKD1L2	A/C	16q	A	0	0
rs783732		A/G	16q	A	0	0.008928571
rs8046813	KIAA1609	A/C	16q	A	0	0
rs8052655	LRRC36	A/G	16q	A	0.049549549	0.084821429
rs8053883	COG4	C/T	16q	T	0	0
rs8055536	KIAA1609	C/G	16q	C	0.027272727	0.018018018
rs8057309		A/G	16q	G	0	0
rs8191136	HSD17B2	A/G	16q	A	0	0
rs9354	COX4NB	C/T	16q	T	0	0.004464286
rs9673318		C/T	16q	T	0	0.008928571
rs9925352		C/T	16q	T	0.004464286	0.004504505
rs9939768	EXOC3L	C/G	16q	C	0.044642857	0.080357143
rs1017522		A/C	17p	C	0.026785714	0.022522523
rs10512421		A/G	17p	A	0.009090909	0.023148148
rs1063926	MYH8	A/G	17p	G	0	0
rs11657747	NLRP1	A/G	17p	A	0.049549549	0.077272727
rs150122	ULK2	A/G	17p	G	0.013513514	0.045045045
rs1735011	OR1E1	A/G	17p	A	0	0
rs1806230	NUP88	A/G	17p	A	0	0
rs1889019	RAI1	C/G	17p	C	0	0
rs2304974	PSMB6	C/G	17p	G	0.04245283	0.045454546
rs2309808	DNAH2	A/G	17p	A	0	0
rs3205089	NCOR1	A/T	17p	T	0	0
rs3213688	RICH2	C/T	17p	T	0	0
rs3736433	XAF1	A/C	17p	A	0	0
rs3744117	PEMT	A/G	17p	A	0	0
rs3744128	M-RIP	C/T	17p	T	0	0.004464286
rs3744254	DNAH2	A/T	17p	T	0	0
rs3744558	MYH4	A/G	17p	A	0.004464286	0.004464286
rs3744564	MYH1	A/G	17p	A	0	0
rs3744679	ITGAE	C/G	17p	C	0.044642857	0.077272727
rs3813768	TRPV2	C/G	17p	G	0	0
rs4491591	POLR2A, ZBTB4, AMAC1L3	A/G	17p	G	0.004464286	0
rs4605228	MGC87631	C/T	17p	C	0.008928571	0.004464286
rs6068	GP1BA	A/G	17p	A	0	0

rs6258	SHBG	C/T	17p	T	0.009009009	0.004464286
rs6260	SHBG	A/G	17p	A	0	0
rs6502446	TEKT3	A/G	17p	G	0.004464286	0
rs6587220	EPN2	C/T	17p	T	0.004504505	0.009090909
rs8072629		A/G	17p	G	0.008928571	0
rs9892256	DNAH9	A/G	17p	A	0	0
rs9916524	SMTNL2	C/T	17p	C	0.004464286	0.008928571
rs1017089	HSF5	G/T	17q	T	0	0
rs10491178	ABCA10	C/T	17q	T	0.040178571	0.044642857
rs1049416	SEC14L1	A/G	17q	A	0	0
rs1049807	CCL4	A/G	17q	G	0.018018018	0.028037383
rs10512599	ICT1	C/G	17q	G	0.004504505	0
rs1064116	STAT3	A/T	17q	A	0	0
rs1111168	KRT32	C/G	17q	C	0	0
rs11568588		C/T	17q	T	0	0
rs11653020	HELZ	A/G	17q	G	0.045045045	0.0625
rs12383	ABCA5	G/T	17q	T	0	0
rs1471615	NLE1	C/G	17q	C	0.026785714	0.017857143
rs1719152	CCL4	A/T	17q	A	0	0.004716981
rs1990936		C/T	17q	T	0.045454546	0.041284404
rs2071560	KRT32	C/T	17q	C	0.004464286	0
rs2074160	DHX58	A/G	17q	A	0.031818182	0.036363636
rs2227723	VTN	A/G	17q	A	0.004464286	0
rs2227945	BRCA1	A/G	17q	G	0	0
rs2230770	AKAP1	A/G	17q	A	0.031531531	0.037037037
rs2233369	ABI3	A/G	17q	A	0.03125	0.071428571
rs2270716	SDK2	C/G	17q	C	0.031531531	0.035714286
rs2277619	STAT5B	C/T	17q	T	0	0
rs2286677	CACNG5	A/G	17q	A	0	0.004504504
rs2289541	CARD14	A/G	17q	A	0	0.004464286
rs2290041	WNK4	A/G	17q	A	0	0.004464286
rs2290566	HRNBP3	A/G	17q	A	0.044642857	0.054054054
rs2292754	MLX, PSMC3IP	A/T	17q	A	0	0.004464286
rs2302311	EPX	A/T	17q	T	0.013392857	0.004464286
rs2303015	CALCOCO2	A/G	17q	G	0.040909091	0.044642857
rs2306512	NLE1	C/T	17q	T	0	0
rs2306513	NLE1	A/G	17q	G	0	0

rs2458039	LOC644397	A/G	17q	G	0	0
rs2531902		A/G	17q	A	0	0
rs2643103	BCAS3	A/G	17q	A	0.004504504	0.013513513
rs28963	SPACA3	C/T	17q	C	0	0.004464286
rs3087878	NMT1	G/T	17q	T	0	0
rs3136677	CCL13	G/T	17q	T	0	0
rs366700	KRTAP4-4	C/G	17q	C	0	0
rs3744032	ACOX1	C/T	17q	T	0.044642857	0.054054054
rs3744795	USP36	A/G	17q	G	0.026785714	0.03125
rs3815057		A/G	17q	G	0.013392857	0.022321429
rs4135012	CDC6	A/G	17q	A	0.026785714	0.013392857
rs4318	ACE	A/G	17q	G	0	0
rs4399578	GPR179	C/G	17q	G	0	0
rs4796077	SLFN11	C/T	17q	T	0.022727273	0.026785714
rs4986848	BRCA1	C/T	17q	C	0	0
rs4986854	BRCA1	C/T	17q	C	0	0.004504504
rs4988345	BRIP1	C/T	17q	T	0.004504505	0.008928571
rs5022	SLC4A1	A/G	17q	G	0	0
rs5915	ITGA2B	C/T	17q	T	0	0
rs5917	ITGB3	A/G	17q	A	0	0.004504504
rs606072	INTS2	A/C	17q	A	0	0
rs634312	FLJ40194	C/T	17q	C	0	0
rs6352	SLC6A4	A/C	17q	C	0	0
rs6355	SLC6A4	C/G	17q	C	0.017857143	0.008928571
rs6503594	KRTAP4-8, LOC728224	A/G	17q	G	0.004587156	0.009090909
rs6504233	POLG2	A/G	17q	G	0.026785714	0.066964286
rs6504255	LOC440456	C/T	17q	T	0	0
rs6505140	SSH2	A/G	17q	G	0	0
rs6505228	LOC646030, LOC646037	A/G	17q	G	0.013392857	0.013392857
rs673918	SEC14L1	A/C	17q	A	0	0
rs7342870	NFE2L3, C17orf57	A/T	17q	T	0	0
rs7350908	CDC27	A/G	17q	A	0	0
rs7350974	SCRN2	C/T	17q	T	0.008928571	0.013392857
rs741902	GPATCH8	A/G	17q	A	0	0
rs8073475	FLJ35848	A/T	17q	T	0.008928571	0.040178571
rs8178318	LPO	C/T	17q	T	0	0
rs854625	CCL15	A/G	17q	A	0.031818182	0.018018018

rs897420	KRT15	C/G	17q	G	0	0
rs9893420	PHB	A/G	17q	G	0.009090909	0
rs9896965	SPAG9	C/T	17q	C	0.004504504	0
rs9907075		A/G	17q	A	0.004504504	0
rs1044190	VAPA	C/T	18p	C	0	0
rs1045142	ROCK1	A/G	18p	A	0	0
rs11080623	CEP192	A/C	18p	C	0.026785714	0.026785714
rs1848894		A/G	18p	G	0.008928571	0.004504505
rs2298546	ANKRD12	C/T	18p	T	0.013513514	0.031818182
rs2305370	NAPG	C/G	18p	G	0	0
rs3737379	CEP192	C/T	18p	C	0.03125	0.017857143
rs543355	LAMA1	C/T	18p	C	0.018181818	0.009009009
rs6506448	ARHGAP28	C/G	18p	G	0	0.008928571
rs7235740	ZFP161	C/T	18p	C	0	0
rs786064	C15orf33	A/C	18p	C	0.009090909	0.013392857
rs8083854	LOC284230	C/T	18p	T	0.040178571	0.013392857
rs8091736		C/T	18p	T	0.004464286	0
rs8093421		C/T	18p	T	0.004464286	0
rs8096452	EPB41L3	C/G	18p	G	0.004504505	0.013761468
rs9748611	ANKRD30B	A/G	18p	A	0.004807692	0.009708738
rs1042755	DSG1	A/G	18q	A	0	0
rs1044128	ELP2	A/C	18q	C	0	0
rs1044134	ELP2	A/C	18q	C	0	0
rs1062236	ZNF397	A/T	18q	A	0	0
rs11081992	BRUNOL4	G/T	18q	T	0.004464286	0
rs11151367		C/T	18q	T	0	0
rs1380866	DSG3	A/G	18q	A	0.00462963	0.015151515
rs1789528	SLC39A6	C/G	18q	G	0	0
rs1805084	NPC1, C18orf8	A/G	18q	A	0.044642857	0.045045045
rs1815930	MYO5B	A/G	18q	A	0	0
rs1942418	MYO5B	A/G	18q	A	0.049107143	0.054545454
rs2229616	MC4R	A/G	18q	A	0.022321429	0
rs2230235	DSG2	A/G	18q	A	0	0
rs2276211	ZNF236	A/G	18q	A	0.023148148	0.051401869
rs2289664	CDH2	C/T	18q	C	0.009009009	0.022321429
rs3087769	IER3IP1	A/G	18q	G	0	0
rs3218784	POLI	A/G	18q	G	0.026785714	0.03125

rs3218786	POLI	C/T	18q	C	0.03125	0.040909091
rs3737512	C18orf55	A/G	18q	A	0.03125	0.075892857
rs3744921	FAM59A	A/G	18q	G	0.013392857	0
rs3745078	ATP8B1	C/T	18q	C	0	0
rs3745079	ATP8B1	C/G	18q	G	0	0
rs3794873	ZNF236	C/T	18q	C	0.017857143	0.026785714
rs3809974	ALPK2	C/T	18q	T	0.013392857	0.026785714
rs3809975	ALPK2	C/G	18q	C	0.022321429	0.035714286
rs3826593	ALPK2	C/T	18q	C	0.049107143	0.103603604
rs466113	C18orf34	A/G	18q	G	0	0
rs4799213		A/G	18q	G	0.036036036	0.071428571
rs4891392	RTTN	A/G	18q	A	0.049107143	0.0625
rs5376	GALR1	C/T	18q	C	0.004464286	0.004464286
rs5377	GALR1	C/T	18q	T	0	0
rs540967	MOCOS	A/G	18q	A	0	0
rs576180	LOC284288	A/G	18q	A	0.022321429	0.008928571
rs6100	SERPINB2	A/G	18q	A	0	0
rs6506860		C/T	18q	C	0	0
rs6506953		A/G	18q	A	0.004464286	0
rs6507617		A/G	18q	G	0.004504505	0
rs6507833		C/T	18q	C	0.035714286	0.03125
rs671138	FAM59A	G/T	18q	T	0	0
rs7226809		G/T	18q	T	0.013513514	0.026785714
rs7229252	DSG4	C/T	18q	C	0	0
rs922999	NETO1	C/T	18q	C	0	0
rs984274	DCC	C/T	18q	C	0	0
rs9951523	DCC	C/T	18q	T	0.02293578	0.009090909
rs9963788	CCDC102B	C/G	18q	C	0.017857143	0.013513513
rs10404860	SFRS14	A/G	19p	G	0	0
rs10406428		C/T	19p	C	0	0
rs10417513		A/G	19p	A	0	0.004464286
rs10419928		C/T	19p	T	0	0.004464286
rs10421121	ZNF556	C/T	19p	T	0.044642857	0.058035714
rs10422514	FSTL3, PRSSL1	A/T	19p	T	0.009345794	0.00462963
rs10422576		A/G	19p	A	0	0
rs10425108	DHPS	C/G	19p	G	0	0
rs10500210	ZNF442	A/G	19p	A	0	0.004464286

rs1059199	ZNF562	A/G	19p	A	0	0
rs1063156	ZNF85	A/G	19p	G	0	0
rs11085808	ZNF442	C/T	19p	T	0	0
rs12003	GMIP	C/T	19p	T	0.035714286	0.040540541
rs12459404	POLR2E	A/G	19p	G	0	0
rs12609268	ZNF77	C/T	19p	C	0	0
rs1438694		A/T	19p	T	0	0
rs1541923	LOC55908, DOCK6	A/G	19p	G	0	0
rs1544766	CD209	A/G	19p	G	0	0
rs1613462	LOC284428	G/T	19p	T	0.004854369	0
rs1802498	RFXANK, TRA16	C/G	19p	G	0	0
rs1806931	OR10H2	A/G	19p	A	0.049107143	0.086363636
rs1866382		C/G	19p	C	0.026785714	0.04054054
rs2042266		C/T	19p	T	0	0
rs2277738	TLE6	A/G	19p	A	0.008928571	0.004464286
rs2278287	THEG	C/T	19p	T	0	0.004464286
rs2287803	COL5A3	A/G	19p	A	0.022522522	0.044642857
rs2291667	TNFSF14	C/T	19p	T	0	0
rs2302306	TJP3	A/G	19p	A	0	0
rs2305376	HOOK2	C/T	19p	T	0	0
rs2438586	LOC730651	C/G	19p	G	0	0
rs2608737	NWD1	A/T	19p	A	0	0
rs2608738	NWD1	A/G	19p	G	0.049107143	0.040178571
rs265282		C/G	19p	C	0.037735849	0.033333333
rs2914553		A/G	19p	A	0	0
rs3209058	ZNF626	A/C	19p	C	0	0
rs3213409	JAK3	A/G	19p	A	0.017857143	0.013513513
rs352493	SIRT6	C/T	19p	C	0.049107143	0.044642857
rs3745193	GTPBP3	A/G	19p	A	0.013392857	0.022522522
rs3745581	COL5A3	C/G	19p	C	0.013513513	0.009090909
rs3752187	EMR2	A/G	19p	A	0.009009009	0.013513513
rs3885179	ZNF333	G/T	19p	T	0.03125	0.017857143
rs414528	USE1	A/G	19p	A	0	0
rs4804271	FBN3	C/T	19p	C	0	0.004464286
rs4808209	ZNF101	A/C	19p	C	0.040540541	0.066964286
rs4987202	RAD23A	C/T	19p	T	0.008928571	0.017857143
rs5491	ICAM1	A/T	19p	T	0.004464286	0.004464286



rs5497	ICAM1	A/G	19p	A	0	0
rs6511379	ZNF99	G/T	19p	G	0.022321429	0.013636364
rs706764	NWD1	C/T	19p	C	0	0
rs7247284	RNASEH2A	C/T	19p	C	0.026785714	0.049107143
rs7249689		C/G	19p	C	0.018518518	0.032110092
rs7250822	JSRP1	C/G	19p	G	0.027027027	0.017857143
rs7251081	LRG1	C/T	19p	T	0	0.004464286
rs7254529	ZNF763, LOC729745	C/T	19p	C	0.013392857	0.026785714
rs8108188	SLC5A5	G/T	19p	G	0	0
rs8108563	LOC401898	C/G	19p	G	0	0
rs8108981	PBX4	C/T	19p	C	0	0
rs8113325	OR7C2	C/T	19p	T	0	0
rs916019	JAK3	C/T	19p	C	0	0
rs10403702	LOC148003	C/T	19q	C	0	0.004464286
rs10407547	ZNF577	C/T	19q	T	0.017857143	0.009090909
rs10409482	VRK3	C/T	19q	T	0	0.004464286
rs10414030	ZNF331	A/G	19q	A	0.017857143	0.008928571
rs10416460		C/G	19q	G	0.035714286	0.063063063
rs10419876	ZNF473	A/G	19q	G	0	0.009009009
rs10422147	FLJ26850	A/G	19q	A	0	0.009009009
rs1042401	GLTSCR2	A/C	19q	A	0	0
rs1044565	UBE2M, CHMP2A	A/G	19q	G	0	0
rs1058402	PVR	A/G	19q	A	0.045454545	0.040909091
rs1060877	ZNF230	C/G	19q	G	0	0
rs1063126	SEPW1	C/G	19q	C	0.004504504	0
rs10869	SYNGR4	C/T	19q	C	0	0
rs1130480	KIR2DS4	A/T	19q	T	0	0
rs1130504	KIR2DS4	A/C	19q	A	0.014150943	0.027027027
rs11564534	PLA2G4C	G/T	19q	T	0.004672897	0.009708738
rs11569681	SULT2A1	C/G	19q	C	0	0.004464286
rs1227794	ZNF790	A/G	19q	A	0.005154639	0.010204082
rs12460501	LILRB1	A/G	19q	A	0	0.009009009
rs12610019	ZNF667	C/T	19q	C	0	0
rs1433083	ZNF649	C/T	19q	T	0.008928571	0.022321429
rs1545040	EML2	G/T	19q	T	0.03125	0.017857143
rs1549928		A/G	19q	G	0.004464286	0.004504505
rs1626153		C/G	19q	C	0.049107143	0.049549549

rs1657509	ZNF585B	C/T	19q	T	0	0
rs1675404	BLVRB	C/T	19q	T	0	0
rs1697558		C/T	19q	C	0.008928571	0.013392857
rs1799791	ERCC2	C/G	19q	G	0	0
rs1799792	ERCC2	C/T	19q	T	0	0
rs1834698	LILRA2	G/T	19q	T	0	0
rs1860134	LOC148003	A/T	19q	T	0	0
rs1962626	LOC729111	A/C	19q	C	0.018867925	0.004950495
rs200658	SIGLEC9	A/G	19q	A	0.004545454	0
rs2033262	VRK3	A/G	19q	A	0	0.009009009
rs2034891	SIGLEC12	G/T	19q	T	0.044642857	0.013392857
rs203710	PVR	A/G	19q	A	0.027027027	0.008928571
rs2071699	FUT1	C/T	19q	T	0.022321429	0.04954955
rs2111544	ZNF546	C/T	19q	T	0.026785714	0.0625
rs2191432	PEG3, ZIM2	C/T	19q	T	0	0
rs2228278	ZNF135	A/G	19q	G	0	0
rs2228280	ZNF135	C/T	19q	T	0	0
rs2274896	LSM14A	C/T	19q	T	0	0
rs2288420	PTPRH	A/G	19q	G	0.035714286	0.03125
rs2301596	KIAA0841	C/T	19q	T	0	0
rs2304103	C19orf40	C/T	19q	T	0.045045045	0.054545455
rs2304211	MEGF8	A/G	19q	A	0.004504504	0
rs2307184	XRCC1	A/C	19q	A	0	0
rs2307282	PLA2G4C	A/G	19q	G	0	0.004464286
rs270771		C/T	19q	T	0.035714286	0.053571429
rs273690	SIGLEC9	C/T	19q	C	0.004464286	0
rs2909097	ZNF607	A/C	19q	A	0	0
rs2921563	HKR1	A/G	19q	A	0.013392857	0.040178571
rs3208212	ZNF224	A/G	19q	G	0	0
rs3208856	CBLC	C/T	19q	T	0.040178571	0.013392857
rs3212844	KLK1	C/T	19q	C	0.026785714	0.044642857
rs3731003	LIG1	C/T	19q	T	0	0
rs3739186	PNKP	A/T	19q	A	0	0.004464286
rs3745226	ZNF574	A/G	19q	A	0	0
rs3745489	NUP62, IL411	C/T	19q	T	0.017857143	0.004464286
rs3745498	C19orf41	A/G	19q	A	0	0
rs3745962	FAM98C	A/C	19q	A	0.017857143	0.017857143

rs3752179	ZNF470	A/G	19q	G	0.013392857	0
rs3786490	ZNF83	A/G	19q	A	0	0
rs3826711	CYP2B6	C/G	19q	G	0	0.004504505
rs382789	KIRREL2	A/G	19q	A	0	0
rs398235	ZNF155	A/T	19q	T	0	0.004504505
rs399405	ZNF780A	C/T	19q	C	0.017857143	0.004504504
rs404299	KIRREL2	A/G	19q	A	0.035714286	0.054054054
rs4341855		A/G	19q	A	0.049549549	0.044642857
rs435590	ZNF221	C/G	19q	C	0	0
rs4393683		C/T	19q	C	0.049107143	0.044642857
rs444172	ZNF701	C/T	19q	T	0	0
rs4467185	C5AR1	A/G	19q	G	0.013636364	0.022727273
rs4606845		A/G	19q	A	0.05	0.044642857
rs4801959	ZNF665	C/T	19q	T	0.040178571	0.018018018
rs4802584	RYR1	C/G	19q	G	0.013513514	0.004464286
rs4803932	HIF3A	A/G	19q	A	0.022522522	0.026785714
rs4986771	ZNF350	C/T	19q	C	0.036036036	0.037383178
rs4987042	ZNF350	C/T	19q	C	0.004464286	0
rs4987070	LIG1	A/G	19q	G	0	0.004545455
rs4987181	LIG1	C/T	19q	T	0	0
rs5122	APOC2	A/G	19q	A	0	0
rs588574	ZNF787	C/T	19q	T	0.008928571	0.008928571
rs6413542	ZNF230	A/T	19q	A	0.017857143	0.017857143
rs6509358	ELSPBP1	A/G	19q	A	0	0.004464286
rs6510130	ZNF544	C/G	19q	G	0.008928571	0.032110092
rs671542		A/G	19q	A	0	0
rs7245805		A/G	19q	G	0	0.004464286
rs7245978	PSG7	A/G	19q	G	0	0
rs7247538	LILRB2, LOC652626	A/G	19q	A	0	0
rs7249154	LILRA2	C/G	19q	C	0	0
rs7249222	AXL	A/G	19q	A	0.004464286	0
rs7249277		C/G	19q	G	0.013392857	0.022321429
rs7259581		C/T	19q	T	0	0
rs8102548		A/G	19q	A	0	0.008928571
rs8104931	MYBPC2	A/G	19q	A	0	0.004464286
rs8105392		C/T	19q	C	0	0
rs8105410		C/T	19q	C	0	0

rs8107576		A/T	19q	T	0.036036036	0.03125
rs862708	ZNF304	C/T	19q	C	0.022321429	0.035714286
rs9676259	ZNF530	A/G	19q	A	0	0
rs9807853	ZNF577	A/T	19q	A	0.022321429	0.036363636
rs1033545	ZNF133	A/T	20p	A	0.008928571	0
rs10485558	C20orf23	A/T	20p	A	0.035353535	0.035714286
rs10485580	MGC44328	A/G	20p	A	0	0
rs1065191	SSTR4	A/C	20p	C	0	0
rs236150	CHGB	C/G	20p	C	0.004464286	0
rs3188322	CST1	A/T	20p	T	0	0.004504505
rs3746700	UBOX5, FASTKD5	A/G	20p	A	0	0
rs3746782	C20orf23	C/G	20p	C	0.004464286	0
rs3790267	SLC24A3	A/G	20p	A	0.018018018	0.040178571
rs6034717		A/G	20p	G	0.004504505	0
rs6034718		A/G	20p	G	0.004464286	0
rs6035618		C/T	20p	T	0.017857143	0.022321429
rs6048066	TGM3	A/C	20p	C	0.004504505	0
rs6049415	ZNF343	A/G	20p	A	0	0
rs6053968		C/T	20p	C	0.008928571	0
rs6107308	ATRN	A/C	20p	C	0	0
rs6112031	LOC388789	C/T	20p	T	0	0
rs6133278	CHGB	A/G	20p	A	0.022321429	0.013392857
rs6139873	CHGB	A/G	20p	A	0.017857143	0.008928571
rs671650	SIGLEC1	G/T	20p	G	0	0
rs7260784	ANKRD5	A/C	20p	A	0	0
rs8121401	SLC24A3	A/T	20p	A	0.013392857	0
rs8123195	C20orf23	C/T	20p	C	0.008928571	0.004464286
rs910241		A/G	20p	A	0.03125	0.013392857
rs934335	SPTLC3	C/G	20p	G	0.00990099	0.005376344
rs999409	UBOX5	A/G	20p	A	0	0.004464286
rs10036	DYNLRB1	A/T	20q	A	0	0
rs1054349	C20orf106	A/T	20q	A	0	0
rs1054361	C20orf106	A/G	20q	A	0.004464286	0
rs11569321	CD40	C/T	20q	T	0	0
rs11569636	PLTP	A/C	20q	A	0	0
rs1557202		C/T	20q	T	0	0
rs1800961	HNF4A	C/T	20q	T	0.026785714	0.031531532

rs1804160	PCK1	A/G	20q	A	0.027027027	0.049549549
rs194998	CDH26	G/T	20q	T	0	0
rs2071650	SEMG2	C/G	20q	C	0.040178571	0.03125
rs2184436		A/G	20q	G	0.022321429	0.044642857
rs2231838	SPINLW1	A/G	20q	G	0.013392857	0
rs2232585	LBP	A/C	20q	A	0	0.008928571
rs2232607	LBP	A/G	20q	G	0.017857143	0.022727273
rs2273086	B4GALT5	C/T	20q	T	0.013513514	0.013513514
rs2273534	TMEPAI	C/T	20q	C	0.049107143	0.053571429
rs2296151	ASIP	A/G	20q	G	0	0
rs235035	B4GALT5	C/T	20q	C	0	0
rs2427394		C/T	20q	C	0.049107143	0.017857143
rs2865394	ZBP1	C/T	20q	T	0.013392857	0.008928571
rs2892179	CDH4	G/T	20q	G	0.036036036	0.066964286
rs3746500	ZSWIM1	A/G	20q	A	0.013392857	0.027027027
rs3752289	ACTR5	C/T	20q	T	0	0
rs3827040	C20orf165, NEURL2	A/G	20q	A	0.004464286	0.008928571
rs4809443		G/T	20q	T	0.049107143	0.045045045
rs4925229	LAMA5	C/T	20q	T	0.022321429	0.031531532
rs4988492	GHRH	A/G	20q	A	0.017857143	0.018018018
rs5622	PTGIS	A/T	20q	A	0.004464286	0.017857143
rs5741804	BPI	C/T	20q	T	0.049107143	0.040178571
rs5741809	BPI	A/G	20q	G	0	0.017857143
rs5744204	LBP	A/G	20q	A	0.03125	0.022321429
rs5744212	LBP	C/T	20q	T	0.018018018	0
rs6011853		C/T	20q	T	0.035714286	0.053571429
rs6022903	BCAS1	C/T	20q	T	0.035714286	0.049107143
rs6060022	NCOA6	C/T	20q	C	0.008928571	0
rs6060487		A/C	20q	C	0	0
rs6091179	C20orf175	C/T	20q	T	0.035714286	0.013392857
rs6100712		C/T	20q	T	0.03125	0.013513514
rs6120140	C20orf70	C/T	20q	T	0	0
rs6120221	C20orf114	C/T	20q	C	0.004464286	0.004464286
rs6120222	C20orf114	G/T	20q	T	0	0.004464286
rs6129706		A/G	20q	A	0	0
rs707554	C20orf106	C/T	20q	C	0	0
rs7264544	KCNS1	C/T	20q	C	0	0

rs7273698	CD40	C/T	20q	T	0	0
rs750077	DIDO1	C/G	20q	G	0.013636364	0.027522936
rs751887	MMP24	C/T	20q	T	0	0
rs754511	MYH7B	A/T	20q	T	0.004545455	0.008928571
rs11088674	PRSS7	G/T	21q	G	0.004464286	0
rs11911404		A/C	21q	C	0	0.004716981
rs1810385	LOC391282, LOC652167	A/C	21q	A	0	0
rs2070417	TIAM1	A/C	21q	A	0.009174312	0
rs2070418	TIAM1	C/T	21q	T	0	0
rs2230454	MX1	G/T	21q	T	0	0
rs2250977	C21orf25	A/G	21q	A	0.022522522	0.02293578
rs2276231	PIGP	G/T	21q	G	0	0.00462963
rs2298697	MCM3AP	A/G	21q	A	0	0
rs2824494	C21orf91	A/G	21q	G	0.004464286	0.004464286
rs2836172	DSCR8	A/T	21q	T	0.022321429	0.004464286
rs2838095	C21orf129	G/T	21q	T	0.044642857	0.04954955
rs2838497	C21orf33	C/G	21q	G	0.022321429	0
rs2839421	C21orf25	A/G	21q	G	0.049107143	0.035714286
rs363504	GRIK1	C/T	21q	C	0.044642857	0.058035714
rs3746843	C21orf7	A/G	21q	G	0	0
rs3746875	KCNJ15	A/C	21q	C	0	0
rs3819158	PRDM15	C/T	21q	T	0	0
rs3827268	PCBP3	A/G	21q	A	0.049549549	0.107142857
rs456067	LOC388813, LOC651327	C/T	21q	T	0	0
rs4986956	IFNAR2	C/T	21q	C	0.020618557	0.033653846
rs4987121	CBR3	A/T	21q	T	0	0
rs6517549	SH3BGR	A/G	21q	G	0.040178571	0.017857143
rs6570	ITGB2	C/G	21q	C	0.00462963	0
rs685967	CLDN8	A/G	21q	G	0.035714286	0.045045045
rs7275364		A/G	21q	G	0	0
rs7279142	KRTAP19-8, LOC731574	C/T	21q	T	0	0
rs7283442	LIPI	A/T	21q	T	0	0
rs7283632	COL18A1	C/T	21q	T	0	0
rs7510165	FLJ41733	C/T	21q	T	0	0
rs8131539	KRTAP20-2	A/G	21q	G	0	0
rs8132705	KRTAP20-2	C/T	21q	C	0	0
rs8132721	KRTAP20-2	G/T	21q	G	0	0.004464286

rs884134	C21orf56	A/G	21q	A	0	0.004464286
rs915836	ZNF295	C/T	21q	T	0	0
rs928302	TMPRSS3	C/T	21q	T	0.044642857	0.0625
rs999597	KRTAP13-4	C/T	21q	T	0.026785714	0.044642857
rs1042311	PPARA	C/T	22q	T	0.008928571	0.004464286
rs1046166	LARGE	A/G	22q	A	0.027472527	0.01744186
rs11551	FBLN1	G/T	22q	T	0	0.004545455
rs11570606	PLA2G6	A/G	22q	G	0	0.009009009
rs11705259	CCDC116	A/G	22q	A	0.03125	0.009090909
rs13268	FBLN1	A/G	22q	G	0.013513514	0.013636364
rs132736	APOL4	C/T	22q	C	0	0
rs139300	APOBEC3H	A/G	22q	A	0.013392857	0
rs140079		A/G	22q	A	0.045045045	0.0625
rs1475853	PIWIL3	C/T	22q	T	0.040178571	0.022321429
rs1800204	PPARA	A/G	22q	A	0	0
rs1803323	ATF4	C/G	22q	G	0	0
rs2070507	PPM1F	A/C	22q	C	0.031531532	0.040178571
rs2073738	CLTCL1	A/G	22q	A	0.022321429	0.013513513
rs2076051	BPIL2	A/G	22q	G	0.013513514	0.009009009
rs2234331	TUBA8	C/T	22q	T	0	0
rs2234953	GSTT1	A/G	22q	A	0.005	0
rs2235171	SLC5A4	C/T	22q	T	0.035714286	0.03125
rs2241029		C/T	22q	T	0	0
rs2269619	XPNPEP3, DNAJB7	G/T	22q	G	0.013636364	0
rs2277846	L3MBTL2	C/T	22q	T	0	0
rs2330837	GGT1	C/T	22q	T	0	0
rs2982055		C/T	22q	C	0.028037383	0.022321429
rs3747258	CERK	A/G	22q	A	0.03125	0.058035714
rs42942	PES1	A/T	22q	A	0.044642857	0.053571429
rs4820889	TCN2	A/G	22q	A	0.009009009	0.026785714
rs4822557	CTA-221G9.4	A/G	22q	A	0	0
rs4822558	CTA-221G9.4	A/C	22q	A	0	0
rs4823054	ASCC2	C/T	22q	T	0.049107143	0.049107143
rs5753700	SFI1	C/T	22q	T	0.035714286	0.040178571
rs5761170	MYO18B	C/T	22q	T	0.013636364	0.013513514
rs5761405	SEZ6L	A/G	22q	G	0.040540541	0.035714286
rs5904	SERPIND1, PI4KA	C/T	22q	T	0	0

rs5905	SERPIND1, PI4KA	A/G	22q	A	0	0.004545454
rs5992128	MICAL3, LOC729269	G/T	22q	G	0.026785714	0.040178571
rs5999613		A/G	22q	A	0.026785714	0.031531531
rs6004319	SGSM1	A/T	22q	T	0	0
rs6004320	SGSM1	C/T	22q	T	0	0
rs6004350	SGSM1	A/C	22q	C	0	0
rs6004579	LOC729882, LOC731692	A/G	22q	A	0	0.004545454
rs6008794	CELSR1	A/G	22q	G	0	0
rs6009989	LOC644186	A/G	22q	G	0.017857143	0.027027027
rs714136	C22orf31	C/G	22q	G	0	0
rs7284177	MYO18B	A/G	22q	A	0.035714286	0.022321429
rs7288201	GGTLA1	C/T	22q	C	0.03125	0.008928571
rs7290117	ZNRF3	C/T	22q	T	0	0.008928571
rs742021		A/G	22q	A	0.026595745	0.036842105
rs8138516	DEPDC5	C/G	22q	C	0	0
rs8142666	MTMR3	C/T	22q	T	0	0
rs8192548	MFNG	C/T	22q	T	0.022321429	0.022321429
rs9625679	C22orf31	A/G	22q	G	0.018867925	0.028037383
rs1047037	FAM104B	A/G	Xp	A		
rs10521938		A/C	Xp	C		
rs1058239	VCX2, VCX3A	C/G	Xp	C		
rs11094694		A/G	Xp	A		
rs1132201	CXorf36	A/G	Xp	A		
rs12012704	AKAP4	C/G	Xp	C		
rs1207580		A/G	Xp	A		
rs12689461	MAGED1	A/C	Xp	A		
rs12689863	SHROOM4	A/G	Xp	A		
rs1368769	MAGEB10	C/T	Xp	T		
rs1410961	MAGEB16	C/T	Xp	C		
rs1635242	MXRA5	C/T	Xp	C		
rs1635246	MXRA5	A/G	Xp	G		
rs1726199	MXRA5	A/G	Xp	G		
rs1726208	MXRA5	C/G	Xp	C		
rs1800275	DMD	A/C	Xp	C		
rs1800280	DMD	A/G	Xp	G		
rs1801187	DMD	A/G	Xp	A		
rs1997639	ELK1	C/T	Xp	T		



rs2009742	LOC644969	A/G	Xp	A
rs2071309	MAGEB3	C/T	Xp	T
rs2071848	NHS	A/T	Xp	T
rs2073942	SHROOM2	C/G	Xp	C
rs211648	ARSD	C/G	Xp	G
rs228406	DMD	C/T	Xp	T
rs2306734	GYG2	C/T	Xp	C
rs2306735	GYG2	A/G	Xp	A
rs235824	WDR13	G/T	Xp	G
rs2375465	FOXR2	C/T	Xp	T
rs2707164	CXorf58	A/G	Xp	G
rs3747295	NHS	C/T	Xp	C
rs3764880	TLR8	A/G	Xp	G
rs4412516	DDX53	C/T	Xp	C
rs4826381	PAGE3	C/T	Xp	T
rs4829392	MAGEB16	C/T	Xp	C
rs5744077	TLR8	A/G	Xp	G
rs5906091		A/T	Xp	A
rs5909118	MAP3K15	A/T	Xp	T
rs5909299	MAP3K15	C/T	Xp	C
rs5909301	MAP3K15	A/T	Xp	T
rs5926203	DDX53	G/T	Xp	T
rs5934089		C/T	Xp	C
rs5935650	MGC17403	G/T	Xp	G
rs5943854	MAGEB6B	A/G	Xp	G
rs5951426	ZNF645	G/T	Xp	T
rs5952474	SSX6, SPACA5	C/T	Xp	T
rs5969783	CXorf15	A/G	Xp	G
rs5973488	MAGEB16	A/G	Xp	A
rs5973603		A/G	Xp	A
rs5983119	MXRA5	C/T	Xp	T
rs6521112	ZNF673	C/G	Xp	G
rs6527569	CXorf30	A/G	Xp	G
rs6629430		A/G	Xp	A
rs7059433	LOC139249	A/C	Xp	C
rs7064096	GAGE12J	A/G	Xp	G
rs7066976		C/T	Xp	C

rs723119	WASF4, LOC647909	A/G	Xp	G
rs7357825	MAGEB6B	A/G	Xp	A
rs7883609	DGKK	A/G	Xp	A
rs7887327		C/T	Xp	T
rs8177068	CFP	A/G	Xp	A
rs909713	WASF4, LOC647909	G/T	Xp	T
rs10127175	IRAK1	A/T	Xq	T
rs1045686	NAP1L3, FAM133A	C/G	Xq	C
rs1046488	KIF4A	C/G	Xq	C
rs1047251	MAGEA4	A/G	Xq	G
rs1050086		A/G	Xq	A
rs1055497	MAP7D3	G/T	Xq	T
rs11095909	MAGEC3	C/T	Xq	C
rs1113265	FAM46D	C/G	Xq	C
rs1129980	GPC4	G/T	Xq	T
rs1190736	GPR101	A/C	Xq	A
rs1198711		C/T	Xq	T
rs12008095	GUCY2F	A/G	Xq	G
rs12009847	TCEAL3	C/G	Xq	G
rs12013711	CAPN6	C/G	Xq	G
rs12688415	CHRD1	C/T	Xq	T
rs1298577	NUP62CL	A/G	Xq	G
rs1343879	MAGEE2	A/C	Xq	A
rs1382533		C/T	Xq	C
rs1385699	EDA2R	C/T	Xq	C
rs1467881	ZNF275	C/G	Xq	G
rs1727458		A/C	Xq	A
rs176024	MAGEC3	A/G	Xq	G
rs1802288	TSPAN6	A/G	Xq	A
rs1804495	SERPINA7	G/T	Xq	T
rs1894359	CSAG1	A/T	Xq	T
rs1894360	CSAG1	C/G	Xq	G
rs2048366		A/G	Xq	G
rs2070818	EMD	C/G	Xq	C
rs2071033		C/T	Xq	T
rs2071306		G/T	Xq	T
rs2071756	NOX1	C/T	Xq	T

rs2071913	HTATSF1	C/G	Xq	G
rs2072452	ATP1B4	C/T	Xq	C
rs2073043	CXorf6	A/G	Xq	G
rs217940		C/T	Xq	C
rs2179675	BHLHB9	A/G	Xq	G
rs2213591	ODZ1	C/T	Xq	C
rs2239834	LOC645188	A/G	Xq	G
rs2266890	TMEM187	C/T	Xq	T
rs2272925	GUCY2F	G/T	Xq	T
rs2290380	TGIF2LX, LOC730419	A/G	Xq	G
rs2295336	SLITRK2	C/T	Xq	C
rs2305570	RP13-347D8.3	A/G	Xq	G
rs2460511		C/G	Xq	C
rs2475424		C/T	Xq	C
rs2475425		G/T	Xq	T
rs2503369		A/G	Xq	G
rs2503370		C/G	Xq	C
rs261663		C/T	Xq	T
rs2642219	DIAPH2, RPA4	C/T	Xq	T
rs2728534	DKC1	G/T	Xq	G
rs3012627	CITED1	C/G	Xq	C
rs3027571		C/G	Xq	C
rs3027910	MECP2	A/G	Xq	A
rs3115758	APLN	G/T	Xq	T
rs3122407	BRWD3	C/T	Xq	T
rs3747406		C/T	Xq	C
rs3752359	CXorf1	G/T	Xq	G
rs3761592	RP13-347D8.3	A/T	Xq	T
rs3810651	GABRQ	A/T	Xq	T
rs3810713		C/G	Xq	C
rs3810715	FATE1	A/G	Xq	A
rs3810755	SLC25A43	A/G	Xq	G
rs3827440	GPR174	A/G	Xq	A
rs4252205	PCDH11X	A/G	Xq	A
rs4289953		C/T	Xq	C
rs4623583		A/G	Xq	A
rs4827909		A/G	Xq	G

rs4829799	SAGE1	C/T	Xq	C
rs4829829	GPR112	A/G	Xq	G
rs4907817		C/T	Xq	T
rs502209	GUCY2F	A/G	Xq	G
rs572013	VBP1	C/T	Xq	T
rs5911634		A/C	Xq	A
rs5911810		C/T	Xq	C
rs5920607		A/G	Xq	A
rs5924658	PASD1	C/G	Xq	G
rs5930506		C/T	Xq	C
rs5930931	GPR112	A/C	Xq	A
rs5930932	GPR112	C/T	Xq	C
rs5931046	GPR101	A/G	Xq	G
rs5940915	CPXCR1	A/C	Xq	A
rs5951328	TAF7L	A/G	Xq	A
rs5951332	ARMCX4	A/G	Xq	A
rs5953851	SPANXN3	C/T	Xq	T
rs5955139	RP11-35F15.2	A/G	Xq	A
rs5991935		A/G	Xq	A
rs6048	F9	A/G	Xq	G
rs6525433	TEX11	C/T	Xq	C
rs6525447	SLC7A3	C/G	Xq	C
rs6526155	PNMA3	C/T	Xq	T
rs655415	OR13H1	A/C	Xq	A
rs6568050	ZCCHC16	C/T	Xq	C
rs6627242		C/T	Xq	C
rs6648942		G/T	Xq	T
rs6655782	STAG2	G/T	Xq	G
rs7058353	PIN4	A/C	Xq	C
rs7058824		A/G	Xq	G
rs709036	BEX1	C/T	Xq	T
rs714147	CNGA2	A/G	Xq	A
rs764631	FMR1NB	C/T	Xq	T
rs7879053		C/T	Xq	T
rs7881332	FLJ44635	C/T	Xq	C
rs7881794		G/T	Xq	G
rs7884806	FLJ44635	C/T	Xq	T

rs912002	GPR112	C/T	Xq	C
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\* P-values were derived from unconditional logistic regression assuming a log-additive model. P-values were not calculated for single nucleotide polymorphisms with a minor allele frequency < 5% or those on the X chromosome.

