

Supplementary table 2: cis-eQTLs significant (FDR < 5%)

Linear Regression			SNP						Transcript				
Beta	Categ	p.value	Name	Gene	Chr	Position	Call rate	maf	probeset	Gene	Chr	Start	End
-0.19	neg	5.63E-05	rs34238514	NADK	1	1706735	0.98	0.19	7911371	C1orf170	1	910579	917473
-0.19	neg	5.63E-05	rs16824526	GNB1	1	1818129	1.00	0.21	7911371	C1orf170	1	910579	917473
-0.17	neg	6.75E-05	rs903914	MORN1	1	2289321	0.98	0.18	7911683	C1orf86	1	2120989	2126214
-0.46	neg	2.15E-05	rs2250358	CHD5	1	6196869	0.98	0.43	7897236	KCNAB2	1	6086380	6160523
-0.28	neg	8.56E-05	rs1344418	RP1-21O18.1	1	14929423	0.98	0.27	7898115	TMEM51	1	15479028	15546973
-0.22	neg	8.98E-06	rs10917225	-	1	22733144	0.98	0.48	7913558	LUZP1	1	23410516	23495351
-0.22	neg	5.52E-06	rs4655059	-	1	22735906	0.97	0.47	7913558	LUZP1	1	23410516	23495351
0.12	pos	8.55E-05	rs6699113	TMEM57	1	25777743	0.97	0.50	7899075	EXTL1	1	26348271	26362952
0.10	pos	4.30E-05	rs12566174	GMEB1	1	29001893	0.97	0.45	7914235	SRSF4	1	29474251	29508637
0.11	pos	6.38E-05	rs12746205	GMEB1	1	29004746	0.92	0.45	7914235	SRSF4	1	29474251	29508637
0.10	pos	4.30E-05	rs6682357	GMEB1	1	29038610	0.98	0.44	7914235	SRSF4	1	29474251	29508637
0.66	pos	9.57E-05	rs17392923	SSBP3	1	54769756	1.00	0.28	7916282	LRP8	1	53711218	53793726
-0.74	neg	5.20E-05	rs6587909	-	1	61389213	1.00	0.27	7901788	NFIA	1	61542946	61928459
1.29	pos	2.64E-05	rs12354033	ST6GALNAC3	1	77076004	1.00	0.08	7902452	AK5	1	77747742	78025652
1.29	pos	2.64E-05	rs341007	-	1	77115607	1.00	0.07	7902452	AK5	1	77747742	78025652
-0.54	neg	3.19E-05	rs12409882	WDR63	1	85573296	1.00	0.08	7917331	C1orf52	1	85715639	85725355
0.60	pos	6.56E-05	rs12072027	-	1	86062222	1.00	0.24	7917433	ODF2L	1	86815778	86862025

1.53	pos	1.27E-05	rs1120519	COL11A1	1	103402184	0.97	0.10	7903414	AMY2A	1	104159999	104168393
-0.16	neg	1.10E-04	rs11802277	-	1	118178654	0.95	0.38	7918955	GDAP2	1	118419846	118472302
0.35	pos	6.87E-05	rs4970924	GOLPH3L	1	150633079	0.94	0.48	7919669	MTMR11	1	149900544	149908791
0.35	pos	9.32E-05	rs11204695	GOLPH3L	1	150657011	0.94	0.48	7919669	MTMR11	1	149900544	149908791
0.36	pos	9.78E-05	rs11204725	-	1	150742700	0.94	0.49	7919669	MTMR11	1	149900544	149908791
0.36	pos	7.75E-05	rs12125650	-	1	150760174	0.98	0.49	7919669	MTMR11	1	149900544	149908791
-0.17	neg	2.56E-05	rs1777930	KCNN3	1	154767834	0.98	0.16	8142468	TPM3	1	154134290	154164609
0.85	pos	9.04E-05	rs960893	-	1	158820153	1.00	0.12	7906386	PYHIN1	1	158901342	158946841
1.24	pos	1.33E-06	rs8623	MPZL1	1	167759838	1.00	0.10	7907053	DUSP27	1	167064087	167098402
1.21	pos	8.89E-05	rs2213865	F5	1	169486128	1.00	0.05	7922229	SELE	1	169691782	169703220
1.21	pos	8.89E-05	rs6035	F5	1	169521849	0.98	0.06	7922229	SELE	1	169691782	169703220
1.21	pos	5.34E-05	rs2274623	NPHS2 - C1orf125	1	179520108	0.98	0.20	7922627	NPHS2	1	179519677	179545084
1.25	pos	4.67E-05	rs12740826	NPHS2	1	179531365	0.95	0.19	7922627	NPHS2	1	179519677	179545084
1.21	pos	5.34E-05	rs16854429	TDRD5	1	179609589	0.98	0.21	7922627	NPHS2	1	179519677	179545084
0.59	pos	6.55E-05	rs12141644	PTPN7	1	202125994	1.00	0.08	7923386	LMOD1	1	201865585	201915716
-0.10	neg	2.26E-05	rs1610399	LRRN2	1	204633858	0.97	0.47	7909064	CNTN2	1	205012340	205047136
1.60	pos	2.07E-06	rs320425	-	1	213702665	0.98	0.09	7909661	RPS6KC1	1	213224588	213446807
1.15	pos	2.01E-05	rs6426158	-	1	224977143	0.97	0.36	7910022	CNIH3	1	224804179	224928249
0.40	pos	9.37E-05	rs2066239	-	1	245869299	0.97	0.25	7911138	CNST	1	246729639	246811543
0.21	pos	4.29E-05	rs11685771	-	2	9852110	1.00	0.36	8050215	YWHAQ	2	9724107	9771106
0.29	pos	8.65E-05	rs4669444	-	2	9869267	0.95	0.35	8040142	CPSF3	2	9563868	9613227

0.20	pos	8.15E-06	rs4669444	-	2	9869267	0.95	0.35	8050215	YWHAQ	2	9724107	9771106
-0.70	neg	1.02E-04	rs6746441	-	2	15856372	1.00	0.47	8050427	FAM49A	2	16730732	16847134
0.70	pos	1.07E-04	rs10929382	-	2	15887638	1.00	0.49	8050427	FAM49A	2	16730732	16847134
1.17	pos	8.63E-05	rs11683784	FLJ42562	2	55179512	1.00	0.10	8052269	CCDC88A	2	55514978	55647057
1.13	pos	5.84E-05	rs11125550	FLJ42562	2	55182032	0.98	0.16	8052269	CCDC88A	2	55514978	55647057
1.19	pos	5.59E-05	rs2580768	RTN4	2	55214015	0.97	0.13	8052269	CCDC88A	2	55514978	55647057
1.33	pos	6.94E-05	rs17047369	-	2	56198401	1.00	0.10	8052269	CCDC88A	2	55514978	55647057
0.30	pos	3.12E-05	rs2421916	LOC51057	2	63447682	0.97	0.42	8052585	TMEM17	2	62727356	62733604
0.70	pos	9.00E-05	rs11684168	-	2	88694167	1.00	0.16	8053622	RGPD1	2	88055479	88285309
-0.39	neg	2.22E-05	rs7580941	-	2	151044800	0.97	0.49	8055672	MMADHC	2	150426150	150444330
-0.40	neg	4.28E-05	rs2376603	-	2	151056478	0.95	0.48	8055672	MMADHC	2	150426150	150444330
0.39	pos	2.22E-05	rs1374157	-	2	151070216	0.95	0.50	8055672	MMADHC	2	150426150	150444330
0.39	pos	8.30E-05	rs1155072	-	2	151070915	0.95	0.48	8055672	MMADHC	2	150426150	150444330
-0.40	neg	4.28E-05	rs4260269	-	2	151076984	0.97	0.49	8055672	MMADHC	2	150426150	150444330
0.62	pos	1.17E-05	rs9646776	-	2	169165476	1.00	0.08	8056583	ABCB11	2	169779449	169887833
-0.68	neg	6.69E-06	rs7579312	-	2	189882685	1.00	0.08	8057700	ORMDL1	2	190634994	190649097
0.46	pos	5.96E-05	rs10169182	-	2	231493293	0.97	0.30	8059680	HTR2B	2	231972952	231989824
0.24	pos	6.95E-05	rs838424	PDE6D	2	232598065	0.94	0.22	8059689	NCL	2	232319460	232329205
0.24	pos	6.95E-05	rs17271824	PDE6D	2	232630459	0.95	0.19	8059689	NCL	2	232319460	232329205
0.24	pos	3.82E-05	rs2340510	PDE6D	2	232635146	0.95	0.25	8059689	NCL	2	232319460	232329205
0.22	pos	5.81E-05	rs13424754	-	2	232647754	0.97	0.26	8059689	NCL	2	232319460	232329205

0.23	pos	5.56E-05	rs6732581	-	2	232648658	0.97	0.24	8059689	NCL	2	232319460	232329205
-0.20	neg	1.12E-04	rs6550828	-	3	24037673	0.98	0.31	8078262	UBE2E1	3	23847439	23932802
1.16	pos	3.32E-06	rs10865799	-	3	24921468	0.98	0.11	8078286	RARB	3	25469754	25639420
-0.41	neg	2.43E-05	rs7626059	LARS2	3	45564879	0.92	0.38	8079311	LARS2	3	45430075	45590328
0.34	pos	1.35E-05	rs1282090	CD96	3	111297114	0.97	0.29	8089489	SLC9A10	3	111859755	112013074
0.53	pos	7.17E-05	rs982040	-	3	118442496	1.00	0.13	8081890	PLA1A	3	119316722	119348656
0.53	pos	7.17E-05	rs568458	-	3	118466582	0.98	0.12	8081890	PLA1A	3	119316722	119348656
0.53	pos	7.17E-05	rs798257	-	3	118468626	0.98	0.11	8081890	PLA1A	3	119316722	119348656
0.36	pos	1.19E-05	rs6767119	COPG	3	128988225	1.00	0.15	8090511	ACAD9	3	128598333	128631956
0.57	pos	2.07E-06	rs6767119	COPG	3	128988225	1.00	0.15	8082444	ACAD9	3	128598333	128631956
0.36	pos	1.19E-05	rs7638782	C3orf37	3	129022013	1.00	0.13	8090511	ACAD9	3	128598333	128631956
0.57	pos	2.07E-06	rs7638782	C3orf37	3	129022013	1.00	0.13	8082444	ACAD9	3	128598333	128631956
0.52	pos	4.14E-05	rs4809	H1FX	3	129033857	0.97	0.14	8082444	ACAD9	3	128598333	128631956
0.29	pos	6.43E-05	rs4809	H1FX	3	129033857	0.97	0.14	8090511	ACAD9	3	128598333	128631956
0.62	pos	2.05E-05	rs7427129	-	3	129075522	1.00	0.10	8082444	ACAD9	3	128598333	128631956
0.75	pos	5.52E-05	rs13319291	CPNE4	3	131382805	0.98	0.40	8122334	CCRL1	3	132316094	132321380
-1.67	neg	5.28E-05	rs13078073	-	3	157594704	1.00	0.24	8091723	RARRES1	3	158422442	158450275
1.41	pos	9.07E-05	rs1399757	-	3	157606256	1.00	0.07	8091678	VEPH1	3	157177410	157221415
-1.22	neg	7.94E-05	rs7644900	MDS1	3	169372156	0.98	0.10	8091972	MECOM	3	168801287	169381563
-0.61	neg	7.35E-05	rs9883329	AADACL1	3	172384590	0.97	0.35	8092177	NCEH1	3	172348436	172429008
0.14	pos	9.22E-05	rs849755	-	3	186821199	1.00	0.49	8092661	MASP1	3	186964142	187009810

-0.47	neg	1.19E-05	rs4865115	-	4	57397910	0.98	0.21	8100428	CLOCK	4	56298660	56412997
-0.62	neg	2.41E-05	rs7673438	-	4	72562185	1.00	0.15	8095566	MOB1B	4	71768064	71853890
-1.05	neg	4.08E-06	rs4694639	-	4	74699054	0.98	0.50	8100943	RASSF6	4	74438862	74486340
0.36	pos	6.46E-05	rs4863907	-	4	130767559	0.98	0.24	8102751	SCLT1	4	129805152	130014764
0.36	pos	6.46E-05	rs12507354	-	4	130853840	0.98	0.26	8102751	SCLT1	4	129805152	130014764
-1.68	neg	6.65E-05	rs2303736	SLC9A3	5	488298	0.98	0.13	8104234	TRIP13	5	892969	909047
1.21	pos	5.91E-06	rs7728003	-	5	86471668	0.97	0.08	8106771	NBPF22P	5	85578262	85593362
1.27	pos	1.97E-05	rs30394	-	5	86490293	0.95	0.08	8106771	NBPF22P	5	85578262	85593362
-0.65	neg	6.42E-05	rs269853	-	5	95806979	0.95	0.49	8107066	LNPEP	5	96271346	96365115
0.46	pos	3.98E-05	rs7707660	FER	5	108519979	0.97	0.48	8113469	PJA2	5	108670411	108745675
0.47	pos	3.78E-05	rs10900654	-	5	108542526	0.97	0.44	8113469	PJA2	5	108670411	108745675
0.47	pos	3.78E-05	rs13181049	-	5	108550889	0.95	0.43	8113469	PJA2	5	108670411	108745675
-0.32	neg	9.92E-05	rs509237	MCC	5	112550247	0.97	0.19	8107356	DCP2	5	112312433	112356666
0.23	pos	4.94E-05	rs378361	-	5	141301096	0.94	0.37	8108822	RELL2	5	141016517	141020630
-1.16	neg	1.88E-05	rs256156	-	5	151518156	0.98	0.34	8115302	FAT2	5	150883654	150948505
-0.59	neg	4.44E-05	rs1833736	-	5	156849722	0.95	0.48	8109507	ITK	5	156607907	156682109
0.30	pos	2.20E-05	rs876285	SLIT3	5	168559167	0.97	0.33	8109819	FBLL1	5	167956582	167957638
1.16	pos	4.37E-05	rs315782	-	5	169731198	0.97	0.09	8109926	GABRP	5	170210723	170241048
1.11	pos	7.84E-05	rs315761	-	5	169767523	1.00	0.05	8109926	GABRP	5	170210723	170241048
-0.31	neg	4.60E-05	rs10077440	FGF18	5	170869582	0.94	0.37	8115765	FBXW11	5	171288556	171433877
-0.16	neg	3.96E-06	rs9393002	-	6	890387	0.98	0.43	8123558	HUS1B	6	655940	656964

0.69	pos	1.10E-04	rs9381884	PHACTR1	6	13278788	0.98	0.08	8116921	EDN1	6	12290529	12297426
0.29	pos	1.04E-04	rs9383005	-	6	14950033	0.95	0.45	8116998	JARID2	6	15246527	15522252
0.29	pos	6.07E-05	rs16894709	-	6	29272301	0.98	0.08	8178287	OR5V1	6	29323008	29324054
1.26	pos	9.41E-05	rs2844745	-	6	30343703	0.98	0.34	8178330	TRIM31	6	30070674	30080867
1.33	pos	9.18E-05	rs2844745	-	6	30343703	0.98	0.34	8179617	TRIM31	6	30070674	30080867
1.25	pos	6.81E-05	rs2516688	-	6	30364524	1.00	0.35	8178330	TRIM31	6	30070674	30080867
1.33	pos	6.06E-05	rs2516688	-	6	30364524	1.00	0.35	8179617	TRIM31	6	30070674	30080867
1.27	pos	6.57E-05	rs1059510	HLA-E	6	30457732	0.94	0.30	8178330	TRIM31	6	30070674	30080867
1.35	pos	4.58E-05	rs1059510	HLA-E	6	30457732	0.94	0.30	8179617	TRIM31	6	30070674	30080867
1.30	pos	4.19E-05	rs1264456	-	6	30462084	0.97	0.31	8178330	TRIM31	6	30070674	30080867
1.39	pos	2.98E-05	rs1264456	-	6	30462084	0.97	0.31	8179617	TRIM31	6	30070674	30080867
1.45	pos	6.16E-05	rs2534804	-	6	30486456	0.97	0.26	8179617	TRIM31	6	30070674	30080867
1.36	pos	7.36E-05	rs2534804	-	6	30486456	0.97	0.26	8178330	TRIM31	6	30070674	30080867
1.29	pos	2.97E-05	rs2524226	-	6	30497490	0.98	0.31	8178330	TRIM31	6	30070674	30080867
1.39	pos	1.88E-05	rs2524226	-	6	30497490	0.98	0.31	8179617	TRIM31	6	30070674	30080867
1.30	pos	4.19E-05	rs3132613	ABCF1	6	30537606	0.98	0.30	8178330	TRIM31	6	30070674	30080867
1.39	pos	2.98E-05	rs3132613	ABCF1	6	30537606	0.98	0.30	8179617	TRIM31	6	30070674	30080867
1.34	pos	5.57E-05	rs732229	ABCF1	6	30544941	0.98	0.27	8178330	TRIM31	6	30070674	30080867
1.44	pos	4.06E-05	rs732229	ABCF1	6	30544941	0.98	0.27	8179617	TRIM31	6	30070674	30080867
0.79	pos	2.50E-05	rs3094100	DHX16	6	30625155	1.00	0.15	8178489	HLA-C	6	31236530	31239855
0.94	pos	2.71E-07	rs3094098	DHX16	6	30629152	0.98	0.14	8178489	HLA-C	6	31236530	31239855

-1.53	neg	1.88E-06	rs7756294	LOC729792	6	31012356	1.00	0.09	8179322	HSPA1A	6	31783291	31785717
1.18	pos	8.04E-05	rs3906263	-	6	31031904	0.98	0.17	8179719	POU5F1	6	31132115	31138451
-0.15	neg	1.13E-05	rs2233966	PSORS1C1	6	31080859	0.95	0.45	8179810	LY6G6E	6	31680118	31681842
-0.15	neg	6.78E-06	rs3130553	CDSN	6	31082285	0.94	0.43	8179810	LY6G6E	6	31680118	31681842
-0.14	neg	9.39E-05	rs1062470	PSORS1C1	6	31084435	0.98	0.38	8179810	LY6G6E	6	31680118	31681842
-0.14	neg	9.39E-05	rs3130995	PSORS1C1	6	31090552	0.97	0.38	8179810	LY6G6E	6	31680118	31681842
-1.64	neg	8.75E-08	rs7760698	-	6	31150225	1.00	0.09	8179322	HSPA1A	6	31783291	31785717
1.65	pos	2.20E-06	rs2394892	-	6	31205382	0.94	0.07	8124855	SFTA2	6	30899128	30899952
1.97	pos	1.95E-07	rs3873372	HLA-C	6	31235798	0.95	0.07	8124855	SFTA2	6	30899128	30899952
0.53	pos	3.19E-05	rs9264602	HLA-C	6	31237405	0.98	0.27	8178489	HLA-C	6	31236530	31239855
1.57	pos	1.25E-05	rs2246010	-	6	31317024	0.95	0.08	8124855	SFTA2	6	30899128	30899952
-1.66	neg	1.02E-04	rs3828875	XXbac- BPG181B23.1	6	31379168	1.00	0.07	8179322	HSPA1A	6	31783291	31785717
-0.31	neg	2.57E-05	rs2071590	LTA	6	31539768	0.95	0.41	8179326	C6orf48	6	31802693	31807539
-0.47	neg	4.63E-05	rs1048709	CFB	6	31914935	1.00	0.10	8125360	PBX2	6	32152510	32157963
0.75	pos	1.03E-04	rs9267873	-	6	32199352	0.98	0.22	8125461	HLA-DQB1	6	32627657	32634466
-1.52	neg	1.02E-04	rs1980493	BTNL2	6	32363215	0.98	0.11	8118669	KIFC1	6	33359313	33377697
-1.52	neg	7.02E-05	rs2227138	-	6	32384500	1.00	0.11	8118669	KIFC1	6	33359313	33377697
-1.52	neg	7.02E-05	rs3135353	-	6	32392877	0.98	0.10	8118669	KIFC1	6	33359313	33377697
2.56	pos	1.98E-08	rs9271775	-	6	32594328	1.00	0.05	8125436	HLA-DRB5	6	32485163	32498006
1.59	pos	3.48E-06	rs9271775	-	6	32594328	1.00	0.05	8118556	HLA-DQA1	6	32605183	32611428

1.22	pos	3.73E-05	rs9271775	-	6	32594328	1.00	0.05	8125461	HLA-DQB1	6	32627657	32634466
2.88	pos	2.07E-08	rs9271775	-	6	32594328	1.00	0.05	8125447	HLA-DQB1	6	32627657	32634466
-1.42	neg	1.93E-05	rs2187668	HLA-DQA1	6	32605884	0.97	0.16	8179564	KIFC1	6	33359313	33377697
-1.38	neg	1.61E-05	rs2187668	HLA-DQA1	6	32605884	0.97	0.16	8118669	KIFC1	6	33359313	33377697
-1.42	neg	1.93E-05	rs2854275	HLA-DQB1	6	32628428	0.98	0.17	8179564	KIFC1	6	33359313	33377697
-1.38	neg	1.61E-05	rs2854275	HLA-DQB1	6	32628428	0.98	0.17	8118669	KIFC1	6	33359313	33377697
-1.46	neg	2.35E-05	rs3134986	-	6	32644553	0.90	0.18	8179564	KIFC1	6	33359313	33377697
-1.42	neg	2.26E-05	rs3134986	-	6	32644553	0.90	0.18	8118669	KIFC1	6	33359313	33377697
0.39	pos	6.39E-05	rs719653	-	6	32752566	0.94	0.31	8178833	HLA-DOB	6	32780541	32784825
1.30	pos	2.32E-05	rs2187686	-	6	32761507	0.94	0.38	8179351	CFB	6	31913721	31919860
1.23	pos	7.05E-05	rs2857135	-	6	32775821	0.97	0.34	8179351	CFB	6	31913721	31919860
1.23	pos	3.97E-05	rs9469529	ITPR3	6	33587443	0.98	0.07	8125461	HLA-DQB1	6	32627657	32634466
0.44	pos	9.20E-05	rs3748080	ITPR3	6	33587954	0.98	0.11	8118564	HLA-DQA2	6	32709163	32714664
0.91	pos	1.09E-04	rs11751469	-	6	33804547	0.98	0.32	8125483	TAP2	6	32793188	32806547
-0.71	neg	7.09E-05	rs9394395	FGD2	6	36974668	0.97	0.11	8126095	CCDC167	6	37450699	37467700
0.25	pos	3.86E-06	rs2234185	CNPY3	6	42897074	0.94	0.49	8119582	KIAA0240	6	42788794	42836296
-0.31	neg	6.05E-05	rs10807443	PAQR8	6	52242105	1.00	0.42	8127109	ICK	6	52866098	52926600
2.02	pos	8.17E-05	rs10948748	-	6	53220825	0.94	0.15	8127072	GSTA1	6	52656179	52668664
-0.27	neg	9.44E-05	rs6914160	-	6	53560062	0.97	0.44	8127109	ICK	6	52866098	52926600
-0.21	neg	6.83E-05	rs1328854	-	6	73234147	0.98	0.06	8138531	EEF1A1	6	74225475	74230755
-0.42	neg	7.39E-05	rs6929592	-	6	119076378	0.98	0.49	8129193	CEP85L	6	118812597	118973020



-0.35	neg	4.40E-05	rs2807893	-	6	137585425	1.00	0.36	8129783	MAP7	6	136663873	136871792
-0.36	neg	4.37E-05	rs2807889	-	6	137590805	0.92	0.34	8129783	MAP7	6	136663873	136871792
0.36	pos	8.41E-05	rs9968875	MTHFD1L	6	151313367	0.98	0.13	8122843	ESR1	6	152011631	152424406
0.40	pos	8.91E-05	rs4275177	LOC100132244	7	194247	1.00	0.14	8131044	GET4	7	916191	936071
1.33	pos	9.42E-05	rs7777171	TMEM195	7	15241437	1.00	0.34	8138337	AGMO	7	15239943	15601640
-0.21	neg	5.58E-06	rs1636898	RAPGEF5	7	22354617	0.98	0.47	8104727	TOMM7	7	22852254	22862421
0.20	pos	4.04E-06	rs10950897	RAPGEF5	7	22357716	0.98	0.44	8104727	TOMM7	7	22852254	22862421
0.19	pos	6.52E-06	rs12333614	RAPGEF5	7	22358234	1.00	0.48	8104727	TOMM7	7	22852254	22862421
0.15	pos	3.33E-05	rs10225492	CDC2L5	7	40058992	0.98	0.36	8132404	LOC646999	7	39649086	39651687
1.00	pos	5.61E-05	rs13233754	-	7	55941077	1.00	0.07	8137464	PSPH	7	56078746	56119268
1.00	pos	5.61E-05	rs3813504	-	7	56030220	1.00	0.09	8137464	PSPH	7	56078746	56119268
0.89	pos	1.62E-05	rs13238899	SUMF2	7	56140618	1.00	0.12	8137464	PSPH	7	56078746	56119268
-0.16	neg	1.01E-04	rs758245	-	7	67035262	1.00	0.37	8133202	TYW1	7	66461817	66704496
-0.16	neg	9.77E-05	rs11772426	-	7	67088079	1.00	0.35	8133202	TYW1	7	66461817	66704496
0.10	pos	3.73E-05	rs6966728	-	7	104618318	0.97	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs888086	-	7	104626690	0.97	0.40	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs6976394	-	7	104632980	0.95	0.40	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs12534212	-	7	104641241	0.97	0.39	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.66E-05	rs11978288	-	7	104643470	0.98	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.84E-05	rs6466035	-	7	104646899	0.94	0.39	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.73E-05	rs2299305	SRPK2	7	104791075	0.97	0.42	8135262	LHFPL3	7	103969104	104549001

0.10	pos	3.23E-05	rs1010340	SRPK2	7	104830695	0.95	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs6974874	SRPK2	7	104834293	0.97	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.23E-05	rs7796945	SRPK2	7	104838050	0.97	0.40	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs7794036	SRPK2	7	104870448	0.98	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.60E-05	rs6955133	SRPK2	7	104915625	0.82	0.45	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.48E-05	rs1468359	SRPK2	7	104922022	0.95	0.41	8135262	LHFPL3	7	103969104	104549001
0.10	pos	7.66E-05	rs7790653	SRPK2	7	104931545	0.98	0.42	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.23E-05	rs12155351	SRPK2	7	104943302	0.95	0.40	8135262	LHFPL3	7	103969104	104549001
0.10	pos	3.73E-05	rs12536794	SRPK2	7	104990954	0.94	0.42	8135262	LHFPL3	7	103969104	104549001
-0.42	neg	3.17E-05	rs2525714	ING3	7	120601437	0.97	0.24	8135718	ING3	7	120590817	120597034
-0.41	neg	5.52E-05	rs2525725	ING3	7	120610901	0.97	0.23	8135718	ING3	7	120590817	120597034
-0.39	neg	1.10E-04	rs13881	ING3	7	120616010	0.97	0.24	8135718	ING3	7	120590817	120597034
-0.19	neg	9.63E-05	rs1425086	-	7	131533620	0.97	0.32	8136259	MKLN1	7	130794855	131181397
-0.36	neg	5.26E-05	rs6945832	-	7	140209941	0.98	0.32	8143307	HIPK2	7	139246317	139477693
-0.44	neg	3.92E-05	rs1558024	DLGAP2	8	1468337	0.95	0.38	8144281	ARHGEF10	8	1772149	1906806
-0.34	neg	2.08E-05	rs2702852	-	8	6813501	0.92	0.46	8149361	FAM90A7P	8	7421311	7440175
0.33	pos	9.12E-05	rs6601575	-	8	11097804	0.94	0.49	8149330	CTSB	8	11700036	11725646
-0.33	neg	4.53E-05	rs2572431	-	8	11105077	0.92	0.48	8149330	CTSB	8	11700036	11725646
-0.30	neg	3.63E-05	rs3808513	MTMR9	8	11157460	0.94	0.41	8149330	CTSB	8	11700036	11725646
-0.26	neg	1.09E-04	rs2164272	MTMR9	8	11162496	0.94	0.40	8149330	CTSB	8	11700036	11725646
-0.31	neg	5.64E-05	rs2060465	MTMR9	8	11162609	0.89	0.43	8149330	CTSB	8	11700036	11725646

-0.31	neg	3.75E-05	rs2164273	MTMR9	8	11168499	0.90	0.41	8149330	CTSB	8	11700036	11725646
-0.27	neg	8.24E-05	rs2293856	MTMR9	8	11177447	0.92	0.39	8149330	CTSB	8	11700036	11725646
-0.28	neg	6.18E-05	rs2256087	-	8	11496193	0.89	0.24	8149330	CTSB	8	11700036	11725646
1.23	pos	3.09E-05	rs4237075	GFRA2	8	21571469	0.95	0.15	8149699	PHYHIP	8	22077217	22089851
1.30	pos	7.50E-05	rs1552286	NUDT18	8	21964802	0.97	0.22	8149699	PHYHIP	8	22077217	22089851
0.36	pos	1.16E-05	rs4872428	PHYHIP	8	22086830	0.84	0.41	8149718	FLJ14107	8	22497884	22499722
0.26	pos	7.46E-05	rs4439140	CHMP7	8	23113908	0.87	0.37	8145272	R3HCC1	8	23145612	23153791
-0.73	neg	1.05E-04	rs17813387	-	8	24381422	0.87	0.33	8145418	CDCA2	8	25316513	25365425
-0.41	neg	6.74E-05	rs1365008	-	8	25609836	0.94	0.18	8145440	PPP2R2A	8	26149007	26230193
0.44	pos	1.09E-04	rs6991347	EBF2	8	25756681	0.89	0.45	8145440	PPP2R2A	8	26149007	26230193
0.48	pos	6.98E-05	rs10503788	-	8	26555146	0.95	0.13	8149907	TRIM35	8	27142404	27168834
0.42	pos	4.09E-05	rs7002486	-	8	29541902	0.92	0.46	8145660	DCTN6	8	30013813	30041059
0.30	pos	6.60E-05	rs516606	ANK1	8	41595613	0.92	0.37	8146142	AGPAT6	8	41435707	41482520
1.57	pos	8.27E-05	rs28420596	RPS20	8	56986110	1.00	0.07	8150889	SDR16C5	8	57212570	57233241
1.57	pos	8.27E-05	rs735827	-	8	56995320	1.00	0.08	8150889	SDR16C5	8	57212570	57233241
1.55	pos	1.12E-04	rs4641033	-	8	56995675	0.98	0.10	8150889	SDR16C5	8	57212570	57233241
-0.78	neg	5.33E-05	rs1485302	-	8	119976144	0.97	0.48	8152582	DSCC1	8	120846182	120868170
-0.78	neg	5.33E-05	rs1485303	-	8	119976256	0.98	0.48	8152582	DSCC1	8	120846182	120868170
0.45	pos	1.06E-04	rs16904971	-	8	134657960	0.98	0.08	8148358	PHF20L1	8	133787604	133825437
0.17	pos	9.92E-05	rs10102728	DENND3	8	142205964	0.98	0.48	8148467	CHRA1	8	141521401	141527252
0.17	pos	7.38E-05	rs10963717	-	9	1876496	0.90	0.35	8154047	DMRT2	9	1050346	1057553

0.76	pos	9.00E-05	rs10491713	-	9	2506236	0.90	0.16	8159854	KIAA0020	9	2804155	2844130
0.66	pos	9.37E-05	rs3931525	-	9	4380096	0.94	0.07	8159981	RLN1	9	5334969	5339873
1.37	pos	9.76E-05	rs9406730	SH3GL2	9	17790526	0.98	0.06	8154449	CNTLN	9	17135038	17302048
0.66	pos	3.29E-06	rs1822234	-	9	32827302	0.94	0.16	8160663	AQP7	9	33384949	33402517
-0.19	neg	9.23E-05	rs10429551	LOC100128556	9	34893216	0.89	0.42	8154856	UBE2R2	9	33817182	33920399
-0.41	neg	4.24E-05	rs12353518	-	9	74208282	0.89	0.45	8161701	TMEM2	9	74298282	74383800
1.23	pos	2.08E-06	rs4877394	-	9	90703042	0.94	0.07	8156247	C9orf79	9	90497772	90503812
0.38	pos	1.08E-04	rs10867129	-	9	91505329	0.89	0.36	8156263	SPIN1	9	91003297	91093620
-0.41	neg	7.73E-06	rs1156619	-	9	91530173	0.92	0.45	8156263	SPIN1	9	91003297	91093620
0.44	pos	1.53E-05	rs6559311	-	9	91535231	0.90	0.46	8156263	SPIN1	9	91003297	91093620
0.37	pos	6.82E-05	rs10819907	-	9	98898288	0.95	0.24	8162586	SLC35D2	9	99082989	99145992
0.65	pos	8.54E-05	rs12552172	STRBP	9	125996867	0.98	0.08	8157650	PTGS1	9	125133229	125157981
0.22	pos	1.07E-04	rs17446804	RALGPS1	9	129810746	0.87	0.47	8164217	FAM129B	9	130267619	130341268
1.14	pos	5.51E-05	rs4837223	-	9	130776407	0.92	0.18	8158431	PHYHD1	9	131683174	131704320
0.70	pos	9.50E-05	rs10819341	-	9	130808444	0.95	0.19	8158431	PHYHD1	9	131683174	131704320
0.25	pos	9.42E-05	rs2479030	-	9	131982125	0.94	0.36	8158269	ODF2	9	131218432	131263238
0.95	pos	1.34E-05	rs3001719	-	10	10409365	0.97	0.28	7926127	CELF2	10	11047259	11378670
0.88	pos	7.06E-05	rs2842139	-	10	10416946	0.95	0.29	7926127	CELF2	10	11047259	11378670
-0.30	neg	1.03E-04	rs1227756	COL13A1	10	71588504	1.00	0.50	7928107	H2AFY2	10	71812357	71872039
-0.48	neg	8.04E-05	rs10748630	SORBS1	10	97095793	0.98	0.41	7929511	ENTPD1	10	97471536	97637022
-2.50	neg	1.52E-06	rs17102882	TACC2	10	123790901	1.00	0.07	7931062	BTBD16	10	124030821	124097676

0.43	pos	2.30E-05	rs1055256	METTL10	10	126446592	0.97	0.35	7936856	CHST15	10	125767186	125806241
0.40	pos	5.73E-05	rs10901818	METTL10	10	126449428	0.98	0.36	7936856	CHST15	10	125767186	125806241
0.39	pos	2.86E-05	rs7898003	METTL10	10	126451385	0.92	0.35	7936856	CHST15	10	125767186	125806241
0.40	pos	1.02E-04	rs11245357	METTL10	10	126452042	0.97	0.35	7936856	CHST15	10	125767186	125806241
0.41	pos	2.72E-05	rs7099316	METTL10	10	126469005	1.00	0.36	7936856	CHST15	10	125767186	125806241
0.19	pos	3.09E-05	rs325639	-	11	6149225	0.92	0.40	7938111	FXC1	11	6502677	6505910
0.18	pos	5.57E-05	rs325637	-	11	6150738	0.92	0.38	7938111	FXC1	11	6502677	6505910
-0.36	neg	1.32E-05	rs11042964	EIF4G2	11	10827418	0.97	0.45	7938422	CTR9	11	10772811	10801291
-0.37	neg	2.04E-05	rs10743151	EIF4G2	11	10828361	0.95	0.47	7938422	CTR9	11	10772811	10801291
-0.36	neg	2.85E-05	rs4910198	-	11	10849558	0.90	0.48	7938422	CTR9	11	10772811	10801291
-0.35	neg	1.86E-05	rs771374	-	11	10865739	0.94	0.44	7938422	CTR9	11	10772811	10801291
-0.32	neg	1.00E-04	rs11042983	-	11	10877684	0.97	0.34	7938422	CTR9	11	10772811	10801291
-0.21	neg	8.99E-05	rs685320	IGHMBP2	11	68692141	0.98	0.39	7942073	IGHMBP2	11	68671319	68708069
0.18	pos	4.79E-05	rs3019251	-	11	77197185	1.00	0.38	7950669	KCTD21	11	77882301	77899664
0.13	pos	1.04E-04	rs681717	-	11	77796717	0.97	0.35	7950644	NDUFC2	11	77779400	77791265
0.13	pos	7.38E-05	rs230663	KCTD21	11	77883126	0.97	0.33	7950644	NDUFC2	11	77779400	77791265
-1.22	neg	3.44E-05	rs10501530	-	11	81624240	0.97	0.24	7942832	C11orf82	11	82612737	82645697
-0.16	neg	2.78E-05	rs11824931	-	11	107134501	0.94	0.22	7943577	RAB39A	11	107799277	107834206
-0.16	neg	3.49E-05	rs12363600	CWF19L2	11	107197869	0.94	0.23	7943577	RAB39A	11	107799277	107834206
-0.16	neg	3.50E-05	rs1263297	CWF19L2	11	107275442	0.94	0.24	7943577	RAB39A	11	107799277	107834206
-0.16	neg	1.36E-05	rs659040	CWF19L2	11	107299631	0.98	0.24	7943577	RAB39A	11	107799277	107834206

-0.16	neg	3.50E-05	rs554506	CWF19L2	11	107308737	0.94	0.24	7943577	RAB39A	11	107799277	107834206
-0.16	neg	3.40E-05	rs652429	CWF19L2	11	107314877	0.94	0.24	7943577	RAB39A	11	107799277	107834206
-0.14	neg	4.11E-05	rs618078	-	11	107326340	0.94	0.27	7943577	RAB39A	11	107799277	107834206
0.31	pos	1.09E-04	rs10891639	-	11	114133634	0.97	0.19	7951781	C11orf71	11	114262170	114271139
0.32	pos	8.96E-05	rs6589418	-	11	114140899	0.95	0.24	7951781	C11orf71	11	114262170	114271139
0.32	pos	7.77E-05	rs2156782	-	11	114154922	0.97	0.24	7951781	C11orf71	11	114262170	114271139
0.90	pos	6.03E-05	rs3019643	-	11	134503242	0.95	0.29	7945321	GLB1L2	11	134201768	134246217
-0.95	neg	1.89E-05	rs4765710	-	12	3180213	0.97	0.48	7960340	FOXM1	12	2966850	2986303
0.37	pos	9.40E-05	rs10774120	TSPAN9	12	3224986	0.97	0.42	7953135	TULP3	12	3000033	3050306
-0.91	neg	1.07E-04	rs12099542	VWF	12	6103998	1.00	0.05	7953409	PTMS	12	6875541	6880116
-0.34	neg	1.90E-05	rs4763781	BCL2L14	12	12254476	0.98	0.43	7961365	MANSC1	12	12482218	12503169
-0.34	neg	2.86E-05	rs4763782	BCL2L14	12	12254756	0.97	0.45	7961365	MANSC1	12	12482218	12503169
0.59	pos	8.55E-05	rs3741798	MANSC1	12	12496086	1.00	0.09	7961399	GSG1	12	13237043	13256619
-0.48	neg	6.88E-05	rs1259743	-	12	32039681	1.00	0.14	7954655	DDX11	12	31226779	31257725
0.37	pos	1.03E-04	rs10844075	C12orf35	12	32121276	0.97	0.47	7954655	DDX11	12	31226779	31257725
1.11	pos	3.57E-05	rs7294982	-	12	46004161	0.98	0.14	7962455	NELL2	12	44902058	45307711
1.11	pos	3.57E-05	rs2712599	-	12	46013816	0.98	0.13	7962455	NELL2	12	44902058	45307711
0.24	pos	6.30E-05	rs1150057	KCNH3	12	49937813	1.00	0.16	7963121	NCKAP5L	12	50184929	50222208
0.20	pos	2.22E-05	rs1707790	LOC100129218	12	52896275	0.95	0.23	7963555	KRT78	12	53232746	53242778
0.20	pos	6.66E-06	rs830381	LOC100129218	12	52899240	1.00	0.25	7963555	KRT78	12	53232746	53242778
0.20	pos	6.66E-06	rs639790	KRT5	12	52908254	1.00	0.24	7963555	KRT78	12	53232746	53242778

0.19	pos	7.19E-05	rs638907	KRT5 - LOC100129218	12	52913517	0.98	0.22	7963555	KRT78	12	53232746	53242778
0.29	pos	8.64E-05	rs1800634	ATP5G2	12	54063493	1.00	0.29	7955810	PRR13	12	53835433	53840426
-0.17	neg	2.95E-05	rs7310681	-	12	54534134	0.98	0.41	7955787	SP1	12	53773979	53810224
1.12	pos	2.88E-05	rs997173	KIAA0748	12	55355033	1.00	0.08	7955943	PDE1B	12	54943177	54973023
1.99	pos	3.73E-05	rs9325187	MDM1	12	68723680	1.00	0.07	7964834	CPM	12	69244958	69357020
0.25	pos	1.07E-04	rs17356504	-	12	96017523	0.97	0.34	7957613	VEZT	12	95611522	95696566
-0.77	neg	6.81E-05	rs10745895	-	12	101181565	1.00	0.48	7957850	GAS2L3	12	100967489	101018683
1.54	pos	5.93E-05	rs17031187	-	12	101640894	0.98	0.20	7958019	DRAM1	12	102271105	102317399
0.31	pos	5.48E-05	rs7301863	STAB2	12	104135884	1.00	0.40	7958202	CHST11	12	104850692	105155783
0.53	pos	1.86E-05	rs1995357	KSR2	12	117945315	0.97	0.36	7959025	RNFT2	12	117176096	117291434
1.06	pos	5.15E-05	rs2936830	CIT	12	120167155	0.89	0.41	7966878	CIT	12	120123598	120315092
0.38	pos	5.23E-05	rs2936830	CIT	12	120167155	0.89	0.41	7966938	GCN1L1	12	120565016	120632513
0.37	pos	6.49E-05	rs2952444	CIT	12	120175791	0.98	0.47	7966938	GCN1L1	12	120565016	120632513
-0.26	neg	2.37E-05	rs11057642	NCOR2	12	124989560	1.00	0.27	7967493	NCOR2	12	124808962	125052010
0.24	pos	1.50E-05	rs885389	GPR133	12	131621762	0.97	0.33	7959850	FZD10	12	130647032	130650284
-0.12	neg	6.69E-05	rs9511451	RNF17	13	25378476	1.00	0.29	7968128	PABPC3	13	25670276	25672702
0.46	pos	1.06E-05	rs2321164	-	13	33887226	0.95	0.48	7970892	N4BP2L1	13	32974861	33002315
1.36	pos	1.12E-04	rs1361840	NBEA	13	36134456	0.98	0.14	7968577	NBEA	13	35516424	36246872
-0.67	neg	2.37E-05	rs1324768	-	13	78796732	0.97	0.32	7969533	SLAIN1	13	78272470	78338377
-0.66	neg	4.10E-05	rs2038784	-	13	78797009	0.94	0.31	7969533	SLAIN1	13	78272470	78338377

-0.64	neg	5.46E-05	rs4628837	-	13	78805278	0.94	0.30	7969533	SLAIN1	13	78272470	78338377
-0.24	neg	1.28E-05	rs9585308	ZIC2	13	100637102	0.97	0.42	7969776	UBAC2	13	99852679	100038751
-0.16	neg	1.60E-05	rs10196	NDRG2	14	21485506	0.95	0.34	7973185	RPGRIP1	14	21756136	21819458
0.72	pos	5.45E-06	rs10151272	DHRS4L2	14	24464590	0.98	0.06	7978285	ADCY4	14	24787571	24803864
-0.39	neg	5.32E-05	rs1886460	SAMD4A	14	55104841	0.94	0.40	7974425	SAMD4A	14	55034637	55260033
0.42	pos	5.10E-05	rs17096088	DAAM1	14	59792207	0.98	0.12	7979455	RTN1	14	60062694	60337557
-0.36	neg	3.05E-05	rs10137188	-	14	61170400	0.97	0.33	7974851	HIF1A	14	62162119	62214977
-0.36	neg	4.21E-05	rs4151178	MNAT1	14	61241247	0.95	0.33	7974851	HIF1A	14	62162119	62214977
-0.38	neg	7.94E-06	rs1952403	SLC38A6	14	61483298	0.92	0.32	7974851	HIF1A	14	62162119	62214977
-0.37	neg	1.32E-05	rs8003419	SLC38A6	14	61507623	0.97	0.33	7974851	HIF1A	14	62162119	62214977
-0.37	neg	2.00E-05	rs719511	SLC38A6	14	61516488	0.95	0.33	7974851	HIF1A	14	62162119	62214977
-0.38	neg	4.93E-06	rs4899027	-	14	61548039	0.97	0.34	7974851	HIF1A	14	62162119	62214977
-0.34	neg	5.74E-05	rs4520750	-	14	61552301	0.95	0.34	7974851	HIF1A	14	62162119	62214977
-0.37	neg	2.64E-05	rs4902026	-	14	61557433	0.95	0.33	7974851	HIF1A	14	62162119	62214977
-0.38	neg	1.20E-05	rs12888549	-	14	61565793	0.94	0.33	7974851	HIF1A	14	62162119	62214977
-0.37	neg	2.64E-05	rs7151940	-	14	61588345	0.95	0.34	7974851	HIF1A	14	62162119	62214977
-0.19	neg	6.31E-05	rs28766386	-	14	64946397	0.95	0.30	7979551	PPP2R5E	14	63841355	64010079
0.48	pos	1.12E-04	rs7180805	-	15	36708292	0.95	0.37	7987385	MEIS2	15	37183233	37393500
1.66	pos	8.19E-05	rs16970049	EIF2AK4	15	40251595	1.00	0.07	7987565	PPP1R14D	15	41107645	41120907
-0.84	neg	1.46E-05	rs7182515	TTBK2	15	43112053	0.97	0.07	7988163	CATSPER2	15	43931636	43941039
-0.82	neg	3.37E-05	rs9920910	TTBK2	15	43124018	0.98	0.07	7988163	CATSPER2	15	43931636	43941039



-0.64	neg	1.10E-04	rs3850777	FRMD5	15	44193675	1.00	0.11	7988163	CATSPER2	15	43931636	43941039
0.34	pos	8.66E-05	rs8029112	PTPN9	15	75808972	0.98	0.32	7990457	MAN2C1	15	75648135	75660941
0.24	pos	2.63E-05	rs12901411	LOC730126	15	80687695	0.98	0.31	7985364	IL16	15	81489219	81605103
0.65	pos	2.63E-05	rs11852706	-	15	82370791	1.00	0.05	7985398	FAM154B	15	82555152	82577265
0.81	pos	6.19E-10	rs9972386	EFTUD1	15	82454283	1.00	0.05	7985398	FAM154B	15	82555152	82577265
0.11	pos	9.97E-05	rs4561444	-	15	90647856	1.00	0.48	7991313	PLIN1	15	90207600	90222648
1.39	pos	9.14E-06	rs6497336	SYT17	16	19242312	0.98	0.22	7993638	TMC5	16	19422057	19510432
0.11	pos	1.03E-05	rs7184217	CACNG3	16	24353071	1.00	0.49	8000310	EARS2	16	23533335	23568696
1.42	pos	1.60E-05	rs4787673	-	16	25053111	1.00	0.20	7994131	PRKCB	16	23847300	24231930
1.50	pos	1.07E-05	rs7499940	-	16	25059762	1.00	0.18	7994131	PRKCB	16	23847300	24231930
0.14	pos	4.78E-05	rs2288742	-	16	25117706	0.98	0.42	7994216	SLC5A11	16	24857552	24922943
0.23	pos	1.80E-05	rs170365	POLR2C	16	57503360	1.00	0.09	7995907	CETP	16	56995835	57017756
0.45	pos	1.02E-04	rs7189084	-	16	74877956	0.98	0.37	8002778	MLKL	16	74705753	74734789
0.45	pos	1.02E-04	rs12445106	-	16	74880520	0.98	0.36	8002778	MLKL	16	74705753	74734789
0.75	pos	4.09E-05	rs747486	ANKRD11	16	89474393	0.97	0.09	7997942	CPNE7	16	89642176	89663653
-0.16	neg	1.37E-05	rs9893575	-	17	2590598	0.94	0.43	8011324	OR1G1	17	3029904	3030845
-0.36	neg	9.38E-05	rs11656323	GABARAP	17	7145117	0.97	0.07	8012274	LSMD1	17	7760005	7761172
0.56	pos	4.01E-05	rs4791889	-	17	7783125	0.98	0.08	8012013	CLEC10A	17	6977857	6983600
-0.30	neg	7.61E-05	rs11651505	SEZ6	17	27322231	1.00	0.15	8013908	NUFIP2	17	27582855	27621166
-0.40	neg	5.12E-05	rs216457	-	17	28892843	0.98	0.16	8014037	CRLF3	17	29109703	29151778
-0.37	neg	4.19E-05	rs170052	LOC645435	17	28903418	1.00	0.15	8014037	CRLF3	17	29109703	29151778

-0.36	neg	7.31E-05	rs216443	-	17	28931871	0.98	0.17	8014037	CRLF3	17	29109703	29151778
-0.37	neg	6.79E-05	rs216445	-	17	28933576	0.98	0.16	8014037	CRLF3	17	29109703	29151778
-0.36	neg	7.31E-05	rs8082537	-	17	29015932	0.97	0.16	8014037	CRLF3	17	29109703	29151778
-0.36	neg	7.31E-05	rs9893922	-	17	29068425	0.98	0.17	8014037	CRLF3	17	29109703	29151778
-0.36	neg	7.31E-05	rs7503542	-	17	29073830	0.95	0.15	8014037	CRLF3	17	29109703	29151778
-0.37	neg	4.19E-05	rs1061346	CRLF3	17	29114229	0.98	0.16	8014037	CRLF3	17	29109703	29151778
-0.37	neg	4.19E-05	rs1061342	CRLF3	17	29114463	1.00	0.16	8014037	CRLF3	17	29109703	29151778
-0.36	neg	7.31E-05	rs9915139	ATAD5	17	29158515	0.98	0.16	8014037	CRLF3	17	29109703	29151778
-0.28	neg	1.58E-05	rs9909944	RAB11FIP4	17	29829622	1.00	0.46	8014037	CRLF3	17	29109703	29151778
0.88	pos	6.55E-05	rs28513436	-	17	41629649	0.98	0.10	8015868	MPP2	17	41952727	41985113
-0.11	neg	5.54E-05	rs3760360	-	17	41988992	0.98	0.46	8007637	FZD2	17	42634925	42636907
-0.11	neg	2.38E-05	rs1631484	-	17	41990862	0.98	0.47	8007637	FZD2	17	42634925	42636907
-0.11	neg	8.42E-05	rs1662745	-	17	41992951	0.98	0.38	8007637	FZD2	17	42634925	42636907
0.24	pos	8.36E-05	rs878829	FAM117A	17	47826367	1.00	0.10	8016725	ANKRD40	17	48770552	48785270
-0.45	neg	8.97E-06	rs4794195	-	17	49027116	0.94	0.29	8180387	NME2	17	49242891	49249104
-0.46	neg	5.83E-06	rs12938048	-	17	49029224	0.98	0.29	8180387	NME2	17	49242891	49249104
-0.16	neg	1.05E-04	rs8079649	MSI2	17	55634883	0.98	0.50	8016982	SUPT4H1	17	56422539	56429563
-0.45	neg	4.41E-05	rs11657722	-	17	66661438	0.98	0.35	8009353	PITPNC1	17	65373924	65689645
-0.16	neg	9.12E-05	rs9906971	WBP2	17	73848477	0.97	0.34	8010036	ZACN	17	74075263	74078885
-0.16	neg	1.09E-04	rs11870142	-	17	73859002	0.98	0.34	8010036	ZACN	17	74075263	74078885
-0.18	neg	1.09E-06	rs9895947	FBF1	17	73908566	0.98	0.44	8010036	ZACN	17	74075263	74078885

-0.19	neg	2.13E-06	rs2305913	FBF1	17	73922941	0.97	0.43	8010036	ZACN	17	74075263	74078885
0.51	pos	8.31E-05	rs8068528	BAIAP2	17	79009061	0.97	0.08	8019108	AZI1	17	79163393	79196751
0.52	pos	6.64E-05	rs8069327	BAIAP2	17	79024915	1.00	0.10	8019108	AZI1	17	79163393	79196751
1.54	pos	5.37E-05	rs948271	-	18	13803024	1.00	0.09	8020343	ANKRD20A5P	18	14179096	14249455
-3.16	neg	5.67E-05	rs1893523	KIAA1632	18	43481075	0.97	0.13	8021081	SLC14A1	18	43304092	43332484
-3.16	neg	5.67E-05	rs3744996	KIAA1632	18	43490602	0.97	0.14	8021081	SLC14A1	18	43304092	43332484
0.38	pos	4.03E-05	rs8083219	-	18	56672066	0.90	0.49	8021418	MALT1	18	56338618	56417370
0.50	pos	9.11E-06	rs12454712	BCL2	18	60845884	0.98	0.37	8021653	SERPINB8	18	61637263	61653886
1.84	pos	7.29E-05	rs971824	-	18	61712857	1.00	0.26	8023688	SERPINB4	18	61304495	61311502
1.84	pos	7.29E-05	rs12326601	-	18	61770716	1.00	0.28	8023688	SERPINB4	18	61304495	61311502
2.23	pos	1.02E-04	rs10083907	-	18	62164404	0.97	0.07	8021614	SERPINB11	18	61370194	61391120
2.23	pos	6.93E-05	rs8092484	-	18	62191825	0.98	0.08	8021614	SERPINB11	18	61370194	61391120
0.30	pos	3.25E-05	rs9948543	NFATC1	18	77286303	0.97	0.37	8021832	ATP9B	18	76829397	77138280
0.24	pos	3.72E-05	rs1465245	GNA15	19	3136845	1.00	0.42	8024537	TLE6	19	2977536	2995182
0.24	pos	3.72E-05	rs399204	GNA15	19	3136962	0.98	0.42	8024537	TLE6	19	2977536	2995182
0.41	pos	8.46E-06	rs1614080	GNA15	19	3158498	1.00	0.26	8024485	GADD45B	19	2476123	2478257
0.26	pos	1.09E-04	rs6510960	INSR	19	7203732	1.00	0.09	8025328	EVI5L	19	7895161	7929861
0.21	pos	6.03E-05	rs7250783	CACNA1A	19	13376536	1.00	0.23	8034700	C19orf57	19	13993168	14016909
0.23	pos	8.37E-05	rs2305800	CYP4F11	19	16045294	1.00	0.29	8035193	C19orf42	19	16756967	16770968
0.24	pos	7.90E-05	rs4442930	-	19	16051902	0.98	0.30	8035193	C19orf42	19	16756967	16770968
0.38	pos	1.87E-05	rs7248783	UNC13A	19	17778832	1.00	0.11	8026587	NWD1	19	16830787	16928773

0.19	pos	1.09E-04	rs7250423	JAK3	19	17958617	1.00	0.13	8035254	USHBP1	19	17360849	17375544
-0.93	neg	3.90E-05	rs7247623	-	19	21392852	0.98	0.43	8035793	ZNF737	19	20720799	20748626
-0.93	neg	3.57E-05	rs11085438	-	19	21427377	1.00	0.45	8035793	ZNF737	19	20720799	20748626
-0.93	neg	4.48E-05	rs2061915	-	19	21459033	0.98	0.43	8035793	ZNF737	19	20720799	20748626
-0.43	neg	5.09E-05	rs8107999	ZNF493	19	21586236	0.97	0.42	8180200	ZNF493	19	21579921	21591599
-0.43	neg	4.66E-05	rs2968084	-	19	21615899	1.00	0.42	8180200	ZNF493	19	21579921	21591599
0.16	pos	6.13E-05	rs650262	MYH14	19	50751361	1.00	0.22	8030768	KLK2	19	51376689	51383822
-0.23	neg	1.10E-04	rs273659	-	19	51677132	1.00	0.07	8030736	ACPT	19	51293672	51298481
0.99	pos	4.41E-05	rs6082812	-	20	286838	1.00	0.22	8064415	TMEM74B	20	1161215	1165117
-0.29	neg	3.89E-05	rs2284374	PSMF1	20	1110772	0.97	0.17	8060370	FAM110A	20	814356	826922
0.20	pos	6.13E-06	rs4813157	-	20	1499127	0.98	0.13	8064464	SIRPD	20	1514899	1538343
-0.47	neg	7.20E-05	rs4810945	-	20	36245795	0.95	0.45	8066074	DSN1	20	35380195	35402230
-0.48	neg	3.35E-05	rs6125623	-	20	36246413	0.98	0.44	8066074	DSN1	20	35380195	35402230
-0.64	neg	7.63E-05	rs6125623	-	20	36246413	0.98	0.44	8066136	RBL1	20	35631977	35724410
-0.50	neg	9.52E-06	rs6067104	-	20	36261921	0.97	0.49	8066074	DSN1	20	35380195	35402230
-0.65	neg	3.17E-05	rs6067104	-	20	36261921	0.97	0.49	8066136	RBL1	20	35631977	35724410
0.26	pos	6.02E-05	rs2232571	LBP	20	36974084	0.98	0.08	8062527	ADIG	20	37209838	37217104
0.47	pos	9.67E-05	rs1040771	-	20	49610797	0.98	0.50	8067040	NFATC2	20	50007766	50179168
0.53	pos	2.86E-05	rs11904901	-	20	49611586	0.97	0.45	8067040	NFATC2	20	50007766	50179168
-0.50	neg	2.10E-05	rs6020911	KCNG1	20	49629479	0.98	0.46	8067040	NFATC2	20	50007766	50179168
0.49	pos	6.10E-05	rs6091248	KCNG1	20	49630618	0.94	0.49	8067040	NFATC2	20	50007766	50179168

0.49	pos	4.74E-05	rs6096226	KCNG1 - LOC100128598	20	49633152	0.97	0.49	8067040	NFATC2	20	50007766	50179168
-1.27	neg	2.00E-05	rs747062	NFATC2	20	50102132	0.98	0.20	8067029	KCNG1	20	49620194	49639675
-1.25	neg	2.17E-05	rs747063	NFATC2	20	50102203	0.98	0.21	8067029	KCNG1	20	49620194	49639675
0.73	pos	1.02E-04	rs6128355	APCDD1L	20	57074460	0.97	0.45	8067233	PMEPA1	20	56223454	56286541
1.38	pos	8.40E-05	rs2150129	CDH4	20	60294864	1.00	0.08	8063923	SLCO4A1	20	61273797	61303647
0.21	pos	1.08E-04	rs11907248	DIDO1	20	61542863	1.00	0.07	8063914	C20orf166	20	61147660	61167970
0.54	pos	3.97E-05	rs11907248	DIDO1	20	61542863	1.00	0.07	8063949	C20orf20	20	61427805	61431943
-0.28	neg	4.58E-05	rs958828	-	21	33691754	1.00	0.28	8068200	C21orf119	21	33765442	33766264
-0.40	neg	6.44E-05	rs2833773	-	21	33710324	1.00	0.18	8068200	C21orf119	21	33765442	33766264
-0.43	neg	8.21E-05	rs2070378	-	21	33719695	0.97	0.18	8068200	C21orf119	21	33765442	33766264
-0.40	neg	6.44E-05	rs2833786	-	21	33729530	1.00	0.20	8068200	C21orf119	21	33765442	33766264
0.28	pos	7.11E-06	rs2835726	DYRK1A	21	38791581	0.98	0.47	8070297	ERG	21	39751952	40033704
-0.24	neg	7.85E-05	rs2023637	-	22	19286470	0.97	0.43	8074399	CLTCL1	22	19166989	19279239
-0.40	neg	6.23E-05	rs5993817	-	22	19724055	0.98	0.17	8071289	COMT	22	19929263	19957496
-0.35	neg	4.77E-05	rs887765	RTN4R	22	20234817	1.00	0.32	8074498	TXNRD2	22	19863040	19929359
-0.17	neg	8.48E-05	rs887765	RTN4R	22	20234817	1.00	0.32	8071339	ZDHHC8	22	20119364	20135529
0.15	pos	1.11E-04	rs5768248	-	22	48389259	0.98	0.36	8076819	FLJ46257	22	48016792	48027318
0.60	pos	5.65E-05	rs10482542	-	x	37164009	1.00	0.10	8166723	XK	x	37545133	37591382
0.61	pos	9.70E-07	rs12557315	-	x	38165150	1.00	0.18	8166723	XK	x	37545133	37591382
-0.83	neg	5.40E-05	rs2498488	ZNF41	x	47196642	1.00	0.17	8172280	SLC9A7	x	46466373	46618472

-0.19	neg	9.36E-05	rs2235182	CFP	x	47368869	1.00	0.26	8167125	USP11	x	47092314	47107726
-0.19	neg	9.36E-05	rs8177079	-	x	47370189	1.00	0.25	8167125	USP11	x	47092314	47107726
-0.41	neg	7.74E-06	rs12387850	-	x	70941205	0.84	0.16	8173430	SNX12	x	70280788	70288231
-0.36	neg	4.73E-05	rs5938953	-	x	72446259	0.87	0.05	8173513	RPS4X	x	71492454	71497141
-0.50	neg	9.40E-05	rs5938953	-	x	72446259	0.87	0.05	8173531	HDAC8	x	71787433	71792953
0.76	pos	1.54E-06	rs5958290	-	x	122685435	1.00	0.12	8174937	ODZ1	x	123509757	124097666
0.72	pos	3.10E-05	rs5945320	-	x	152335799	1.00	0.11	8175763	PNMA5	x	152157369	152162671