

PC1

SNP	CHR	BP	p_plink	beta_plink	p_emmax	Annotation
rs6910580	6	110243292	4.99E-06	0.097	0.0000135	.
rs528808	6	100104289	0.000006	0.1179	0.0000153	.
rs9329289	10	2542389	6.02E-06	0.09988	3.45E-06	.
rs55655041	19	30995200	7.37E-06	-0.1336	0.0000122	ZNF536(0)
rs7816613	8	102729475	7.97E-06	0.1378	0.0000261	NCALD(0)
rs10108888	8	102731364	0.000008	0.138	0.000026	NCALD(0)
rs7786410	7	55922323	0.0000082	-0.1548	0.0000169	sep/14(0)
6:121088770	6	121088770	8.21E-06	0.3022	0.0000534	.
rs551185	6	100106323	0.0000085	0.1153	0.0000253	.
rs1460237	8	105841855	8.76E-06	-0.452	0.0000198	.
rs9329290	10	2542751	9.65E-06	0.0983	5.41E-06	.
rs11670915	19	30985367	0.0000099	-0.1269	0.0000135	ZNF536(0)
rs11214592	11	113250473	0.0000106	0.1718	0.0000216	TTC12(+13.36kb) ANKK1(-8.039kb)
rs12461746	19	30997420	0.0000113	-0.13	0.0000154	ZNF536(0)
rs7338593	13	99996854	0.0000114	-0.1263	0.0000144	UBAC2(0)
19:30996923	19	30996923	0.0000114	-0.1297	0.0000163	ZNF536(0)
rs11801973	1	33902238	0.0000116	-0.1789	0.0000132	.
rs330839	6	100054245	0.0000123	0.1146	0.0000267	PRDM13(-0.404kb)
15:27325743	15	27325743	0.0000127	0.1165	0.000011	.
rs28429768	8	102742393	0.000013	0.1338	0.0000463	NCALD(0)
19:31015585	19	31015585	0.0000146	-0.1281	0.0000197	ZNF536(0)
rs2458698	10	2548452	0.0000148	0.1031	6.65E-06	.
rs11671292	19	31009903	0.0000148	-0.1286	0.00002	ZNF536(0)
rs2789038	6	121176072	0.0000158	0.1984	0.0000376	.
rs59263523	15	27313497	0.0000159	0.1168	0.0000138	.
rs56992933	15	27313600	0.0000159	0.1168	0.0000138	.
rs56256009	19	31002182	0.0000159	-0.1281	0.0000228	ZNF536(0)
19:31017099	19	31017099	0.0000162	-0.1271	0.0000148	ZNF536(0)
19:31017177	19	31017177	0.0000162	-0.1271	0.0000148	ZNF536(0)
rs11084553	19	31019780	0.0000162	-0.1271	0.0000148	ZNF536(0)
rs11084554	19	31019807	0.0000162	-0.1271	0.0000148	ZNF536(0)
rs6947114	7	55921028	0.0000162	-0.1474	0.0000312	sep/14(0)
rs6900672	6	110239704	0.000017	0.09035	0.0000367	.
rs56123858	19	31002162	0.0000171	-0.1277	0.0000244	ZNF536(0)
rs649966	6	100092792	0.0000173	0.1116	0.0000421	.
rs11671098	19	31010075	0.0000175	-0.1271	0.0000237	ZNF536(0)
rs11668658	19	31011285	0.0000175	-0.1271	0.0000237	ZNF536(0)
rs2646850	1	217583937	0.0000176	0.08973	0.0000107	GPATCH2(-19.9kb)
rs11669185	19	31016277	0.0000177	-0.1265	0.0000161	ZNF536(0)
rs643235	6	100079031	0.0000177	0.1112	0.000045	PRDM13(+15.58kb)
rs656608	6	100086261	0.0000178	0.1116	0.0000425	.
19:31002493	19	31002493	0.0000182	-0.127	0.0000251	ZNF536(0)
rs499540	6	100078332	0.0000182	0.111	0.0000403	PRDM13(+14.88kb)
rs155041	5	95969322	0.0000183	0.08868	0.0000474	.

11:113261317	11	113261317	0.0000184	0.1654	0.0000295	DRD2(-19kb) ANKK1(0)
rs658666	6	100080204	0.0000184	0.1109	0.0000433	PRDM13(+16.75kb)
rs672369	6	100080944	0.0000184	0.1109	0.0000433	PRDM13(+17.49kb)
rs491397	6	100082085	0.0000184	0.1109	0.0000433	PRDM13(+18.63kb)
rs597009	6	100083583	0.0000184	0.1109	0.0000433	.
rs625011	6	100083808	0.0000184	0.1109	0.0000433	.
rs35440297	19	30993837	0.0000186	-0.1265	0.0000256	ZNF536(0)
rs11667431	19	30994610	0.0000186	-0.1265	0.0000256	ZNF536(0)
rs11668027	19	30994847	0.0000186	-0.1265	0.0000256	ZNF536(0)
rs1923890	13	47357995	0.0000188	-0.1253	0.0000179	ESD(0)
rs12462153	19	30997903	0.0000188	-0.1265	0.0000259	ZNF536(0)
rs9676942	19	31007859	0.0000188	-0.1265	0.0000259	ZNF536(0)
19:31009160	19	31009160	0.0000188	-0.1265	0.0000259	ZNF536(0)
19:31009462	19	31009462	0.0000188	-0.1265	0.0000259	ZNF536(0)
rs4939551	18	46139548	0.0000189	0.09008	0.000013	KIAA0427(0)
rs12459057	19	30996525	0.000019	-0.1264	0.0000261	ZNF536(0)
rs12460937	19	30999532	0.000019	-0.1264	0.0000261	ZNF536(0)
rs17313879	19	31000717	0.000019	-0.1264	0.0000261	ZNF536(0)
rs11669833	19	31005143	0.000019	-0.1264	0.0000261	ZNF536(0)
rs11665844	19	31005572	0.000019	-0.1264	0.0000261	ZNF536(0)
rs12462361	19	31006185	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31006335	19	31006335	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31007045	19	31007045	0.000019	-0.1264	0.0000261	ZNF536(0)
rs34650510	19	31007182	0.000019	-0.1264	0.0000261	ZNF536(0)
rs9676954	19	31008054	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31008464	19	31008464	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31009539	19	31009539	0.000019	-0.1264	0.0000261	ZNF536(0)
rs55735422	19	31010389	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31010807	19	31010807	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31011117	19	31011117	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31011155	19	31011155	0.000019	-0.1264	0.0000261	ZNF536(0)
rs11672726	19	31011669	0.000019	-0.1264	0.0000261	ZNF536(0)
rs17313907	19	31014394	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31014725	19	31014725	0.000019	-0.1264	0.0000261	ZNF536(0)
19:31014780	19	31014780	0.000019	-0.1264	0.0000261	ZNF536(0)
6:121140506	6	121140506	0.000019	0.2764	0.0001154	.
rs673245	1	217581496	0.0000191	0.09016	8.75E-06	.
rs11668366	19	30995175	0.0000191	-0.1267	0.0000271	ZNF536(0)
19:31009171	19	31009171	0.0000191	-0.1265	0.000025	ZNF536(0)
rs330842	6	100058932	0.0000191	0.111	0.0000431	PRDM13(0)
rs9400345	6	110242224	0.0000192	0.09017	0.0000431	.
1:171120354	1	171120354	0.0000194	0.3097	0.0000294	.
1:171120824	1	171120824	0.0000194	0.3097	0.0000294	.
rs61997161	1	171121206	0.0000194	0.3097	0.0000294	.
rs10816554	9	110441113	0.0000194	-0.1105	0.0000293	.
rs857615	6	100074908	0.0000195	0.1106	0.0000442	PRDM13(+11.45kb)
19:31012549	19	31012549	0.0000196	-0.1264	0.0000273	ZNF536(0)

rs6903283	6	110241653	0.0000197	0.08956	0.0000448	.
rs2458702	10	2544736	0.0000198	0.1025	0.0000105	.
rs9386862	6	110241934	0.0000199	0.08988	0.0000471	.
rs2452187	10	2551147	0.0000201	0.1022	0.0000105	.
rs508311	6	100085378	0.0000201	0.1108	0.0000496	.
rs534962	6	100086200	0.0000201	0.1108	0.0000496	.
rs550848	6	100088268	0.0000201	0.1108	0.0000496	.
19:30990705	19	30990705	0.0000203	-0.1243	0.0000335	ZNF536(0)
rs11666230	19	30993444	0.0000203	-0.1259	0.000028	ZNF536(0)
6:121159540	6	121159540	0.0000206	0.2169	0.0000796	.
19:31015847	19	31015847	0.0000207	-0.1257	0.0000196	ZNF536(0)
rs330837	6	100052699	0.0000209	0.1135	0.0000463	PRDM13(-1.95kb)
rs35554202	7	8469068	0.0000211	-0.1714	0.0000365	NXP1(-4.516kb)
rs6975250	7	8419821	0.0000214	-0.1682	0.0000508	.
rs10496911	2	142783437	0.0000216	0.222	0.0000144	LRP1B(0)
rs55700449	19	30982165	0.000022	-0.1222	0.0000275	ZNF536(0)
1:171126965	1	171126965	0.0000226	0.3097	0.0000318	.
1:171127306	1	171127306	0.0000239	0.314	0.0000314	.
rs59428939	15	27327707	0.0000239	0.1095	0.000019	.
rs693233	6	100093560	0.0000241	0.1094	0.0000672	.
rs532213	6	100095294	0.0000241	0.1094	0.0000672	.
rs623303	6	100091403	0.0000242	0.1098	0.0000611	.
rs7816488	8	102729403	0.0000243	0.1289	0.0000739	NCALD(0)
1:171122829	1	171122829	0.0000244	0.3084	0.0000344	.
1:171124294	1	171124294	0.0000244	0.3084	0.0000344	.
rs9595531	13	47350561	0.0000246	-0.1289	0.0000295	ESD(0)
rs12702725	7	8418980	0.0000246	-0.1666	0.0000551	.
rs10024768	4	41605108	0.0000254	-0.113	0.0000567	LIMCH1(0)
19:31001092	19	31001092	0.0000264	-0.1266	0.0000311	ZNF536(0)
rs1111961	2	134880830	0.0000264	-0.1037	0.0000337	.
rs13111484	4	184356574	0.0000267	0.08819	0.0000671	CDKN2AIP(-9.214kb)
rs10107483	8	102745291	0.0000269	0.1284	0.0000878	NCALD(0)
rs1976715	3	122864627	0.0000271	-0.08738	0.0000143	PDIA5(0)
7:8468828	7	8468828	0.0000271	-0.169	0.0000449	NXP1(-4.756kb)
rs34201834	7	8434538	0.0000274	-0.1607	0.0000504	.
rs650484	6	100099647	0.0000277	0.1086	0.0000766	.
rs543274	6	100099825	0.0000277	0.1086	0.0000766	.
rs662554	6	100100028	0.0000277	0.1086	0.0000766	.
rs506683	6	100101549	0.0000277	0.1086	0.0000766	.
rs506521	6	100101609	0.0000277	0.1086	0.0000766	.
rs484413	6	100101666	0.0000277	0.1086	0.0000766	.
rs499487	6	100104578	0.0000277	0.1086	0.0000766	.
rs551119	6	100106362	0.0000277	0.1086	0.0000766	.
rs11762666	7	8414784	0.0000277	-0.1652	0.0000627	.
rs2062421	2	134874719	0.0000282	-0.09473	0.0000323	.
rs1976716	3	124347126	0.0000286	-0.08695	0.000015	KALRN(0)
rs10903784	10	2541943	0.0000292	0.09268	0.0000196	.

rs10928479	2	134879492	0.0000292	-0.09572	0.0000322	.
rs12702724	7	8414614	0.0000295	-0.1747	0.0000705	.
rs7248805	19	31018491	0.0000296	-0.1058	0.0000126	ZNF536(0)
rs1102232	6	100102802	0.00003	0.1082	0.0000828	.
rs334586	5	31361909	0.0000306	0.126	0.0000328	.
rs2673345	3	122865136	0.000031	-0.08841	0.0000162	PDIA5(0)
rs6978852	7	55899001	0.000031	-0.1345	0.0000554	sep/14(0)
rs6958506	7	55899174	0.000031	-0.1345	0.0000554	sep/14(0)
rs7925747	11	74350783	0.0000313	-0.1127	0.00003	POLD3(0)
18:24939806	18	24939806	0.0000318	0.1428	0.0000355	.
18:24939956	18	24939956	0.0000318	0.1428	0.0000355	.
rs61835719	10	2543390	0.0000329	0.09307	0.0000178	.
rs28560062	8	102713240	0.0000329	0.1279	0.0001194	NCALD(0)
rs11251072	10	2183536	0.000033	0.08706	0.0000447	.
rs2236874	1	171170244	0.0000335	0.08831	0.0000216	FMO2(0)
rs7967622	12	54677980	0.0000345	-0.08785	0.0000517	NFE2(-7.915kb) HNRNPA1(0) CBX5(+)
rs8001518	13	31130894	0.0000347	-0.1433	0.000054	.
rs2049922	1	171202927	0.0000348	0.08823	0.0000197	FMO1(-14.73kb)
rs34810428	11	133384027	0.0000349	0.1198	0.0001512	OPCML(0)
19:30996908	19	30996908	0.0000355	-0.1264	0.000047	ZNF536(0)
rs60173602	9	110440082	0.0000365	-0.1076	0.0000518	.
rs857626	6	100101872	0.0000367	0.1067	0.0001072	.
19:31017686	19	31017686	0.0000374	-0.1242	0.0000365	ZNF536(0)
rs869374	9	110457258	0.0000374	-0.1153	0.0000674	.
18:24948433	18	24948433	0.0000378	0.1481	0.0000519	.
rs1924620	13	29183240	0.0000386	0.1077	0.0000737	.
rs4887525	15	27329338	0.0000389	0.09885	0.000033	.
rs10862759	12	84163594	0.0000398	0.312	0.0001222	.
rs2817917	6	121166530	0.0000399	0.1877	0.0002144	.
2:207070801	2	207070801	0.0000401	-0.1842	0.0000413	GPR1(0)
15:27319562	15	27319562	0.0000408	0.1108	0.0000271	.
rs10496378	2	104602478	0.000041	-0.1236	0.0000839	.
rs12702730	7	8432199	0.000041	-0.1575	0.0000763	.
rs10978995	9	110438418	0.000041	-0.1046	0.0000541	.
rs4521632	6	110238653	0.000042	0.08807	0.0000789	.
3:47357863	3	47357863	0.0000422	-0.3165	0.0000989	KLHL18(0)
2:104618328	2	104618328	0.0000423	-0.123	0.0000795	.
rs4504505	6	110234652	0.0000438	0.08578	0.0000848	.
rs676023	6	100107341	0.0000442	0.1069	0.0001114	.
rs11760740	7	8433101	0.0000443	-0.1567	0.0000833	.
rs10872058	6	110237910	0.0000451	0.08551	0.0000923	.
rs10872059	6	110238067	0.0000451	0.08551	0.0000923	.
rs13228740	7	8398558	0.0000454	-0.1616	0.0001114	.
rs6425394	1	171201909	0.0000467	0.08632	0.0000267	FMO1(-15.75kb)
9:71994043	9	71994043	0.0000467	-0.3955	0.0000748	C9orf61(0)
rs61493193	1	171196059	0.0000473	0.08628	0.0000269	FMO2(+14.24kb)
rs1355792	3	145697193	0.0000473	0.08586	0.0000402	.

15:27325680	15	27325680	0.0000477	0.1055	0.0000452	.
15:27325693	15	27325693	0.0000477	0.1055	0.0000452	.
rs4938010	11	113245566	0.0000479	0.1353	0.0000972	TTC12(+8.452kb) ANKK1(-12.95kb)
rs12702729	7	8426045	0.0000485	-0.1562	0.0000867	.
11:113305502	11	113305502	0.0000487	0.1724	0.0000439	DRD2(0)
rs6703439	1	171203396	0.000049	0.08612	0.0000277	FMO1(-14.27kb)
rs12069067	1	171204581	0.000049	0.08612	0.0000277	FMO1(-13.08kb)
rs7552325	1	181031934	0.0000491	0.1181	0.0001416	MR1(+7.301kb)
rs4504504	6	110234565	0.0000492	0.08503	0.0001013	.
rs7075801	10	113304785	0.0000493	0.303	0.0001085	.
rs676917	6	100107514	0.0000493	0.1064	0.0001237	.
8:102719916	8	102719916	0.0000498	0.1297	0.0001389	NCALD(0)
rs836870	3	122860397	0.0000502	-0.08428	0.0000265	PDIA5(0)
rs10794866	10	2182864	0.0000504	0.08401	0.0000699	.
rs10157270	1	171192584	0.0000505	0.08585	0.0000299	FMO2(+10.76kb)
rs11668301	19	31016196	0.0000505	-0.1209	0.0000448	ZNF536(0)
rs10794862	10	2178130	0.0000515	0.08414	0.000074	.
rs11760283	7	8461622	0.0000515	-0.1545	0.000102	NXPH1(-11.96kb)
rs28712705	11	113247738	0.0000516	0.1351	0.0000919	TTC12(+10.62kb) ANKK1(-10.77kb)
rs2673343	3	122866299	0.0000516	-0.08597	0.0000267	PDIA5(0)
9:83479761	9	83479761	0.0000516	-0.3601	0.0000526	.
rs60337902	8	71831458	0.0000517	0.1514	0.0000371	.
rs2075990	1	171177205	0.0000525	0.08508	0.0000299	FMO2(0)
rs6920527	6	110236507	0.000053	0.08456	0.0001109	.
rs6685849	1	33865068	0.0000533	-0.1624	0.0000632	.
9:83490532	9	83490532	0.0000533	-0.3595	0.0000544	.
9:83479988	9	83479988	0.0000536	-0.3593	0.0000545	.
9:83486228	9	83486228	0.0000536	-0.3593	0.0000545	.
rs4938011	11	113247232	0.0000544	0.1345	0.0001027	TTC12(+10.12kb) ANKK1(-11.28kb)
rs1427308	2	126429993	0.000055	-0.1011	0.0001101	.
rs722661	7	13911645	0.000055	-0.08512	0.000054	ETV1(-19.21kb)
rs4945848	6	110251805	0.0000556	0.08524	0.000082	.
rs2789037	6	121175507	0.0000556	0.1973	0.0001582	.
rs10185726	2	207073034	0.0000565	-0.1794	0.0000587	GPR1(0)
rs6435335	2	207075906	0.0000565	-0.1794	0.0000587	GPR1(0)
rs2052816	2	126424612	0.0000566	-0.101	0.0001083	.
rs3917740	1	169579266	0.0000569	0.1065	0.0000474	SELP(0)
rs2075419	19	30991651	0.0000569	-0.1076	0.0000944	ZNF536(0)
4:157359488	4	157359488	0.0000572	-0.0847	0.0001185	.
rs2223228	1	171163812	0.0000578	0.0864	0.0000324	FMO2(0)
rs11921441	3	145696166	0.0000578	-0.08768	0.0000794	.
rs10935597	3	145696564	0.0000578	-0.08768	0.0000794	.
rs9651763	11	74365739	0.0000581	-0.1117	0.0000499	POLD3(+11.97kb)
rs1914099	10	113308151	0.0000582	0.2579	0.0001333	.
rs1914098	10	113308152	0.0000582	0.2579	0.0001333	.
10:113308952	10	113308952	0.0000582	0.2579	0.0001333	.
rs6815418	4	54416496	0.0000588	-0.1007	0.0000471	LNK1(0)

rs3786800	19	30990700	0.0000589	-0.1048	0.0000714	ZNF536(0)
rs11758549	6	100184485	0.000059	0.1037	0.0001485	.
rs12617543	2	134866574	0.0000594	-0.0894	0.0000619	.
rs4916191	1	171218287	0.0000597	0.0855	0.0000335	FMO1(0)
rs1896264	2	126432373	0.0000597	-0.101	0.0001119	.
rs4620755	11	113309619	0.0000605	0.1357	0.0000743	DRD2(0)
rs1538615	14	51413424	0.0000609	0.0883	0.0000649	PYGL(+2.19kb)
rs8739	3	122864436	0.0000611	-0.08433	0.0000305	PDIA5(0)
rs10281686	7	55904039	0.0000614	-0.1291	0.0001087	sep/14(0)
rs2318331	8	139859313	0.0000614	0.08658	0.0001448	COL22A1(0)
rs7524635	1	171208666	0.0000617	0.08522	0.0000359	FMO1(-8.996kb)
rs7179336	15	27328278	0.0000617	0.09753	0.0000513	.
rs1969262	3	122863027	0.0000618	-0.0833	0.0000318	PDIA5(0)
21:46256823	21	46256823	0.000062	0.3647	0.0000488	SUMO3(+18.78kb) PTTG1IP(-12.69kb)
rs10912598	1	171190112	0.0000622	0.1053	0.0000637	FMO2(+8.29kb)
rs1124492	11	113282275	0.0000626	0.1397	0.0000663	DRD2(0) ANKK1(+11.13kb)
rs7174476	15	27328201	0.0000632	0.09617	0.0000515	.
rs7166879	15	27328421	0.0000632	0.09617	0.0000515	.
rs2205728	1	171209272	0.0000638	0.08495	0.0000382	FMO1(-8.39kb)
rs11829252	12	54684955	0.0000645	-0.08576	0.0000889	NFE2(-0.94kb) HNRNPA1(+5.925kb)
rs10194795	2	134873270	0.0000646	-0.09041	0.0000779	.
rs1039472	3	145695354	0.0000649	0.08469	0.0000617	.
15:27326063	15	27326063	0.0000651	0.102	0.0000548	.
rs4887526	15	27329615	0.0000659	0.09591	0.000054	.
rs2291799	12	59307446	0.0000661	0.1541	0.0000943	LRIG3(0)
rs1039473	3	145695146	0.0000661	-0.08687	0.000096	.
rs10899769	7	55920605	0.0000661	-0.1282	0.0001024	sep/14(0)
rs4887552	15	27326562	0.0000665	0.102	0.0000569	.
rs650783	6	100125119	0.0000668	0.1039	0.0001345	.
rs4424703	11	113353185	0.000067	0.1772	0.0000881	DRD2(+7.184kb)
6:121136624	6	121136624	0.000067	0.2379	0.00028	.
6:121140571	6	121140571	0.000067	0.2379	0.00028	.
rs6510164	19	31027333	0.0000671	-0.09663	0.0000246	ZNF536(0)
rs11758519	6	100184337	0.0000677	0.1028	0.0001703	.
rs10260994	7	55919166	0.0000682	-0.1274	0.0001017	sep/14(0)
rs7567071	2	134866840	0.0000683	-0.08786	0.0000716	.
rs7643935	3	145699162	0.0000683	0.08453	0.0000579	.
rs10781131	9	75829027	0.0000683	-0.1126	0.0002613	.
2:207064049	2	207064049	0.0000685	-0.1795	0.0000587	GPR1(0)
2:207065087	2	207065087	0.0000691	-0.1794	0.0000593	GPR1(0)
rs7691023	4	157354502	0.0000692	-0.084	0.00014	.
rs7662381	4	157362471	0.0000699	-0.0839	0.0001374	.
rs1879020	2	134871884	0.0000702	-0.08831	0.0000881	.
rs1080598	8	102744049	0.000071	0.1205	0.0002143	NCALD(0)
rs2789034	6	121172873	0.0000711	0.1782	0.0001708	.
rs2205723	1	171168302	0.0000714	0.08416	0.0000405	FMO2(0)
rs4887551	15	27326362	0.0000718	0.1032	0.0000563	.

rs3786799	19	30990770	0.0000718	-0.1032	0.0000892	ZNF536(0)
15:27326395	15	27326395	0.0000721	0.1032	0.0000579	.
rs2445922	8	119133623	0.0000722	-0.1141	0.000146	EXT1(+9.565kb)
rs3740076	10	101502968	0.0000724	-0.1339	0.0000364	CUTC(0) COX15(+10.54kb)
rs12671614	7	55916837	0.0000728	-0.1268	0.0001098	sep/14(0)
rs2075987	1	171168804	0.0000734	0.08397	0.0000431	FMO2(0)
2:207059053	2	207059053	0.0000736	-0.1788	0.0000623	GPR1(0)
rs16838056	2	207063279	0.0000736	-0.1788	0.0000623	GPR1(0)
rs10891541	11	113252147	0.0000738	0.1311	0.0001424	TTC12(+15.03kb) ANKK1(-6.365kb)
rs11728944	4	35679146	0.0000743	-0.1405	0.0001401	.
rs251998	7	13903609	0.000075	-0.08448	0.0000942	.
19:31026554	19	31026554	0.0000753	-0.1124	0.0000526	ZNF536(0)
6:101557262	6	101557262	0.0000753	0.1381	0.0001655	.
rs17671724	15	27327550	0.0000756	0.1011	0.0000639	.
rs2020861	1	171168585	0.0000757	0.08382	0.0000445	FMO2(0)
rs2179105	1	171176056	0.0000758	0.08345	0.0000413	FMO2(0)
rs12285457	11	113243378	0.0000758	0.131	0.0001506	TTC12(+6.264kb) ANKK1(-15.13kb)
rs2010572	2	207063825	0.0000759	-0.1785	0.0000628	GPR1(0)
rs4916192	1	171218366	0.0000765	0.08438	0.0000421	FMO1(0)
rs11790667	9	110419649	0.0000766	-0.1108	0.0000674	.
rs61492892	11	113262554	0.0000767	0.1276	0.0000903	DRD2(-17.76kb) ANKK1(0)
rs12224538	11	113263198	0.0000767	0.1276	0.0000903	DRD2(-17.12kb) ANKK1(0)
rs7062331	1	171080957	0.0000768	0.2892	0.0001113	FMO3(0)
rs4887555	15	27326758	0.0000768	0.1056	0.0000487	.
rs1893362	11	74357437	0.000077	-0.106	0.0000601	POLD3(+3.672kb)
rs10151605	14	73883817	0.000077	-0.107	0.0001852	NUMB(0)
rs2053079	19	30987423	0.0000773	-0.09722	0.0000599	ZNF536(0)
rs2064078	1	171217181	0.0000777	0.08411	0.0000469	FMO1(-0.481kb)
11:113299273	11	113299273	0.0000777	0.1693	0.0000796	DRD2(0)
rs1055076	11	113239709	0.000078	0.1299	0.0001585	TTC12(+2.595kb) ANKK1(-18.8kb)
rs11081348	18	7962084	0.0000781	0.09169	0.000054	PTPRM(0)
rs6699803	1	171169451	0.0000784	0.08352	0.000048	FMO2(0)
rs6692260	1	171169502	0.0000784	0.08352	0.000048	FMO2(0)
rs28538053	7	130941397	0.0000784	0.1369	0.0000133	.
6:121126178	6	121126178	0.0000786	0.2332	0.0002935	.
6:121129407	6	121129407	0.0000786	0.2332	0.0002935	.
rs1398781	3	145689070	0.0000788	0.08404	0.0000835	.
rs645121	9	12852488	0.0000788	-0.08925	0.0000643	.
rs689158	6	100107951	0.000079	0.1037	0.0001871	.
rs10891542	11	113253915	0.0000798	0.1284	0.0001126	TTC12(+16.8kb) ANKK1(-4.597kb)
rs2889395	15	27314399	0.0000798	0.105	0.000075	.
rs2817966	6	121178151	0.0000801	0.1775	0.000165	.
rs1592376	7	126891392	0.0000801	-0.11	0.0001347	GRM8(0)
rs10173558	2	208133995	0.0000803	-0.1211	0.0000519	.
rs4590907	11	113263370	0.0000804	0.1273	0.000097	DRD2(-16.95kb) ANKK1(0)
rs6960402	7	8462085	0.0000809	-0.1458	0.0002019	NXP1(-11.5kb)
rs12620600	2	126421863	0.0000812	-0.09904	0.0001501	.

8:13645221	8	13645221	0.0000819	0.2276	0.0000594	.
rs12656334	5	39860893	0.000082	-0.1112	0.0001018	.
rs10277978	7	55903386	0.0000821	-0.1272	0.0001441	sep/14(0)
rs2280120	4	54415669	0.0000822	-0.09962	0.0000564	LNx1(0)
rs10223916	7	55890162	0.0000825	-0.1267	0.000142	sep/14(0)
rs755383	9	863635	0.000083	0.08302	0.0000934	DMRT1(0)
rs1879018	2	134872561	0.0000831	-0.08629	0.0000798	.
rs1864797	15	27318434	0.0000832	0.1022	0.0000693	.
rs7029376	9	110419935	0.0000836	-0.112	0.0000724	.
rs11155041	6	100194679	0.0000837	0.102	0.0001958	.
rs17137620	15	27320424	0.000084	0.1031	0.0000816	.
rs451781	5	31371932	0.0000842	0.1149	0.0000782	.
rs56190064	2	134870498	0.0000845	-0.08626	0.0000823	.
rs9551503	13	29183134	0.0000846	0.09857	0.0001972	.
rs598909	6	100109592	0.0000848	0.1033	0.0002002	.
rs12078953	1	171212646	0.0000849	0.08363	0.0000492	FMO1(-5.016kb)
rs614414	6	100110728	0.000085	0.1032	0.0002003	.
rs628428	6	100111594	0.000085	0.1032	0.0002003	.
rs563906	6	100111975	0.000085	0.1032	0.0002003	.
rs857628	6	100109291	0.0000851	0.1031	0.0002137	.
rs17548854	5	151901555	0.0000854	-0.09701	0.0000872	.
rs11687330	2	208139887	0.0000856	-0.1184	0.000054	.
rs1513418	3	145698695	0.0000857	-0.08547	0.0001178	.
rs7669661	4	157363739	0.0000857	-0.08305	0.0001701	.
rs9551502	13	29182290	0.0000861	0.09832	0.0001955	.
rs10200989	2	134867672	0.0000865	-0.08604	0.0000857	.
rs4348440	7	49639431	0.0000869	-0.08535	0.0000954	.
rs4905470	14	96693211	0.000087	0.108	0.0003192	BDKRB2(0)
rs56127002	19	31023802	0.0000872	-0.1117	0.0000621	ZNF536(0)
rs17115583	11	113308902	0.0000876	0.1326	0.0001097	DRD2(0)
rs4887550	15	27325213	0.0000876	0.101	0.0000748	.
rs881299	8	38332249	0.0000882	0.08315	0.0001301	FGFR1(+5.897kb)
rs2075991	1	171177273	0.0000885	0.08427	0.0000472	FMO2(0)
rs17648205	15	27327352	0.0000885	0.1002	0.0000739	.
rs6949908	7	36603755	0.0000885	0.143	0.000158	AOAH(0)
rs12344177	9	110421125	0.0000889	-0.1099	0.000077	.
rs12344248	9	110421151	0.0000889	-0.1099	0.000077	.
rs58205571	15	27331759	0.0000892	0.09522	0.0000826	.
rs12208252	6	100195051	0.0000903	0.1017	0.0002057	.
6:101407609	6	101407609	0.0000903	0.1436	0.0001408	.
6:100123947	6	100123947	0.0000908	0.1034	0.0002425	.
rs482799	6	100127108	0.0000909	0.1042	0.0002373	.
rs7338920	13	31130339	0.0000915	-0.1331	0.0001183	.
rs9498518	6	101560344	0.0000915	0.1341	0.0002265	.
rs10193163	2	79352537	0.0000918	-0.08096	0.0000992	REG1A(+1.992kb)
rs12510706	4	80661930	0.0000921	-0.08867	0.0001423	.
rs10912529	1	171160925	0.0000934	0.08277	0.0000537	FMO2(0)

rs12567956	1	171161072	0.0000934	0.08277	0.0000537	FMO2(0)
rs7529080	1	171205078	0.0000936	0.0832	0.0000477	FMO1(-12.58kb)
5:164357804	5	164357804	0.0000937	0.3051	0.0000577	.
rs881301	8	38332318	0.0000938	0.08297	0.0001395	FGFR1(+5.966kb)
rs6133317	20	6426137	0.0000941	0.08223	0.0000514	.
rs1565788	9	586686	0.0000941	0.09384	0.0001595	KANK1(0)
rs2206720	6	100169292	0.0000945	0.1011	0.0002705	.
rs2206721	6	100170326	0.0000945	0.1011	0.0002705	.
rs484901	9	12846345	0.0000947	-0.0882	0.0000961	.
rs4887556	15	27327092	0.0000949	0.09985	0.0000789	.
1:158638675	1	158638675	0.000095	-0.1826	0.0002042	SPTA1(0)
rs13222063	7	126887314	0.0000953	-0.1196	0.0001278	GRM8(0)
rs12706772	7	126887802	0.0000953	-0.1196	0.0001278	GRM8(0)
rs10773594	12	129559557	0.0000954	-0.08791	0.0000586	TMEM132D(0)
rs10783927	12	59307636	0.0000957	0.1512	0.0001431	LRIG3(0)
rs11888896	2	134879670	0.0000959	-0.09582	0.0001097	.
rs17863255	7	126889071	0.0000962	-0.1195	0.0001269	GRM8(0)
rs13440356	9	110419280	0.000097	-0.1096	0.0000844	.
rs55723308	19	31024755	0.0000971	-0.1122	0.0000648	ZNF536(0)
rs10228722	7	126887847	0.0000971	-0.119	0.0001501	GRM8(0)
rs10485225	6	100206168	0.0000973	0.1009	0.0002129	.
rs4346953	7	49638898	0.000098	-0.08493	0.0000908	.
15:27325562	15	27325562	0.0000997	0.1021	0.0000862	.
rs10258076	7	126887735	0.0000997	-0.1193	0.0001369	GRM8(0)
rs12706770	7	126886089	0.0000998	-0.1195	0.0001383	GRM8(0)
rs11947786	4	157352927	0.0000999	-0.0826	0.0001824	.
rs7993985	13	20343467	0.0001002	-0.1249	0.0001622	PSPC1(0)
rs7797094	7	126890069	0.0001006	-0.1192	0.0001337	GRM8(0)
rs252000	7	13903309	0.0001017	-0.0831	0.0001228	.
rs1222208	11	30361377	0.0001018	-0.09673	0.0000868	C11orf46(+2.212kb)
21:46257042	21	46257042	0.0001018	0.3496	0.00008	SUMO3(+19kb) PTTG1IP(-12.47kb)
1:171211207	1	171211207	0.0001024	0.2468	0.0000897	FMO1(-6.455kb)
rs56306980	13	100048286	0.0001027	-0.1168	0.000148	UBAC2(+9.605kb)
rs11788158	9	110445045	0.0001027	-0.1051	0.0001769	.
rs12215309	6	100216540	0.0001029	0.1052	0.000226	.
rs9508796	13	31130245	0.000103	-0.1313	0.0001297	.
rs330831	6	100047669	0.000103	0.1028	0.0001216	PRDM13(-6.98kb)
rs10882950	10	99278269	0.0001031	-0.08371	0.0001168	UBTD1(0) MMS19(+19.9kb)
rs17344985	2	104596705	0.0001031	-0.1156	0.000166	.
rs330827	6	100044745	0.0001031	0.1021	0.0001241	PRDM13(-9.904kb)
rs12187722	5	88955933	0.0001033	0.1759	0.0001924	.
1:171082648	1	171082648	0.0001039	0.2885	0.0001528	FMO3(0)
21:46258475	21	46258475	0.0001039	0.3489	0.000083	PTTG1IP(-11.04kb)
rs1907103	4	157363631	0.0001047	-0.08212	0.000208	.
rs12730305	1	171162879	0.0001049	0.08223	0.0000611	FMO2(0)
rs56393443	13	100048966	0.0001049	-0.1167	0.0001509	UBAC2(+10.29kb)
rs2654857	1	242670317	0.0001053	-0.1014	0.0001232	PLD5(0)

rs17416904	2	104598569	0.0001053	-0.1146	0.0001576	.
rs7956184	12	129624648	0.0001059	-0.09471	0.0001574	TMEM132D(0)
rs7332967	13	20290379	0.0001076	-0.1014	0.0002817	PSPC1(0)
rs576208	5	39843144	0.000108	-0.1095	0.0001312	.
rs1432127	15	27322364	0.0001081	0.102	0.0001054	.
rs11155055	6	100208996	0.0001081	0.1001	0.0002464	.
rs58180185	18	40180975	0.0001082	-0.1094	0.0001433	.
rs1513415	3	145686565	0.0001083	0.08199	0.0001094	.
rs4833618	4	120309500	0.0001083	-0.08175	0.0003393	.
5:39868198	5	39868198	0.0001085	-0.1091	0.0001339	.
rs11737362	4	157359142	0.0001087	-0.0814	0.0002225	.
rs1418479	1	240932039	0.0001089	0.09896	0.0001077	RGS7(-6.777kb)
9:83462236	9	83462236	0.000109	-0.3529	0.0001148	.
9:83463759	9	83463759	0.000109	-0.3529	0.0001148	.
rs330828	6	100045149	0.0001093	0.1018	0.0001311	PRDM13(-9.5kb)
rs6001123	22	22505022	0.0001094	0.1274	0.0001355	.
rs1536962	9	116711690	0.0001094	0.08114	0.0002787	ZNF618(0)
rs10145126	14	96693883	0.0001096	0.1075	0.0003794	BDKRB2(0)
rs4563837	7	49643241	0.0001096	-0.08401	0.0001271	.
rs4398665	5	88944444	0.00011	0.1754	0.0002028	.
5:88957123	5	88957123	0.0001104	0.1748	0.0001975	.
rs12202281	6	99903305	0.0001104	0.1053	0.0001373	USP45(0)
rs4370483	7	49639402	0.0001108	-0.08476	0.0001356	.
rs4916759	5	88917291	0.000111	0.1747	0.0002047	.
rs4916760	5	88917310	0.000111	0.1747	0.0002047	.
rs6869361	5	88918060	0.000111	0.1747	0.0002047	.
rs3811306	14	22534497	0.0001113	-0.08088	0.0002077	.
rs11869505	17	5412654	0.0001113	0.3825	0.0001047	NLRP1(0) MIS12(+18.52kb)
rs3734351	6	101307131	0.0001113	0.1861	0.0002278	ASCC3(0)
rs10914706	1	33886888	0.0001116	-0.145	0.0001031	.
rs330823	6	100043043	0.0001119	0.1018	0.0001687	PRDM13(-11.61kb)
rs28523597	18	47999209	0.0001122	-0.1876	0.000183	.
rs563088	6	100128073	0.0001122	0.1006	0.000304	.
1:171087706	1	171087706	0.0001126	0.2845	0.0001644	FMO3(+0.747kb)
1:171088703	1	171088703	0.0001127	0.2845	0.0001642	FMO3(+1.744kb)
1:171090910	1	171090910	0.0001127	0.2845	0.0001642	FMO3(+3.951kb)
rs10912542	1	171167157	0.0001127	0.08196	0.000067	FMO2(0)
rs6656759	1	29175846	0.0001127	0.1638	0.0000907	OPRD1(0)
rs10830045	10	129225930	0.0001128	0.09199	0.000141	.
rs8036266	15	27317712	0.0001128	0.1016	0.000098	.
rs7026176	9	116670743	0.0001131	0.0811	0.0003191	ZNF618(0)
rs4738077	8	71126538	0.0001133	0.09141	0.0001499	NCOA2(0)
rs7245967	19	17011485	0.0001135	0.08595	0.0001697	F2RL3(+8.655kb) CPAMD8(0)
rs470033	22	33071432	0.0001139	-0.1185	0.000206	SYN3(0)
rs10978974	9	110419626	0.000114	-0.111	0.0001087	.
1:171083882	1	171083882	0.0001145	0.2842	0.0001667	FMO3(0)
1:171084954	1	171084954	0.0001145	0.2842	0.0001667	FMO3(0)

rs7444394	5	88934617	0.0001147	0.1743	0.0002108	.
rs6452843	5	88937598	0.0001147	0.1743	0.0002108	.
rs7734229	5	88943930	0.0001147	0.1743	0.0002108	.
5:88948309	5	88948309	0.0001147	0.1743	0.0002108	.
rs12655057	5	39953241	0.0001151	-0.1101	0.0001296	.
rs487149	5	39835837	0.0001154	-0.109	0.0001407	.
rs1997802	6	100160117	0.0001155	0.1026	0.000311	.
rs60414095	15	27319766	0.0001156	0.09945	0.0001072	.
rs930362	18	48123761	0.0001158	0.08968	0.0001977	MAPK4(0)
rs629017	3	145683128	0.0001158	0.08078	0.000107	.
rs10518269	19	31028666	0.0001159	-0.1098	0.0000806	ZNF536(0)
1:171097635	1	171097635	0.0001161	0.284	0.0001681	FMO3(+10.68kb)
rs62530796	8	71622207	0.0001174	0.163	0.0000958	XKR9(0)
rs62530797	8	71622226	0.0001174	0.163	0.0000958	XKR9(0)
rs17863256	7	126894799	0.0001176	-0.1181	0.0001451	GRM8(+2.371kb)
rs522862	6	100139610	0.0001179	0.1008	0.0003462	.
rs330830	6	100047457	0.000118	0.1014	0.0001373	PRDM13(-7.192kb)
rs7167003	15	27319228	0.0001182	0.1003	0.0001097	.
rs4840074	6	100154921	0.0001184	0.1001	0.0003273	.
7:139949206	7	139949206	0.0001184	0.1376	0.0001741	.
rs9551973	13	20256342	0.000119	-0.1204	0.0002143	MPHOSPH8(+9.702kb)
9:116669379	9	116669379	0.000119	0.08078	0.0003165	ZNF618(0)
rs4653133	1	33889839	0.0001191	-0.1674	0.0001327	.
4:56166914	4	56166914	0.0001194	0.1676	0.0002161	.
rs62510698	8	71813464	0.0001195	0.1403	0.0000898	.
rs4944049	11	74306410	0.0001196	-0.1029	0.0001073	POLD3(0)
rs4944050	11	74306494	0.0001196	-0.1029	0.0001073	POLD3(0)
20:22915522	20	22915522	0.0001198	-0.385	0.0000782	.
20:22919913	20	22919913	0.0001198	-0.385	0.0000782	.
rs2206718	6	100157980	0.0001198	0.09982	0.0003435	.
rs7752843	6	100159009	0.0001198	0.09982	0.0003435	.
rs4839753	6	100165858	0.0001198	0.09982	0.0003435	.
rs4839754	6	100165962	0.0001198	0.09982	0.0003435	.
5:88961030	5	88961030	0.0001199	0.1753	0.0002243	.
rs11738960	5	88833302	0.0001201	0.1802	0.0001163	.
rs11739065	5	88833679	0.0001201	0.1802	0.0001163	.
1:171115116	1	171115116	0.0001205	0.2833	0.0001722	.
rs4937789	11	133392402	0.0001205	0.1212	0.000358	OPCML(0)
rs12054766	5	88952313	0.0001205	0.1738	0.000219	.
2:86603856	2	86603856	0.0001206	0.3208	0.0006582	.
rs494401	6	100131160	0.0001206	0.09982	0.0003549	.
rs12684912	9	85478756	0.0001206	-0.08136	0.0003514	.
rs657862	6	100113539	0.0001211	0.1012	0.0002949	.
rs16869449	5	39946183	0.0001212	-0.1098	0.0001376	.
rs12469559	2	134864518	0.0001214	-0.08809	0.0001065	.
rs12636162	3	145699215	0.0001218	-0.08363	0.0001838	.
rs480715	6	100035437	0.0001218	0.1001	0.0001476	PRDM13(-19.21kb) CCNC(+18.75kb)

rs12112047	7	36602372	0.0001218	0.1398	0.000226	AOAH(0)
rs1523782	9	110425385	0.0001218	-0.1082	0.0001019	.
1:171107688	1	171107688	0.000122	0.2832	0.0001736	.
1:171107737	1	171107737	0.000122	0.2832	0.0001736	.
1:171108032	1	171108032	0.000122	0.2832	0.0001736	.
1:171109057	1	171109057	0.000122	0.2832	0.0001736	.
1:171110489	1	171110489	0.000122	0.2832	0.0001736	.
rs951640	7	126876650	0.0001222	-0.118	0.0001625	GRM8(0)
rs12212493	6	99653012	0.0001224	-0.09348	0.0001214	.
rs2290811	13	20251752	0.0001228	-0.126	0.0002247	MPHOSPH8(+5.112kb)
rs6860702	5	39952013	0.0001232	-0.1096	0.0001397	.
rs6880229	5	39952099	0.0001232	-0.1096	0.0001397	.
rs1818147	3	145703917	0.0001234	-0.08347	0.0001761	.
rs1102230	6	100141922	0.0001237	0.09983	0.0003519	.
rs12246939	10	87916254	0.0001239	-0.2575	0.0003727	GRID1(0)
rs7046776	9	116715706	0.0001239	0.08024	0.0003311	ZNF618(0)
rs2218732	3	145708268	0.0001241	-0.08346	0.0001736	.
rs179791	5	31380134	0.0001242	0.1148	0.0001549	.
12:59308666	12	59308666	0.0001244	0.1773	0.0002457	LRIG3(0)
rs10942563	5	88928962	0.0001244	0.1739	0.0002219	.
rs12456376	18	7962217	0.0001245	0.08781	0.000113	PTPRM(0)
3:145703251	3	145703251	0.0001247	-0.0833	0.0001811	.
rs586809	3	145692235	0.0001248	-0.08356	0.0001873	.
rs11683456	2	208222371	0.0001251	-0.1002	0.0000445	.
rs9356129	6	164072758	0.0001251	-0.2011	0.0000872	.
rs10847781	12	129628366	0.0001252	-0.09312	0.0001918	TMEM132D(0)
5:118276252	5	118276252	0.0001252	-0.2169	0.0002667	DTWD2(0)
rs62328035	4	157354118	0.0001257	-0.0805	0.0002355	.
rs7110993	11	74360313	0.0001263	-0.1019	0.0001028	POLD3(+6.548kb)
12:86588232	12	86588232	0.0001263	-0.2495	0.0001337	MGAT4C(0)
rs4944911	11	74308058	0.0001265	-0.1025	0.0001141	POLD3(0)
rs6606871	15	27323803	0.0001265	0.09887	0.0001052	.
3:21951430	3	21951430	0.0001267	-0.1961	0.0003861	.
rs11201891	10	87887418	0.000127	-0.2653	0.0003338	GRID1(0)
rs11060162	12	129633371	0.0001272	-0.0937	0.0002199	TMEM132D(0)
rs9579202	13	29178210	0.000128	0.09532	0.0002865	.
5:88817920	5	88817920	0.0001282	0.1868	0.0001284	.
1:171209371	1	171209371	0.0001283	0.2415	0.000115	FMO1(-8.291kb)
rs12077760	1	171212145	0.0001283	0.2415	0.000115	FMO1(-5.517kb)
1:171214979	1	171214979	0.0001283	0.2415	0.000115	FMO1(-2.683kb)
1:171215123	1	171215123	0.0001283	0.2415	0.000115	FMO1(-2.539kb)
1:171217066	1	171217066	0.0001283	0.2415	0.000115	FMO1(-0.596kb)
rs4747833	10	9663406	0.0001283	0.08088	0.000109	.
15:27314312	15	27314312	0.0001283	0.09869	0.0001078	.
rs10759246	9	110425795	0.0001283	-0.1078	0.000109	.
15:27320963	15	27320963	0.0001287	0.09875	0.0001099	.
15:27321760	15	27321760	0.0001287	0.09875	0.0001099	.

rs11668232	19	57864488	0.0001289	-0.1179	0.0001464	ZNF547(-10.4kb) ZNF304(0)
rs1561999	18	7964932	0.0001293	0.08875	0.0001057	PTPRM(0)
rs8104557	19	31030189	0.0001297	-0.1008	0.000079	ZNF536(0)
rs2223681	6	100156357	0.0001298	0.0992	0.0003922	.
rs2397429	6	100157242	0.0001298	0.0992	0.0003922	.
rs1997801	6	100159976	0.0001298	0.0992	0.0003922	.
7:55912185	7	55912185	0.0001298	-0.1209	0.0002224	sep/14(0)
rs4474808	19	31027435	0.00013	-0.09576	0.0000613	ZNF536(0)
rs10519569	15	27320144	0.0001302	0.09872	0.0001106	.
rs17760385	8	71594394	0.0001309	0.1422	0.0000922	XKR9(0) LACTB2(+13kb)
10:87919895	10	87919895	0.000131	-0.2566	0.0003946	GRID1(0)
rs12247689	10	87924933	0.000131	-0.2566	0.0003946	GRID1(0)
rs4456473	15	27314701	0.0001313	0.09842	0.0001138	.
15:27316179	15	27316179	0.0001313	0.09842	0.0001138	.
rs8042348	15	27317071	0.0001313	0.09842	0.0001138	.
rs10519571	15	27317185	0.0001313	0.09842	0.0001138	.
rs8030329	15	27317240	0.0001313	0.09842	0.0001138	.
rs7247158	19	31021597	0.0001314	-0.09586	0.0000637	ZNF536(0)
rs501016	3	145687356	0.0001317	0.08011	0.0001151	.
rs11947744	4	157352843	0.0001319	-0.08028	0.000246	.
rs12108214	4	157353244	0.0001319	-0.08028	0.000246	.
rs10816558	9	110457911	0.000132	-0.1083	0.0002421	.
1:171184950	1	171184950	0.0001322	0.2411	0.0001185	FMO2(+3.128kb)
1:171185749	1	171185749	0.0001322	0.2411	0.0001185	FMO2(+3.927kb)
1:171185831	1	171185831	0.0001322	0.2411	0.0001185	FMO2(+4.009kb)
1:171187245	1	171187245	0.0001322	0.2411	0.0001185	FMO2(+5.423kb)
10:113303817	10	113303817	0.0001323	0.252	0.0002704	.
rs11880530	19	35969144	0.0001323	0.1023	0.0002182	KRTDAP(-9.083kb) DMKN(-18.98kb)
rs7002472	8	13626188	0.0001324	0.1587	0.0001901	.
1:171214111	1	171214111	0.0001325	0.2669	0.000164	FMO1(-3.551kb)
rs11791331	9	110421445	0.0001325	-0.1073	0.0001085	.
5:39863095	5	39863095	0.0001327	-0.1083	0.0001643	.
rs9649726	7	49639168	0.0001327	-0.08192	0.0001433	.
11:23003290	11	23003290	0.0001328	-0.106	0.0001565	.
rs4513916	7	49643521	0.0001334	-0.08264	0.0001179	.
rs7525342	1	171148878	0.0001337	0.08225	0.0000874	FMO2(-5.509kb)
10:87922873	10	87922873	0.000134	-0.2562	0.000403	GRID1(0)
rs11223493	11	133386590	0.000134	0.1115	0.0005019	OPCML(0)
rs11087976	21	27169308	0.000134	-0.1343	0.0001493	.
rs857917	6	100031814	0.0001341	0.09947	0.0001661	CCNC(+15.12kb)
rs864512	6	100031957	0.0001341	0.09947	0.0001661	CCNC(+15.27kb)
rs7763223	6	124332125	0.0001341	0.1183	0.0000655	NKAIN2(0)
1:171189685	1	171189685	0.0001344	0.2408	0.0001203	FMO2(+7.863kb)
1:171192425	1	171192425	0.0001344	0.2408	0.0001203	FMO2(+10.6kb)
1:171194702	1	171194702	0.0001344	0.2408	0.0001203	FMO2(+12.88kb)
1:171197792	1	171197792	0.0001344	0.2408	0.0001203	FMO2(+15.97kb) FMO1(-19.87kb)
1:171198546	1	171198546	0.0001344	0.2408	0.0001203	FMO2(+16.72kb) FMO1(-19.12kb)

1:171199172	1	171199172	0.0001344	0.2408	0.0001203	FMO2(+17.35kb) FMO1(-18.49kb)
1:171201031	1	171201031	0.0001344	0.2408	0.0001203	FMO2(+19.21kb) FMO1(-16.63kb)
1:171205267	1	171205267	0.0001344	0.2408	0.0001203	FMO1(-12.39kb)
1:171130136	1	171130136	0.0001345	0.2938	0.0001964	.
rs2889397	15	27314599	0.0001345	0.09843	0.0001129	.
rs9450248	6	86060171	0.0001346	0.08102	0.000455	.
rs10238436	7	86370144	0.0001347	-0.09403	0.0002372	GRM3(0)
rs2654892	1	242673570	0.000135	-0.09858	0.0001604	PLD5(0)
rs10759665	9	116704397	0.0001353	0.07959	0.0003576	ZNF618(0)
rs8035567	15	27317871	0.000136	0.09825	0.0001184	.
rs565199	3	145691266	0.0001361	-0.08304	0.000197	.
rs10817539	9	116708275	0.0001361	0.07953	0.0003616	ZNF618(0)
rs503489	6	100136580	0.0001362	0.09886	0.0004017	.
rs538177	6	100136658	0.0001362	0.09886	0.0004017	.
rs473917	6	100137647	0.0001362	0.09886	0.0004017	.
rs570886	6	100142021	0.0001362	0.09886	0.0004017	.
rs505023	6	100144588	0.0001362	0.09886	0.0004017	.
rs532188	6	100145150	0.0001362	0.09886	0.0004017	.
rs667700	6	100146584	0.0001362	0.09886	0.0004017	.
rs580707	6	100147326	0.0001362	0.09886	0.0004017	.
rs542383	6	100149395	0.0001362	0.09886	0.0004017	.
rs513044	6	100150291	0.0001362	0.09886	0.0004017	.
rs9495265	6	100155096	0.0001362	0.09886	0.0004017	.
rs11154870	6	99919228	0.0001373	0.1017	0.0001583	USP45(0)
rs12108383	4	157351576	0.0001378	-0.08007	0.0002551	.
rs12108263	4	157351596	0.0001381	-0.08041	0.000244	.
rs4656376	1	162640649	0.0001386	0.08068	0.000156	DDR2(0)
rs10759666	9	116710616	0.0001386	0.0795	0.0003645	ZNF618(0)
rs333611	8	56788951	0.000139	0.1244	0.0001684	LYN(-3.434kb)
rs62510694	8	71809820	0.000139	0.1389	0.0001044	.
rs976905	9	586714	0.0001391	0.0917	0.0002363	KANK1(0)
rs7027151	9	110461873	0.0001397	0.08072	0.0001813	.
rs28380071	8	13624739	0.0001402	0.1581	0.0002017	.
3:145688320	3	145688320	0.0001403	-0.08318	0.0001757	.
rs12771865	10	9659788	0.0001407	0.08062	0.0001325	.
rs13213410	6	100179795	0.0001407	0.09867	0.0004224	.
rs11860201	16	1864365	0.000141	0.2035	0.0001956	HAGH(0) FAHD1(-12.86kb) C16orf73
rs7191714	16	1864716	0.000141	0.2035	0.0001956	HAGH(0) FAHD1(-12.51kb) C16orf73
rs6919252	6	100164626	0.000141	0.09887	0.0004376	.
rs6781994	3	145684536	0.0001412	0.07987	0.000127	.
rs12695803	3	145685644	0.0001412	0.07987	0.000127	.
rs489563	3	145683040	0.0001416	0.07967	0.0001319	.
rs1023230	13	20270158	0.0001417	-0.119	0.0002564	PSPC1(-6.85kb)
8:13633153	8	13633153	0.0001421	0.1583	0.0002019	.
rs4916182	1	171164544	0.0001425	0.08195	0.0000864	FMO2(0)
rs12426555	12	59302853	0.0001425	0.1738	0.0002487	LRIG3(0)
rs6831956	4	157346990	0.0001425	-0.08009	0.0002669	.

rs56167576	4	157348167	0.0001425	-0.08009	0.0002669	.
rs12112531	7	49637607	0.0001429	-0.08169	0.00015	.
rs10978976	9	110422418	0.0001433	-0.1067	0.0001163	.
rs1156296	2	104606753	0.0001434	-0.1088	0.0003788	.
rs17867802	7	126881556	0.0001436	-0.117	0.0001871	GRM8(0)
rs7308704	12	129629624	0.000144	-0.09216	0.0002233	TMEM132D(0)
rs1023229	13	20270925	0.0001445	-0.119	0.0002362	PSPC1(-6.083kb)
rs7772505	6	99666305	0.0001448	-0.09346	0.0001061	.
10:113316829	10	113316829	0.0001449	0.2372	0.0003125	.
10:113318222	10	113318222	0.0001449	0.2372	0.0003125	.
rs478684	6	100035973	0.000145	0.09911	0.0001776	PRDM13(-18.68kb) CCNC(+19.28kb)
rs674070	6	100036185	0.000145	0.09911	0.0001776	PRDM13(-18.46kb) CCNC(+19.5kb)
rs520545	6	100036429	0.000145	0.09911	0.0001776	PRDM13(-18.22kb) CCNC(+19.74kb)
rs672772	6	100036452	0.000145	0.09911	0.0001776	PRDM13(-18.2kb) CCNC(+19.76kb)
rs574834	6	100037768	0.000145	0.09911	0.0001776	PRDM13(-16.88kb)
rs12635749	3	145684600	0.0001451	-0.08303	0.0002038	.
rs545465	6	100037266	0.0001452	0.09917	0.0001757	PRDM13(-17.38kb)
rs6941160	6	108039018	0.0001455	0.1076	0.0001952	SCML4(0)
rs17688862	8	71735392	0.0001455	0.1381	0.0001057	.
rs56359788	9	110434426	0.0001455	-0.09925	0.0001877	.
rs10230845	7	55905896	0.0001456	-0.1201	0.0002465	sep/14(0)
rs640199	6	100030492	0.000146	0.09906	0.0001826	CCNC(+13.8kb)
rs13232203	7	126885916	0.000146	-0.118	0.0001877	GRM8(0)
rs12629782	3	145711776	0.0001463	-0.08282	0.0002078	.
rs7729566	5	88973460	0.0001463	0.1719	0.000244	.
rs687039	6	100114091	0.0001464	0.1002	0.0003478	.
rs10816546	9	110425583	0.0001464	-0.1098	0.000121	.
rs1958643	14	54320442	0.0001467	-0.1124	0.0001297	.
rs1156510	20	6428664	0.0001468	0.07992	0.0000876	.
rs4964873	12	129625292	0.0001469	-0.09151	0.0002022	TMEM132D(0)
rs2058709	2	207082016	0.0001472	-0.1768	0.0001773	GPR1(0)
rs573806	6	100141666	0.0001472	0.0985	0.000421	.
5:118278649	5	118278649	0.0001473	-0.2191	0.0003094	DTWD2(0)
5:88957871	5	88957871	0.0001473	0.1712	0.0002599	.
5:88962341	5	88962341	0.0001473	0.1712	0.0002599	.
rs17472426	5	159694357	0.0001477	0.1355	0.0002125	CCNJL(0)
rs2223680	6	100155845	0.0001477	0.09842	0.0004317	.
13:20266124	13	20266124	0.0001479	-0.1188	0.0002552	PSPC1(-10.88kb) MPHOSPH8(+19.48k
rs43186	16	51988993	0.0001479	0.1704	0.000255	.
rs408462	14	36454920	0.0001481	0.08629	0.000202	.
rs9637605	4	80676672	0.0001481	-0.08643	0.0002607	.
rs12877553	13	20367144	0.0001484	-0.1209	0.0002378	PSPC1(+10.06kb)
rs4709736	6	164072768	0.000149	-0.2005	0.0000972	.
rs8093406	18	7960727	0.0001496	0.08708	0.0001255	PTPRM(0)
rs6570286	6	100153325	0.0001497	0.09857	0.0004275	.
rs4382811	10	57463217	0.00015	-0.08162	0.0001185	.
rs317463	10	109963724	0.0001501	-0.08047	0.0003653	.

rs17129011	10	113319202	0.0001502	0.2364	0.0003303	.
rs60149818	15	27319378	0.0001506	0.09771	0.0001422	.
rs62531750	8	71566384	0.0001511	0.1381	0.0001138	XKR9(-15.21kb) LACTB2(0)
rs62531751	8	71567829	0.0001511	0.1381	0.0001138	XKR9(-13.77kb) LACTB2(0)
rs17760069	8	71574842	0.0001511	0.1381	0.0001138	XKR9(-6.757kb) LACTB2(0)
rs62531758	8	71575523	0.0001511	0.1381	0.0001138	XKR9(-6.076kb) LACTB2(0)
rs17760081	8	71575781	0.0001511	0.1381	0.0001138	XKR9(-5.818kb) LACTB2(0)
rs62531759	8	71576209	0.0001511	0.1381	0.0001138	XKR9(-5.39kb) LACTB2(0)
rs2086068	8	71583073	0.0001511	0.1381	0.0001138	XKR9(0) LACTB2(+1.681kb)
8:71637763	8	71637763	0.0001511	0.1381	0.0001138	XKR9(0)
rs10504483	8	71701326	0.0001511	0.1381	0.0001138	.
rs4887553	15	27326689	0.0001513	0.09797	0.0001415	.
rs4944926	11	74359816	0.0001514	-0.1007	0.000131	POLD3(+6.051kb)
rs4887554	15	27326701	0.0001515	0.098	0.0001387	.
rs2830287	21	27954850	0.0001515	0.1231	0.0001573	CYYR1(+9.269kb)
rs2161768	2	208227172	0.000152	-0.09898	0.000054	.
rs13109871	4	35672628	0.000152	-0.139	0.0002003	.
rs12825669	12	106288445	0.0001523	-0.08202	0.0002469	.
rs1996589	2	134865196	0.0001523	-0.08339	0.0001486	.
rs61877030	11	41072912	0.0001524	-0.1158	0.0000804	.
rs12271394	11	74367643	0.0001525	-0.1014	0.0001933	POLD3(+13.88kb)
15:27326090	15	27326090	0.0001525	0.09791	0.0001322	.
rs490151	6	100141024	0.0001528	0.09808	0.00045	.
rs60188185	3	145705952	0.0001531	-0.08239	0.000219	.
5:164496101	5	164496101	0.0001535	0.3133	0.0001286	.
rs4760176	12	58359547	0.0001536	-0.1899	0.0001344	XRCC6BP1(+8.495kb)
rs11076221	16	51961543	0.0001536	0.1699	0.0002729	.
rs6054258	20	6430018	0.0001536	0.07941	0.0000844	.
rs17767844	8	71824730	0.0001536	0.1372	0.0001139	.
12:6040061	12	6040061	0.0001542	-0.2655	0.0003037	VWF(-17.98kb) TMEM16B(0)
rs10251595	7	55904261	0.0001545	-0.1196	0.000261	sep/14(0)
rs6857645	4	131310015	0.0001547	0.09247	0.0002721	.
rs6831859	4	131310016	0.0001547	0.09247	0.0002721	.
rs11186524	10	93034313	0.0001551	0.1869	0.000184	PCGF5(0)
6:121155362	6	121155362	0.0001554	0.1849	0.0004572	.
rs7925341	11	74351088	0.0001557	-0.1007	0.0001447	POLD3(0)
rs502645	3	145687497	0.0001557	-0.08224	0.0002187	.
13:27794390	13	27794390	0.0001558	0.3729	0.0004739	.
13:27828450	13	27828450	0.0001558	0.3729	0.0004739	RPL21(0) RASL11A(-16.01kb)
rs28823947	7	55906769	0.0001559	-0.1193	0.0002651	sep/14(0)
rs10239655	7	55908310	0.0001559	-0.1193	0.0002651	sep/14(0)
rs13436522	5	88863349	0.0001562	0.2227	0.0002061	.
rs10978980	9	110422980	0.0001563	-0.1059	0.0001276	.
rs9649556	7	130939970	0.0001568	0.1287	0.0000258	.
rs571992	5	31371729	0.0001571	0.1111	0.000155	.
rs2817920	6	121156480	0.0001575	0.1855	0.0004447	.
rs62531753	8	71571193	0.0001575	0.1378	0.0001197	XKR9(-10.41kb) LACTB2(0)

rs7179648	15	27315409	0.0001577	0.09737	0.0001346	.
rs2325824	3	84049731	0.0001577	-0.1494	0.0002405	.
rs1609606	13	20357220	0.0001578	-0.1205	0.0002662	PSPC1(+0.137kb)
rs330825	6	100043987	0.0001578	0.09897	0.0001886	PRDM13(-10.66kb)
rs10982008	9	116700334	0.000158	0.07887	0.0004273	ZNF618(0)
rs2205729	1	171213558	0.0001582	0.08072	0.0000975	FMO1(-4.104kb)
rs7250841	19	31041411	0.0001582	-0.09977	0.0001183	ZNF536(0)
17:34013871	17	34013871	0.0001583	-0.2005	0.0003661	AP2B1(0)
15:55743961	15	55743961	0.0001585	-0.08645	0.0002065	DYX1C1(0)
rs10793095	11	74357364	0.0001586	-0.1003	0.0001408	POLD3(+3.599kb)
rs2769558	13	37174249	0.0001586	0.1066	0.0000706	.
rs1523781	9	110425506	0.0001587	-0.1076	0.0001321	.
rs61998099	15	27335511	0.0001589	0.08949	0.0001973	.
rs9886746	9	21122071	0.0001596	-0.07769	0.0005401	IFNW1(-18.56kb)
rs16841183	4	7777150	0.0001606	0.1345	0.0002819	AFAP1(0)
rs490284	6	100150274	0.0001607	0.09773	0.0004777	.
rs9506365	13	20312186	0.0001609	-0.1202	0.0002572	PSPC1(0)
rs9508868	13	20312419	0.0001609	-0.1202	0.0002572	PSPC1(0)
rs4769900	13	20313924	0.0001609	-0.1202	0.0002572	PSPC1(0)
rs2340649	13	20337296	0.0001609	-0.1202	0.0002572	PSPC1(0)
rs9506373	13	20338299	0.0001609	-0.1202	0.0002572	PSPC1(0)
rs17533269	5	155314746	0.0001613	0.09999	0.0003374	.
5:155315050	5	155315050	0.0001613	0.09999	0.0003374	.
5:155315647	5	155315647	0.0001613	0.09999	0.0003374	.
rs10119978	9	116707820	0.0001613	0.07864	0.0004212	ZNF618(0)
rs7089124	10	9662320	0.0001617	0.07951	0.0001291	.
rs8041947	15	27316685	0.0001618	0.09758	0.0001491	.
rs4839751	6	100158035	0.0001623	0.09796	0.0004336	.
rs62569567	9	110426481	0.0001624	-0.1102	0.0001387	.
4:56165296	4	56165296	0.0001625	0.1611	0.0002715	.
rs1330168	9	116699080	0.0001628	0.07948	0.0004052	ZNF618(0)
rs28502265	2	20130145	0.0001629	-0.1618	0.0003114	WDR35(0)
rs6967547	7	49640484	0.0001629	-0.08102	0.0001459	.
6:121165003	6	121165003	0.0001631	0.1843	0.0004746	.
rs1222210	11	30362125	0.0001633	-0.09234	0.0001452	C11orf46(+2.96kb)
rs1222211	11	30362239	0.0001633	-0.09234	0.0001452	C11orf46(+3.074kb)
rs4944054	11	74358495	0.0001634	-0.1002	0.000145	POLD3(+4.73kb)
rs4944924	11	74359298	0.0001634	-0.1002	0.000145	POLD3(+5.533kb)
rs10226063	7	130940227	0.0001641	0.1283	0.0000271	.
rs8040102	15	27323592	0.0001643	0.09763	0.0001366	.
rs330844	6	100063243	0.0001643	0.101	0.0003669	PRDM13(0)
rs12634782	3	145684889	0.0001644	-0.08204	0.0002461	.
rs4978544	9	110464013	0.0001645	0.08042	0.0002035	.
rs17241990	13	20319129	0.0001653	-0.1203	0.0002591	PSPC1(0)
rs10143426	14	36453969	0.0001653	0.08607	0.0002435	.
5:117586817	5	117586817	0.0001654	0.1622	0.0004018	.
rs2789030	6	121165984	0.0001654	0.1842	0.0004778	.

rs12647093	4	54417351	0.0001656	-0.09847	0.0001236	LNK1(0)
8:56772483	8	56772483	0.0001657	0.1272	0.0002474	LYN(-19.9kb)
8:56772496	8	56772496	0.0001657	0.1272	0.0002474	LYN(-19.89kb)
rs10978978	9	110422510	0.0001658	-0.1062	0.0001403	.
rs11155033	6	100183774	0.0001666	0.09712	0.0004433	.
rs13133197	4	184365355	0.0001667	0.09833	0.0005095	CDKN2AIP(-0.433kb)
15:26563112	15	26563112	0.0001669	-0.1563	0.0005967	.
rs62510678	8	71782602	0.0001669	0.1363	0.0001328	.
rs9389444	6	99958250	0.0001672	0.09886	0.000182	USP45(0)
rs61877031	11	41074658	0.0001674	-0.1137	0.0001055	.
rs1362466	2	207055356	0.0001676	-0.1689	0.0001389	GPR1(0)
rs674151	6	100036128	0.0001677	0.09809	0.0002078	PRDM13(-18.52kb) CCNC(+19.44kb)
rs17863264	7	126916131	0.0001677	-0.1159	0.0001934	.
rs12113245	7	49637461	0.0001677	-0.0806	0.000182	.
rs12113253	7	49637526	0.0001677	-0.0806	0.000182	.
13:27673026	13	27673026	0.0001681	0.3657	0.0004429	USP12(0)
15:26553244	15	26553244	0.0001681	-0.1588	0.0005807	.
rs473634	6	100128266	0.0001681	0.09736	0.0005124	.
rs17617422	5	155317252	0.0001683	0.1004	0.0003764	.
rs11947333	4	157355693	0.0001684	-0.07925	0.0003111	.
rs58280445	1	33890277	0.0001686	-0.1398	0.0001035	.
rs4938014	11	113264521	0.0001692	0.1266	0.0002708	DRD2(-15.79kb) ANKK1(0)
rs7924701	11	74364038	0.0001692	-0.09987	0.000151	POLD3(+10.27kb)
rs9651761	11	74365594	0.0001692	-0.09987	0.000151	POLD3(+11.83kb)
rs9651762	11	74365650	0.0001692	-0.09987	0.000151	POLD3(+11.88kb)
rs10219407	11	4962933	0.0001696	-0.1264	0.0004135	OR51G1(+17.36kb) OR51A2(-13.07kb)
rs883426	7	126912138	0.0001698	-0.1155	0.0002048	GRM8(+19.71kb)
rs11563670	7	126913475	0.0001698	-0.1155	0.0002048	.
6:85349126	6	85349126	0.0001699	0.2446	0.0001447	.
rs6656834	1	61913991	0.00017	0.3643	0.0001867	NFIA(0)
rs6684071	1	61914112	0.00017	0.3643	0.0001867	NFIA(0)
rs940287	9	110437175	0.00017	0.08602	0.0002256	.
rs7278774	21	27172002	0.0001701	-0.1324	0.0001931	.
21:27172291	21	27172291	0.0001701	-0.1324	0.0001931	.
rs2275964	21	27173997	0.0001701	-0.1324	0.0001931	.
rs644980	6	100038025	0.0001703	0.09806	0.0002128	PRDM13(-16.62kb)
3:173339048	3	173339048	0.0001706	-0.1237	0.0002222	NLGN1(0)
4:56169358	4	56169358	0.0001706	0.1606	0.0002873	.
rs9385360	6	125315514	0.000171	-0.1118	0.000177	RNF217(0)
rs17804166	18	48123811	0.0001713	0.08746	0.0003009	MAPK4(0)
rs903004	8	71775259	0.0001713	0.1363	0.0001284	.
2:86663981	2	86663981	0.0001715	0.3902	0.0008557	JMJD1A(-4.372kb)
rs1864798	15	27318312	0.0001719	0.1002	0.0001349	.
rs9366007	6	166732338	0.0001719	0.08923	0.000175	SFT2D1(-1.177kb) PRR18(+10.47kb)
rs1861179	12	4303181	0.000172	-0.08027	0.0003592	.
rs1631451	11	30349133	0.0001721	-0.09226	0.000149	C11orf46(0)
rs1467863	22	22513398	0.0001723	0.1173	0.0001824	.

rs4436578	11	113306765	0.0001726	0.1253	0.0001858	DRD2(0)
rs9552000	13	20344704	0.0001726	-0.1196	0.0002832	PSPC1(0)
rs9552001	13	20346122	0.0001726	-0.1196	0.0002832	PSPC1(0)
rs8110509	19	30981639	0.0001728	-0.09531	0.0001516	ZNF536(0)
rs11616229	13	20311240	0.0001729	-0.1202	0.0002622	PSPC1(0)
rs7669860	4	131364190	0.0001733	0.09021	0.0003686	.
rs61950584	13	20368298	0.0001741	-0.1197	0.0002854	PSPC1(+11.21kb)
rs214566	6	18270644	0.0001741	0.1227	0.0003119	DEK(+5.845kb)
rs330864	6	100010166	0.0001743	0.09765	0.0002346	CCNC(0)
rs9508876	13	20330610	0.0001744	-0.1202	0.0002743	PSPC1(0)
rs1523780	9	110425532	0.0001747	-0.1121	0.0001406	.
rs4964848	12	129632179	0.0001748	-0.0908	0.0002624	TMEM132D(0)
rs334582	5	31364138	0.0001748	0.1095	0.0001699	.
rs330821	6	100041975	0.0001748	0.0982	0.0002156	PRDM13(-12.67kb)
rs7797631	7	36572766	0.0001748	0.1383	0.000288	AOAH(0)
rs3786791	19	31026875	0.000175	-0.09352	0.000078	ZNF536(0)
rs6117263	20	6429964	0.0001751	0.07886	0.0000961	.
rs10763238	10	57458517	0.0001753	-0.07969	0.0001674	.
rs13148311	4	190303994	0.0001753	0.1421	0.0001109	.
rs58599202	7	139945298	0.0001754	0.1295	0.0002139	.
rs56008946	21	27148867	0.0001759	-0.1465	0.0002028	GABPA(+4.096kb)
rs1413594	6	125303483	0.0001764	-0.1091	0.0002323	RNF217(-1.03kb)
rs330848	6	100022121	0.0001767	0.09783	0.00022	CCNC(+5.431kb)
rs330850	6	100023574	0.0001767	0.09783	0.00022	CCNC(+6.884kb)
rs330861	6	100029028	0.0001767	0.09783	0.00022	CCNC(+12.34kb)
rs28363570	1	171080733	0.0001782	0.2783	0.000269	FMO3(0)
rs9506372	13	20332340	0.0001783	-0.09711	0.0004658	PSPC1(0)
2:144373501	2	144373501	0.0001785	0.329	0.0003974	ARHGAP15(0)
rs330817	6	100038805	0.0001786	0.09779	0.0002216	PRDM13(-15.84kb)
rs330818	6	100038843	0.0001786	0.09779	0.0002216	PRDM13(-15.81kb)
rs62569572	9	110435464	0.0001788	-0.09753	0.0002386	.
rs930828	8	38326404	0.0001789	0.0802	0.0002505	FGFR1(+0.052kb)
rs1888161	9	116699278	0.0001789	0.07906	0.00049	ZNF618(0)
rs6906931	6	101402904	0.0001791	0.1503	0.000265	.
rs35947111	9	110454833	0.0001792	0.08019	0.0002154	.
rs4514450	11	74370956	0.0001793	-0.1002	0.0001831	POLD3(+17.19kb)
rs35277671	6	100182889	0.0001794	0.09697	0.0004855	.
rs214565	6	18270789	0.0001796	0.121	0.0003025	DEK(+5.99kb)
rs7745012	6	99921822	0.0001797	0.09643	0.0002228	USP45(0)
rs12996547	2	602036	0.0001798	0.08282	0.000162	.
rs7751600	6	85395868	0.00018	0.1885	0.0002231	.
rs1916497	10	57462975	0.0001801	-0.08047	0.0001498	.
rs7933770	11	74366909	0.0001806	-0.1008	0.0001606	POLD3(+13.14kb)
rs6001142	22	22512579	0.0001807	0.1119	0.0002304	.
rs2900569	9	116689905	0.0001811	0.0791	0.0005115	ZNF618(0)
rs391870	16	79246535	0.0001816	-0.07834	0.000204	WWOX(0)
rs12865117	13	20347451	0.000182	-0.1192	0.0002993	PSPC1(0)

rs12872099	13	20350760	0.000182	-0.1192	0.0002993	PSPC1(0)
9:18395838	9	18395838	0.000182	-0.1087	0.0002655	.
rs12488022	3	145681925	0.0001822	-0.08178	0.0002744	.
rs17863258	7	126898852	0.0001824	-0.1148	0.000216	GRM8(+6.424kb)
15:26547588	15	26547588	0.0001825	-0.1474	0.0006497	.
4:165439705	4	165439705	0.0001833	-0.1879	0.0001775	.
rs3861387	6	124330721	0.0001835	0.1144	0.0000975	NKAIN2(0)
rs17689636	8	71820248	0.0001835	0.1391	0.0001543	.
rs2926706	8	71165929	0.0001837	0.09143	0.0003266	NCOA2(0)
rs11159016	14	73861261	0.0001841	-0.0989	0.0004788	NUMB(0)
rs10978989	9	110434871	0.0001842	-0.09744	0.0002462	.
rs17345027	2	104599821	0.0001845	-0.1108	0.0002743	.
rs5757117	22	22513721	0.0001847	0.1115	0.0002528	.
rs5757122	22	22514245	0.0001847	0.1115	0.0002528	.
rs2012176	14	99525417	0.0001849	0.1057	0.0002631	.
rs1407659	6	164074983	0.000185	-0.196	0.0001361	.
rs1407660	6	164075094	0.000185	-0.196	0.0001361	.
rs9495551	6	100236326	0.0001853	0.09567	0.0004078	.
8:71768849	8	71768849	0.0001853	0.135	0.0001402	.
rs62510671	8	71770641	0.0001853	0.135	0.0001402	.
rs7012538	8	71773058	0.0001853	0.135	0.0001402	.
rs62510676	8	71779427	0.0001853	0.135	0.0001402	.
rs62510684	8	71788031	0.0001853	0.135	0.0001402	.
8:71792521	8	71792521	0.0001853	0.135	0.0001402	.
rs6991910	8	71793795	0.0001853	0.135	0.0001402	.
rs62510686	8	71797587	0.0001853	0.135	0.0001402	.
rs62510689	8	71802287	0.0001853	0.135	0.0001402	.
rs62510690	8	71804310	0.0001853	0.135	0.0001402	.
rs62510691	8	71805404	0.0001853	0.135	0.0001402	.
8:71807396	8	71807396	0.0001853	0.135	0.0001402	.
rs62510692	8	71808802	0.0001853	0.135	0.0001402	.
8:71809222	8	71809222	0.0001853	0.135	0.0001402	.
rs62510693	8	71809755	0.0001853	0.135	0.0001402	.
rs55812661	8	71810582	0.0001853	0.135	0.0001402	.
rs56770064	8	71811750	0.0001853	0.135	0.0001402	.
rs17689379	8	71811922	0.0001853	0.135	0.0001402	.
rs17767598	8	71812542	0.0001853	0.135	0.0001402	.
rs62510697	8	71813079	0.0001853	0.135	0.0001402	.
rs62510699	8	71814063	0.0001853	0.135	0.0001402	.
rs62510700	8	71814692	0.0001853	0.135	0.0001402	.
rs60473871	8	71815161	0.0001853	0.135	0.0001402	.
rs60712412	8	71816329	0.0001853	0.135	0.0001402	.
rs17689525	8	71818623	0.0001853	0.135	0.0001402	.
rs62510706	8	71818740	0.0001853	0.135	0.0001402	.
rs17689648	8	71821115	0.0001853	0.135	0.0001402	.
rs62506882	8	71822219	0.0001853	0.135	0.0001402	.
rs17689672	8	71822383	0.0001853	0.135	0.0001402	.

rs62506884	8	71824658	0.0001853	0.135	0.0001402	.
rs62506885	8	71826064	0.0001853	0.135	0.0001402	.
rs62506887	8	71831353	0.0001853	0.135	0.0001402	.
rs62506888	8	71831389	0.0001853	0.135	0.0001402	.
rs58970266	8	71831566	0.0001853	0.135	0.0001402	.
rs60988842	8	71831723	0.0001853	0.135	0.0001402	.
rs7862557	9	75117118	0.0001854	-0.07845	0.0002861	TMC1(-19.6kb)
2:142777214	2	142777214	0.0001855	0.1943	0.0000921	LRP1B(0)
rs1219396	11	121760604	0.0001856	-0.08712	0.0001682	.
rs10903683	10	2183307	0.0001861	0.07744	0.0002474	.
5:127112768	5	127112768	0.0001862	0.2658	0.000404	.
rs1582259	7	126891893	0.0001864	-0.09805	0.0003766	GRM8(0)
rs7974356	12	129624443	0.0001866	-0.09332	0.0003114	TMEM132D(0)
rs2146464	6	164075611	0.0001867	-0.1959	0.0001362	.
rs2654891	1	242673109	0.0001869	-0.09703	0.0002237	PLD5(0)
rs17222916	19	31029328	0.000187	-0.1058	0.00015	ZNF536(0)
rs7829445	8	71590604	0.0001872	0.1352	0.0001398	XKR9(0) LACTB2(+9.212kb)
rs17687694	8	71594216	0.0001872	0.1352	0.0001398	XKR9(0) LACTB2(+12.82kb)
rs62533067	8	71595220	0.0001872	0.1352	0.0001398	XKR9(0) LACTB2(+13.83kb)
8:71598192	8	71598192	0.0001872	0.1352	0.0001398	XKR9(0) LACTB2(+16.8kb)
rs12352417	9	18393763	0.0001872	-0.1067	0.0003043	.
rs60530514	21	27166699	0.0001874	-0.1396	0.0002398	.
rs12988195	2	207043728	0.0001875	-0.1799	0.0002995	NDUFS1(+19.54kb) GPR1(0) EEF1B2(
rs2279827	3	113952103	0.000189	-0.08297	0.00033	ZNF80(-1.376kb)
rs4126709	13	20297346	0.0001896	-0.09711	0.0005028	PSPC1(0)
rs34415191	13	20334407	0.0001897	-0.1195	0.0002965	PSPC1(0)
rs11945922	4	35590139	0.0001899	-0.1018	0.000331	.
rs7070623	10	57438188	0.0001901	-0.07903	0.000145	.
rs10794864	10	2182085	0.0001904	0.07682	0.0002775	.
rs1169032	14	36249574	0.0001904	-0.08527	0.0004014	GARNL1(0)
rs10047672	13	20266301	0.000191	-0.09645	0.0005405	PSPC1(-10.71kb) MPHOSPH8(+19.66k
rs10864734	1	230422210	0.0001913	-0.08363	0.0001358	GALNT2(+4.264kb)
rs4756214	11	35365938	0.0001917	0.07935	0.0001809	SLC1A2(0)
rs9508885	13	20351246	0.0001917	-0.0977	0.0004558	PSPC1(0)
rs57497833	8	71832853	0.0001918	0.1347	0.0001457	.
rs62506892	8	71834565	0.0001918	0.1347	0.0001457	.
8:71834997	8	71834997	0.0001918	0.1347	0.0001457	.
rs62506893	8	71835037	0.0001918	0.1347	0.0001457	.
rs2329584	5	27483129	0.0001926	0.08088	0.000261	.
rs11694427	2	208259170	0.0001931	-0.09239	0.0000894	.
rs2206047	1	25194700	0.0001932	0.07995	0.0002567	.
rs10199707	2	134870080	0.0001932	-0.08245	0.0001919	.
rs1536965	9	116707207	0.0001933	0.07787	0.0005021	ZNF618(0)
rs4709002	6	164075240	0.0001934	-0.1954	0.0001426	.
rs6903828	6	99665310	0.0001936	-0.09068	0.0001635	.
rs59031227	21	27155245	0.0001942	-0.1306	0.0001903	GABPA(+10.47kb)
rs10914692	1	33832933	0.0001943	-0.1595	0.000222	PHC2(0)

rs1466792	12	42126988	0.0001943	-0.09204	0.000272	.
rs4711037	6	22907994	0.0001944	0.1071	0.000363	.
8:71719716	8	71719716	0.0001944	0.1346	0.0001469	.
rs4255165	8	71720578	0.0001944	0.1346	0.0001469	.
rs62508824	8	71724772	0.0001944	0.1346	0.0001469	.
8:71725930	8	71725930	0.0001944	0.1346	0.0001469	.
8:71725966	8	71725966	0.0001944	0.1346	0.0001469	.
rs62508831	8	71732765	0.0001944	0.1346	0.0001469	.
rs62508832	8	71733031	0.0001944	0.1346	0.0001469	.
rs41331944	8	71736073	0.0001944	0.1346	0.0001469	.
rs17688987	8	71738304	0.0001944	0.1346	0.0001469	.
rs17689052	8	71740243	0.0001944	0.1346	0.0001469	.
rs17767184	8	71743616	0.0001944	0.1346	0.0001469	.
rs720322	8	71748143	0.0001944	0.1346	0.0001469	.
rs62510662	8	71753407	0.0001944	0.1346	0.0001469	.
rs62510663	8	71754487	0.0001944	0.1346	0.0001469	.
8:71756311	8	71756311	0.0001944	0.1346	0.0001469	.
rs62510664	8	71757374	0.0001944	0.1346	0.0001469	.
rs330829	6	100045810	0.0001946	0.1016	0.000251	PRDM13(-8.839kb)
rs2178131	3	84054848	0.000195	-0.1434	0.0002893	.
rs4964875	12	129625001	0.0001951	-0.0896	0.0002672	TMEM132D(0)
rs12235793	9	110432715	0.0001952	-0.09781	0.0002523	.
rs4939639	18	48129226	0.0001959	-0.08009	0.0002185	MAPK4(0)
rs9376188	6	99918660	0.000196	0.09661	0.0002374	USP45(0)
rs12684911	9	85478557	0.0001961	-0.0794	0.0004946	.
21:27152806	21	27152806	0.0001962	-0.1304	0.0001937	GABPA(+8.035kb)
rs2340311	13	20363986	0.0001963	-0.1187	0.0003334	PSPC1(+6.903kb)
rs61580118	7	139948364	0.0001964	0.1265	0.0002541	.
rs7867998	9	116710546	0.0001966	0.07842	0.0004989	ZNF618(0)
rs1840882	8	71627722	0.0001971	0.1347	0.0001511	XKR9(0)
rs10798252	1	171156431	0.000198	0.07898	0.0001168	FMO2(0)
rs1023818	13	69727042	0.000198	0.08827	0.0003524	.
rs7843471	8	5952081	0.000198	-0.08924	0.0006857	.
rs7127630	11	74369889	0.0001981	-0.09934	0.0001689	POLD3(+16.12kb)
rs12672363	7	55907992	0.0001981	-0.1234	0.0003691	sep/14(0)
rs7998948	13	20373628	0.0001983	-0.1195	0.0003052	PSPC1(+16.55kb)
rs9506380	13	20374233	0.0001983	-0.1195	0.0003052	PSPC1(+17.15kb)
rs620791	6	100019358	0.0001983	0.09649	0.0003048	CCNC(+2.668kb)
rs9886796	9	21121917	0.0001987	-0.0766	0.0007209	IFNW1(-18.71kb)
rs11806072	1	171156997	0.0001988	0.0795	0.0001193	FMO2(0)
rs16869386	5	39883968	0.0001991	-0.1059	0.0002675	.
rs58175176	7	66889789	0.0001991	0.08045	0.0002803	.
rs10899016	11	74332201	0.0001994	-0.09908	0.000175	POLD3(0)
rs9551990	13	20303529	0.0001994	-0.09644	0.0005222	PSPC1(0)
rs12554278	9	85485681	0.0001996	-0.07884	0.0005627	.
rs10817536	9	116701038	0.0001997	0.07783	0.000571	ZNF618(0)
rs17051005	4	131313198	0.0002001	0.0887	0.0003196	.

rs12345493	9	110422291	0.0002001	-0.1049	0.000152	.
rs2967223	5	40017635	0.0002005	-0.1063	0.0002555	.
rs35189176	9	116674608	0.0002006	0.07858	0.0005293	ZNF618(0)
rs4979258	9	110463168	0.000201	0.07924	0.000249	.
rs62530771	8	71601252	0.0002012	0.1343	0.0001527	XKR9(0) LACTB2(+19.86kb)
rs62530774	8	71602344	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530776	8	71606235	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530786	8	71612471	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530788	8	71615447	0.0002012	0.1343	0.0001527	XKR9(0)
rs60740657	8	71616929	0.0002012	0.1343	0.0001527	XKR9(0)
8:71617848	8	71617848	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530791	8	71618094	0.0002012	0.1343	0.0001527	XKR9(0)
rs59475699	8	71621716	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530813	8	71625536	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530814	8	71626953	0.0002012	0.1343	0.0001527	XKR9(0)
rs1840881	8	71627607	0.0002012	0.1343	0.0001527	XKR9(0)
8:71628096	8	71628096	0.0002012	0.1343	0.0001527	XKR9(0)
rs55738144	8	71632326	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530820	8	71633257	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530821	8	71633391	0.0002012	0.1343	0.0001527	XKR9(0)
8:71639767	8	71639767	0.0002012	0.1343	0.0001527	XKR9(0)
rs2198916	8	71643342	0.0002012	0.1343	0.0001527	XKR9(0)
8:71644023	8	71644023	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530832	8	71647360	0.0002012	0.1343	0.0001527	XKR9(0)
rs62530845	8	71647437	0.0002012	0.1343	0.0001527	XKR9(0)
8:71689891	8	71689891	0.0002012	0.1343	0.0001527	.
rs62508768	8	71691529	0.0002012	0.1343	0.0001527	.
rs62508769	8	71692238	0.0002012	0.1343	0.0001527	.
rs62508772	8	71692738	0.0002012	0.1343	0.0001527	.
rs62508773	8	71692966	0.0002012	0.1343	0.0001527	.
rs62508775	8	71693896	0.0002012	0.1343	0.0001527	.
rs62508776	8	71694535	0.0002012	0.1343	0.0001527	.
rs62508778	8	71695205	0.0002012	0.1343	0.0001527	.
rs4424298	8	71698079	0.0002012	0.1343	0.0001527	.
rs62508782	8	71698507	0.0002012	0.1343	0.0001527	.
rs7461395	8	71698882	0.0002012	0.1343	0.0001527	.
rs10504482	8	71700599	0.0002012	0.1343	0.0001527	.
rs61687485	8	71706434	0.0002012	0.1343	0.0001527	.
rs62508816	8	71710194	0.0002012	0.1343	0.0001527	.
rs11154871	6	99920126	0.0002016	0.09656	0.0002408	USP45(0)
rs34353991	6	99921206	0.0002016	0.09656	0.0002408	USP45(0)
rs9508797	13	31130539	0.0002017	-0.1246	0.0002681	.
rs12188954	5	39894335	0.0002017	-0.1056	0.0002459	.
rs9506371	13	20332182	0.0002018	-0.09643	0.0005186	PSPC1(0)
rs11563669	7	126921532	0.000202	-0.1142	0.0002319	.
rs1105886	4	41611575	0.0002035	-0.09047	0.0001985	LIMCH1(0)
rs10817541	9	116722391	0.0002035	0.07799	0.000637	ZNF618(0)

8:13633895	8	13633895	0.0002036	0.1548	0.0002889	.
rs4936194	11	133392555	0.0002041	0.1172	0.0005554	OPCML(0)
rs4936195	11	133392702	0.0002041	0.1172	0.0005554	OPCML(0)
rs10914694	1	33841283	0.0002043	-0.158	0.0002259	PHC2(+0.089kb)
rs6684564	1	33891131	0.0002044	-0.1353	0.0001545	.
rs665355	5	31371619	0.0002047	0.1091	0.0002036	.
rs7981042	13	31130986	0.0002049	-0.1244	0.000272	.
rs12857167	13	20414822	0.0002051	-0.1191	0.0003381	ZMYM5(0)
rs10891545	11	113258065	0.0002053	0.119	0.0003367	ANKK1(-0.447kb)
rs6861054	5	40892204	0.0002053	0.0799	0.0005828	C7(-17.39kb)
8:13627211	8	13627211	0.0002055	0.2175	0.0001302	.
rs12241146	10	93005884	0.0002058	0.189	0.00024	PCGF5(0)
21:27158123	21	27158123	0.0002063	-0.1298	0.000216	GABPA(+13.35kb)
4:131400290	4	131400290	0.0002063	0.08882	0.0003618	.
rs1506188	5	40018284	0.0002063	-0.1063	0.0002607	.
rs7675819	4	41613341	0.0002065	-0.09032	0.0002138	LIMCH1(0)
rs953180	5	40031255	0.0002065	-0.1068	0.0002531	.
rs7934321	11	74310679	0.0002066	-0.0991	0.0001862	POLD3(0)
rs9551987	13	20289306	0.0002067	-0.1177	0.0003346	PSPC1(0)
rs1506170	5	40002766	0.0002068	-0.1062	0.0002482	.
rs10903681	10	2175613	0.0002071	0.07622	0.000293	.
rs4987094	11	113215923	0.0002071	0.1376	0.0003977	TTC12(0)
rs347675	17	74275160	0.0002074	0.129	0.0003054	QRICH2(0) FAM100B(+7.785kb)
7:139943222	7	139943222	0.0002074	0.1276	0.0002425	.
rs10836376	11	35366551	0.0002075	0.07853	0.0001945	SLC1A2(0)
rs9551975	13	20257703	0.0002075	-0.09656	0.0005517	PSPC1(-19.3kb) MPHOSPH8(+11.06kb)
rs1858776	7	126903303	0.0002076	-0.1136	0.0002562	GRM8(+10.88kb)
rs7032602	9	110463371	0.0002081	0.07958	0.000286	.
rs10982017	9	116722693	0.0002082	0.078	0.0006364	ZNF618(0)
2:86756914	2	86756914	0.0002086	0.2967	0.0007072	VPS24(0)
3:47554937	3	47554937	0.0002086	-0.2348	0.0002723	TMEM103(0)
rs330852	6	100023604	0.0002086	0.09698	0.0002642	CCNC(+6.914kb)
rs11751947	6	100206333	0.0002088	0.09658	0.0004728	.
rs1176717	11	113855342	0.0002092	-0.09274	0.0005374	HTR3A(0)
rs9551944	13	20234519	0.0002093	-0.1235	0.0004022	MPHOSPH8(0)
rs9551950	13	20236083	0.0002093	-0.1235	0.0004022	MPHOSPH8(0)
rs1605845	4	131320912	0.0002093	0.08835	0.0003415	.
rs10487475	7	126919592	0.0002093	-0.1139	0.000243	.
rs28384814	1	171218592	0.0002094	0.2351	0.0002034	FMO1(0)
rs10120815	9	85479417	0.0002096	-0.0785	0.0005548	.
rs6592578	11	74364527	0.0002099	-0.09848	0.0002018	POLD3(+10.76kb)
rs10805091	4	41620334	0.0002103	-0.08964	0.0002029	LIMCH1(0)
rs8134202	21	27151431	0.0002106	-0.1298	0.0002087	GABPA(+6.66kb)
rs61215375	21	27151640	0.0002106	-0.1298	0.0002087	GABPA(+6.869kb)
rs7495414	15	55740080	0.0002109	-0.08429	0.0002823	DYX1C1(0)
rs7299514	12	129626602	0.0002113	-0.09078	0.0003379	TMEM132D(0)
rs59047561	15	27312339	0.0002114	0.09636	0.0001671	.

rs6592576	11	74326821	0.0002115	-0.0987	0.000186	POLD3(0)
rs41523048	6	125344513	0.0002119	-0.1508	0.0001774	RNF217(0)
rs10912475	1	171135764	0.0002121	0.07852	0.0001272	FMO2(-18.62kb)
rs7984626	13	20324212	0.0002122	-0.1197	0.0003271	PSPC1(0)
rs4916758	5	88908319	0.0002123	0.1701	0.0003749	.
rs6592575	11	74323006	0.0002124	-0.09811	0.0002207	POLD3(0)
rs1324479	1	33903807	0.0002125	-0.1352	0.0001482	.
rs10816557	9	110452761	0.0002126	-0.1007	0.0004367	.
rs2939382	5	39996666	0.0002127	-0.1058	0.0002469	.
rs7516983	1	33897445	0.000213	-0.1345	0.000157	.
rs10914713	1	33898497	0.000213	-0.1345	0.000157	.
rs3862671	18	48130861	0.0002131	-0.07858	0.0002457	MAPK4(0)
rs2218003	18	48127996	0.0002132	-0.07939	0.000199	MAPK4(0)
rs2789032	6	121170309	0.0002133	0.1669	0.000517	.
rs16869364	5	39851551	0.0002137	-0.1048	0.0002617	.
rs10937859	4	7776143	0.0002138	0.1306	0.0003974	AFAP1(0)
rs17137601	15	27312543	0.0002144	0.09622	0.0001711	.
15:27313922	15	27313922	0.0002144	0.09622	0.0001711	.
rs10149442	14	73837051	0.0002146	-0.09675	0.0005603	NUMB(0)
13:99849629	13	99849629	0.0002147	-0.1339	0.0003482	UBAC2(-3.533kb)
13:99849973	13	99849973	0.0002147	-0.1339	0.0003482	UBAC2(-3.189kb)
rs9400337	6	110202303	0.0002147	-0.07602	0.0002617	.
rs9400338	6	110202342	0.0002147	-0.07602	0.0002617	.
rs10798240	1	171136436	0.0002148	0.07841	0.0001298	FMO2(-17.95kb)
rs1765139	11	30353725	0.0002149	-0.09243	0.000168	C11orf46(0)
rs4932550	15	92070982	0.0002151	0.07746	0.0003305	.
rs7278741	21	27953157	0.0002151	0.1189	0.0002137	CYYR1(+7.576kb)
rs7279134	21	27953614	0.0002151	0.1189	0.0002137	CYYR1(+8.033kb)
rs4944931	11	74371366	0.0002155	-0.09857	0.0001937	POLD3(+17.6kb)
rs17705416	19	35966584	0.0002156	0.09876	0.0003448	KRTDAP(-11.64kb)
rs28561458	19	35966656	0.0002156	0.09876	0.0003448	KRTDAP(-11.57kb)
rs7359274	15	26552034	0.0002165	-0.1452	0.0007737	.
4:56163658	4	56163658	0.0002165	0.1573	0.0003694	.
rs6850709	4	56163804	0.0002165	0.1573	0.0003694	.
4:56163914	4	56163914	0.0002165	0.1573	0.0003694	.
4:56163923	4	56163923	0.0002165	0.1573	0.0003694	.
4:56163962	4	56163962	0.0002165	0.1573	0.0003694	.
rs28887180	4	56164725	0.0002165	0.1573	0.0003694	.
rs28887809	4	56164775	0.0002165	0.1573	0.0003694	.
4:56164971	4	56164971	0.0002165	0.1573	0.0003694	.
4:56165079	4	56165079	0.0002165	0.1573	0.0003694	.
4:56166037	4	56166037	0.0002165	0.1573	0.0003694	.
4:56166125	4	56166125	0.0002165	0.1573	0.0003694	.
4:56166451	4	56166451	0.0002165	0.1573	0.0003694	.
4:56168974	4	56168974	0.0002165	0.1573	0.0003694	.
4:56169091	4	56169091	0.0002165	0.1573	0.0003694	.
4:56169260	4	56169260	0.0002165	0.1573	0.0003694	.

4:56169285	4	56169285	0.0002165	0.1573	0.0003694	.
4:56169506	4	56169506	0.0002165	0.1573	0.0003694	.
rs6820809	4	56169604	0.0002165	0.1573	0.0003694	.
rs6826004	4	56169625	0.0002165	0.1573	0.0003694	.
rs6843323	4	56169775	0.0002165	0.1573	0.0003694	.
rs10740623	10	57461145	0.0002169	-0.07843	0.0002108	.
2:201636955	2	201636955	0.0002171	-0.1395	0.0005118	.
rs575965	6	100122621	0.000218	0.1006	0.0004934	.
rs9506357	13	20258405	0.0002181	-0.09452	0.0005671	PSPC1(-18.6kb) MPHOSPH8(+11.77kb)
rs685202	5	31383849	0.0002187	0.1086	0.0002358	RNASEN(-16.75kb)
2:142782510	2	142782510	0.0002188	0.1892	0.0001234	LRP1B(0)
rs16847942	2	142783143	0.0002188	0.1892	0.0001234	LRP1B(0)
rs4945787	6	108050222	0.0002188	0.1077	0.0003509	SCML4(0)
rs6995996	8	71654364	0.0002188	0.1339	0.0001578	XKR9(+6.187kb)
rs41517045	8	71654499	0.0002188	0.1339	0.0001578	XKR9(+6.322kb)
rs62532060	8	71656540	0.0002188	0.1339	0.0001578	XKR9(+8.363kb)
rs62532064	8	71659715	0.0002188	0.1339	0.0001578	XKR9(+11.54kb)
rs62532065	8	71660827	0.0002188	0.1339	0.0001578	XKR9(+12.65kb)
8:71662053	8	71662053	0.0002188	0.1339	0.0001578	XKR9(+13.88kb)
8:71664444	8	71664444	0.0002188	0.1339	0.0001578	XKR9(+16.27kb)
rs55804609	8	71665250	0.0002188	0.1339	0.0001578	XKR9(+17.07kb)
rs60481777	8	71669498	0.0002188	0.1339	0.0001578	.
rs62532102	8	71670448	0.0002188	0.1339	0.0001578	.
8:71670554	8	71670554	0.0002188	0.1339	0.0001578	.
rs62532103	8	71673249	0.0002188	0.1339	0.0001578	.
8:71674028	8	71674028	0.0002188	0.1339	0.0001578	.
rs17760831	8	71675252	0.0002188	0.1339	0.0001578	.
rs17688183	8	71675487	0.0002188	0.1339	0.0001578	.
rs62532105	8	71676562	0.0002188	0.1339	0.0001578	.
rs62532106	8	71677688	0.0002188	0.1339	0.0001578	.
rs62532107	8	71678122	0.0002188	0.1339	0.0001578	.
rs62532108	8	71679663	0.0002188	0.1339	0.0001578	.
rs7000503	8	71688332	0.0002188	0.1339	0.0001578	.
rs7851696	9	137779091	0.0002188	0.1228	0.0001786	FCN2(0)
rs12864385	13	20322861	0.0002192	-0.1183	0.0003433	PSPC1(0)
rs7992944	13	20364909	0.0002194	-0.118	0.0003739	PSPC1(+7.826kb)
rs2137597	3	111421805	0.0002196	-0.1342	0.0003185	PLCXD2(0)
rs4769847	13	31125662	0.0002199	-0.1252	0.0003182	.
3:47556691	3	47556691	0.0002199	-0.2379	0.0003049	TMEM103(+1.492kb)
rs1982846	4	157349848	0.0002199	-0.07799	0.0003823	.
rs482396	6	100019957	0.0002201	0.09585	0.0002804	CCNC(+3.267kb)
rs485009	6	100020197	0.0002201	0.09585	0.0002804	CCNC(+3.507kb)
rs179367	6	100020322	0.0002201	0.09585	0.0002804	CCNC(+3.632kb)
rs12331990	4	131314946	0.0002204	0.08808	0.0003546	.
rs7277384	21	27164577	0.0002206	-0.1293	0.0002312	GABPA(+19.81kb)
rs12497279	3	175041503	0.0002207	-0.09795	0.0002928	NAALADL2(0)
rs10817537	9	116701094	0.0002207	0.07712	0.000608	ZNF618(0)

rs7761517	6	125298340	0.000221	-0.1068	0.0002887	RNF217(-6.173kb)
rs4993705	7	66887759	0.0002212	0.08038	0.0003589	.
rs458412	5	31371262	0.0002213	0.1082	0.0002086	.
rs465438	5	31371273	0.0002213	0.1082	0.0002086	.
rs6054259	20	6430159	0.0002215	0.07749	0.0001225	.
rs56861483	4	35591020	0.0002216	-0.09987	0.0003712	.
rs10149071	14	73851627	0.0002219	-0.09685	0.0006024	NUMB(0)
rs59339011	5	39930616	0.000222	-0.105	0.0002588	.
rs6909951	6	166758198	0.0002221	0.08884	0.0002092	SFT2D1(+2.207kb)
rs1975301	18	48102654	0.0002226	0.08574	0.0003704	MAPK4(0)
rs2969969	18	48102665	0.0002226	0.08574	0.0003704	MAPK4(0)
rs17001377	21	27167993	0.0002226	-0.129	0.0002356	.
rs1723652	7	109719099	0.0002227	0.09987	0.000197	.
rs1446378	13	69728606	0.0002228	0.08721	0.0003713	.
1:181032603	1	181032603	0.0002229	0.1093	0.0005586	MR1(+7.97kb)
rs6432345	2	13042180	0.0002233	-0.1491	0.0002582	.
6:110583474	6	110583474	0.0002233	-0.2197	0.0002177	C6orf186(0)
rs6490482	13	20296553	0.0002234	-0.09619	0.0005854	PSPC1(0)
rs8134513	21	27086916	0.0002237	-0.1431	0.0003319	JAM2(0) ATP5J(-9.874kb)
rs2579823	2	124921648	0.0002245	0.1721	0.0001261	CNTNAP5(0)
rs6534797	4	131349218	0.000225	0.08778	0.0003781	.
rs855852	1	64351149	0.0002252	0.1583	0.0001187	ROR1(0)
rs134214	22	35526635	0.0002253	-0.07966	0.0002672	.
rs13200647	6	99906175	0.0002253	0.09555	0.0002866	USP45(0)
rs12639716	4	131311210	0.0002254	-0.08349	0.0002447	.
rs11099050	4	131311218	0.0002254	-0.08349	0.0002447	.
rs10759254	9	110451637	0.0002255	-0.1004	0.0004399	.
rs4840055	6	99956029	0.0002258	0.09628	0.0002802	USP45(0)
rs2597856	8	56782960	0.0002259	0.1222	0.0002807	LYN(-9.425kb)
rs6944218	7	139946607	0.0002264	0.1258	0.0002763	.
rs17057479	6	97619803	0.0002269	-0.2837	0.0001035	C6orf167(0)
rs4979296	9	116671125	0.0002273	-0.07697	0.0006531	ZNF618(0)
rs7080110	10	2178515	0.0002274	0.07561	0.0003229	.
rs17051013	4	131338188	0.0002282	0.08775	0.000384	.
rs8134533	21	27151711	0.0002287	-0.1291	0.0002284	GABPA(+6.94kb)
rs10825582	10	57469270	0.0002289	-0.07739	0.0002279	.
rs10162678	15	26558576	0.0002293	-0.1375	0.0005218	.
rs4264368	15	26559326	0.0002293	-0.1375	0.0005218	.
rs4581350	10	57441944	0.0002296	-0.07769	0.0002098	.
rs2893662	10	57442289	0.0002296	-0.07769	0.0002098	.
rs1717775	11	30350254	0.0002299	-0.09198	0.0002328	C11orf46(0)
rs4993700	7	66887924	0.00023	0.07928	0.0003464	.
rs486881	6	100006244	0.0002302	0.09552	0.0002948	CCNC(0)
rs515259	6	100007023	0.0002302	0.09552	0.0002948	CCNC(0)
rs182791	6	100008089	0.0002302	0.09552	0.0002948	CCNC(0)
rs330868	6	100012955	0.0002302	0.09552	0.0002948	CCNC(0)
rs330872	6	100016240	0.0002302	0.09552	0.0002948	CCNC(0)

rs559790	6	100018656	0.0002302	0.09552	0.0002948	CCNC(+1.966kb)
rs13230746	7	8461747	0.0002305	-0.1344	0.0005281	NXP1(-11.84kb)
rs9551940	13	20232569	0.0002306	-0.1222	0.000457	MPHOSPH8(0)
rs2909950	5	151886147	0.0002308	-0.07883	0.000282	.
rs10794867	10	2182923	0.000231	0.07598	0.0003119	.
5:117588378	5	117588378	0.0002311	0.1694	0.0006803	.
rs62510685	8	71794265	0.0002314	0.1337	0.0001682	.
rs9792647	9	110421778	0.0002321	-0.1049	0.0002153	.
rs62309562	4	131295952	0.0002322	0.08808	0.0004125	.
rs846976	6	108041205	0.0002325	0.1088	0.0003749	SCML4(0)
rs6913978	6	49783943	0.0002326	0.0913	0.000234	CRISP1(-18.04kb)
rs2493154	1	230886470	0.0002329	-0.08751	0.0003162	CAPN9(0)
rs8043115	15	55726752	0.000233	-0.08355	0.0003107	DYX1C1(0)
rs16935312	11	41074546	0.0002332	-0.111	0.0001425	.
4:56174453	4	56174453	0.0002333	0.1665	0.0002978	.
rs10736948	10	2181683	0.0002336	0.07562	0.0003213	.
rs1324876	10	9664299	0.0002339	0.07799	0.000199	.
4:17259823	4	17259823	0.000234	0.1917	0.0002932	.
5:39923085	5	39923085	0.0002341	-0.1046	0.0002721	.
rs12982715	19	29550537	0.0002346	0.1778	0.0005117	.
rs12529982	6	169738308	0.0002348	-0.1062	0.0003949	.
rs7145566	14	105170221	0.0002349	-0.1412	0.0001592	INF2(0) C14orf151(0)
rs12958595	18	7962696	0.0002351	0.08434	0.0002681	PTPRM(0)
rs34877061	6	100212405	0.0002353	0.09632	0.0005324	.
rs10085216	6	100265859	0.0002353	0.07791	0.0005553	.
rs7120069	11	74325388	0.0002354	-0.09806	0.0002141	POLD3(0)
rs4840054	6	99941530	0.0002354	0.0958	0.0003035	USP45(0)
8:71544197	8	71544197	0.0002355	0.1682	0.0002352	LACTB2(-5.293kb)
rs1946314	9	21132495	0.0002355	0.07765	0.0006541	IFNW1(-8.135kb)
21:27124132	21	27124132	0.0002356	-0.1274	0.0002498	GABPA(0) ATP5J(+16.17kb)
21:27126409	21	27126409	0.0002356	-0.1274	0.0002498	GABPA(0) ATP5J(+18.44kb)
rs7106984	11	74369359	0.0002357	-0.09806	0.0002058	POLD3(+15.59kb)
rs9529524	13	69730451	0.000236	0.08694	0.0004211	.
rs11033086	11	35373380	0.0002362	0.07812	0.0002148	SLC1A2(0)
rs2290812	13	20249421	0.0002362	-0.1215	0.0004332	MPHOSPH8(+2.781kb)
rs11154737	6	99634156	0.0002362	-0.08877	0.0002165	.
rs6908264	6	86053710	0.0002363	0.07813	0.0006807	.
rs2224595	6	86060623	0.0002363	0.07813	0.0006807	.
rs1322409	6	86061420	0.0002363	0.07813	0.0006807	.
8:71576356	8	71576356	0.0002364	0.1438	0.0002108	XKR9(-5.243kb) LACTB2(0)
rs2210552	10	2177832	0.0002365	0.07542	0.0003513	.
rs4863817	4	131354468	0.0002369	0.08415	0.0003393	.
rs10978990	9	110435124	0.0002369	-0.09616	0.0003096	.
rs58275387	15	27323185	0.0002373	0.09542	0.000208	.
rs4944916	11	74322040	0.0002374	-0.09963	0.0001759	POLD3(0)
rs1467859	22	22513063	0.0002377	0.1093	0.0003135	.
rs59429724	5	88996335	0.0002377	0.1679	0.0004063	.

rs10817532	9	116680136	0.0002377	0.07715	0.0006768	ZNF618(0)
rs10482969	21	27137698	0.000238	-0.1274	0.0002492	GABPA(0)
rs11701994	21	27140568	0.000238	-0.1274	0.0002492	GABPA(0)
rs7276647	21	27141292	0.000238	-0.1274	0.0002492	GABPA(0)
rs11746528	5	88825558	0.0002382	0.1721	0.0002415	.
10:87897434	10	87897434	0.0002385	-0.2437	0.0006758	GRID1(0)
10:87897627	10	87897627	0.0002385	-0.2437	0.0006758	GRID1(0)
9:110435331	9	110435331	0.0002385	-0.09577	0.0003199	.
rs2046853	12	83923848	0.0002386	0.1835	0.0003196	.
rs7768909	6	125283630	0.0002386	-0.1074	0.0002702	.
rs7753232	6	99961212	0.000239	0.09502	0.0002848	USP45(0)
rs12605800	18	59701010	0.0002391	0.0896	0.0005875	PIGN(-10.45kb)
rs7680687	4	54413571	0.0002394	-0.09709	0.0001802	LNX1(0)
rs7998125	13	99865366	0.0002404	-0.1327	0.0003812	UBAC2(0)
13:99868857	13	99868857	0.0002404	-0.1327	0.0003812	UBAC2(0)
rs1020077	18	48122517	0.0002408	-0.07816	0.0003266	MAPK4(0)
rs17137597	15	27312197	0.0002412	0.09603	0.0001961	.
rs4579341	6	22920427	0.0002414	0.1059	0.0003935	.
rs1509436	4	131314154	0.0002415	0.0875	0.0003869	.
rs1509435	4	131314574	0.0002415	0.0875	0.0003869	.
rs28417249	4	131315769	0.0002415	0.0875	0.0003869	.
rs28373777	4	131315922	0.0002415	0.0875	0.0003869	.
rs6837274	4	131316094	0.0002415	0.0875	0.0003869	.
rs6836983	4	131316199	0.0002415	0.0875	0.0003869	.
rs62309570	4	131316548	0.0002415	0.0875	0.0003869	.
rs10018613	4	131318368	0.0002415	0.0875	0.0003869	.
rs639488	6	100003394	0.0002417	0.09516	0.0003063	CCNC(0)
rs517333	6	100004086	0.0002417	0.09516	0.0003063	CCNC(0)
rs9355572	6	166732650	0.0002417	0.0866	0.0002406	SFT2D1(-0.865kb) PRR18(+10.78kb)
rs17121454	12	59159829	0.0002418	0.1985	0.0003783	.
12:59160261	12	59160261	0.0002418	0.1985	0.0003783	.
4:56165387	4	56165387	0.0002418	0.161	0.0004113	.
rs7853127	9	116680692	0.0002419	-0.07762	0.0006899	ZNF618(0)
rs9450243	6	86051876	0.0002423	0.07804	0.0006884	.
rs7030075	9	579035	0.0002423	0.08736	0.0004338	KANK1(0)
rs6918901	6	166734193	0.0002424	0.08653	0.0002438	SFT2D1(0) PRR18(+12.32kb)
rs7787388	7	139948026	0.0002425	0.1246	0.0003033	.
rs35164807	13	20376612	0.0002426	-0.1177	0.0003707	PSPC1(+19.53kb)
rs35420795	13	20379929	0.0002426	-0.1177	0.0003707	.
rs58019386	8	71704286	0.0002426	0.132	0.0001871	.
rs62508810	8	71704914	0.0002426	0.132	0.0001871	.
rs6991276	8	71799384	0.0002426	0.1423	0.0002137	.
rs11201892	10	87888332	0.0002429	-0.2437	0.0006676	GRID1(0)
rs13128571	4	36091844	0.0002429	0.1219	0.000589	CENTD1(0)
rs3754494	1	171153364	0.000243	0.07773	0.0001422	FMO2(-1.023kb)
6:101417004	6	101417004	0.000243	0.196	0.0002993	.
rs6913140	6	110197907	0.0002432	-0.07455	0.000309	.

rs4769903	13	20338643	0.0002433	-0.1176	0.0003746	PSPC1(0)
rs59718907	21	27951277	0.0002434	0.1181	0.0002408	CYYR1(+5.696kb)
rs7919961	10	93037824	0.0002437	0.1725	0.0003583	PCGF5(0)
13:20412611	13	20412611	0.0002439	-0.1163	0.0004018	ZMYM5(0)
rs4148189	2	44047530	0.0002439	0.1149	0.0002245	DYNC2L1(+10.38kb) ABCG8(-18.57k
rs9321565	6	99943328	0.0002442	0.09566	0.0003052	USP45(0)
rs9321566	6	99943332	0.0002442	0.09566	0.0003052	USP45(0)
rs7545923	1	171148721	0.0002446	0.07775	0.0001414	FMO2(-5.666kb)
rs3783037	13	20436598	0.0002448	-0.1168	0.0004027	ZMYM5(0)
15:27313978	15	27313978	0.0002449	0.09625	0.0001868	.
15:27314032	15	27314032	0.0002449	0.09625	0.0001868	.
rs1433969	11	74278433	0.000245	-0.1009	0.0001701	.
rs736617	18	48117216	0.000245	-0.0781	0.0003376	MAPK4(0)
rs13103457	4	36091915	0.000245	0.1213	0.0005061	CENTD1(0)
rs2278938	4	186836629	0.0002452	0.07764	0.0002584	SORBS2(0)
rs7910223	10	2179721	0.0002453	0.07558	0.0003245	.
rs6570130	6	99970055	0.0002454	0.09522	0.0002973	USP45(+6.803kb)
rs4945840	6	110193742	0.0002457	-0.07449	0.0003487	.
rs7111273	11	74370231	0.0002461	-0.09803	0.0002183	POLD3(+16.47kb)
rs2236410	1	181018236	0.0002464	0.1139	0.0005834	MR1(0)
rs11743866	5	88826167	0.000247	0.1716	0.00025	.
rs11747610	5	88826811	0.000247	0.1716	0.00025	.
rs6592568	11	74275894	0.0002471	-0.1011	0.0001697	.
rs4627114	11	74299818	0.0002472	-0.09855	0.0002078	POLD3(-3.81kb)
rs28411052	4	131313785	0.0002472	0.08741	0.0003961	.
rs7942698	11	35363078	0.0002473	0.07762	0.00023	SLC1A2(0)
rs2183360	9	110462650	0.0002473	0.07759	0.0003123	.
rs1023228	13	20260800	0.0002475	-0.1198	0.0004573	PSPC1(-16.21kb) MPHOSPH8(+14.16k
rs2685480	10	110622053	0.0002476	0.08145	0.0003588	.
rs1004046	19	30992639	0.0002481	-0.08909	0.0000992	ZNF536(0)
rs4418226	6	110196011	0.0002481	-0.07402	0.0003336	.
rs4418227	6	110196025	0.0002481	-0.07402	0.0003336	.
7:113537793	7	113537793	0.0002482	0.2063	0.000486	PPP1R3A(0)
rs7720486	5	88989352	0.0002487	0.1677	0.0004103	.
rs2029108	5	88990017	0.0002487	0.1677	0.0004103	.
rs12211254	6	99928694	0.0002487	0.09509	0.0002868	USP45(0)
rs12211598	6	99929263	0.0002487	0.09509	0.0002868	USP45(0)
rs6934517	6	99934104	0.0002487	0.09509	0.0002868	USP45(0)
rs6940360	6	99934940	0.0002487	0.09509	0.0002868	USP45(0)
rs2181687	6	99935975	0.0002487	0.09509	0.0002868	USP45(0)
rs4840053	6	99938929	0.0002487	0.09509	0.0002868	USP45(0)
5:88994955	5	88994955	0.0002489	0.1677	0.0004096	.
rs4357374	9	85495552	0.0002489	-0.07723	0.000616	.
rs10141031	14	73773609	0.000249	-0.09824	0.0006547	NUMB(0)
rs5757121	22	22514162	0.0002491	0.1093	0.0003414	.
8:71766667	8	71766667	0.0002501	0.1409	0.0001988	.
rs519721	6	100003307	0.0002503	0.09489	0.0003139	CCNC(0)

rs55971068	8	71571057	0.0002503	0.1434	0.0001979	XKR9(-10.54kb) LACTB2(0)
rs10516188	4	7778623	0.0002508	0.1292	0.0004572	AFAP1(0)
rs9356476	6	166730499	0.0002515	0.08924	0.0002589	SFT2D1(-3.016kb) PRR18(+8.628kb)
rs4896619	6	125281126	0.0002518	-0.1061	0.0002718	.
rs7336522	13	99844521	0.0002524	-0.1328	0.0004129	UBAC2(-8.641kb)
rs7336659	13	99844541	0.0002524	-0.1328	0.0004129	UBAC2(-8.621kb)
rs4769071	13	20351548	0.0002526	-0.09566	0.0006205	PSPC1(0)
8:13657068	8	13657068	0.0002534	0.2425	0.0002295	.
15:26552334	15	26552334	0.0002535	-0.1503	0.0008814	.
rs350026	5	40183268	0.0002539	-0.1092	0.0003828	.
rs1981695	11	22924004	0.0002541	-0.09798	0.0003196	.
rs7991143	13	99797929	0.0002542	-0.1338	0.0003507	.
rs1334421	6	125290718	0.0002543	-0.107	0.0003323	RNF217(-13.79kb)
rs2493153	1	230886191	0.0002545	-0.0874	0.0003447	CAPN9(0)
rs8093819	18	59698876	0.0002548	0.08953	0.0006837	PIGN(-12.58kb)
13:99807710	13	99807710	0.0002549	-0.1364	0.0003629	.
rs857614	6	100074901	0.0002549	0.09243	0.0004602	PRDM13(+11.45kb)
rs4944056	11	74368420	0.0002551	-0.09761	0.000218	POLD3(+14.65kb)
rs4944930	11	74368441	0.0002551	-0.09761	0.000218	POLD3(+14.68kb)
rs7126957	11	74369375	0.0002551	-0.09761	0.000218	POLD3(+15.61kb)
18:57425892	18	57425892	0.0002552	-0.2961	0.0004619	.
4:149452717	4	149452717	0.0002552	0.1483	0.0002204	.
rs928265	21	27121792	0.0002553	-0.1262	0.0002666	GABPA(0) ATP5J(+13.83kb)
rs6908689	6	99665546	0.0002556	-0.08865	0.00022	.
rs927354	9	85477598	0.0002556	-0.07738	0.0006463	.
rs7852839	9	85479683	0.0002556	-0.07738	0.0006463	.
rs8128535	21	27122451	0.0002557	-0.1267	0.000273	GABPA(0) ATP5J(+14.49kb)
6:100212668	6	100212668	0.0002557	0.09558	0.0006293	.
rs5757106	22	22511467	0.0002561	0.1089	0.0003641	.
rs9806268	15	55762530	0.0002562	-0.08428	0.0002837	DYX1C1(0)
11:22931393	11	22931393	0.0002563	-0.0979	0.0003174	.
rs7707481	5	88999109	0.0002564	0.1674	0.0004193	.
rs12290536	11	133459873	0.0002568	-0.0979	0.0005671	.
rs7122810	11	74360635	0.000257	-0.09711	0.0002329	POLD3(+6.87kb)
rs4944928	11	74367587	0.000257	-0.09777	0.0002328	POLD3(+13.82kb)
rs10496376	2	104593478	0.0002571	-0.09873	0.0007237	.
rs1381817	2	20179220	0.0002572	-0.1354	0.0004111	WDR35(0) MATN3(-12.59kb)
rs10763247	10	57482438	0.0002573	-0.07668	0.0002546	.
rs8000172	13	20374851	0.0002575	-0.1172	0.0003984	PSPC1(+17.77kb)
rs9506383	13	20384447	0.0002575	-0.1172	0.0003984	.
rs2720262	3	127315788	0.0002577	0.07649	0.000215	MCM2(-1.464kb) GPR175(+16.51kb)
rs6464620	7	139945539	0.0002577	0.1245	0.0003226	.
rs733296	11	22936579	0.0002579	-0.09817	0.0002897	.
rs6510166	19	31036994	0.000258	-0.09634	0.0001536	ZNF536(0)
rs2829903	21	27140758	0.0002583	-0.1267	0.0002725	GABPA(0)
rs6820240	4	131308861	0.0002583	0.08718	0.0004386	.
rs12875931	13	37199316	0.0002592	0.1034	0.000126	.

rs17074718	13	31131615	0.0002594	-0.1256	0.0003852	.
rs4860998	4	41619643	0.0002597	-0.088	0.0002524	LIMCH1(0)
rs34839608	8	14413843	0.0002597	-0.1067	0.0005045	SGCZ(0)
rs1544102	9	116723488	0.0002598	0.07702	0.0007258	ZNF618(0)
4:56163563	4	56163563	0.0002601	0.1548	0.0004372	.
rs10905591	10	9662979	0.0002602	0.07722	0.0002242	.
rs10794865	10	2182120	0.0002605	0.07516	0.0003437	.
11:22984279	11	22984279	0.0002609	-0.0977	0.0003023	.
rs58263911	7	139948484	0.0002609	0.1287	0.0003751	.
rs2817973	6	121169133	0.000261	0.165	0.0006311	.
rs6054251	20	6427132	0.0002612	0.07667	0.0001563	.
rs6569406	6	125285123	0.0002612	-0.1065	0.0002967	RNF217(-19.39kb)
rs34631183	7	66888875	0.0002612	0.07844	0.0003799	.
rs4994698	7	66889564	0.0002613	0.07877	0.0003567	.
rs4994697	7	66889594	0.0002613	0.07877	0.0003567	.
rs59091915	7	66889838	0.0002613	0.07877	0.0003567	.
rs58259719	7	66889885	0.0002613	0.07877	0.0003567	.
rs80731	22	35526571	0.0002614	-0.07826	0.0002821	.
rs11676226	2	236514769	0.0002615	-0.0777	0.0001809	CENTG2(0)
rs10816543	9	110422723	0.0002616	-0.1034	0.000212	.
7:36583690	7	36583690	0.0002622	0.1313	0.0004017	AOAH(0)
rs7327482	13	20290126	0.0002624	-0.1161	0.0003877	PSPC1(0)
rs10506328	12	54687232	0.0002625	-0.0776	0.0003338	NFE2(0) HNRNPA1(+8.202kb) CBX5(+
4:56162868	4	56162868	0.0002629	0.1545	0.0004473	.
4:56162958	4	56162958	0.0002629	0.1545	0.0004473	.
4:56163024	4	56163024	0.0002629	0.1545	0.0004473	.
4:56163163	4	56163163	0.0002629	0.1545	0.0004473	.
4:56163391	4	56163391	0.0002629	0.1545	0.0004473	.
18:67894387	18	67894387	0.0002632	-0.268	0.0004916	.
rs3855369	18	48131043	0.0002633	-0.07794	0.0002809	MAPK4(0)
rs12783538	10	129220313	0.0002636	0.08625	0.0003015	.
rs4766273	12	4789554	0.0002649	-0.101	0.0001708	NDUFA9(0)
rs11667331	19	31050571	0.0002652	-0.108	0.0002072	ZNF536(+1.606kb)
3:119113018	3	119113018	0.0002652	-0.1468	0.0002277	CDGAP(0)
rs9400344	6	110241059	0.0002657	0.07992	0.0003898	.
rs11154741	6	99638145	0.0002658	-0.08805	0.0002442	.
rs1176713	11	113860425	0.0002659	-0.09208	0.0006671	HTR3A(0)
rs10964844	9	21112443	0.0002662	-0.07552	0.000939	.
rs512074	5	39867480	0.0002664	-0.09836	0.0003166	.
rs11625294	14	36073568	0.0002668	-0.08274	0.0004273	GARNL1(0)
rs6905366	6	49771994	0.0002675	0.08534	0.0003581	PGK2(+16.99kb)
rs10763222	10	57427515	0.0002676	-0.07631	0.0002368	.
rs994198	6	99960761	0.0002678	0.09437	0.0003141	USP45(0)
rs11033087	11	35374044	0.0002683	0.07752	0.0002456	SLC1A2(0)
rs9508907	13	20398669	0.0002684	-0.1165	0.0004406	ZMYM5(-12.92kb)
rs2926707	8	71164680	0.0002689	0.08304	0.0005077	NCOA2(0)
rs10925958	1	235707557	0.0002691	-0.1263	0.0005756	GNG4(-3.427kb)

rs36014569	6	110199837	0.0002691	-0.07467	0.0003272	.
rs5750612	22	22512799	0.0002692	0.1101	0.0003621	.
12:59162199	12	59162199	0.0002693	0.1967	0.0004306	.
rs10816544	9	110422729	0.0002693	-0.1033	0.0002157	.
rs28864543	13	20186541	0.0002696	-0.1236	0.0004686	.
rs12220954	10	57460136	0.0002698	-0.07743	0.0002893	.
rs45624832	21	27117879	0.0002698	-0.1264	0.0002809	GABPA(0) ATP5J(+9.914kb)
rs3787617	21	27120394	0.0002698	-0.1264	0.0002809	GABPA(0) ATP5J(+12.43kb)
rs9592729	13	71053426	0.0002702	0.09897	0.0002154	.
5:155310375	5	155310375	0.0002705	0.0966	0.0005294	.
rs4074579	11	133454992	0.0002706	-0.09819	0.0005471	.
rs1225141	11	76553850	0.0002706	0.08866	0.000716	PHCA(-18.07kb)
11:4965398	11	4965398	0.0002707	-0.1216	0.0006354	OR51G1(+19.83kb) OR51A2(-10.6kb)
rs9315078	13	20258452	0.0002707	-0.09357	0.0006955	PSPC1(-18.56kb) MPHOSPH8(+11.81k
rs28630954	7	109735910	0.0002708	0.0988	0.0002193	.
8:71839252	8	71839252	0.000271	0.1319	0.0002003	.
rs7522210	1	161927179	0.0002716	0.08412	0.0007222	ATF6(0)
rs10267775	7	130935899	0.0002716	0.1241	0.0000448	.
rs2329648	5	27571144	0.0002717	0.08007	0.0002641	.
rs1989656	1	171212234	0.0002718	0.07718	0.000177	FMO1(-5.428kb)
19:31012711	19	31012711	0.0002722	-0.1108	0.0003885	ZNF536(0)
rs6564273	16	73529777	0.0002723	0.09566	0.0006956	.
rs6824231	4	7776112	0.0002724	0.1285	0.0004907	AFAP1(0)
rs35430913	6	99925555	0.0002726	0.09458	0.0003123	USP45(0)
rs6054252	20	6427177	0.0002728	0.0764	0.0001563	.
rs6054253	20	6427241	0.0002728	0.0764	0.0001563	.
rs1222215	11	30347596	0.0002729	-0.08966	0.0002492	C11orf46(0)
rs1222214	11	30347695	0.0002729	-0.08966	0.0002492	C11orf46(0)
rs12153117	5	88976540	0.0002732	0.1642	0.0004383	.
rs34193534	5	88979374	0.0002732	0.1642	0.0004383	.
rs11931974	4	131309071	0.0002733	0.0868	0.0004457	.
rs6826386	4	131309817	0.0002733	0.0868	0.0004457	.
rs61952881	13	69725744	0.0002734	0.08598	0.0004343	.
rs10031236	4	190298297	0.0002735	0.131	0.0001688	.
rs34886587	8	19119886	0.0002737	-0.2327	0.0004291	.
rs2672263	8	19120228	0.0002737	-0.2327	0.0004291	.
rs2683318	8	19120584	0.0002737	-0.2327	0.0004291	.
rs2791447	9	18393091	0.0002738	-0.1058	0.0004009	.
rs10499025	6	99925771	0.0002739	0.09475	0.0003114	USP45(0)
rs1848884	8	14415171	0.0002739	-0.1063	0.0005292	SGCZ(0)
rs9508908	13	20398742	0.0002744	-0.1158	0.0004496	ZMYM5(-12.85kb)
rs7665114	4	157348672	0.0002747	-0.07652	0.000473	.
rs10004875	4	157350076	0.0002747	-0.07652	0.000473	.
rs10816556	9	110451579	0.0002749	-0.09912	0.000541	.
rs7318682	13	20266130	0.0002753	-0.09401	0.0007073	PSPC1(-10.88kb) MPHOSPH8(+19.49k
rs12520720	5	127137471	0.0002753	0.2664	0.0006009	.
rs7330584	13	20352275	0.0002758	-0.09557	0.0006183	PSPC1(0)

rs9541789	13	69722212	0.0002761	0.08574	0.0004509	.
rs9529519	13	69722321	0.0002761	0.08574	0.0004509	.
rs9529520	13	69722692	0.0002761	0.08574	0.0004509	.
rs9599423	13	69725358	0.0002761	0.08574	0.0004509	.
rs1446379	13	69728322	0.0002761	0.08574	0.0004509	.
rs10835647	11	30313268	0.0002763	-0.08934	0.000247	.
rs9868702	3	84296838	0.0002769	-0.155	0.000459	.
rs7083717	10	57438407	0.0002771	-0.07584	0.0002889	.
rs2392950	10	57439145	0.0002771	-0.07584	0.0002889	.
rs1916511	10	57439327	0.0002771	-0.07584	0.0002889	.
rs11004962	10	57439589	0.0002771	-0.07584	0.0002889	.
rs1916509	10	57439612	0.0002771	-0.07584	0.0002889	.
rs57808867	5	127120041	0.0002771	0.2662	0.0006084	.
rs7729470	5	127130881	0.0002771	0.2662	0.0006084	.
rs9401790	6	125284457	0.0002771	-0.106	0.000312	.
rs5757114	22	22512324	0.0002772	0.1081	0.0003617	.
rs11004952	10	57424125	0.0002773	-0.07668	0.0003181	.
rs17417266	2	104643706	0.0002773	-0.1419	0.0005177	.
rs10763228	10	57441026	0.0002774	-0.07585	0.0002883	.
rs10480737	7	79168005	0.0002775	-0.1582	0.0004825	.
rs9550588	13	20309195	0.0002777	-0.1153	0.0004528	PSPC1(0)
5:34930218	5	34930218	0.0002778	0.1483	0.0001533	RAD1(+11.84kb) DNAJC21(0) BXDC2(
1:171162794	1	171162794	0.0002779	0.2297	0.0002596	FMO2(0)
rs4979297	9	116684219	0.000278	-0.07606	0.0007218	ZNF618(0)
rs17020634	1	207273957	0.0002782	0.1723	0.0003473	PFKFB2(+19.59kb) C4BPA(-3.649kb)
rs16893569	4	16511902	0.0002784	0.07949	0.0004773	LDB2(0)
rs2630213	3	127333832	0.0002786	0.07522	0.0002124	PODXL2(-14.21kb) MCM2(0)
rs11945491	4	131309181	0.0002792	0.08733	0.0004511	.
7:101721548	7	101721548	0.0002794	0.2157	0.0003333	CUX1(0)
rs10122390	9	116685785	0.0002794	-0.07606	0.0007218	ZNF618(0)
rs62309567	4	131307210	0.0002799	0.08671	0.0004758	.
rs1608842	7	109717196	0.0002803	0.09807	0.0002443	.
rs34846444	8	19120978	0.0002804	-0.2323	0.0004389	.
rs973083	5	40017052	0.0002807	-0.1067	0.0003206	.
rs56264929	10	57467168	0.0002809	-0.07609	0.0002782	.
rs909411	11	113854282	0.0002809	-0.09112	0.0007311	HTR3A(0)
rs9552014	13	20417033	0.0002812	-0.1152	0.0004608	ZMYM5(0)
rs9508913	13	20418854	0.0002812	-0.1152	0.0004608	ZMYM5(0)
rs4343122	13	20419029	0.0002812	-0.1152	0.0004608	ZMYM5(0)
rs35634189	13	20425150	0.0002812	-0.1152	0.0004608	ZMYM5(0)
rs9552018	13	20427424	0.0002812	-0.1152	0.0004608	ZMYM5(0)
rs12659482	5	27490785	0.0002812	0.07858	0.0003607	.
rs940288	9	110436996	0.0002812	0.07684	0.0004176	.
21:39022344	21	39022344	0.0002816	-0.1527	0.0004122	KCNJ6(0)
rs12196981	6	99624196	0.0002817	-0.08769	0.0002699	.
rs330812	6	100000485	0.0002818	0.09414	0.0003546	CCNC(0)
rs56149507	7	66890130	0.0002818	0.07839	0.0003887	.

rs1861178	12	4303153	0.0002819	-0.07749	0.0005939	.
rs2340312	13	20363901	0.0002821	-0.09507	0.0006818	PSPC1(+6.818kb)
rs7745109	6	86062044	0.0002822	0.07802	0.0007704	.
rs10805090	4	41620242	0.0002823	-0.08795	0.0002943	LIMCH1(0)
rs28561916	5	88809922	0.0002824	0.1691	0.0002982	.
rs16907792	10	57501054	0.0002828	-0.07598	0.0002874	.
rs4804923	19	30756032	0.0002829	-0.07603	0.0002254	.
rs13017171	2	217761150	0.0002829	0.1796	0.0003988	.
rs12870127	13	20322965	0.0002831	-0.1164	0.0004444	PSPC1(0)
rs1862553	5	39904018	0.0002832	-0.1034	0.0003271	.
rs9550589	13	20310251	0.0002836	-0.1153	0.0004531	PSPC1(0)
rs9552009	13	20397908	0.0002837	-0.1155	0.000463	ZMYM5(-13.68kb)
rs10513566	3	161216244	0.0002838	0.1958	0.0004922	OTOL1(0)
rs2269877	4	7780712	0.0002838	0.1284	0.0005315	AFAP1(0)
rs55722533	5	14024848	0.0002846	-0.07935	0.0001682	.
rs6926881	6	99953624	0.0002847	0.09492	0.000362	USP45(0)
rs9376234	6	99954574	0.0002847	0.09492	0.000362	USP45(0)
2:142779806	2	142779806	0.000285	0.1858	0.0001462	LRP1B(0)
rs28384820	1	171218948	0.0002851	0.2316	0.000263	FMO1(0)
rs7097526	10	129221607	0.0002857	0.08549	0.0003327	.
rs7248666	19	35963194	0.0002858	0.09114	0.0006776	KRTDAP(-15.03kb)
rs7546351	1	230884264	0.0002864	-0.08631	0.0003975	CAPN9(0)
rs10740625	10	57483653	0.0002864	-0.07571	0.0002842	.
rs2397339	6	99940614	0.0002867	0.09451	0.0003616	USP45(0)
rs35199078	13	20301342	0.0002882	-0.1155	0.0004604	PSPC1(0)
rs11948589	5	27544770	0.0002882	0.07783	0.0003511	.
rs6927027	6	101402597	0.0002882	0.1316	0.0004498	.
rs10903682	10	2175664	0.0002884	0.07464	0.0003778	.
10:87904849	10	87904849	0.0002885	-0.2417	0.0008466	GRID1(0)
rs12358799	10	87906206	0.0002885	-0.2417	0.0008466	GRID1(0)
10:87907340	10	87907340	0.0002885	-0.2417	0.0008466	GRID1(0)
rs7947345	11	74354227	0.0002886	-0.09763	0.0002406	POLD3(+0.462kb)
rs10942259	5	27547377	0.0002886	0.07808	0.0003371	.
rs62309568	4	131315579	0.0002887	0.08665	0.0005255	.
rs7822173	8	71829423	0.0002889	0.1299	0.0002762	.
rs1916498	10	57462870	0.0002894	-0.07654	0.0002795	.
rs35468298	11	133390269	0.0002896	0.1002	0.0008617	OPCML(0)
rs10050334	4	131337430	0.0002896	0.08239	0.0003833	.
rs2859767	9	18394317	0.0002897	-0.1031	0.0004452	.
rs10825569	10	57450873	0.00029	-0.07586	0.000284	.
rs2905237	7	113377065	0.0002903	0.1776	0.000619	.
10:87911800	10	87911800	0.0002905	-0.2416	0.0008515	GRID1(0)
rs11004977	10	57462159	0.0002909	-0.07686	0.0002925	.
rs914136	21	30848368	0.0002909	0.3245	0.0005998	.
rs4864977	4	56160599	0.0002909	0.1073	0.0006739	.
rs35172002	5	27476777	0.0002913	0.07877	0.000262	.
rs7001707	8	71229377	0.0002916	0.08878	0.0005363	NCOA2(0)

21:27111913	21	27111913	0.0002918	-0.1262	0.0003036	GABPA(0) ATP5J(+3.948kb)
rs28630021	4	131315854	0.0002922	0.08746	0.0004445	.
rs28647934	4	131315862	0.0002922	0.08746	0.0004445	.
rs6832034	4	157347239	0.0002922	-0.07635	0.0005091	.
rs7689943	4	157350669	0.0002923	-0.07618	0.0005053	.
rs6819662	4	56161536	0.0002923	0.1535	0.0004922	.
rs10938153	4	41612137	0.0002926	-0.08654	0.0003492	LIMCH1(0)
rs1994738	12	19956655	0.0002928	-0.07459	0.0004261	.
rs13118320	4	131306743	0.0002928	-0.08184	0.0003745	.
rs6139985	20	6417028	0.0002931	0.0767	0.0001865	.
rs1222216	11	30346052	0.0002932	-0.08929	0.000264	C11orf46(0)
5:164406328	5	164406328	0.0002932	0.2895	0.0001871	.
rs11214796	11	113854679	0.0002933	-0.09029	0.0007327	HTR3A(0)
6:99936958	6	99936958	0.0002934	0.09409	0.0003412	USP45(0)
rs2032768	12	106297697	0.0002937	-0.08088	0.0003458	.
rs2032767	12	106297710	0.0002937	-0.08088	0.0003458	.
rs11103563	9	137778698	0.0002938	0.1207	0.000264	FCN2(0)
rs330808	6	99994764	0.000294	0.09393	0.0003738	CCNC(0)
rs170710	6	99995053	0.000294	0.09393	0.0003738	CCNC(0)
rs4939991	18	48126014	0.0002942	-0.07913	0.0003075	MAPK4(0)
rs17759625	2	84815684	0.0002942	-0.08368	0.0004651	DNHL1(+3.706kb)
rs6570100	6	99948800	0.0002942	0.09439	0.000379	USP45(0)
rs62508807	8	71703331	0.0002942	0.1317	0.000221	.
rs7029830	9	116681888	0.0002943	0.07721	0.0007392	ZNF618(0)
rs9603074	13	37171620	0.0002945	0.1005	0.0001353	.
rs28653205	4	131315491	0.0002945	0.08717	0.0004315	.
4:157349683	4	157349683	0.0002945	-0.077	0.0005222	.
rs9552016	13	20418554	0.0002947	-0.1155	0.0005014	ZMYM5(0)
rs10000929	4	131297024	0.0002947	0.08645	0.0005262	.
rs4508927	4	41557820	0.000295	-0.09417	0.0004975	LIMCH1(0)
rs12372959	15	27337656	0.0002951	0.08515	0.0003437	.
rs3742147	13	20263014	0.0002952	-0.09352	0.0007831	PSPC1(-13.99kb) MPHOSPH8(+16.37k)
rs10504485	8	71823702	0.0002955	0.1309	0.0002444	.
rs1212252	14	100483356	0.0002958	-0.1644	0.0007142	.
rs12865440	13	20415038	0.0002959	-0.1209	0.000474	ZMYM5(0)
rs1496971	6	99641248	0.0002959	-0.08756	0.0002696	.
rs4303654	19	31035367	0.000296	-0.08701	0.0001103	ZNF536(0)
rs782455	3	127394280	0.0002961	0.07559	0.0002594	PODXL2(+2.628kb) MGLL(-13.63kb)
rs12525432	6	99627125	0.0002965	-0.08734	0.0002818	.
rs12199968	6	99628239	0.0002965	-0.08734	0.0002818	.
rs1566115	6	99632323	0.0002965	-0.08734	0.0002818	.
rs2209157	6	99964012	0.0002965	0.09358	0.0003512	USP45(+0.76kb)
7:130937049	7	130937049	0.0002965	0.123	0.0000511	.
14:73910903	14	73910903	0.0002967	-0.09519	0.0007905	NUMB(0)
rs28582608	5	88810308	0.0002968	0.1685	0.0003121	.
rs548751	1	93560015	0.0002969	0.1496	0.000837	MTF2(0)
rs4382812	10	57463282	0.0002972	-0.07614	0.0002882	.

rs35320132	4	41616187	0.0002973	-0.0874	0.0003245	LIMCH1(0)
rs11952569	5	27499240	0.0002973	0.07773	0.0003555	.
rs12188064	5	27504455	0.0002973	0.07773	0.0003555	.
rs10942256	5	27507229	0.0002973	0.07773	0.0003555	.
rs12656885	5	27508353	0.0002973	0.07773	0.0003555	.
rs2329622	5	27520955	0.0002973	0.07773	0.0003555	.
rs6859925	5	27522176	0.0002973	0.07773	0.0003555	.
rs6878601	5	27522302	0.0002973	0.07773	0.0003555	.
rs12201712	6	99642178	0.0002975	-0.08737	0.0002747	.
rs12215641	6	99642209	0.0002975	-0.08737	0.0002747	.
rs6592581	11	74366514	0.0002976	-0.09653	0.0002631	POLD3(+12.75kb)
rs6592582	11	74366864	0.0002976	-0.09653	0.0002631	POLD3(+13.1kb)
rs4944055	11	74368166	0.0002976	-0.09653	0.0002631	POLD3(+14.4kb)
rs4944929	11	74368205	0.0002976	-0.09653	0.0002631	POLD3(+14.44kb)
rs9389445	6	99959434	0.0002979	0.09427	0.0003523	USP45(0)
rs10225805	7	13911420	0.000298	0.0776	0.000275	ETV1(-19.43kb)
rs1619597	10	59963558	0.0002983	-0.3685	0.0003389	IPMK(0)
rs2227365	19	17006110	0.0002984	0.08006	0.0004272	SIN3B(+14.95kb) F2RL3(+3.28kb) C
rs11154875	6	99923899	0.000299	0.09389	0.0003405	USP45(0)
rs10825570	10	57453495	0.0002992	-0.07552	0.0002892	.
rs10763235	10	57456900	0.0002992	-0.07552	0.0002892	.
rs9917861	4	131312071	0.0002994	0.08684	0.000425	.
rs62318214	4	131399376	0.0002995	0.08612	0.0005504	.
rs1533107	5	118204921	0.0002997	-0.101	0.0004451	DTWD2(0)
rs62508774	8	71693851	0.0003007	0.1441	0.0002679	.
rs1030788	8	64035651	0.0003008	0.0764	0.0003137	.
rs7984483	13	31131084	0.000301	-0.1236	0.0003832	.
rs6948232	7	130006327	0.000301	0.0954	0.0003428	CPA5(0) CPA1(-14.03kb)
rs2418261	9	116721460	0.000301	0.0766	0.0007973	ZNF618(0)
rs56218287	7	48301076	0.0003018	-0.1985	0.0004379	ABCA13(0)
rs7125415	11	113310681	0.000302	0.1331	0.0002561	DRD2(0)
rs9373177	6	99972361	0.0003022	0.0939	0.0003723	USP45(+9.109kb) CCNC(-17.9kb)
rs56183921	7	48289921	0.0003023	-0.1976	0.0004609	ABCA13(0)
rs1467862	22	22513231	0.0003025	0.1081	0.0004185	.
3:47510580	3	47510580	0.0003035	-0.2892	0.0004074	SCAP(0)
rs17451810	5	151901848	0.0003041	-0.08598	0.0004142	.
rs4958554	5	151903294	0.0003041	-0.08598	0.0004142	.
rs59564654	7	36581935	0.0003041	0.1298	0.000464	AOAH(0)
rs10932186	2	208142194	0.0003044	-0.1148	0.0002226	.
rs61850517	10	57465727	0.0003047	-0.07543	0.0003141	.
rs12967548	18	48129197	0.000305	0.08543	0.0005271	MAPK4(0)
rs10007810	4	41554364	0.0003054	-0.09247	0.0005493	LIMCH1(0)
rs9766722	6	99648850	0.0003054	-0.08725	0.000279	.
rs7330985	13	37187088	0.0003057	0.1022	0.0001463	.
rs2196642	18	48129132	0.0003058	-0.07748	0.0003436	MAPK4(0)
rs1437650	18	48129687	0.0003058	-0.07748	0.0003436	MAPK4(0)
rs9294310	6	85435275	0.000306	0.1771	0.0004024	TBX18(-8.881kb)

rs7127628	11	74369884	0.0003062	-0.09632	0.0002706	POLD3(+16.12kb)
rs1324477	1	33900498	0.0003066	-0.133	0.0002234	.
rs994197	6	99960694	0.0003069	0.09356	0.0003652	USP45(0)
rs7766335	6	99966713	0.0003072	0.0935	0.0003752	USP45(+3.461kb)
rs9551994	13	20325160	0.0003073	-0.1164	0.0004808	PSPC1(0)
rs1999531	10	2172881	0.0003074	0.07487	0.0003752	.
rs330807	6	99993742	0.0003074	0.09396	0.0003868	CCNC(0)
1:95680309	1	95680309	0.0003076	-0.3317	0.0001884	RWDD3(-19.4kb)
rs17739186	15	27327169	0.0003077	0.09303	0.0002497	.
5:88800464	5	88800464	0.0003077	0.168	0.000323	.
5:88803949	5	88803949	0.0003077	0.168	0.000323	.
5:88804104	5	88804104	0.0003077	0.168	0.000323	.
5:88809419	5	88809419	0.0003077	0.168	0.000323	.
rs9402856	6	99959410	0.0003078	0.0939	0.0003785	USP45(0)
rs11610394	12	72272519	0.0003081	-0.1325	0.0003545	TBC1D15(0)
rs4916415	1	171151873	0.0003084	0.09615	0.000182	FMO2(-2.514kb)
1:33845658	1	33845658	0.0003087	-0.1365	0.0002301	PHC2(+4.464kb)
rs16869395	5	39900877	0.0003088	-0.1024	0.0003627	.
rs7984366	13	31131185	0.0003089	-0.1204	0.000428	.
rs7872508	9	137778887	0.0003093	0.1202	0.0002755	FCN2(0)
13:99800931	13	99800931	0.0003095	-0.1262	0.0004906	.
rs1176714	11	113855526	0.0003098	-0.09038	0.0007584	HTR3A(0)
rs6933557	6	110246588	0.0003102	0.07551	0.0003094	.
rs62318176	4	131357783	0.0003103	0.08553	0.0005626	.
rs11949258	5	27567478	0.0003103	0.07847	0.0003311	.
rs11666850	19	31040983	0.0003104	-0.1025	0.0002582	ZNF536(0)
rs11671893	19	31041053	0.0003104	-0.1025	0.0002582	ZNF536(0)
rs11778964	8	14411204	0.0003105	-0.1053	0.0006025	SGCZ(0)
rs1933342	11	30312825	0.0003106	-0.08842	0.0002742	.
rs10835648	11	30320506	0.0003106	-0.08842	0.0002742	.
rs7952339	11	30327344	0.0003106	-0.08842	0.0002742	C11orf46(-17.3kb)
rs2211018	11	30330079	0.0003106	-0.08842	0.0002742	C11orf46(-14.57kb)
rs7926465	11	30333016	0.0003106	-0.08842	0.0002742	C11orf46(-11.63kb)
rs1616223	11	30338783	0.0003106	-0.08842	0.0002742	C11orf46(-5.865kb)
rs1765133	11	30339400	0.0003106	-0.08842	0.0002742	C11orf46(-5.248kb)
rs1222221	11	30342738	0.0003106	-0.08842	0.0002742	C11orf46(-1.91kb)
rs1222219	11	30344345	0.0003106	-0.08842	0.0002742	C11orf46(-0.303kb)
rs11617167	13	99871698	0.0003106	-0.1298	0.000495	UBAC2(0)
rs61952882	13	69725803	0.0003113	0.08479	0.0005435	.
rs13194567	6	99922159	0.0003113	0.09358	0.000355	USP45(0)
rs12526314	6	99922476	0.0003113	0.09358	0.000355	USP45(0)
6:99922631	6	99922631	0.0003113	0.09358	0.000355	USP45(0)
rs11154874	6	99923706	0.0003113	0.09358	0.000355	USP45(0)
rs34363219	19	29555886	0.0003114	0.176	0.0006167	.
rs34673926	19	29558849	0.0003114	0.176	0.0006167	.
rs1043909	1	230417371	0.0003115	-0.09027	0.0002067	GALNT2(0)
rs62510687	8	71797955	0.0003116	0.1507	0.0002324	.

rs10825567	10	57450122	0.0003123	-0.07539	0.0003035	.
rs9508880	13	20339540	0.0003123	-0.09381	0.0008311	PSPC1(0)
8:71727846	8	71727846	0.0003124	0.1428	0.0001726	.
rs4280520	20	6418188	0.0003126	0.0758	0.000185	.
15:55715189	15	55715189	0.0003127	-0.08276	0.0003986	DYX1C1(0) CCPG1(+14.62kb)
rs2047098	5	39925723	0.0003128	-0.1035	0.0003477	.
rs12869485	13	20207226	0.000313	-0.1209	0.0005778	MPHOSPH8(-0.653kb)
rs2298004	13	20208232	0.000313	-0.1209	0.0005778	MPHOSPH8(0)
rs9506313	13	20220095	0.0003132	-0.09418	0.000838	MPHOSPH8(0)
rs34292633	6	99908970	0.0003134	0.0935	0.0003815	USP45(0)
rs13214012	6	99909482	0.0003134	0.0935	0.0003815	USP45(0)
rs11154865	6	99910842	0.0003134	0.0935	0.0003815	USP45(0)
rs11154866	6	99911124	0.0003134	0.0935	0.0003815	USP45(0)
rs12524864	6	99625695	0.0003136	-0.08702	0.0003036	.
rs12066963	1	208913083	0.0003137	-0.3089	0.0004109	.
rs4381290	10	57463092	0.0003137	-0.07574	0.0003034	.
rs10825575	10	57463405	0.0003137	-0.07574	0.0003034	.
rs10825576	10	57463834	0.0003137	-0.07574	0.0003034	.
rs12412236	10	57463976	0.0003137	-0.07574	0.0003034	.
rs58442713	21	27154441	0.0003137	-0.128	0.0003382	GABPA(+9.67kb)
rs10825577	10	57464203	0.0003138	-0.07572	0.0003044	.
rs10763244	10	57464443	0.0003138	-0.07572	0.0003044	.
rs2325772	3	84085538	0.0003138	-0.1382	0.0004405	.
rs7990854	13	20364501	0.0003139	-0.1134	0.0006076	PSPC1(+7.418kb)
rs3847619	11	35360747	0.0003141	0.07729	0.0002913	SLC1A2(0)
rs12096504	1	161917749	0.0003142	0.08285	0.0007928	ATF6(0)
rs9508887	13	20356941	0.0003146	-0.09422	0.0007668	PSPC1(0)
rs7250115	19	31033472	0.000315	-0.09555	0.0001882	ZNF536(0)
rs10941482	5	39911417	0.0003151	-0.1024	0.0003596	.
rs12203597	6	7085512	0.0003152	-0.08027	0.0002564	.
rs13212024	6	99913962	0.0003152	0.09351	0.0003792	USP45(0)
rs12875875	13	37199122	0.0003157	0.1019	0.0001533	.
rs59657255	13	99827151	0.0003158	-0.1375	0.0005286	.
5:117597601	5	117597601	0.000316	0.1603	0.0007312	.
rs62510701	8	71814822	0.000316	0.1337	0.000242	.
rs17689776	8	71832012	0.000316	0.1337	0.000242	.
rs5757107	22	22511496	0.0003162	0.1072	0.0004183	.
rs5757110	22	22511588	0.0003162	0.1072	0.0004183	.
rs56769389	3	68382780	0.0003162	-0.1072	0.0004336	FAM19A1(0)
rs2149951	20	6417695	0.0003163	0.07576	0.0001863	.
rs7669579	4	80677313	0.000317	-0.08189	0.0006664	.
rs4594953	6	99654085	0.000317	-0.08704	0.0002844	.
rs13120632	4	190303801	0.0003174	0.1323	0.0001751	.
rs6856773	4	190303957	0.0003174	0.1323	0.0001751	.
rs7828651	8	64043172	0.0003178	0.07606	0.0003583	.
1:95698877	1	95698877	0.0003182	-0.3308	0.0001949	RWDD3(-0.833kb)
rs13166714	5	27539027	0.0003183	0.07734	0.0003778	.

rs6038495	20	6422001	0.0003187	0.07572	0.0001796	.
rs9498418	6	101331838	0.0003189	0.1803	0.0004651	ASCC3(+2.614kb)
rs8007472	14	73796749	0.000319	-0.09494	0.0008175	NUMB(0)
rs7725557	5	27537695	0.0003194	0.0775	0.0004371	.
rs7720738	5	39879402	0.0003198	-0.1057	0.0004124	.
rs17547816	7	48311658	0.0003201	-0.1978	0.0004584	ABCA13(0)
rs10260568	7	130937777	0.0003203	0.1224	0.0000553	.
rs6979264	7	130938585	0.0003203	0.1224	0.0000553	.
rs6979517	7	130938942	0.0003203	0.1224	0.0000553	.
rs12372281	12	59209270	0.0003206	0.1985	0.0008256	.
rs12370599	12	59209434	0.0003206	0.1985	0.0008256	.
rs6570121	6	99968156	0.0003212	0.09317	0.0003843	USP45(+4.904kb)
rs6570125	6	99968319	0.0003212	0.09317	0.0003843	USP45(+5.067kb)
rs7852787	9	116680454	0.0003212	-0.07522	0.000806	ZNF618(0)
rs10496910	2	142778992	0.0003213	0.1849	0.0001688	LRP1B(0)
rs7785114	7	67028881	0.0003217	0.1263	0.0002844	.
12:108050704	12	108050704	0.0003223	0.238	0.0006965	BTBD11(0)
rs544187	20	48107408	0.0003223	-0.1324	0.0003753	PTGIS(-13kb) KCNB1(+8.227kb)
10:93019958	10	93019958	0.0003224	0.1687	0.0004766	PCGF5(0)
rs10941483	5	39915764	0.0003228	-0.1021	0.0003692	.
rs7706413	5	39931389	0.0003228	-0.1021	0.0003692	.
rs11033079	11	35362050	0.0003232	0.07732	0.0002792	SLC1A2(0)
6:49726524	6	49726524	0.0003235	0.1068	0.0004175	.
rs7127499	11	74370022	0.0003237	-0.09645	0.0002788	POLD3(+16.26kb)
rs6054260	20	6430197	0.0003239	0.07546	0.0001869	.
rs1566131	14	52514684	0.0003242	-0.08552	0.0004117	NID2(0)
rs10000587	4	131307410	0.0003242	-0.08065	0.0004794	.
rs11004975	10	57462007	0.0003244	-0.07503	0.0003339	.
1:95717555	1	95717555	0.0003248	-0.3305	0.0001978	RWDD3(+4.774kb)
rs4711038	6	22913709	0.000325	0.104	0.0005186	.
rs4711039	6	22913955	0.000325	0.104	0.0005186	.
rs1566132	14	52511836	0.0003252	-0.08471	0.0004244	NID2(0)
rs1982963	14	52509101	0.0003253	-0.08911	0.0003201	NID2(0)
5:39900570	5	39900570	0.0003254	-0.1021	0.0003788	.
9:137779607	9	137779607	0.0003256	0.1196	0.0002874	FCN2(+0.241kb)
rs11625614	14	73768719	0.0003257	-0.09575	0.0009291	NUMB(0)
rs4840007	6	99649289	0.0003258	-0.08688	0.0002987	.
rs11004976	10	57462081	0.000326	-0.075	0.0003356	.
rs16907692	10	57462296	0.000326	-0.075	0.0003356	.
rs1510295	6	124329313	0.0003261	0.1078	0.000176	NKAIN2(0)
rs4958555	5	151903379	0.0003264	-0.08562	0.0004408	.
rs4916414	1	171151790	0.0003265	0.09555	0.0002113	FMO2(-2.597kb)
rs6887212	5	40894564	0.0003265	0.07719	0.0006123	C7(-15.03kb)
rs9550585	13	20299564	0.0003266	-0.1139	0.0005322	PSPC1(0)
rs7099991	10	2175191	0.0003267	0.07385	0.0004331	.
rs7100116	10	2175248	0.0003267	0.07385	0.0004331	.
rs7100130	10	2175294	0.0003267	0.07385	0.0004331	.

rs7100243	10	2175333	0.0003267	0.07385	0.0004331	.
rs1930653	10	2175719	0.0003267	0.07385	0.0004331	.
rs55772696	13	99876211	0.0003269	-0.1293	0.0005184	UBAC2(0)
rs10235884	7	66891268	0.0003272	0.07762	0.0004517	.
10:72142189	10	72142189	0.0003273	-0.2675	0.0004816	LRRC20(0)
10:72142344	10	72142344	0.0003273	-0.2675	0.0004816	LRRC20(0)
rs35401148	19	29560377	0.0003274	0.1766	0.0006571	.
rs6850470	4	157355122	0.0003277	-0.0756	0.000583	.
rs6976747	7	36575477	0.0003277	0.1296	0.0005003	AOAH(0)
rs1417272	9	85480415	0.0003277	-0.0778	0.0006459	.
rs11155076	6	100226858	0.000328	0.09406	0.0006762	.
rs2645738	14	52513202	0.0003282	-0.08466	0.0004388	NID2(0)
rs12433612	14	62374645	0.0003283	-0.08277	0.0006649	.
rs7248031	19	30753815	0.0003284	-0.07542	0.0002655	.
rs6117261	20	6425158	0.0003285	0.0754	0.0001936	.
rs9550533	13	20190521	0.0003286	-0.1206	0.000607	MPHOSPH8(-17.36kb)
rs4756212	11	35362311	0.0003288	0.07616	0.0003191	SLC1A2(0)
rs1025683	18	48127570	0.0003289	-0.07671	0.0003887	MAPK4(0)
rs17617120	5	155299213	0.000329	0.09591	0.0006652	.
rs4640528	3	111421705	0.0003291	-0.1505	0.0003031	PLCXD2(0)
rs7986224	13	100046745	0.0003293	-0.1288	0.0005025	UBAC2(+8.064kb)
rs130834	22	48815311	0.0003293	0.1519	0.0001661	.
rs12552660	9	86008430	0.0003293	-0.1134	0.0002101	FRMD3(0)
rs11031016	11	30284920	0.0003297	-0.08858	0.0003122	.
rs2392947	10	57486652	0.0003298	-0.0746	0.0004101	.
rs10499032	6	101488697	0.0003298	0.1861	0.0006577	.
rs41263696	1	171180485	0.0003301	0.2255	0.0003108	FMO2(0)
4:178100486	4	178100486	0.0003301	0.3608	0.0003997	.
rs62530460	8	71114795	0.0003303	0.08971	0.0003516	NCOA2(0)
12:58358816	12	58358816	0.0003304	-0.1799	0.0003029	XRCC6BP1(+7.764kb)
rs35596473	13	20196144	0.0003304	-0.1207	0.0005974	MPHOSPH8(-11.73kb)
rs10825586	10	57476871	0.0003305	-0.07492	0.0003282	.
rs1759338	10	59845801	0.0003307	-0.3129	0.0005121	.
rs9317942	13	71048072	0.0003309	0.09929	0.0002782	.
rs16841150	4	7772105	0.0003309	0.1272	0.0006205	AFAP1(0)
4:7772859	4	7772859	0.0003309	0.1272	0.0006205	AFAP1(0)
rs34843205	9	85489320	0.000331	-0.07613	0.0009218	.
rs9508918	13	20440531	0.0003313	-0.114	0.0005359	ZMYM5(+2.758kb)
rs12684512	9	137777504	0.0003313	0.1209	0.0004211	FCN2(0)
rs28670587	4	131315846	0.0003316	0.08643	0.0005016	.
rs1027833	3	78664093	0.0003318	-0.07567	0.0004184	ROBO1(0)
5:39900398	5	39900398	0.000332	-0.1112	0.0003889	.
rs11617048	13	20199716	0.0003322	-0.1205	0.000607	MPHOSPH8(-8.163kb)
rs11618064	13	20199798	0.0003322	-0.1205	0.000607	MPHOSPH8(-8.081kb)
rs3213756	2	50692560	0.0003322	0.07958	0.0003707	NRXN1(0)
rs56097272	5	151899155	0.0003326	-0.08556	0.0004542	.
rs12236704	9	612167	0.0003328	0.08714	0.000422	KANK1(0)

rs10517636	4	157351242	0.0003333	-0.07508	0.0006031	.
rs496529	1	245563442	0.0003343	-0.0774	0.0005234	KIF26B(0)
rs56834750	14	52509483	0.0003344	-0.08408	0.0004776	NID2(0)
rs4901186	14	52509484	0.0003344	-0.08408	0.0004776	NID2(0)
rs3818187	14	52509788	0.0003344	-0.08408	0.0004776	NID2(0)
rs10794861	10	2176676	0.0003345	0.07373	0.0004441	.
rs7093259	10	2176944	0.0003345	0.07373	0.0004441	.
rs975692	10	2177527	0.0003345	0.07373	0.0004441	.
rs7068529	10	2178754	0.0003345	0.07373	0.0004441	.
rs10751850	10	2179157	0.0003345	0.07373	0.0004441	.
rs10751852	10	2179553	0.0003345	0.07373	0.0004441	.
rs7895227	10	2179852	0.0003345	0.07373	0.0004441	.
rs952970	10	2180027	0.0003345	0.07373	0.0004441	.
rs7749230	6	110219431	0.0003348	-0.07329	0.0004043	.
1:171167533	1	171167533	0.0003352	0.2252	0.0003156	FMO2(0)
rs28369878	1	171169400	0.0003352	0.2252	0.0003156	FMO2(0)
rs7130694	11	74370018	0.0003352	-0.09625	0.0002885	POLD3(+16.25kb)
rs1509437	4	131313950	0.0003352	0.08738	0.0005318	.
rs6038497	20	6422103	0.0003353	0.07567	0.0002011	.
rs7900890	10	93015718	0.0003354	0.1704	0.0003803	PCGF5(0)
rs28363558	1	171078978	0.0003356	0.2455	0.000463	FMO3(0)
rs9498408	6	101292340	0.0003358	0.1617	0.00068	ASCC3(0)
rs9390699	6	101306502	0.0003358	0.1617	0.00068	ASCC3(0)
rs1916506	10	57449174	0.0003359	-0.07495	0.0003343	.
rs1916505	10	57449372	0.0003359	-0.07495	0.0003343	.
rs1916504	10	57449404	0.0003359	-0.07495	0.0003343	.
rs1916503	10	57449482	0.0003359	-0.07495	0.0003343	.
rs7328604	13	20230525	0.0003359	-0.1191	0.0005972	MPHOSPH8(0)
rs6912892	6	99972609	0.0003362	0.09321	0.0004086	USP45(+9.357kb) CCNC(-17.65kb)
18:59697152	18	59697152	0.0003363	0.08821	0.0007484	PIGN(-14.3kb)
18:59697258	18	59697258	0.0003363	0.08821	0.0007484	PIGN(-14.2kb)
rs4503314	1	33880813	0.0003368	-0.1296	0.0002493	.
rs10513274	3	145685526	0.0003368	-0.07852	0.0005469	.
rs7126573	11	74369095	0.0003371	-0.09492	0.000362	POLD3(+15.33kb)
rs9386861	6	110235749	0.0003371	0.0784	0.0005122	.
rs9485415	6	101279459	0.0003373	0.1621	0.0006839	ASCC3(0)
rs4289699	7	66887111	0.0003374	0.07804	0.0005189	.
rs28369887	1	171171170	0.0003375	0.2251	0.0003174	FMO2(0)
1:171172096	1	171172096	0.0003375	0.2251	0.0003174	FMO2(0)
rs28369897	1	171173882	0.0003375	0.2251	0.0003174	FMO2(0)
1:171174199	1	171174199	0.0003375	0.2251	0.0003174	FMO2(0)
rs28369910	1	171177703	0.0003375	0.2251	0.0003174	FMO2(0)
rs8009393	14	73839580	0.0003376	-0.09378	0.0008741	NUMB(0)
rs6415092	6	167196263	0.0003377	-0.1067	0.000422	RPS6KA2(0)
rs56365850	7	66888688	0.0003378	0.07714	0.0004775	.
rs6452391	5	27538049	0.0003379	0.07697	0.0004055	.
rs6452392	5	27538108	0.0003379	0.07697	0.0004055	.

8:14029673	8	14029673	0.0003379	0.3184	0.0005123	SGCZ(0)
rs4432342	18	48126505	0.0003382	-0.0766	0.0004015	MAPK4(0)
rs7937232	11	74281910	0.0003383	-0.09829	0.0002445	.
14:54333376	14	54333376	0.0003384	-0.1108	0.0002506	.
rs10940664	5	27556071	0.0003386	0.07706	0.0004031	.
rs7004499	8	71688493	0.0003387	0.1296	0.0002538	.
rs10978979	9	110422678	0.0003387	-0.1041	0.0002389	.
rs10472345	5	40898486	0.0003389	0.07782	0.0007249	C7(-11.11kb)
rs62309569	4	131315673	0.000339	0.0855	0.0005869	.
8:71692872	8	71692872	0.0003391	0.1336	0.0002706	.
rs6899537	6	110187323	0.0003393	-0.07335	0.0004849	.
rs9693405	8	19117102	0.0003394	-0.2312	0.0005328	.
rs11172711	12	59147223	0.0003396	0.1949	0.0004715	.
rs12367975	12	59149234	0.0003396	0.1949	0.0004715	.
rs7040951	9	75130835	0.0003399	-0.0751	0.000481	TMC1(-5.881kb)
rs7682468	4	56170669	0.0003401	0.1528	0.0005566	.
rs7732916	5	27535473	0.0003404	0.07692	0.0004055	.
rs1807692	22	21073122	0.0003405	0.07625	0.0009808	PI4KA(0)
rs10849008	12	4301876	0.0003406	-0.07708	0.0007144	.
rs11618992	13	20215569	0.0003408	-0.1212	0.0005655	MPHOSPH8(0)
rs2021814	13	20214648	0.0003412	-0.1211	0.0005706	MPHOSPH8(0)
rs13173361	5	27557469	0.0003412	0.0769	0.0004048	.
rs10243093	7	55908653	0.0003413	-0.1132	0.0006154	sep/14(0)
rs3853682	18	48131715	0.0003414	-0.07584	0.0004422	MAPK4(0)
1:171161494	1	171161494	0.0003415	0.2248	0.000325	FMO2(0)
rs28369844	1	171161966	0.0003415	0.2248	0.000325	FMO2(0)
1:171165164	1	171165164	0.0003415	0.2248	0.000325	FMO2(0)
11:113320382	11	113320382	0.0003416	0.1573	0.0005917	DRD2(0)
rs912338	6	99945885	0.0003418	0.09336	0.0004365	USP45(0)
rs62465190	7	66890666	0.0003418	0.0775	0.0004939	.
rs7083171	10	2180786	0.000342	0.07362	0.0004546	.
rs13203850	6	110201561	0.0003421	-0.07303	0.0004027	.
rs6027864	20	59428518	0.0003422	0.1143	0.0001846	.
rs13213992	6	7083218	0.0003422	-0.07866	0.0003154	.
rs9684139	4	131346829	0.0003428	0.08536	0.0005427	.
rs9634360	13	20191596	0.0003429	-0.1204	0.0006195	MPHOSPH8(-16.28kb)
17:33924377	17	33924377	0.0003429	-0.2245	0.0005983	PEX12(+18.8kb) AP2B1(0)
rs6481177	10	57476292	0.000343	-0.07475	0.0003272	.
rs12347957	9	110423951	0.000343	-0.1029	0.0002801	.
rs11157981	14	54334390	0.0003433	-0.1107	0.0002538	.
rs3773195	3	78663274	0.0003435	-0.0773	0.0002433	ROBO1(0)
rs7099720	10	57437266	0.0003438	-0.0751	0.0003633	.
rs350086	5	40177604	0.0003439	-0.1064	0.0003357	.
2:201636950	2	201636950	0.0003442	-0.1344	0.0007973	.
rs7934742	11	74311051	0.0003444	-0.09684	0.0003498	POLD3(0)
rs10132830	14	73888847	0.0003445	-0.09361	0.0008505	NUMB(0)
rs28363562	1	171079459	0.0003446	0.2438	0.0004746	FMO3(0)

rs7338462	13	99844797	0.0003446	-0.1302	0.0005534	UBAC2(-8.365kb)
rs6510073	19	30756075	0.0003447	-0.07519	0.0002722	.
rs2758459	9	74996043	0.000345	0.07463	0.0005339	ZFAND5(+15.88kb)
rs12311449	12	86620710	0.0003459	-0.1818	0.0005147	MGAT4C(0)
rs2181305	13	37172599	0.0003459	0.101	0.0001525	.
rs10495607	2	13011705	0.000346	-0.1468	0.0005501	.
2:142774934	2	142774934	0.000346	0.187	0.0001869	LRP1B(0)
rs9375977	6	99637123	0.0003463	-0.0865	0.0003259	.
rs10734405	11	30273750	0.0003467	-0.0888	0.0003233	FSHB(+16.93kb)
2:104607449	2	104607449	0.0003467	-0.107	0.0005388	.
2:104608691	2	104608691	0.0003467	-0.107	0.0005388	.
rs17417022	2	104610147	0.0003467	-0.107	0.0005388	.
rs330813	6	100000890	0.0003468	0.09285	0.0004385	CCNC(0)
rs10862	6	166755975	0.0003473	0.0858	0.0004009	SFT2D1(0)
rs58803643	7	131875268	0.0003473	-0.192	0.000325	PLXNA4(0)
rs4322755	18	48118360	0.0003479	-0.0764	0.0004153	MAPK4(0)
5:88823446	5	88823446	0.0003482	0.167	0.0003505	.
rs16869416	5	39919202	0.0003484	-0.1017	0.0003968	.
rs10805806	5	27541451	0.0003485	0.07691	0.0004179	.
rs12659906	5	27543893	0.0003485	0.07691	0.0004179	.
rs17687068	8	71566706	0.0003489	0.1406	0.0003006	XKR9(-14.89kb) LACTB2(0)
rs11004990	10	57491965	0.0003491	-0.07452	0.0003621	.
rs1423260	5	39901521	0.0003491	-0.1016	0.000402	.
rs27630	16	51990591	0.0003492	0.1652	0.000551	.
rs27371	16	51990722	0.0003492	0.1652	0.000551	.
rs716871	18	48112720	0.0003492	-0.07625	0.0004231	MAPK4(0)
rs1437653	18	48116243	0.0003492	-0.07625	0.0004231	MAPK4(0)
rs458586	5	31371127	0.0003492	0.1048	0.0003262	.
7:48326290	7	48326290	0.0003493	-0.1948	0.0005006	ABCA13(0)
rs12026244	1	240953257	0.0003502	0.07818	0.0005507	RG57(0)
rs7304860	12	54687489	0.0003506	-0.07582	0.0005236	NFE2(0) HNRNPA1(+8.459kb) CBX5(+
rs12518672	5	27496017	0.0003512	0.07673	0.0004183	.
5:151905013	5	151905013	0.0003513	-0.08493	0.0004607	.
rs2892632	6	99629281	0.0003513	-0.08664	0.0003368	.
6:110237352	6	110237352	0.0003517	0.07791	0.0005256	.
rs12047177	1	240953461	0.000352	0.07792	0.0005484	RG57(0)
13:99834199	13	99834199	0.0003526	-0.1294	0.0005744	UBAC2(-18.96kb)
rs11666918	19	31034674	0.0003529	-0.1016	0.0002828	ZNF536(0)
rs12460433	19	31035649	0.0003529	-0.1016	0.0002828	ZNF536(0)
2:104618600	2	104618600	0.0003529	-0.1061	0.00056	.
rs7921670	10	57501198	0.0003531	-0.07513	0.0004598	.
rs7752902	6	99985823	0.0003531	0.09279	0.0004428	CCNC(-4.439kb)
rs7939421	11	35362837	0.0003534	0.07606	0.0003666	SLC1A2(0)
rs60315825	7	79165309	0.0003543	-0.1528	0.0005612	.
rs6472514	8	71195486	0.0003545	0.08749	0.000479	NCOA2(0)
rs60677458	7	131869722	0.0003547	-0.1918	0.0003299	PLXNA4(0)
7:131871569	7	131871569	0.0003547	-0.1918	0.0003299	PLXNA4(0)

rs7724208	5	27528745	0.000355	0.07655	0.000444	.
rs13180380	5	27529696	0.000355	0.07655	0.000444	.
10:21607980	10	21607980	0.0003551	0.1834	0.0002669	.
rs2025195	9	74988340	0.0003552	0.07527	0.0005531	ZFAND5(+8.177kb)
rs11630312	15	92071756	0.0003553	0.07445	0.0004119	.
rs896398	16	8113853	0.0003556	0.07968	0.0007993	.
rs6139990	20	6418645	0.0003562	0.07499	0.0002127	.
rs6139991	20	6418776	0.0003562	0.07499	0.0002127	.
rs6117258	20	6419378	0.0003562	0.07499	0.0002127	.
rs6054239	20	6421173	0.0003562	0.07499	0.0002127	.
rs58172625	5	115418081	0.0003563	-0.1768	0.0005916	COMMD10(-2.645kb)
5:39917970	5	39917970	0.0003567	-0.1073	0.0003916	.
rs4739050	8	64034747	0.0003569	0.07555	0.0004223	.
rs1395161	5	40009259	0.0003571	-0.1034	0.000407	.
rs10473845	5	27536489	0.0003574	0.07663	0.0004313	.
8:71722640	8	71722640	0.0003577	0.1377	0.0002872	.
rs1150220	11	113857886	0.0003579	-0.09072	0.0007941	HTR3A(0)
rs10090582	8	54440206	0.000358	-0.1127	0.0009078	.
rs1544241	18	855264	0.0003594	-0.07348	0.0004543	.
rs7741195	6	110200022	0.0003602	-0.07262	0.0004365	.
rs35418369	6	110201092	0.0003602	-0.07262	0.0004365	.
rs13297790	9	85492781	0.0003603	-0.07569	0.0009896	.
rs12653531	5	27479752	0.0003607	0.07633	0.0003821	.
5:88814359	5	88814359	0.0003608	0.1666	0.0003626	.
rs4311448	5	88820114	0.0003608	0.1666	0.0003626	.
5:88821206	5	88821206	0.0003608	0.1666	0.0003626	.
5:88822590	5	88822590	0.0003608	0.1666	0.0003626	.
rs35469199	7	66888668	0.0003611	0.07682	0.0005004	.
rs12309228	12	86591328	0.0003612	-0.189	0.00052	MGAT4C(0)
rs62318215	4	131401291	0.0003614	0.08524	0.0006464	.
rs10158612	1	181029805	0.000362	0.1052	0.0008447	MR1(+5.172kb)
rs7015641	8	105828756	0.000362	-0.3065	0.0007875	.
rs10825585	10	57472959	0.0003622	-0.0745	0.0003727	.
rs12644937	4	37985106	0.0003623	0.07626	0.0003647	TBC1D1(0)
rs56199929	19	31033240	0.0003625	-0.1012	0.0002957	ZNF536(0)
rs992595	18	48124715	0.0003628	-0.07574	0.0005113	MAPK4(0)
rs6657314	1	171155103	0.0003631	0.0761	0.0002163	FMO2(0)
7:36584875	7	36584875	0.0003633	0.1273	0.0005934	AOAH(0)
rs10473843	5	27529751	0.0003635	0.07648	0.0004565	.
rs1908805	6	99646446	0.0003635	-0.0864	0.0003115	.
rs7818350	8	71270004	0.0003636	0.08721	0.000385	NCOA2(0)
rs13027062	2	217757389	0.0003637	0.18	0.0005347	.
rs56273411	6	85425781	0.0003637	0.1759	0.00047	TBX18(-18.38kb)
18:59697288	18	59697288	0.000364	0.08767	0.0008201	PIGN(-14.17kb)
4:35581236	4	35581236	0.000364	-0.1011	0.0006974	.
4:35581240	4	35581240	0.000364	-0.1011	0.0006974	.
rs17350523	1	171217445	0.0003643	0.07741	0.000255	FMO1(-0.217kb)

rs2057518	6	99980522	0.0003643	0.09287	0.0004306	USP45(+17.27kb) CCNC(-9.74kb)
rs6915889	6	85443856	0.0003645	0.1767	0.0004724	TBX18(-0.3kb)
rs9457205	6	167192399	0.0003647	-0.1084	0.0005036	RPS6KA2(0)
rs871808	9	116698480	0.0003649	0.07529	0.0008347	ZNF618(0)
rs1340453	9	85477109	0.0003653	-0.07929	0.000533	.
4:153229300	4	153229300	0.0003655	0.1748	0.0007273	FBXW7(-13.11kb)
rs10825572	10	57459309	0.0003656	-0.07431	0.0003712	.
rs10763245	10	57464616	0.0003657	-0.0743	0.0003723	.
rs10825578	10	57464774	0.0003657	-0.0743	0.0003723	.
rs1916495	10	57466158	0.0003657	-0.0743	0.0003723	.
rs1916494	10	57466442	0.0003657	-0.0743	0.0003723	.
rs11004983	10	57467891	0.0003657	-0.0743	0.0003723	.
rs1717772	11	30340133	0.0003658	-0.08736	0.0003338	C11orf46(-4.515kb)
rs16887053	6	22912382	0.0003658	0.103	0.0005805	.
rs782431	3	127332011	0.0003668	0.07379	0.00028	PODXL2(-16.03kb) MCM2(0)
rs4429980	6	110206499	0.0003668	-0.0717	0.0004839	.
rs10763236	10	57457514	0.0003669	-0.0743	0.0003722	.
rs3847446	10	57458627	0.0003669	-0.0743	0.0003722	.
rs3858275	10	57458898	0.0003669	-0.0743	0.0003722	.
rs10763241	10	57460588	0.0003669	-0.0743	0.0003722	.
rs7915937	10	57460955	0.0003669	-0.0743	0.0003722	.
rs16841209	4	7782434	0.000367	0.1246	0.0006199	AFAP1(0)
rs56128741	18	40192467	0.0003671	-0.1022	0.0003905	.
rs55967412	18	40192512	0.0003671	-0.1022	0.0003905	.
rs7692843	4	190303369	0.0003671	0.1308	0.0001976	.
rs28405705	7	66888139	0.0003672	0.07646	0.0005272	.
rs12241025	10	129220237	0.0003673	0.08431	0.0004299	.
rs10825579	10	57468511	0.0003674	-0.07429	0.0003724	.
rs10825580	10	57469014	0.0003674	-0.07429	0.0003724	.
rs10825583	10	57469577	0.0003674	-0.07429	0.0003724	.
rs10825584	10	57469774	0.0003674	-0.07429	0.0003724	.
rs11004986	10	57470219	0.0003674	-0.07429	0.0003724	.
rs11082831	18	48113037	0.0003675	-0.07656	0.000479	MAPK4(0)
rs6670502	1	162622751	0.0003676	0.08139	0.0003037	DDR2(0)
rs134211	22	35526007	0.000368	-0.07607	0.0004383	.
rs80729	22	35526206	0.000368	-0.07607	0.0004383	.
rs80730	22	35526281	0.000368	-0.07607	0.0004383	.
rs134212	22	35526465	0.000368	-0.07607	0.0004383	.
rs134213	22	35526478	0.000368	-0.07607	0.0004383	.
10:113508301	10	113508301	0.0003684	0.1995	0.0006529	.
rs9542352	13	71049786	0.0003685	0.09873	0.0003181	.
rs11004954	10	57430517	0.0003686	-0.07468	0.0003849	.
rs735225	4	17251421	0.0003688	0.168	0.0003725	.
rs7922805	10	57430146	0.0003697	-0.07444	0.000358	.
rs7099439	10	2175480	0.0003698	0.07329	0.0004951	.
rs6472523	8	71302692	0.0003699	0.08715	0.000393	NCOA2(0)
rs6925884	6	101406380	0.0003703	0.1281	0.000574	.

rs9386851	6	110187241	0.0003707	-0.07258	0.0005352	.
rs2290810	13	20251791	0.0003711	-0.09331	0.000992	MPHOSPH8(+5.151kb)
1:93784203	1	93784203	0.0003713	0.148	0.0008884	.
rs6881731	5	27561557	0.0003713	0.07639	0.0004427	.
rs60715670	5	27561719	0.0003713	0.07639	0.0004427	.
rs2976188	8	87236844	0.0003713	-0.09869	0.0005015	SLC7A13(0)
1:171077274	1	171077274	0.0003714	0.2419	0.0005015	FMO3(0)
rs28363552	1	171077675	0.0003714	0.2419	0.0005015	FMO3(0)
5:41575541	5	41575541	0.0003717	-0.2579	0.0003477	.
rs6761973	3	141449314	0.0003718	-0.1942	0.0007657	RNF7(-7.736kb)
rs2967210	5	40057381	0.0003719	-0.103	0.0004442	.
rs55636642	6	99647794	0.0003719	-0.08593	0.0003457	.
rs6592580	11	74366458	0.0003723	-0.09488	0.0003286	POLD3(+12.69kb)
rs8095469	18	855317	0.0003723	-0.07505	0.0005742	.
rs13147473	4	36097997	0.0003726	0.1268	0.0008509	CENTD1(0)
rs7577873	2	208133793	0.0003727	-0.1079	0.0002929	.
rs4958550	5	151889813	0.0003727	-0.08675	0.000509	.
rs56050684	5	151890550	0.0003727	-0.08675	0.000509	.
rs6139992	20	6418814	0.0003732	0.07492	0.0002184	.
rs2333136	14	73854376	0.0003733	-0.09313	0.0009475	NUMB(0)
rs10794863	10	2179200	0.0003734	0.07322	0.0004841	.
4:131393816	4	131393816	0.0003735	0.08478	0.0006687	.
rs6038498	20	6422519	0.0003738	0.0746	0.000224	.
rs6139993	20	6422570	0.0003738	0.0746	0.000224	.
rs6054242	20	6422658	0.0003738	0.0746	0.000224	.
rs17677348	8	71197547	0.0003739	0.08747	0.0003822	NCOA2(0)
rs2645750	14	52502792	0.0003745	-0.08633	0.0004711	NID2(0)
rs2645749	14	52502795	0.0003745	-0.08633	0.0004711	NID2(0)
rs9790478	4	7770026	0.0003751	0.1262	0.0007148	AFAP1(0)
rs12570090	10	9710675	0.0003753	0.0741	0.0002854	.
rs34582877	2	217757898	0.0003755	0.1793	0.000561	.
rs9508836	13	20252093	0.000376	-0.09144	0.0009497	MPHOSPH8(+5.453kb)
rs9529755	13	71051627	0.0003768	0.09831	0.000316	.
8:71768611	8	71768611	0.0003771	0.133	0.000291	.
rs61950545	13	20191265	0.0003773	-0.1188	0.0006626	MPHOSPH8(-16.61kb)
rs4993701	7	66887872	0.0003774	0.07626	0.0005445	.
rs11034704	11	4952708	0.0003777	-0.118	0.0008757	OR51G1(+7.139kb) OR51G2(+15.81kb)
rs1023568	2	191515442	0.0003777	-0.07191	0.0007884	NAB1(0)
rs10443921	10	57431860	0.0003778	-0.07426	0.0004111	.
rs7520777	1	171216717	0.0003779	0.07838	0.0002592	FMO1(-0.945kb)
rs56044017	5	151663784	0.0003784	-0.101	0.0007289	.
rs58519059	11	78708421	0.0003788	-0.08001	0.0005069	ODZ4(0)
rs11620518	13	99887570	0.0003792	-0.1277	0.0005886	UBAC2(0) GPR18(-19.4kb)
rs11936239	4	35580550	0.0003794	-0.09692	0.0006553	.
1:171147601	1	171147601	0.0003798	0.2692	0.0004888	FMO2(-6.786kb)
rs4769908	13	20365786	0.0003798	-0.09326	0.0008934	PSPC1(+8.703kb)
rs926268	1	171151991	0.0003803	0.07535	0.0002245	FMO2(-2.396kb)

rs11673135	19	31044844	0.0003803	-0.102	0.0002687	ZNF536(0)
rs6862093	5	27526829	0.0003803	0.07876	0.0005183	.
rs1958645	14	54321406	0.0003807	-0.1067	0.0003477	.
rs55696164	5	151890623	0.0003808	-0.08664	0.0005036	.
rs10825561	10	57433015	0.0003809	-0.07425	0.0004123	.
rs7913702	10	57435067	0.0003809	-0.07425	0.0004123	.
rs6986140	8	71278586	0.0003809	0.08709	0.0003877	NCOA2(0)
rs2048955	2	144391132	0.0003811	0.1363	0.0006116	ARHGAP15(0)
10:113321945	10	113321945	0.0003812	0.2253	0.000757	.
rs17129015	10	113322042	0.0003812	0.2253	0.000757	.
10:113322905	10	113322905	0.0003812	0.2253	0.000757	.
rs7905975	10	113327263	0.0003812	0.2253	0.000757	.
rs61103852	10	113328167	0.0003812	0.2253	0.000757	.
rs7079476	10	113331783	0.0003812	0.2253	0.000757	.
rs7095827	10	113332121	0.0003812	0.2253	0.000757	.
rs4953923	2	135445946	0.0003813	-0.107	0.0005455	TMEM163(0)
2:104670298	2	104670298	0.0003814	-0.1378	0.0006363	.
rs9321586	6	99984088	0.0003815	0.0923	0.0004704	CCNC(-6.174kb)
rs10790212	11	117702690	0.0003817	0.08201	0.0008433	FXD6(-5.002kb) FXD2(+3.883kb)
rs7755707	6	99973544	0.0003819	0.09344	0.0004656	USP45(+10.29kb) CCNC(-16.72kb)
rs11516688	10	57435873	0.0003827	-0.07423	0.0004135	.
rs62318216	4	131403460	0.0003831	0.08496	0.0006709	.
rs4945841	6	110194146	0.0003831	-0.07163	0.000508	.
rs9398221	6	110196707	0.0003831	-0.07163	0.000508	.
rs6933886	6	110198009	0.0003831	-0.07163	0.000508	.
rs4421234	6	110198334	0.0003831	-0.07163	0.000508	.
rs427883	16	79244725	0.0003834	-0.07876	0.0007083	WWOX(0)
rs10825573	10	57460470	0.0003835	-0.07415	0.0003909	.
rs11741407	5	27549985	0.0003835	0.07644	0.0004552	.
rs56110024	5	27550373	0.0003835	0.07644	0.0004552	.
rs4846948	1	230420370	0.0003836	-0.07434	0.0002615	GALNT2(+2.424kb)
rs7899963	10	57429832	0.0003837	-0.07409	0.000376	.
rs7922529	10	57429857	0.0003837	-0.07409	0.000376	.
rs7903546	10	57430242	0.0003837	-0.07409	0.000376	.
rs11004955	10	57430636	0.0003837	-0.07409	0.000376	.
rs10443951	10	57431464	0.0003837	-0.07409	0.000376	.
rs7044235	9	75127530	0.0003837	-0.0743	0.0005452	TMC1(-9.186kb)
rs2791446	9	18392900	0.0003838	-0.1035	0.0005207	.
rs12216144	6	99623458	0.0003839	-0.08585	0.000369	.
rs10088618	8	19115680	0.0003841	-0.2289	0.0005741	.
rs12589981	14	62370824	0.0003846	-0.08142	0.0008614	.
rs60579999	5	39963379	0.0003849	-0.1105	0.0003308	.
rs9790400	4	7769828	0.000385	0.126	0.0007224	AFAP1(0)
rs34819964	9	75129054	0.000385	-0.07431	0.0005447	TMC1(-7.662kb)
rs10763237	10	57458231	0.0003851	-0.07428	0.0004095	.
rs652278	9	12839484	0.0003856	-0.07904	0.0004314	C9orf150(+16.43kb)
rs59470184	4	17241365	0.0003857	0.1667	0.0003932	.

rs7654499	4	17241961	0.0003857	0.1667	0.0003932	.
4:17242302	4	17242302	0.0003857	0.1667	0.0003932	.
rs6716218	2	104598824	0.0003864	-0.09976	0.0008092	.
rs7598000	2	104599715	0.0003864	-0.09976	0.0008092	.
2:104600503	2	104600503	0.0003864	-0.09976	0.0008092	.
rs7910058	10	57434671	0.0003865	-0.07408	0.0003768	.
rs9400347	6	110247019	0.0003867	0.07355	0.0004668	.
rs9321571	6	99953402	0.0003867	0.0921	0.0005552	USP45(0)
rs10763229	10	57441397	0.0003868	-0.07455	0.000345	.
rs34214125	12	4789082	0.0003868	-0.09803	0.0002595	NDUFA9(0)
6:85426192	6	85426192	0.0003868	0.1753	0.0004794	TBX18(-17.96kb)
rs9450009	6	85426487	0.0003868	0.1753	0.0004794	TBX18(-17.67kb)
rs17862361	7	126991906	0.000387	-0.1137	0.0001523	ZNF800(-18.45kb)
rs58555252	5	27660348	0.0003872	-0.08496	0.0007321	.
rs7118314	11	74367284	0.0003873	-0.09474	0.0003401	POLD3(+13.52kb)
rs7417576	1	161897498	0.0003877	0.08163	0.0009757	ATF6(0)
rs4299128	15	92068914	0.0003877	0.07344	0.0006447	.
rs2329625	5	27528372	0.0003883	0.07646	0.0004478	.
rs6472520	8	71273315	0.0003886	0.08683	0.0004031	NCOA2(0)
rs11667057	19	31034308	0.0003892	-0.1008	0.0003177	ZNF536(0)
rs9400335	6	110191623	0.0003901	-0.0715	0.000518	.
rs9374132	6	110193373	0.0003901	-0.0715	0.000518	.
rs4631333	6	110203240	0.0003901	-0.0715	0.000518	.
rs4132854	11	16524201	0.0003902	0.1024	0.0002834	.
rs34506786	11	16524222	0.0003902	0.1024	0.0002834	.
rs11004963	10	57442866	0.0003909	-0.07496	0.000342	.
rs4769907	13	20360512	0.0003916	-0.09267	0.0009658	PSPC1(+3.429kb)
rs7525843	1	33875477	0.0003918	-0.1273	0.0002954	.
rs6456126	6	167196327	0.0003922	-0.1056	0.0004901	RPS6KA2(0)
rs4263476	5	27524096	0.0003924	0.07644	0.0005143	.
rs11758062	6	100226135	0.0003925	0.09293	0.0008905	.
10:21610946	10	21610946	0.0003929	0.1887	0.0002745	.
12:90449207	12	90449207	0.0003929	-0.3182	0.0004025	.
rs13238420	7	86371167	0.0003929	-0.1106	0.0006051	GRM3(0)
rs11706444	3	36035041	0.0003934	-0.2304	0.0003388	.
rs60977772	10	113320104	0.0003945	0.2244	0.0007972	.
22:30647751	22	30647751	0.0003951	-0.2315	0.0001773	OSM(-11.07kb) LIF(+5.003kb)
rs4240964	1	93593890	0.0003955	0.1419	0.0009818	MTF2(0)
rs60885616	2	212904323	0.0003961	-0.1001	0.0003792	ERBB4(0)
rs10043278	5	27482937	0.0003965	0.07626	0.0004904	.
rs7751134	6	99980953	0.0003966	0.092	0.0004925	USP45(+17.7kb) CCNC(-9.309kb)
rs2038714	6	99981879	0.0003966	0.092	0.0004925	USP45(+18.63kb) CCNC(-8.383kb)
rs12404293	1	236677985	0.0003972	-0.07497	0.0007011	LGALS8(-3.579kb)
rs409183	16	79247458	0.0003975	-0.07983	0.0005389	WVOX(+0.894kb)
rs2045533	18	48087851	0.0003977	-0.07639	0.0004684	MAPK4(0)
rs55663539	19	31041654	0.0003977	-0.1042	0.0003005	ZNF536(0)
10:21614607	10	21614607	0.0003979	0.1884	0.0002794	.

10:21616470	10	21616470	0.0003979	0.1884	0.0002794	.
rs6139994	20	6422606	0.0003985	0.07439	0.0002394	.
rs12669051	7	79168763	0.0003987	-0.1501	0.0006654	.
13:99889204	13	99889204	0.0003989	-0.1272	0.0006161	UBAC2(0) GPR18(-17.76kb)
1:171219801	1	171219801	0.000399	0.2257	0.0003996	FMO1(0)
rs9308307	12	78852008	0.0003993	0.08483	0.0008296	.
8:71552144	8	71552144	0.0003994	0.1404	0.0003378	LACTB2(0)
rs4675391	2	204842468	0.0003996	-0.07704	0.0004863	ICOS(+16.17kb)
rs7952661	11	74281777	0.0004	-0.09709	0.0002914	.
rs7113533	11	74284271	0.0004	-0.09709	0.0002914	POLD3(-19.36kb)
rs4944904	11	74285892	0.0004	-0.09709	0.0002914	POLD3(-17.74kb)
18:67892643	18	67892643	0.0004002	-0.2578	0.0007822	RTTN(+19.68kb)
18:67894259	18	67894259	0.0004002	-0.2578	0.0007822	.
rs7069336	10	57451426	0.0004005	-0.07588	0.0003738	.
rs1916499	10	57462529	0.0004007	-0.07404	0.0004447	.
4:153226903	4	153226903	0.0004009	0.1816	0.0005663	FBXW7(-15.51kb)
rs62181782	2	217764732	0.0004014	0.1763	0.0005543	.
rs35889162	2	217765507	0.0004014	0.1763	0.0005543	.
rs62354192	5	27527605	0.0004018	0.07595	0.0004901	.
rs2329626	5	27530378	0.0004018	0.07595	0.0004901	.
rs6452390	5	27531342	0.0004018	0.07595	0.0004901	.
rs17451455	5	151888271	0.0004019	-0.08677	0.0005516	.
rs11154726	6	99618365	0.000402	-0.08559	0.0003978	.
rs9389427	6	99944858	0.0004021	0.09235	0.0005172	USP45(0)
rs733615	6	99945794	0.0004021	0.09235	0.0005172	USP45(0)
rs7632675	3	16461063	0.0004029	0.09843	0.0008101	RFTN1(0)
rs8015790	14	73833005	0.000403	-0.09281	0.0009969	NUMB(0)
rs11004970	10	57454635	0.0004031	-0.07382	0.0004058	.
rs1466137	16	60396226	0.0004034	-0.07524	0.000455	.
rs17690316	8	71857421	0.0004037	0.1392	0.0002794	.
12:58366038	12	58366038	0.0004039	-0.1766	0.0003693	XRCC6BP1(+14.99kb)
12:58368528	12	58368528	0.0004039	-0.1766	0.0003693	XRCC6BP1(+17.48kb)
12:58375987	12	58375987	0.0004039	-0.1766	0.0003693	.
12:58376785	12	58376785	0.0004039	-0.1766	0.0003693	.
rs1848130	12	58377772	0.0004039	-0.1766	0.0003693	.
12:86615156	12	86615156	0.0004039	-0.1854	0.0006063	MGAT4C(0)
12:86617797	12	86617797	0.0004039	-0.1854	0.0006063	MGAT4C(0)
rs12311272	12	86620432	0.0004039	-0.1854	0.0006063	MGAT4C(0)
12:86620531	12	86620531	0.0004039	-0.1854	0.0006063	MGAT4C(0)
rs12311407	12	86620701	0.0004039	-0.1854	0.0006063	MGAT4C(0)
rs2137596	3	111421894	0.0004043	-0.1287	0.0005901	PLCXD2(0)
rs6978995	7	130938612	0.0004047	0.1195	0.0000871	.
rs55843226	18	40195139	0.000405	-0.102	0.0004215	.
rs9457219	6	167212002	0.0004055	-0.1028	0.0003936	RPS6KA2(0)
rs4979036	9	114448271	0.0004055	-0.07388	0.0005503	LOC552891(+15.76kb) GNG10(+15.74
rs7991116	13	20306218	0.0004056	-0.1069	0.0005614	PSPC1(0)
22:30614145	22	30614145	0.0004064	-0.197	0.0002298	.

rs2773396	9	116722828	0.0004065	0.077	0.0008121	ZNF618(0)
12:86606809	12	86606809	0.0004069	-0.1853	0.00061	MGAT4C(0)
rs8100987	19	57848002	0.0004069	-0.1214	0.0004725	ZNF543(+5.858kb) ZNF304(-14.64kb)
rs6957235	7	79164583	0.0004073	-0.1642	0.0003809	.
rs1949741	10	57471131	0.0004074	-0.0738	0.0004131	.
rs12570468	10	57471630	0.0004074	-0.0738	0.0004131	.
rs61850539	10	57472022	0.0004074	-0.0738	0.0004131	.
rs9687411	5	34994600	0.0004076	0.08413	0.0002798	AGXT2(-3.605kb)
rs2225348	20	6434266	0.0004081	-0.07426	0.0001804	.
18:67896332	18	67896332	0.0004084	-0.2573	0.0008024	.
rs10067730	5	88863259	0.0004091	0.2059	0.0005278	.
rs10248988	7	12618133	0.0004098	0.07334	0.0003348	SCIN(0)
rs62179774	2	217837165	0.0004099	0.1694	0.0005559	.
rs1432723	5	155302582	0.0004101	0.09267	0.0008449	.
6:108350679	6	108350679	0.0004106	-0.3181	0.0007495	OSTM1(-11.93kb)
rs4076882	8	87186589	0.0004108	-0.1025	0.0007847	.
rs155058	5	95972369	0.0004109	0.07726	0.0008801	.
5:117576798	5	117576798	0.0004123	0.1526	0.0009029	.
rs6957016	7	109733586	0.0004123	0.09594	0.0003193	.
rs10067114	5	40897499	0.0004129	0.07723	0.0008435	C7(-12.1kb)
rs9450006	6	85406773	0.0004132	0.1738	0.0004804	.
rs6826732	4	131309692	0.0004136	0.08517	0.0006511	.
rs9402840	6	99942603	0.0004149	0.0925	0.0004959	USP45(0)
18:67889603	18	67889603	0.0004154	-0.2497	0.0007566	RTTN(+16.64kb)
rs13394203	2	142785189	0.0004157	0.17	0.000243	LRP1B(0)
rs2142605	6	169767461	0.0004158	-0.1018	0.0006696	.
rs13126842	4	122416662	0.0004165	0.1439	0.0002095	.
rs35424555	13	20221516	0.0004166	-0.1224	0.000724	MPHOSPH8(0)
rs10233558	7	55881666	0.0004166	-0.1094	0.0008308	sep/14(0)
rs10957516	8	71119051	0.0004171	0.08233	0.0005513	NCOA2(0)
rs6427691	1	162621336	0.0004173	0.08056	0.0003458	DDR2(0)
rs2852673	1	158862369	0.0004174	-0.08777	0.0003853	.
rs62352269	5	27550131	0.0004178	0.07609	0.0004883	.
rs10473842	5	27482489	0.0004191	0.07534	0.0004553	.
rs10480736	7	79166169	0.0004191	-0.1489	0.0006721	.
rs28630500	7	79166525	0.0004191	-0.1489	0.0006721	.
rs7807979	7	79166735	0.0004191	-0.1489	0.0006721	.
8:19116353	8	19116353	0.0004193	-0.2268	0.0006475	.
rs11538811	14	105171022	0.0004194	-0.136	0.0002909	INF2(0) C14orf151(0) ADSSL1(-19.
rs10040601	5	73135485	0.0004198	0.07215	0.000338	RGNEF(0)
rs155043	5	95968259	0.00042	0.07672	0.000981	.
8:71502332	8	71502332	0.0004201	0.1406	0.000329	TRAM1(0)
18:40187140	18	40187140	0.0004202	-0.1011	0.0004425	.
12:86604931	12	86604931	0.0004207	-0.1849	0.0006223	MGAT4C(0)
rs17590608	6	167186024	0.0004208	-0.08546	0.0003875	RPS6KA2(0)
rs9551789	13	20171808	0.0004211	-0.1199	0.0007797	.
rs11168	6	166755979	0.0004211	0.08453	0.000481	SFT2D1(0)

rs10998913	10	71441864	0.0004214	0.1213	0.0004637	.
rs56253171	10	113325656	0.0004216	0.2245	0.0008645	.
rs11256287	10	9685996	0.0004221	0.07408	0.0003041	.
rs12694400	2	217809755	0.0004222	0.1682	0.0005697	.
5:151741858	5	151741858	0.0004222	-0.1002	0.0007662	.
rs2132683	6	99672014	0.0004222	0.07827	0.0003276	.
rs35671351	6	110192347	0.0004224	-0.07225	0.0005282	.
rs155044	5	95965857	0.0004226	0.0778	0.0009018	.
rs35247850	4	66137427	0.0004227	0.1587	0.0002443	.
rs55993718	6	85411520	0.0004238	0.1758	0.0005287	.
rs12428045	13	37177570	0.0004248	0.1016	0.0001992	.
rs10061786	5	58561066	0.000425	0.113	0.0003102	PDE4D(0)
rs2829894	21	27132601	0.0004251	-0.09925	0.0005318	GABPA(0)
4:131302997	4	131302997	0.0004255	0.08485	0.0007593	.
rs1825215	5	113259861	0.0004255	0.07929	0.0009591	.
rs10035656	5	113260816	0.0004255	0.07929	0.0009591	.
rs9487241	6	110189149	0.0004255	-0.0722	0.0005898	.
rs12498704	4	40690330	0.0004256	-0.07472	0.0008488	.
rs4604297	6	110209191	0.0004257	-0.07168	0.0004886	.
rs6481167	10	57428962	0.0004258	-0.07362	0.000422	.
rs6481168	10	57429244	0.0004258	-0.07362	0.000422	.
12:108771090	12	108771090	0.0004268	0.2255	0.0006485	.
11:22933057	11	22933057	0.000427	-0.0946	0.0005162	.
rs12666602	7	109741317	0.000427	0.09714	0.0004032	.
rs60097401	13	37176265	0.0004275	0.1044	0.0001368	.
rs1551435	4	186840636	0.0004281	0.07365	0.0005356	SORBS2(0)
rs28511871	4	131315705	0.0004284	0.08408	0.0007508	.
rs9508857	13	20285268	0.0004297	-0.1073	0.0005974	PSPC1(0)
3:68374205	3	68374205	0.0004303	-0.1025	0.0005905	FAM19A1(0)
rs3847447	10	57458737	0.0004304	-0.07384	0.0004723	.
rs28379858	21	27961756	0.0004312	0.09912	0.0002594	CYYR1(+16.18kb)
rs2181304	13	37272398	0.0004314	0.07387	0.0003429	C13orf36(+0.423kb)
rs855834	1	64357330	0.0004317	0.1547	0.0002135	ROR1(0)
rs2789052	6	121196068	0.0004324	0.152	0.0008406	.
13:20470581	13	20470581	0.0004329	-0.1114	0.0006409	.
rs9552038	13	20471003	0.0004329	-0.1114	0.0006409	.
rs1024080	3	145709954	0.0004332	-0.07619	0.0006383	.
rs7982289	13	111058696	0.0004333	-0.3511	0.0005056	COL4A2(0)
rs6584894	10	110518607	0.0004336	0.08202	0.0004114	.
rs5001406	11	16513084	0.0004336	0.1002	0.0003622	SOX6(+15.17kb)
rs11775170	8	71121143	0.0004336	0.08682	0.0004719	NCOA2(0)
19:31012740	19	31012740	0.0004342	-0.108	0.000629	ZNF536(0)
rs55945575	5	27569575	0.0004342	0.07571	0.0005201	.
rs10787402	10	113503840	0.0004343	0.2074	0.0009161	.
rs1772119	4	17248004	0.0004345	0.1664	0.0004267	.
4:17248741	4	17248741	0.0004345	0.1664	0.0004267	.
rs56036314	4	17250559	0.0004345	0.1664	0.0004267	.

rs17177983	4	17253530	0.0004345	0.1664	0.0004267	.
rs12798430	11	16521393	0.0004346	0.1009	0.0003617	.
6:85357546	6	85357546	0.0004349	0.2092	0.0003842	.
6:85360352	6	85360352	0.0004349	0.2092	0.0003842	.
rs62348940	5	31250594	0.000435	0.1902	0.0003398	CDH6(0)
rs62348941	5	31250623	0.000435	0.1902	0.0003398	CDH6(0)
rs4916767	5	88946226	0.0004352	0.1139	0.0005124	.
rs28384822	1	171219212	0.0004353	0.2391	0.0005437	FMO1(0)
rs10781102	9	75113795	0.0004353	-0.07382	0.0005244	.
rs4860997	4	41619472	0.0004354	-0.08524	0.0004552	LIMCH1(0)
rs9668434	12	64318733	0.0004358	0.08147	0.0002969	SRGAP1(0)
rs9646605	18	69032825	0.0004359	-0.1194	0.0002848	.
rs12614017	2	207092292	0.0004361	-0.1141	0.0008851	GPR1(+9.521kb)
rs1179695	2	217760617	0.0004361	0.1745	0.0006511	.
17:33898679	17	33898679	0.0004366	-0.1842	0.0008427	SLFN14(+13.57kb) PEX12(-3.135kb)
rs4944048	11	74288326	0.0004371	-0.09642	0.0003162	POLD3(-15.3kb)
rs10872056	6	110190650	0.0004377	-0.07096	0.0005958	.
rs6933800	6	110190740	0.0004377	-0.07096	0.0005958	.
rs55755544	18	40183808	0.0004379	-0.1018	0.0004792	.
rs4244894	15	92073658	0.0004383	0.07203	0.0006068	.
1:176103293	1	176103293	0.0004384	0.226	0.0008001	RFWD2(0)
rs856102	1	158892834	0.0004389	-0.08885	0.000472	PYHIN1(-8.507kb)
rs6490489	13	20416616	0.000439	-0.09196	0.0009851	ZMYM5(0)
rs3936639	10	57458863	0.0004392	-0.07357	0.0004239	.
rs62533062	8	71581982	0.0004393	0.1394	0.0004015	XKR9(0) LACTB2(+0.59kb)
rs3742536	14	52507429	0.0004396	-0.08224	0.000617	NID2(0)
rs3856067	1	181045443	0.0004398	0.1013	0.0007364	IER5(-12.19kb)
rs16894738	4	17254450	0.0004402	0.1652	0.0004034	.
3:141141904	3	141141904	0.0004406	0.2182	0.0005649	ZBTB38(0)
rs59737563	7	79165093	0.0004408	-0.1484	0.0006997	.
rs2008706	1	171147946	0.0004416	0.07454	0.000262	FMO2(-6.441kb)
rs11661515	18	855099	0.0004422	-0.07427	0.0007537	.
rs13069009	3	9396051	0.0004425	-0.1177	0.0004915	THUMPD3(-8.665kb)
rs988542	12	73838741	0.0004432	0.07598	0.0008817	.
rs12668530	7	79168542	0.0004432	-0.1498	0.0007476	.
rs7069296	10	57451359	0.0004433	-0.07537	0.0004149	.
rs28560088	18	24969320	0.0004438	0.1189	0.0006343	.
rs11172809	12	59293967	0.0004441	0.1738	0.0008034	LRIG3(0)
rs4455725	7	66887032	0.0004442	0.07651	0.0007011	.
rs9400341	6	110212022	0.0004445	-0.07061	0.0005925	.
rs55680450	10	113461561	0.0004447	0.2066	0.0009366	.
10:113464520	10	113464520	0.0004447	0.2066	0.0009366	.
10:113475015	10	113475015	0.0004447	0.2066	0.0009366	.
10:113480639	10	113480639	0.0004447	0.2066	0.0009366	.
rs6534789	4	131304008	0.0004449	0.08026	0.0005333	.
rs2018321	2	84807931	0.000445	-0.08114	0.0007217	DNHL1(0)
rs1582339	12	97751008	0.0004451	-0.116	0.000344	.

rs2163994	13	113491029	0.0004451	0.07922	0.0003938	ATP11A(0)
rs2117190	13	113491148	0.0004451	0.07922	0.0003938	ATP11A(0)
rs16894739	4	17256096	0.0004453	0.164	0.0004521	.
rs9843781	3	9396766	0.0004456	-0.1171	0.0004967	THUMPD3(-7.95kb)
6:85349746	6	85349746	0.0004456	0.2088	0.0003911	.
rs28369794	1	171154303	0.0004457	0.093	0.0003203	FMO2(-0.084kb)
rs7774389	6	110190027	0.0004458	-0.07101	0.0006162	.
rs10260354	7	55883818	0.0004461	-0.109	0.0009002	sep/14(0)
rs10740624	10	57461406	0.0004462	-0.07392	0.0004745	.
rs10889453	1	64359353	0.0004465	0.1543	0.000221	ROR1(0)
rs855821	1	64361363	0.0004465	0.1543	0.000221	ROR1(0)
rs2926719	8	71145689	0.0004468	0.08652	0.0004331	NCOA2(0)
rs12291876	11	133456988	0.000447	-0.09439	0.0009492	.
rs7898669	10	57429570	0.0004475	-0.07367	0.0004256	.
rs12351916	9	85483536	0.0004475	-0.07877	0.0006699	.
rs56344208	8	71517490	0.0004481	0.1398	0.0003658	TRAM1(0)
rs10473841	5	27482181	0.0004483	0.07492	0.0004859	.
rs10472572	5	27484573	0.0004483	0.07492	0.0004859	.
rs10045438	5	27484973	0.0004483	0.07492	0.0004859	.
rs4131497	5	88893232	0.0004483	0.1652	0.000654	.
rs4939634	18	48092989	0.0004484	-0.07406	0.0005612	MAPK4(0)
rs6496815	15	92074265	0.0004485	0.07359	0.0007697	.
rs7975033	12	73807517	0.0004496	0.07564	0.0008871	.
rs2363061	12	73810593	0.0004496	0.07564	0.0008871	.
rs1915293	12	73811639	0.0004496	0.07564	0.0008871	.
rs6582151	12	73813659	0.0004496	0.07564	0.0008871	.
rs6582152	12	73814053	0.0004496	0.07564	0.0008871	.
rs10472571	5	27484175	0.0004502	0.07481	0.0005362	.
rs867350	4	7265635	0.0004513	-0.07647	0.0004086	SORCS2(0)
18:57425254	18	57425254	0.0004515	-0.2868	0.0007771	.
18:57425287	18	57425287	0.0004515	-0.2868	0.0007771	.
18:57425420	18	57425420	0.0004515	-0.2868	0.0007771	.
rs10458206	6	7084214	0.0004521	-0.07793	0.000434	.
21:15926785	21	15926785	0.000453	0.08849	0.0007531	SAMSN1(+8.121kb)
rs535702	9	12848269	0.0004534	-0.07754	0.000338	.
13:99825075	13	99825075	0.0004535	-0.1272	0.0007247	.
rs17135638	6	2726475	0.0004552	-0.1902	0.000948	MYLK4(0)
rs1361936	7	126931152	0.0004558	-0.1086	0.0004502	.
rs17164867	7	130008285	0.0004558	0.09266	0.0005787	CPA5(0) CPA1(-12.07kb)
rs6460968	7	12621832	0.0004564	0.07286	0.0003622	SCIN(0)
rs35815316	9	4510509	0.0004568	0.0816	0.0005332	SLC1A1(0)
rs1156800	2	104613545	0.0004575	-0.1047	0.000706	.
rs542771	22	21031543	0.0004577	0.07494	0.000973	.
rs9390697	6	101294431	0.0004588	0.1749	0.0007058	ASCC3(0)
rs9498409	6	101299966	0.0004588	0.1749	0.0007058	ASCC3(0)
rs9485417	6	101300038	0.0004588	0.1749	0.0007058	ASCC3(0)
rs7942395	11	35362952	0.0004589	0.07558	0.0003978	SLC1A2(0)

rs7942586	11	35362979	0.0004589	0.07558	0.0003978	SLC1A2(0)
rs56266092	7	49658433	0.0004595	-0.08465	0.0005792	.
rs653459	13	113491286	0.0004597	0.0789	0.0004004	ATP11A(0)
rs35999015	13	20476003	0.0004602	-0.1109	0.0006799	.
rs17379710	11	35334668	0.000461	0.07306	0.0004076	SLC1A2(0)
rs9542351	13	71048171	0.0004612	0.1002	0.000444	.
rs485924	6	100002903	0.0004612	0.09144	0.0005809	CCNC(0)
rs7095940	10	129222816	0.0004613	0.0843	0.0005031	.
rs846979	6	108043257	0.0004616	0.104	0.0006651	SCML4(0)
rs9551773	13	20165756	0.0004626	-0.1192	0.0008677	.
1:33896147	1	33896147	0.0004627	-0.1342	0.0003899	.
18:66384661	18	66384661	0.0004634	0.13	0.0001893	TXNDC10(+2.308kb) CCDC102B(0)
rs1510429	8	14418703	0.0004634	-0.1041	0.0009139	SGCZ(0)
rs6015862	20	59428487	0.000464	0.1098	0.0001569	.
rs6554260	4	56147944	0.0004641	0.1451	0.00067	.
rs12670961	7	109741442	0.0004641	0.09694	0.0004351	.
rs10484386	6	22115940	0.0004654	0.1906	0.000384	.
rs1574191	10	57427215	0.0004657	-0.07326	0.0004532	.
rs57814648	5	114826291	0.0004657	0.07592	0.0005954	.
rs12670532	7	79168570	0.0004657	-0.1486	0.0007548	.
rs7608639	2	79353898	0.0004661	0.07271	0.000543	REG1A(+3.353kb)
8:71542471	8	71542471	0.0004662	0.1402	0.0003711	LACTB2(-7.019kb)
rs17698151	2	135543367	0.0004666	-0.1041	0.000628	.
rs7040076	9	110454242	0.000467	0.07317	0.0005821	.
rs11185580	7	49652631	0.0004672	-0.08501	0.0005685	.
rs10899010	11	74286146	0.0004673	-0.09614	0.0003449	POLD3(-17.48kb)
rs10975261	9	581163	0.0004673	0.08356	0.0008415	KANK1(0)
rs7678740	4	56154350	0.0004686	0.1383	0.0006608	.
7:66887704	7	66887704	0.0004686	0.07564	0.0006312	.
rs10785034	12	73834637	0.0004687	0.07585	0.0009027	.
8:13663878	8	13663878	0.0004687	0.225	0.0004794	.
rs17443704	5	151668231	0.0004688	-0.09935	0.000859	.
5:151668482	5	151668482	0.0004688	-0.09935	0.000859	.
rs9487240	6	110189125	0.0004692	-0.07077	0.0006732	.
rs2461900	10	57420539	0.0004696	-0.07368	0.0005565	.
18:59695373	18	59695373	0.0004698	0.08566	0.0009415	PIGN(-16.08kb)
rs10785029	12	73805362	0.0004714	0.0755	0.0009162	.
rs10748226	12	73805442	0.0004714	0.0755	0.0009162	.
rs11761406	7	8463039	0.0004714	-0.1259	0.0009796	NXP1(-10.54kb)
10:71443184	10	71443184	0.0004716	0.1187	0.0005545	.
rs4883872	13	71047035	0.0004719	0.09709	0.000437	.
rs2829890	21	27123092	0.0004731	-0.123	0.0005361	GABPA(0) ATP5J(+15.13kb)
rs9498414	6	101322976	0.0004733	0.1745	0.0007265	ASCC3(0)
rs1432126	15	27322216	0.0004737	0.09136	0.0004822	.
rs10506488	12	66993205	0.0004742	0.1241	0.0007312	GRIP1(0)
rs17345188	2	104614645	0.0004743	-0.1055	0.0008183	.
12:90548012	12	90548012	0.0004749	-0.3219	0.0005428	.

rs7326256	13	99788540	0.000475	-0.1228	0.0007316	.
rs62142360	2	31840489	0.0004753	-0.3549	0.0006959	.
rs62530823	8	71633826	0.0004753	0.1349	0.0003989	XKR9(0)
rs11714204	3	36042177	0.0004758	-0.2219	0.0004527	.
3:36043499	3	36043499	0.0004758	-0.2219	0.0004527	.
3:36044572	3	36044572	0.0004758	-0.2219	0.0004527	.
3:36044697	3	36044697	0.0004758	-0.2219	0.0004527	.
3:36044712	3	36044712	0.0004758	-0.2219	0.0004527	.
3:36044922	3	36044922	0.0004758	-0.2219	0.0004527	.
21:40191389	21	40191389	0.0004759	-0.0998	0.0003544	ETS2(0)
rs660807	5	39848113	0.0004759	-0.0733	0.0003087	.
rs637420	1	64350084	0.000476	0.1529	0.000222	ROR1(0)
5:151671427	5	151671427	0.0004766	-0.09918	0.0008764	.
rs6919216	6	167190753	0.0004766	-0.1032	0.0005282	RPS6KA2(0)
rs9457204	6	167192368	0.0004767	-0.1061	0.0006707	RPS6KA2(0)
rs12741244	1	240936632	0.0004768	0.07938	0.0008266	RGS7(-2.184kb)
rs2837302	21	41303895	0.000477	0.07382	0.0006454	PCP4(+2.573kb)
rs12680132	8	71259927	0.0004771	0.08565	0.0005152	NCOA2(0)
2:135448651	2	135448651	0.0004772	-0.1058	0.000659	TMEM163(0)
rs61950618	13	20446865	0.0004781	-0.1118	0.0008076	ZMYM5(+9.092kb)
rs2349623	22	44943401	0.0004783	-0.07742	0.0005187	.
rs6788020	3	145711365	0.0004784	-0.07582	0.0006862	.
rs12691686	2	144403671	0.0004787	0.1341	0.0007978	ARHGAP15(0)
rs2984522	9	74993162	0.0004788	0.07312	0.0007334	ZFAND5(+13kb)
rs11610750	12	72278211	0.000479	-0.1439	0.0005221	TBC1D15(0)
rs7953276	12	73821580	0.0004791	0.0753	0.0009412	.
rs508996	11	66456933	0.0004792	0.08302	0.0004639	SPTBN2(0) RBM4B(+11.66kb)
rs4856482	3	84064278	0.0004804	-0.1342	0.0007057	.
rs855839	1	64356438	0.0004805	0.1611	0.0002865	ROR1(0)
rs2809859	9	18401113	0.0004814	-0.09911	0.0007167	.
2:104610423	2	104610423	0.0004815	-0.1044	0.0007654	.
7:79173651	7	79173651	0.0004824	-0.1476	0.0007402	.
rs1593682	2	126422318	0.0004827	-0.09202	0.0006819	.
rs61849861	10	71442964	0.0004837	0.1185	0.0005708	.
rs16926600	10	71443150	0.0004837	0.1185	0.0005708	.
rs12854997	13	20455374	0.0004837	-0.1108	0.0008053	ZMYM5(+17.6kb)
rs353286	5	148792761	0.0004842	0.07144	0.0006736	.
rs12655436	5	27478198	0.0004842	0.07464	0.0005186	.
rs609669	6	100116299	0.0004851	0.09631	0.0008442	.
rs56309043	18	24954026	0.0004852	0.1165	0.0006149	.
rs13395589	2	13044651	0.0004853	-0.1425	0.0006503	.
4:139539247	4	139539247	0.0004853	0.1156	0.000845	.
rs56174716	18	24950504	0.0004855	0.1164	0.0006186	.
rs4636064	6	110218283	0.0004856	-0.07015	0.0006389	.
rs7976446	12	106265447	0.0004858	0.07403	0.0006043	.
rs12691687	2	144405248	0.0004863	0.134	0.0008048	ARHGAP15(0)
rs2516592	14	52503545	0.0004864	-0.08359	0.0005961	NID2(0)

rs4560644	6	48836797	0.0004866	0.3447	0.000558 .
10:21576301	10	21576301	0.0004868	0.1902	0.0003831 .
rs532439	11	66469032	0.0004872	0.0848	0.0004027 SPTBN2(0)
rs2805929	9	18393114	0.0004872	-0.1014	0.0007616 .
rs61117643	7	79163899	0.0004875	-0.1516	0.0007415 .
rs10742237	11	30310659	0.0004878	-0.08561	0.00043 .
rs1870649	8	71260985	0.0004888	0.08011	0.0006604 NCOA2(0)
rs9372235	6	110199736	0.0004893	-0.07107	0.0006653 .
rs6740609	2	79855622	0.0004894	-0.08856	0.000556 CTNNA2(0)
rs4993699	7	66887996	0.0004897	0.07488	0.0006927 .
rs739299	22	35514825	0.0004898	-0.07478	0.0005649 .
13:20474599	13	20474599	0.0004899	-0.1103	0.0007195 .
rs430780	14	36452235	0.0004899	0.08106	0.0006541 .
rs9696777	9	608009	0.0004902	0.08349	0.0007128 KANK1(0)
rs2967209	5	40060950	0.0004904	-0.1009	0.0006152 .
13:99833502	13	99833502	0.0004905	-0.1235	0.0009286 UBAC2(-19.66kb)
rs35442969	7	66886959	0.0004905	0.07582	0.0007608 .
rs12254814	10	44131150	0.0004912	0.08248	0.0004839 ZNF485(+17.8kb) ZNF32(-8.156kb)
rs1958648	14	54339635	0.0004912	-0.1078	0.0003591 .
rs2758460	9	74995813	0.0004916	0.0728	0.0007671 ZFAND5(+15.65kb)
rs10873075	14	54340691	0.0004927	-0.108	0.000396 .
9:85990801	9	85990801	0.000493	-0.1242	0.0003656 FRMD3(0)
rs10794860	10	2175702	0.0004942	0.072	0.0006715 .
rs59030572	9	110437382	0.0004943	0.07928	0.0006547 .
rs10506897	12	84058856	0.0004946	0.3056	0.0008241 .
rs62318174	4	131348026	0.0004946	0.08232	0.0008446 .
rs629241	5	177933945	0.0004946	0.07532	0.0008987 COL23A1(0)
rs1417271	9	85474844	0.0004946	-0.07698	0.0007591 .
rs4487621	6	110230356	0.0004948	0.07293	0.0006728 .
2:208136057	2	208136057	0.0004949	-0.1154	0.0003769 .
10:57583002	10	57583002	0.000495	-0.1002	0.000886 .
18:66384271	18	66384271	0.000495	0.1295	0.0001976 TXNDC10(+1.918kb) CCDC102B(0)
18:66384307	18	66384307	0.000495	0.1295	0.0001976 TXNDC10(+1.954kb) CCDC102B(0)
rs9457217	6	167208952	0.000495	-0.1014	0.000533 RPS6KA2(0)
rs7720392	5	31170385	0.0004951	0.2455	0.0007262 .
rs7852783	9	580715	0.0004951	0.08283	0.0008468 KANK1(0)
rs608647	11	84770221	0.0004953	-0.09143	0.0006676 .
rs3000061	1	230888208	0.0004954	-0.08364	0.0006817 CAPN9(0)
rs9401350	6	121211524	0.0004955	0.1515	0.0009064 .
rs9387901	6	121211820	0.0004955	0.1515	0.0009064 .
rs2852678	1	158864594	0.0004956	-0.08509	0.0004334 .
rs28803557	7	55880211	0.0004961	-0.1079	0.0009763 sep/14(0)
rs12415857	10	134714485	0.0004964	0.07756	0.0006035 .
rs11951177	5	27487031	0.0004964	0.07437	0.0005394 .
9:86009959	9	86009959	0.0004972	-0.11	0.0003412 FRMD3(0)
rs10816545	9	110422751	0.0004977	-0.0994	0.0004799 .
rs7964705	12	73816760	0.0004979	0.07509	0.0009735 .

rs2203976	12	73820610	0.0004979	0.07509	0.0009735	.
rs10748227	12	73821381	0.0004979	0.07509	0.0009735	.
rs14611	10	93043929	0.000498	0.1639	0.0007545	PCGF5(0)
rs60950495	15	27313809	0.000498	0.09353	0.0003869	.
rs6944045	7	79164896	0.000498	-0.1486	0.0007304	.
rs1017461	2	124853585	0.0004982	0.1727	0.0002469	CNTNAP5(0)
rs2761688	9	116722833	0.0004982	0.07583	0.0007864	ZNF618(0)
rs11851852	14	105168428	0.0004985	-0.1245	0.0002978	INF2(0) C14orf151(0)
rs55745411	2	135570431	0.0004987	-0.106	0.000718	.
rs6484478	11	30306440	0.0005001	-0.08547	0.0004409	.
rs4849034	2	126420877	0.0005007	-0.09156	0.000701	.
rs61950624	13	20461763	0.000501	-0.1103	0.0007298	.
rs34172801	13	20468952	0.000501	-0.1103	0.0007298	.
rs2390240	13	99998235	0.0005014	-0.1255	0.00078	UBAC2(0)
rs7938931	11	74294220	0.0005022	-0.09441	0.0004628	POLD3(-9.408kb)
rs134203	22	35515997	0.0005026	-0.07445	0.0005928	.
rs7240582	18	7956794	0.0005034	0.09041	0.0002544	PTPRM(0)
rs2029975	14	52506070	0.0005035	-0.08187	0.0007086	NID2(0)
rs10139288	14	52506486	0.0005035	-0.08187	0.0007086	NID2(0)
rs1510428	8	14418331	0.0005035	-0.1029	0.0009699	SGCZ(0)
rs1402949	4	17242936	0.0005037	0.1626	0.000493	.
rs4628499	1	240934479	0.0005041	0.08932	0.0004996	RGS7(-4.337kb)
rs10037765	5	73135543	0.0005042	0.07157	0.0004465	RGNEF(0)
rs60373142	11	113208533	0.0005043	0.1204	0.0008716	TTC12(0)
rs12243501	10	85109252	0.0005046	0.1813	0.0005733	.
rs9551991	13	20305992	0.0005051	-0.1055	0.0006965	PSPC1(0)
rs420196	16	79240608	0.0005055	-0.07278	0.0007451	WWOX(0)
rs814680	9	116720752	0.0005055	0.07366	0.0009503	ZNF618(0)
rs10978983	9	110426890	0.0005057	-0.1036	0.0003641	.
rs11004988	10	57487116	0.0005058	-0.07295	0.0005404	.
rs7357028	6	101399146	0.0005058	0.1311	0.0007376	.
rs7339337	13	100005697	0.0005061	-0.1253	0.0007972	UBAC2(0)
rs12793829	11	16530053	0.0005064	0.09783	0.0003832	.
rs1027832	3	78663956	0.0005069	-0.0738	0.0004866	ROBO1(0)
rs12592413	15	92076350	0.0005072	0.07115	0.0007791	.
rs13070469	3	9396177	0.0005073	-0.1156	0.0005763	THUMPD3(-8.539kb)
rs12539392	7	109720628	0.0005073	0.09376	0.0004764	.
rs2533103	7	146394390	0.0005073	-0.1094	0.0004701	CNTNAP2(0)
rs7849626	9	74956781	0.0005074	0.07338	0.0009526	ZFAND5(-9.559kb)
rs2852680	1	158865514	0.0005075	-0.08607	0.0004414	.
rs12301769	12	72231313	0.0005077	-0.1265	0.0005883	TBC1D15(-2.225kb)
rs10942252	5	27477815	0.0005078	0.07434	0.0005356	.
rs6895283	5	27477937	0.0005078	0.07434	0.0005356	.
rs7950907	11	16515050	0.0005086	0.09889	0.0003853	SOX6(+17.13kb)
18:66384504	18	66384504	0.0005086	0.1292	0.0002042	TXNDC10(+2.151kb) CCDC102B(0)
14:105162807	14	105162807	0.0005087	-0.1344	0.0004067	INF2(0) C14orf151(0)
rs11563399	7	126932903	0.0005087	-0.1069	0.0004626	.

rs7170769	15	92070205	0.0005091	0.07148	0.000853	.
rs10877182	12	59280742	0.0005093	0.176	0.0009374	LRIG3(0)
rs10869182	9	75113519	0.0005093	-0.07196	0.0007659	.
rs10926352	1	240937073	0.0005094	0.07706	0.0008421	RGS7(-1.743kb)
rs5767138	22	48816917	0.00051	0.1461	0.0002565	.
rs2984524	9	74989643	0.0005101	0.07225	0.000745	ZFAND5(+9.48kb)
rs7993715	13	100008313	0.0005104	-0.1254	0.0007749	UBAC2(0)
rs56222963	13	100009522	0.0005104	-0.1254	0.0007749	UBAC2(0)
rs4550559	18	48088873	0.0005105	-0.07553	0.000591	MAPK4(0)
rs4703486	5	34990484	0.0005107	0.08143	0.0003247	AGXT2(-7.721kb)
rs6907986	6	110227423	0.0005107	-0.07016	0.0006581	.
rs11765078	7	8442235	0.0005114	-0.1221	0.0009058	.
rs11750217	5	27570355	0.0005118	0.07503	0.0005816	.
rs10274904	7	49662445	0.0005119	-0.08421	0.000536	.
10:57582099	10	57582099	0.0005124	-0.1001	0.0008999	.
rs7027436	9	110424737	0.0005125	-0.09991	0.0003453	.
rs855851	1	64351518	0.0005128	0.1521	0.0002406	ROR1(0)
rs28566799	13	20442450	0.000513	-0.1103	0.0008518	ZMYM5(+4.677kb)
rs9552028	13	20444249	0.000513	-0.1103	0.0008518	ZMYM5(+6.476kb)
rs7317162	13	20454253	0.000513	-0.1103	0.0008518	ZMYM5(+16.48kb)
rs12260619	10	85150440	0.0005133	0.1898	0.0007565	.
rs6492147	13	109423296	0.0005142	0.1198	0.0004029	MYO16(0)
7:67494833	7	67494833	0.0005142	-0.07245	0.0005232	.
rs856152	1	158887513	0.0005145	-0.08504	0.0003943	PYHIN1(-13.83kb)
rs16841110	4	7767059	0.0005149	0.1345	0.0006121	AFAP1(0)
rs6973551	7	36588659	0.0005153	0.1015	0.0009743	AOAH(0)
rs7896279	10	129211210	0.0005154	0.08359	0.0003794	.
rs7951786	11	16515076	0.0005155	0.09888	0.0003946	SOX6(+17.16kb)
rs4954168	2	135465073	0.0005157	-0.1027	0.0007372	TMEM163(0)
rs12141786	1	33876151	0.0005158	-0.1247	0.0003976	.
rs59767327	9	110437287	0.0005162	0.07894	0.0006966	.
rs2601870	4	86789857	0.0005163	-0.07808	0.0009377	ARHGAP24(0)
rs9473663	6	49778621	0.0005164	0.07795	0.0005813	.
rs10942255	5	27501474	0.0005165	0.07478	0.0006136	.
7:35595738	7	35595738	0.0005167	-0.2627	0.000332	.
rs8101081	19	31049031	0.0005169	-0.1012	0.0003763	ZNF536(+0.066kb)
rs10825568	10	57450216	0.0005175	-0.07397	0.0004939	.
rs7317117	13	71073228	0.0005175	0.09429	0.000395	.
rs28493969	21	27948627	0.0005175	0.1129	0.0005771	CYYR1(+3.046kb)
5:27668162	5	27668162	0.0005177	-0.08285	0.000968	.
rs13300244	9	74958635	0.0005177	0.07358	0.0009782	ZFAND5(-7.705kb)
rs9399068	6	99633011	0.0005178	-0.0838	0.0004783	.
rs10975385	9	607178	0.0005179	0.08329	0.000727	KANK1(0)
3:146363778	3	146363778	0.000518	0.3579	0.0005759	.
rs292093	11	86086393	0.0005185	-0.07262	0.00088	CCDC81(0)
rs11172717	12	59168763	0.0005191	0.1913	0.0008592	.
rs35486927	11	16528968	0.0005194	0.09895	0.0004188	.

rs2293659	12	59267701	0.0005196	0.1931	0.0009224	LRIG3(0)
rs4901459	14	54335992	0.0005198	-0.1252	0.0003168	.
rs919803	19	30987104	0.0005198	-0.08232	0.0002408	ZNF536(0)
rs2049366	9	110454145	0.0005199	0.07251	0.0006435	.
rs35798670	9	85483010	0.00052	-0.07767	0.0007491	.
rs13137768	4	35659062	0.0005202	-0.1223	0.0008712	.
rs13137779	4	35659075	0.0005202	-0.1223	0.0008712	.
rs6659977	1	33868066	0.0005209	-0.1246	0.0004018	.
rs10157574	1	33871072	0.0005209	-0.1246	0.0004018	.
13:88041553	13	88041553	0.0005209	0.07396	0.0009875	.
rs35319667	13	37171058	0.0005211	0.09877	0.0002655	.
rs10869180	9	75092054	0.0005212	-0.07236	0.0008269	.
rs2488688	10	29933714	0.0005216	-0.07147	0.0005353	SVIL(0)
rs2029976	14	52505811	0.0005222	-0.08163	0.0007521	NID2(0)
12:59174247	12	59174247	0.0005224	0.1911	0.000888	.
rs13013759	2	40170491	0.0005228	-0.1161	0.0006192	.
rs2984523	9	74992162	0.0005231	0.07242	0.0007915	ZFAND5(+12kb)
rs855835	1	64357060	0.0005232	0.1525	0.0002446	ROR1(0)
rs10825560	10	57427557	0.0005232	-0.07272	0.000535	.
rs7338843	13	99997020	0.0005234	-0.1251	0.0008091	UBAC2(0)
2:212886000	2	212886000	0.0005234	-0.1279	0.00087	ERBB4(0)
2:212886423	2	212886423	0.0005234	-0.1279	0.00087	ERBB4(0)
2:212887394	2	212887394	0.0005234	-0.1279	0.00087	ERBB4(0)
rs17770768	8	71930155	0.0005235	0.1306	0.0003966	.
rs58582179	4	35590926	0.0005238	-0.09556	0.0009298	.
rs10179986	2	134864344	0.0005242	-0.07683	0.0003755	.
rs56162973	13	99992047	0.0005245	-0.1251	0.0008107	UBAC2(0)
rs4513310	2	84855366	0.0005245	-0.07962	0.0008522	.
8:87226963	8	87226963	0.0005246	-0.09621	0.0006676	SLC7A13(0)
18:67889395	18	67889395	0.0005254	-0.2546	0.0009438	RTTN(+16.43kb)
18:67890763	18	67890763	0.0005254	-0.2546	0.0009438	RTTN(+17.8kb)
rs6560278	9	75094716	0.0005262	-0.07185	0.0007942	.
rs4339991	10	45018336	0.0005266	-0.1805	0.000566	.
rs627597	15	55767049	0.0005266	-0.079	0.0006237	DYX1C1(0)
rs214574	6	18265944	0.0005266	0.1051	0.0009308	DEK(+1.145kb)
rs4536445	15	92073211	0.0005268	0.07076	0.0008079	.
rs62459059	7	79183335	0.0005269	-0.1472	0.0008348	.
rs6855779	4	131345261	0.0005274	0.08189	0.0008956	.
rs2516593	14	52503369	0.0005276	-0.07533	0.0007058	NID2(0)
rs2749875	14	52503396	0.0005276	-0.07533	0.0007058	NID2(0)
rs9508921	13	20451818	0.000528	-0.1102	0.0008784	ZMYM5(+14.04kb)
rs9508922	13	20454181	0.000528	-0.1102	0.0008784	ZMYM5(+16.41kb)
rs1036735	2	104614524	0.000528	-0.104	0.0008392	.
rs1417270	9	85475020	0.0005284	-0.0776	0.0007493	.
rs11256280	10	9665353	0.0005287	0.07249	0.0004636	.
rs4747082	10	72466930	0.0005289	-0.1356	0.0003671	ADAMTS14(0)
rs1934858	6	50106286	0.0005291	0.09719	0.0004766	.

rs384228	16	79240436	0.0005295	-0.07274	0.0007188	WWOX(0)
rs13421788	2	13044658	0.0005307	-0.1413	0.0007395	.
rs6582065	12	72293166	0.0005312	-0.1234	0.0007289	TBC1D15(0)
10:21614386	10	21614386	0.0005313	0.1892	0.0003853	.
rs6972253	7	79169884	0.0005321	-0.1459	0.0008341	.
rs6958455	7	79170110	0.0005321	-0.1459	0.0008341	.
rs11766240	7	79170530	0.0005321	-0.1459	0.0008341	.
rs10953897	7	79170663	0.0005321	-0.1459	0.0008341	.
rs9386260	6	101329428	0.0005327	0.1744	0.0007701	ASCC3(+0.204kb)
18:66345768	18	66345768	0.0005331	0.1328	0.0002051	TXNDC10(0)
rs4545169	9	137781941	0.0005331	0.1224	0.0004766	FCN2(+2.575kb) FCN1(-19.49kb)
rs3742127	13	99979452	0.000534	-0.125	0.0008242	UBAC2(0) EBI2(+19.76kb)
13:99980032	13	99980032	0.000534	-0.125	0.0008242	UBAC2(0)
rs2177365	10	57426592	0.0005351	-0.07237	0.0005206	.
rs35335021	9	88220232	0.0005351	0.2117	0.0006761	AGTPBP1(0)
rs7772251	6	35107169	0.0005353	0.07668	0.0003898	TCP11(0)
rs2610868	10	55774892	0.0005355	-0.08781	0.0007211	PCDH15(0)
rs10014509	4	131389638	0.0005358	-0.07982	0.0006046	.
rs2168144	1	110657532	0.000536	-0.08984	0.0007083	UBL4B(+0.963kb)
rs62179537	2	217808661	0.000536	0.1657	0.0007276	.
2:217809399	2	217809399	0.000536	0.1657	0.0007276	.
rs7914545	10	57420576	0.0005363	-0.07308	0.0006097	.
rs6657339	1	240951919	0.0005368	0.07617	0.0008135	RGS7(0)
2:212895680	2	212895680	0.0005369	-0.1276	0.0008862	ERBB4(0)
rs10857	11	74353371	0.0005371	-0.09257	0.0004726	POLD3(0)
rs35496464	10	50290505	0.0005373	-0.1392	0.0008342	C10orf72(0)
rs9687430	5	34994827	0.0005374	0.0824	0.0003678	AGXT2(-3.378kb)
rs4239935	22	44942756	0.0005378	-0.07684	0.0005469	.
rs2049975	22	44942850	0.0005378	-0.07684	0.0005469	.
rs2049976	22	44942879	0.0005378	-0.07684	0.0005469	.
rs12882643	14	62376045	0.0005379	-0.08109	0.0009342	.
8:71505220	8	71505220	0.000538	0.1373	0.0004334	TRAM1(0)
8:71505663	8	71505663	0.000538	0.1373	0.0004334	TRAM1(0)
rs2957996	18	48051571	0.0005382	0.1076	0.0005512	.
rs6878567	5	27522224	0.0005387	0.07466	0.0006529	.
rs2852677	1	158863767	0.0005396	-0.08426	0.0004818	.
rs515047	6	100125874	0.0005403	0.09488	0.0009955	.
12:4811109	12	4811109	0.0005404	-0.09581	0.0003126	NDUFA9(+14.71kb) GALNT8(-18.64kb)
rs9552034	13	20451410	0.0005409	-0.1099	0.0008962	ZMYM5(+13.64kb)
1:171073971	1	171073971	0.0005411	0.2336	0.000679	FMO3(0)
1:171074177	1	171074177	0.0005411	0.2336	0.000679	FMO3(0)
rs28363540	1	171075407	0.0005411	0.2336	0.000679	FMO3(0)
rs9384729	6	110229927	0.0005411	0.07254	0.0008622	.
rs10763240	10	57459418	0.0005415	-0.07221	0.0005793	.
rs134209	22	35522842	0.0005416	-0.07395	0.0006413	.
rs1037599	5	97783491	0.0005417	0.07203	0.0007561	.
rs6841167	4	37990581	0.000542	0.07401	0.0004425	TBC1D1(0)

rs10966014	9	23671296	0.0005421	-0.08158	0.0005603	ELAVL2(-18.81kb)
rs10041105	5	27480630	0.0005424	0.07406	0.0005857	.
rs13153897	5	27571603	0.0005425	0.07449	0.0006498	.
11:35122936	11	35122936	0.0005432	-0.2204	0.0003923	.
4:112881140	4	112881140	0.0005437	0.1855	0.0006034	.
rs309250	18	66381558	0.0005438	0.1281	0.0002193	TXNDC10(0) CCDC102B(-0.932kb)
rs2239305	16	4037918	0.0005439	0.08434	0.0009615	ADCY9(0)
rs17686100	8	71507012	0.000544	0.1372	0.0004354	TRAM1(0)
rs2610871	10	55773904	0.0005441	-0.0871	0.0006887	PCDH15(0)
5:40099459	5	40099459	0.0005441	-0.103	0.0005429	.
rs62277160	3	146425905	0.0005445	0.3574	0.0005846	.
rs3781884	11	113217364	0.0005447	0.1198	0.000928	TTC12(0)
rs629413	15	53755084	0.0005448	-0.08706	0.0004624	.
13:99994854	13	99994854	0.0005449	-0.1249	0.0008179	UBAC2(0)
rs407083	16	79242444	0.0005458	-0.07234	0.0008755	WWOX(0)
rs11681987	2	208275968	0.0005463	-0.08485	0.0002328	.
10:85156461	10	85156461	0.0005469	0.1874	0.0006662	.
rs11198479	10	85157625	0.0005469	0.1874	0.0006662	.
rs13131650	4	35688954	0.0005471	-0.1073	0.0007383	.
rs1856165	10	110566771	0.0005473	0.07261	0.0008068	.
6:141394885	6	141394885	0.0005473	0.1798	0.0005496	.
rs1437654	18	48097922	0.0005475	-0.07326	0.0006989	MAPK4(0)
rs855832	1	64357527	0.000548	0.1526	0.00027	ROR1(0)
rs62171395	2	135476835	0.000548	-0.1032	0.0006837	TMEM163(+0.265kb)
rs7689408	4	190344706	0.000548	-0.07216	0.0006805	.
rs330862	6	100008287	0.000548	0.08979	0.0007469	CCNC(0)
rs56661887	4	35590897	0.0005484	-0.09525	0.0009685	.
rs61428470	4	35590900	0.0005484	-0.09525	0.0009685	.
rs12691685	2	144403649	0.0005487	0.1343	0.0008725	ARHGAP15(0)
rs34314628	2	135455231	0.0005489	-0.1042	0.0007221	TMEM163(0)
10:21579931	10	21579931	0.0005492	0.1789	0.0004045	.
rs17867819	7	126938590	0.0005495	-0.1073	0.0005486	.
rs10825581	10	57469216	0.0005498	-0.07274	0.0005689	.
rs10047849	14	54338254	0.0005503	-0.1071	0.0003647	.
rs6490492	13	20479624	0.0005504	-0.1105	0.0007754	.
14:105171985	14	105171985	0.0005504	-0.1337	0.000392	INF2(0) C14orf151(+0.84kb) ADSSL
rs7674979	4	35583495	0.0005505	-0.09314	0.000945	.
rs56390523	12	106304288	0.0005511	-0.07344	0.0009429	.
12:108975623	12	108975623	0.0005511	0.1005	0.0003732	TMEM119(-7.998kb) ISCU(+12.46kb)
rs368299	16	79247009	0.0005523	-0.07686	0.000724	WWOX(+0.445kb)
14:105172529	14	105172529	0.0005524	-0.1337	0.0003946	INF2(0) C14orf151(+1.384kb) ADSS
8:71475154	8	71475154	0.0005529	0.1392	0.0004315	TRAM1(-10.52kb)
rs7993927	13	99986537	0.0005536	-0.1246	0.0008543	UBAC2(0)
rs9399696	6	101295873	0.0005536	0.1716	0.0008173	ASCC3(0)
4:186176454	4	186176454	0.0005539	0.3464	0.0008407	SNX25(0)
rs58293390	8	71669442	0.000554	0.1401	0.0005009	.
10:85116728	10	85116728	0.0005542	0.1518	0.0007086	.

rs3799692	6	49826126	0.0005542	0.085	0.0005247	CRISP1(0)
7:79163782	7	79163782	0.0005546	-0.1531	0.0007923	.
rs2984526	9	74987260	0.0005546	0.07179	0.0008207	ZFAND5(+7.097kb)
rs2518525	1	158862449	0.0005547	-0.084	0.0005035	.
rs2852674	1	158862476	0.0005547	-0.084	0.0005035	.
rs2518528	1	158863774	0.0005547	-0.084	0.0005035	.
rs2518529	1	158865301	0.0005547	-0.084	0.0005035	.
rs2820140	1	158867289	0.0005547	-0.084	0.0005035	.
13:99984775	13	99984775	0.0005548	-0.1248	0.0008315	UBAC2(0)
rs1888254	20	6419300	0.0005552	0.07356	0.000358	.
rs1888255	20	6419320	0.0005552	0.07356	0.000358	.
rs3886049	6	99895335	0.0005552	0.08937	0.0007216	USP45(0)
rs3886048	6	99895392	0.0005552	0.08937	0.0007216	USP45(0)
rs12526931	6	99897586	0.0005552	0.08937	0.0007216	USP45(0)
rs12526934	6	99897622	0.0005552	0.08937	0.0007216	USP45(0)
rs11756233	6	99899260	0.0005552	0.08937	0.0007216	USP45(0)
rs11757056	6	99901957	0.0005552	0.08937	0.0007216	USP45(0)
rs11754659	6	99902096	0.0005552	0.08937	0.0007216	USP45(0)
rs11154862	6	99902611	0.0005552	0.08937	0.0007216	USP45(0)
rs35535366	6	99904096	0.0005552	0.08937	0.0007216	USP45(0)
rs17181306	6	99905520	0.0005552	0.08937	0.0007216	USP45(0)
rs34947476	2	135486150	0.0005553	-0.1032	0.0007059	TMEM163(+9.58kb)
rs34405766	2	135486189	0.0005553	-0.1032	0.0007059	TMEM163(+9.619kb)
rs12501496	4	190352243	0.0005553	0.08017	0.0006261	.
rs7750567	6	167189674	0.0005557	-0.1019	0.0006238	RPS6KA2(0)
rs508614	5	39927851	0.0005558	-0.0711	0.0003646	.
rs17759131	8	71515255	0.0005559	0.1369	0.0004481	TRAM1(0)
8:71517318	8	71517318	0.0005559	0.1369	0.0004481	TRAM1(0)
8:71517424	8	71517424	0.0005559	0.1369	0.0004481	TRAM1(0)
rs3923637	8	87231563	0.0005561	-0.0972	0.000661	SLC7A13(0)
rs2954344	8	87238494	0.0005562	-0.09569	0.0007135	SLC7A13(0)
rs2976186	8	87240007	0.0005562	-0.09569	0.0007135	SLC7A13(0)
rs6951422	7	109732506	0.0005566	0.09688	0.0004569	.
rs11682480	2	208136668	0.0005567	-0.1142	0.0004128	.
rs1016402	2	208140317	0.0005567	-0.1142	0.0004128	.
rs4303702	2	208141493	0.0005567	-0.1142	0.0004128	.
rs11172790	12	59268740	0.0005569	0.1921	0.0009851	LRIG3(0)
4:56160884	4	56160884	0.0005584	0.1433	0.0008482	.
rs9915021	17	33976619	0.000559	-0.1491	0.0008128	AP2B1(0)
rs13414268	2	84791629	0.0005593	-0.07977	0.0007461	DNHL1(0)
18:66341658	18	66341658	0.0005597	0.1333	0.0002133	TXNDC10(0)
rs9506398	13	20477221	0.0005614	-0.1099	0.0008024	.
rs2986384	1	230888588	0.0005626	-0.08283	0.0007669	CAPN9(0)
rs2109280	7	146392067	0.0005626	-0.1081	0.0005295	CNTNAP2(0)
rs1072972	7	146393317	0.0005626	-0.1081	0.0005295	CNTNAP2(0)
rs1072973	7	146393395	0.0005626	-0.1081	0.0005295	CNTNAP2(0)
rs1987169	11	66448044	0.0005636	0.08168	0.0006229	SPTBN2(-4.678kb) RBM4B(+2.769kb)

rs17488799	4	35582506	0.0005638	-0.09323	0.0009762	.
rs546266	18	12492711	0.000564	0.09736	0.0005698	SPIRE1(0)
rs9886465	8	71088730	0.0005641	0.08547	0.0006972	NCOA2(0)
rs11973182	7	49659728	0.0005645	-0.08312	0.0007081	.
rs562753	6	100118912	0.0005648	0.0947	0.0009588	.
6:85377410	6	85377410	0.0005648	0.2028	0.000583	.
rs4650987	1	177951803	0.0005649	-0.08641	0.000815	SEC16B(+12.75kb)
rs1916483	10	57560588	0.000565	-0.09896	0.0009635	.
rs9487253	6	110231687	0.000565	-0.07076	0.0006945	.
10:93031066	10	93031066	0.0005658	0.1698	0.0008607	PCGF5(0)
rs35222869	10	93031203	0.0005658	0.1698	0.0008607	PCGF5(0)
12:59158391	12	59158391	0.0005658	0.186	0.0008154	.
rs491178	6	100116745	0.000566	0.095	0.0009866	.
11:22980614	11	22980614	0.0005661	-0.09494	0.0006289	.
rs17241417	13	20282946	0.0005661	-0.1087	0.0008155	PSPC1(0)
10:101475680	10	101475680	0.0005668	-0.1292	0.0004615	ENTPD7(+4.678kb) CUTC(-16.28kb)
18:24961068	18	24961068	0.0005669	0.1148	0.0008276	.
8:71480283	8	71480283	0.0005674	0.1389	0.000444	TRAM1(-5.389kb)
rs1863393	15	60242626	0.0005682	-0.09142	0.0006429	.
rs564733	6	100118449	0.0005682	0.09511	0.0009491	.
7:131864104	7	131864104	0.0005682	-0.1875	0.0005775	PLXNA4(0)
rs2888970	12	108989618	0.0005685	0.07449	0.0005451	TMEM119(0)
rs7743320	6	49812839	0.0005685	0.08518	0.0005386	CRISP1(0)
rs6140000	20	6435839	0.0005693	-0.07408	0.0002345	.
rs1331386	9	78781260	0.0005693	-0.1101	0.0009063	PCSK5(0)
rs7692271	4	35583363	0.0005696	-0.09296	0.0009139	.
rs4709112	6	166751839	0.0005698	0.08087	0.0005639	SFT2D1(0)
rs211227	6	99001499	0.0005698	0.1161	0.0009019	.
rs9371645	6	153209197	0.0005701	0.1397	0.0009143	.
rs12034316	1	240961334	0.0005702	0.07463	0.0006669	RGS7(0)
rs418017	16	79245145	0.0005705	-0.07703	0.0009433	WVOX(0)
rs57718059	14	105171619	0.0005706	-0.133	0.0004103	INF2(0) C14orf151(+0.474kb) ADSS
10:72461515	10	72461515	0.000571	-0.1353	0.0003924	ADAMTS14(0)
rs9305313	21	28753885	0.0005711	0.2156	0.0005431	.
5:34975352	5	34975352	0.0005711	0.1342	0.0003327	DNAJC21(+16.28kb)
5:34976858	5	34976858	0.0005711	0.1342	0.0003327	DNAJC21(+17.79kb)
rs4945844	6	110209802	0.0005713	-0.0696	0.0007711	.
rs11660095	18	48087043	0.0005726	-0.07324	0.000695	MAPK4(0)
rs872554	3	122877390	0.0005728	-0.08728	0.0004952	PDIA5(0)
rs11004985	10	57470008	0.0005729	-0.07209	0.0005505	.
1:181060231	1	181060231	0.0005733	0.09988	0.0009934	IER5(+0.252kb)
7:55950063	7	55950063	0.0005733	-0.09684	0.0005786	sep/14(+19.58kb)
rs62357031	5	34991418	0.0005734	0.08074	0.0003633	AGXT2(-6.787kb)
rs1363413	5	151754989	0.0005737	-0.1029	0.000852	NMUR2(-16.11kb)
rs28709789	7	130928244	0.0005747	0.1176	0.0001169	.
rs17694970	18	40182606	0.0005756	-0.09847	0.0006101	.
rs56172004	4	170825458	0.0005759	0.07754	0.0007046	.

rs7086965	10	2167778	0.0005775	0.07046	0.0007782	.
rs35836646	18	48088557	0.0005779	-0.07317	0.0006656	MAPK4(0)
12:72294225	12	72294225	0.0005783	-0.1229	0.0008363	TBC1D15(0)
rs16874400	8	107339471	0.0005783	-0.3458	0.0006038	OXR1(0)
rs6998609	8	71097718	0.0005795	0.08524	0.000715	NCOA2(0)
rs4380038	15	92073257	0.0005798	0.0702	0.0008911	.
rs13361642	5	31250524	0.0005801	0.1903	0.0003961	CDH6(0)
12:86621680	12	86621680	0.0005807	-0.1809	0.0008913	MGAT4C(0)
rs62506890	8	71832173	0.0005812	0.1331	0.0004971	.
rs16796	19	31030768	0.0005815	-0.1007	0.0005646	ZNF536(0)
rs10026321	4	131389611	0.0005815	-0.07921	0.0006635	.
2:134867470	2	134867470	0.000582	-0.08841	0.0006466	.
rs4419487	4	131295407	0.0005822	0.08425	0.0007266	.
8:71519415	8	71519415	0.0005824	0.1364	0.0004708	TRAM1(0)
8:71519477	8	71519477	0.0005824	0.1364	0.0004708	TRAM1(0)
rs13223447	7	66892129	0.0005826	0.07536	0.0008123	.
rs7503503	17	60272298	0.0005831	0.1057	0.0009629	.
rs1388505	3	68373086	0.0005832	-0.1016	0.0007546	FAM19A1(0)
rs7087129	10	1449140	0.0005837	-0.07822	0.0008239	ADARB2(0)
rs10255606	7	12624843	0.000584	0.07155	0.0004475	SCIN(0)
rs2830290	21	27956507	0.0005843	0.1261	0.0005134	CYYR1(+10.93kb)
rs2871438	4	186155104	0.0005849	0.282	0.0007471	SNX25(0)
rs4954177	2	135543933	0.0005851	-0.1035	0.0008689	.
rs746994	5	135483013	0.0005854	0.08953	0.0007385	SMAD5(0)
8:13645485	8	13645485	0.0005857	0.1387	0.000906	.
rs7815668	8	41696104	0.0005863	0.07441	0.0004338	.
rs55833158	3	72550920	0.0005877	0.07226	0.0004756	.
4:170824933	4	170824933	0.0005877	0.07739	0.0007662	.
rs2049977	22	44943014	0.000588	-0.07628	0.0005979	.
5:1096373	5	1096373	0.000589	0.1536	0.000558	SLC12A7(0)
rs11749482	5	27564347	0.0005898	0.07404	0.0007191	.
rs12188900	5	27568340	0.0005901	0.07416	0.0007189	.
rs2954347	8	87241715	0.0005904	-0.09598	0.0007703	SLC7A13(0)
rs9459654	6	166744444	0.0005911	0.08073	0.0005512	SFT2D1(0)
rs6927168	6	166745394	0.0005911	0.08073	0.0005512	SFT2D1(0)
rs17283514	7	12616129	0.0005912	0.07116	0.0004907	SCIN(0)
rs4939988	18	48088242	0.0005913	-0.0731	0.0007294	MAPK4(0)
11:22983140	11	22983140	0.0005914	-0.09076	0.000653	.
11:22983170	11	22983170	0.0005914	-0.09076	0.000653	.
11:22983482	11	22983482	0.0005914	-0.09076	0.000653	.
11:22984676	11	22984676	0.0005914	-0.09076	0.000653	.
11:22985044	11	22985044	0.0005914	-0.09076	0.000653	.
11:22985665	11	22985665	0.0005914	-0.09076	0.000653	.
11:22985766	11	22985766	0.0005914	-0.09076	0.000653	.
rs927268	14	99000865	0.0005914	0.1711	0.000341	.
rs481296	11	66419554	0.0005918	0.08073	0.0006977	RBM4B(-12.91kb) RBM4(+5.614kb)
12:84142565	12	84142565	0.0005934	0.2922	0.0008469	.

rs4352795	7	49660459	0.0005946	-0.08282	0.0007365	.
rs1533050	4	131300102	0.0005952	-0.07738	0.0007569	.
11:22981254	11	22981254	0.0005963	-0.09073	0.0006574	.
rs7963923	12	106258749	0.0005963	0.07383	0.000772	.
rs672990	5	31384224	0.0005965	0.1005	0.000641	RNASEN(-16.38kb)
rs5765799	22	44943987	0.0005967	-0.07626	0.0005966	.
rs10504821	8	87167184	0.0005968	-0.0789	0.0006902	ATP6V0D2(+0.73kb)
rs802401	7	90614790	0.000597	0.07843	0.000766	PFTK1(0)
rs7183689	15	80164190	0.0005972	-0.07678	0.0007257	MTHFS(0)
rs976596	10	2175957	0.0005973	0.07196	0.0008106	.
10:21609434	10	21609434	0.0005974	0.1831	0.0004345	.
rs11749134	5	114826086	0.0005975	0.07455	0.0007796	.
rs17394213	4	95476789	0.0005982	0.07276	0.0005533	PDLIM5(0)
rs11618451	13	99937556	0.0005984	-0.1236	0.0009255	UBAC2(0) EBI2(-9.232kb)
rs1531704	8	71501945	0.0005992	0.1368	0.0005733	TRAM1(0)
rs6761929	2	135462534	0.0006	-0.1026	0.0008879	TMEM163(0)
rs4631531	9	75115405	0.0006015	-0.07122	0.0009082	.
rs4073227	9	75119808	0.0006015	-0.07122	0.0009082	TMC1(-16.91kb)
rs12186432	5	34993634	0.0006029	0.08046	0.0003871	AGXT2(-4.571kb)
rs2984519	9	74997987	0.000603	0.07117	0.0009905	ZFAND5(+17.82kb)
rs28579855	8	120870707	0.0006032	0.2981	0.0004914	DSCC1(+2.558kb) DEPDC6(-15.19kb)
8:120870743	8	120870743	0.0006032	0.2981	0.0004914	DSCC1(+2.594kb) DEPDC6(-15.16kb)
rs28575743	8	120872055	0.0006032	0.2981	0.0004914	DSCC1(+3.906kb) DEPDC6(-13.84kb)
rs28723382	8	120872081	0.0006032	0.2981	0.0004914	DSCC1(+3.932kb) DEPDC6(-13.82kb)
8:120872624	8	120872624	0.0006032	0.2981	0.0004914	DSCC1(+4.475kb) DEPDC6(-13.28kb)
rs7843631	8	120873540	0.0006032	0.2981	0.0004914	DSCC1(+5.391kb) DEPDC6(-12.36kb)
rs12386813	8	120874377	0.0006032	0.2981	0.0004914	DSCC1(+6.228kb) DEPDC6(-11.52kb)
rs920778	12	54360232	0.0006041	0.07577	0.0006548	HOXC13(+19.9kb) HOXC11(-6.677kb)
8:87227725	8	87227725	0.0006042	-0.09513	0.0007766	SLC7A13(0)
rs2270934	5	34924857	0.0006043	0.1357	0.000331	RAD1(+6.475kb) DNAJC21(-4.84kb)
rs2045531	18	48087649	0.0006044	-0.0731	0.0006864	MAPK4(0)
rs34204436	13	20469315	0.000605	-0.1088	0.0008786	.
rs34907406	2	217774931	0.0006054	0.1721	0.0007792	.
rs9404063	6	101387049	0.0006059	0.1627	0.0007288	.
rs57402537	14	105173454	0.0006065	-0.1327	0.0004358	INF2(0) C14orf151(+2.309kb) ADSS
rs10001417	4	131392651	0.0006066	-0.07909	0.0006716	.
rs7592128	2	135482870	0.000607	-0.101	0.0007914	TMEM163(+6.3kb)
8:13645241	8	13645241	0.000607	0.1383	0.000935	.
rs12757317	1	230419308	0.0006072	-0.08521	0.0003957	GALNT2(+1.362kb)
rs7914742	10	57490951	0.0006098	-0.07183	0.0006314	.
rs2830292	21	27958588	0.0006098	0.09303	0.0003678	CYR1(+13.01kb)
rs56185279	5	1615546	0.0006101	-0.09872	0.0005692	.
rs56124708	15	27324650	0.0006104	0.09217	0.0005442	.
rs4887549	15	27324942	0.0006104	0.09217	0.0005442	.
2:40181517	2	40181517	0.0006106	-0.1181	0.0006347	.
rs10517354	4	35689019	0.0006121	-0.1064	0.0008321	.
rs11004980	10	57465535	0.0006129	-0.07135	0.0006505	.

rs508922	5	39851523	0.0006132	-0.07156	0.0004334	.
21:39010677	21	39010677	0.0006137	-0.143	0.000893	KCNJ6(0)
rs10511996	9	75081322	0.000614	-0.07195	0.0009476	.
rs753700	9	74997042	0.0006141	0.07124	0.0009529	ZFAND5(+16.88kb)
rs1340843	6	50085467	0.0006151	0.09461	0.0006045	.
rs10763243	10	57461608	0.0006156	-0.07168	0.000701	.
rs62508811	8	71705071	0.0006156	0.134	0.0005263	.
rs365659	13	113493508	0.0006157	0.07661	0.0005489	ATP11A(0)
rs9999086	4	170803568	0.000616	-0.07143	0.0005521	.
rs10835642	11	30288269	0.0006161	-0.08405	0.0005733	.
rs4379811	11	30294760	0.0006161	-0.08405	0.0005733	.
rs3858428	11	30296550	0.0006161	-0.08405	0.0005733	.
rs9853140	3	84065192	0.0006163	-0.1314	0.0008914	.
12:58366354	12	58366354	0.0006168	-0.1722	0.0005343	XRCC6BP1(+15.3kb)
rs2326784	20	6431625	0.0006171	-0.07209	0.0002856	.
rs2210122	20	6431823	0.0006171	-0.07209	0.0002856	.
rs6054268	20	6431914	0.0006171	-0.07209	0.0002856	.
rs4947029	6	110205998	0.0006171	-0.06901	0.0008448	.
8:13644566	8	13644566	0.0006178	0.1381	0.0009435	.
rs1481902	8	13644746	0.0006178	0.1381	0.0009435	.
rs35244596	2	217773285	0.0006182	0.1718	0.0008018	.
rs62181785	2	217773767	0.0006182	0.1718	0.0008018	.
rs62181787	2	217774117	0.0006182	0.1718	0.0008018	.
rs17528634	5	58575409	0.0006182	0.1079	0.0005116	PDE4D(0)
5:58575626	5	58575626	0.0006182	0.1079	0.0005116	PDE4D(0)
rs8034160	15	92074187	0.0006183	0.07044	0.0009592	.
8:71502575	8	71502575	0.0006184	0.1498	0.0004852	TRAM1(0)
rs10106826	8	19156035	0.0006185	-0.2129	0.0009304	SH2D4A(-15.17kb)
rs315702	9	114570174	0.0006186	-0.07196	0.0008903	.
rs11103877	12	86565587	0.0006193	-0.1864	0.0008666	MGAT4C(0)
6:47083888	6	47083888	0.0006194	-0.1334	0.0006072	.
rs2109372	7	90603594	0.0006196	0.0814	0.0007483	PFTK1(0)
rs9374139	6	110229956	0.0006202	0.07144	0.0008398	.
rs13381485	18	7950254	0.0006204	0.08925	0.0003332	PTPRM(0)
rs11084491	19	30734108	0.0006206	-0.07226	0.0004185	.
rs6481178	10	57476455	0.0006208	0.07332	0.0005751	.
rs2201281	12	86573081	0.0006212	-0.1864	0.0008749	MGAT4C(0)
rs750785	2	129116922	0.0006213	-0.07748	0.0004785	.
rs61412217	8	71499109	0.0006213	0.1367	0.0004867	TRAM1(0)
rs59288687	21	27112274	0.0006214	-0.1227	0.0006799	GABPA(0) ATP5J(+4.309kb)
rs55834259	5	27574418	0.0006221	0.07371	0.0008072	.
rs4939635	18	48093257	0.0006225	-0.07272	0.0007315	MAPK4(0)
rs4939636	18	48093387	0.0006225	-0.07272	0.0007315	MAPK4(0)
rs12967875	18	48094298	0.0006225	-0.07272	0.0007315	MAPK4(0)
rs728682	18	48095354	0.0006225	-0.07272	0.0007315	MAPK4(0)
rs8089517	18	48096752	0.0006225	-0.07272	0.0007315	MAPK4(0)
rs1376477	3	63442932	0.0006225	-0.1051	0.0007965	SYNPR(0)

4:7791308	4	7791308	0.0006226	0.1247	0.0008571	AFAP1(0)
rs9659796	1	33830730	0.000623	-0.1229	0.0004892	PHC2(0)
rs4548978	18	48090702	0.000624	-0.07277	0.0007591	MAPK4(0)
rs2668537	4	54569983	0.0006245	0.072	0.0005217	.
rs9487242	6	110189212	0.0006248	-0.06884	0.000907	.
rs7079407	10	129211739	0.000625	0.0853	0.0004087	.
rs10217684	9	114447715	0.0006251	-0.07141	0.0007999	LOC552891(+15.21kb) GNG10(+15.19
rs4073226	9	75119753	0.0006254	-0.07107	0.0009382	TMC1(-16.96kb)
rs10793795	5	114823240	0.0006257	0.0742	0.000802	.
rs12153292	5	114823531	0.0006257	0.0742	0.000802	.
rs12746334	1	235708538	0.0006263	-0.1247	0.0009404	GNG4(-2.446kb)
rs17802367	3	9380333	0.0006263	-0.1148	0.0006864	.
rs2976189	8	87235273	0.0006267	-0.09493	0.0007628	SLC7A13(0)
rs877707	4	7792662	0.0006269	0.1235	0.0008771	AFAP1(0)
rs28623288	15	92076063	0.0006275	0.06985	0.0009742	.
rs1506179	5	40077798	0.0006277	-0.09919	0.0007123	.
rs2533102	7	146394489	0.0006277	-0.1074	0.000593	CNTNAP2(0)
rs34793213	19	17011565	0.0006278	0.07483	0.0008978	F2RL3(+8.735kb) CPAMD8(0)
rs2350620	8	62497607	0.000628	-0.07382	0.0003545	ASPH(0)
rs9457222	6	167216478	0.0006282	-0.1033	0.0005587	RPS6KA2(0)
rs13236592	7	46090043	0.0006298	-0.09815	0.0004624	.
rs62530775	8	71605927	0.0006299	0.1302	0.0004779	XKR9(0)
rs62530777	8	71606886	0.0006299	0.1302	0.0004779	XKR9(0)
rs62171424	2	135549113	0.0006306	-0.1036	0.0009134	.
rs9508798	13	31131436	0.0006314	-0.1143	0.0008399	.
rs1546776	7	70449531	0.0006323	0.1387	0.0009505	.
rs10022683	4	131314343	0.0006327	-0.07976	0.0007027	.
rs11618955	13	100015080	0.0006331	-0.1239	0.0008873	UBAC2(0)
rs3779647	8	30560887	0.0006334	0.07027	0.0005507	GSR(0)
rs860636	1	158894050	0.0006336	-0.08345	0.0006644	PYHIN1(-7.291kb)
rs55929045	16	87041515	0.0006345	0.1768	0.0003109	.
rs12509540	4	131297208	0.0006349	-0.07593	0.0007999	.
5:41573163	5	41573163	0.000635	-0.2719	0.0006983	.
5:41573275	5	41573275	0.000635	-0.2719	0.0006983	.
rs12563115	1	230417990	0.0006356	-0.08642	0.0004383	GALNT2(+0.044kb)
rs7630889	3	84084179	0.0006357	-0.1308	0.0008958	.
rs2081105	5	39908001	0.0006359	-0.1032	0.0006774	.
rs10175295	2	13048896	0.0006363	-0.1496	0.0006869	.
rs10504489	8	71857510	0.0006365	0.1346	0.0005002	.
19:31048593	19	31048593	0.0006374	-0.09986	0.000487	ZNF536(0)
2:134869683	2	134869683	0.0006375	-0.08769	0.0007044	.
rs9398225	6	110216351	0.0006377	-0.06864	0.0008273	.
9:85992350	9	85992350	0.0006387	-0.1237	0.0004726	FRMD3(0)
10:21578237	10	21578237	0.000639	0.1853	0.0004407	.
rs11683171	2	208229164	0.000639	-0.08748	0.0002538	.
rs62124498	2	13062200	0.0006394	-0.1471	0.0006194	.
rs28478106	4	131481371	0.0006394	-0.08264	0.0005815	.

8:71489189	8	71489189	0.0006395	0.1363	0.0005052	TRAM1(0)
rs7015016	8	71490446	0.0006395	0.1363	0.0005052	TRAM1(0)
rs61065292	8	71495847	0.0006395	0.1363	0.0005052	TRAM1(0)
rs36093720	18	7954026	0.0006406	0.08831	0.0003132	PTPRM(0)
rs61950626	13	20464782	0.0006408	-0.1094	0.000973	.
rs9356478	6	166751416	0.0006414	0.07995	0.0006153	SFT2D1(0)
rs1423261	5	39921531	0.0006416	-0.09891	0.0007558	.
rs4277117	11	66351549	0.0006419	0.08155	0.0006821	CTS(+15.5kb) CCS(-9.14kb) CCDC8
rs17128140	8	19153782	0.0006423	-0.2123	0.0009658	SH2D4A(-17.42kb)
rs7835531	8	19154158	0.0006423	-0.2123	0.0009658	SH2D4A(-17.05kb)
rs6941085	6	110213469	0.0006429	-0.06859	0.0008343	.
13:99938100	13	99938100	0.0006431	-0.1237	0.0009346	UBAC2(0) EBI2(-8.688kb)
rs4291146	7	67018078	0.0006431	0.1244	0.0006148	.
rs12005469	9	75096610	0.0006439	-0.07105	0.0009701	.
6:85361440	6	85361440	0.0006451	0.2019	0.0005984	.
rs1916521	10	57416961	0.0006458	-0.07369	0.0006798	.
rs13167822	5	27579369	0.0006464	0.07405	0.0008059	.
rs1496089	1	187291219	0.0006471	0.07848	0.0008441	.
rs17128148	8	19156929	0.0006473	-0.2146	0.0009231	SH2D4A(-14.28kb)
rs9718857	7	46090767	0.0006475	-0.09786	0.0004745	.
rs3853390	3	173323278	0.0006478	-0.1126	0.0009014	NLGN1(0)
rs11831622	12	72232186	0.0006482	-0.1231	0.0007686	TBC1D15(-1.352kb)
rs4404645	5	27579863	0.000649	0.07328	0.0008613	.
rs62351179	5	27579894	0.000649	0.07328	0.0008613	.
rs2876918	5	27579947	0.000649	0.07328	0.0008613	.
rs2876919	5	27579997	0.000649	0.07328	0.0008613	.
rs9302086	13	96422818	0.0006496	-0.09092	0.000684	DNAJC3(0)
rs12675129	8	14464688	0.0006496	-0.0962	0.0009852	SGCZ(0)
rs35045592	8	71247253	0.00065	0.08513	0.0006657	NCOA2(0)
rs4823243	22	44943133	0.0006504	-0.0757	0.0006845	.
rs7740265	6	110229590	0.0006512	0.07201	0.0007281	.
rs10751329	10	44142602	0.0006519	0.08108	0.0008294	ZNF32(0)
5:31178840	5	31178840	0.0006521	0.1846	0.0005285	CDH6(-14.96kb)
rs3757918	8	30562121	0.0006523	0.07077	0.0005134	GSR(0)
5:34993184	5	34993184	0.0006529	0.07988	0.0004193	AGXT2(-5.021kb)
4:131377728	4	131377728	0.0006532	-0.07967	0.0006631	.
rs62351178	5	27579782	0.0006538	0.074	0.000905	.
rs7012755	8	120876172	0.0006543	0.2997	0.0005279	DSCC1(+8.023kb) DEPDC6(-9.727kb)
rs35188069	13	20461163	0.0006545	-0.1086	0.0009344	.
rs1317265	8	62498996	0.0006547	-0.07361	0.0003704	ASPH(0)
rs28695823	8	62503930	0.0006547	-0.07361	0.0003704	ASPH(0)
rs1988036	5	39848217	0.0006549	-0.09425	0.0006694	.
rs6451461	5	39849500	0.0006549	-0.09425	0.0006694	.
rs6020420	20	48901345	0.0006552	0.07468	0.0006471	.
2:208152424	2	208152424	0.0006557	-0.1101	0.000456	.
11:22907380	11	22907380	0.000656	-0.08849	0.0006458	.
rs12055985	7	49649380	0.000656	-0.08198	0.0008235	.

rs11762861	7	49654764	0.000656	-0.08198	0.0008235	.
rs4947034	6	110219469	0.0006562	-0.06968	0.0008129	.
rs11239111	10	45016980	0.0006572	-0.1591	0.000639	.
rs9915141	17	13029654	0.0006575	-0.1116	0.0009171	.
rs1944935	11	74379166	0.0006577	-0.09033	0.0005735	.
rs6994556	8	38324616	0.0006577	0.07128	0.000697	FGFR1(0)
rs62179773	2	217832809	0.0006586	0.1603	0.0008	.
rs6774209	3	182059448	0.0006587	0.09055	0.0006708	.
rs17289828	3	182060941	0.0006587	0.09055	0.0006708	.
rs2811762	9	139785471	0.0006591	-0.08825	0.0008475	TRAF2(0)
rs2958001	18	48039914	0.0006594	0.1067	0.0006454	.
rs9850746	3	145683422	0.0006602	0.07248	0.0006259	.
rs59103566	9	85468166	0.0006602	-0.07636	0.0009795	.
rs4384034	9	607005	0.0006603	0.08164	0.0009368	KANK1(0)
rs11742119	5	88780645	0.0006604	0.1387	0.0003554	.
rs35291207	3	9391414	0.0006608	-0.1142	0.000699	THUMPD3(-13.3kb)
rs35405132	3	9391420	0.0006608	-0.1142	0.000699	THUMPD3(-13.3kb)
rs681880	5	41584737	0.0006609	-0.1415	0.0008584	.
rs1262923	6	16811646	0.000661	-0.2125	0.0006618	.
rs10866505	5	14006377	0.0006613	-0.07437	0.0004267	.
rs4738075	8	71087295	0.0006635	0.08443	0.0008162	NCOA2(0)
rs10043361	5	40089985	0.0006637	-0.1002	0.0006964	.
2:208152520	2	208152520	0.0006638	-0.1099	0.0004573	.
rs4326028	4	131305286	0.0006642	-0.07565	0.0007935	.
6:47091338	6	47091338	0.0006647	-0.1342	0.0006059	.
12:4777474	12	4777474	0.0006653	-0.09687	0.0003636	NDUFA9(0)
rs2122692	12	57510511	0.0006654	0.07095	0.0004379	STAT6(+5.35kb) LRP1(-11.77kb)
rs7756582	6	123248190	0.0006654	0.07292	0.0006426	.
rs4737301	8	71120213	0.0006656	0.08757	0.0007181	NCOA2(0)
20:60957904	20	60957904	0.0006657	-0.2119	0.000892	RPS21(-4.216kb) LAMA5(+15.54kb)
rs10733936	10	57461353	0.0006658	-0.07153	0.0007108	.
rs2829879	21	27087290	0.0006658	-0.09568	0.0008471	JAM2(+0.055kb) ATP5J(-9.5kb)
rs6516687	21	27086413	0.0006659	-0.09565	0.0008891	JAM2(0) ATP5J(-10.38kb)
rs10763242	10	57461003	0.000666	-0.07283	0.0006783	.
rs7990340	13	34691840	0.0006666	-0.07716	0.0006675	.
rs7950287	11	16492118	0.0006674	0.09544	0.0004108	SOX6(0)
1:33896654	1	33896654	0.0006677	-0.1304	0.0004702	.
rs9498439	6	101404768	0.0006679	0.1689	0.0009161	.
rs1358758	6	101411891	0.0006679	0.1689	0.0009161	.
rs7097399	10	129218901	0.0006681	0.081	0.0007903	.
rs334578	5	31366574	0.0006694	0.1008	0.0005887	.
rs10857144	4	131479008	0.0006703	-0.08246	0.000604	.
3:36529733	3	36529733	0.0006706	-0.2398	0.0006011	STAC(0)
3:36532082	3	36532082	0.0006706	-0.2398	0.0006011	STAC(0)
rs11683797	2	208152159	0.000671	-0.1117	0.0004665	.
2:208248404	2	208248404	0.0006715	-0.08893	0.0002223	.
rs11044882	12	19970967	0.0006717	-0.06995	0.0008562	.

rs4742480	9	844787	0.0006719	0.1453	0.000727	DMRT1(0)
5:34963884	5	34963884	0.0006726	0.1455	0.0003937	DNAJC21(+4.815kb)
rs1535254	20	60954661	0.0006728	-0.2117	0.0009062	RPS21(-7.459kb) LAMA5(+12.29kb)
20:60956238	20	60956238	0.0006728	-0.2117	0.0009062	RPS21(-5.882kb) LAMA5(+13.87kb)
20:60957608	20	60957608	0.0006728	-0.2117	0.0009062	RPS21(-4.512kb) LAMA5(+15.24kb)
rs7757549	6	166744262	0.0006734	0.07996	0.0006324	SFT2D1(0)
rs7893638	10	110518598	0.000674	0.0793	0.0006917	.
rs4444009	10	110481202	0.0006742	0.07983	0.0005666	.
rs8001952	13	20478941	0.0006744	-0.1084	0.0009576	.
rs13167823	5	27579371	0.0006746	0.07375	0.0008383	.
rs11966381	6	167192071	0.0006754	-0.102	0.0008046	RPS6KA2(0)
rs62354163	5	27473229	0.0006755	0.074	0.0006256	.
rs11969416	6	167192106	0.0006757	-0.1003	0.0007686	RPS6KA2(0)
rs13387517	2	217818312	0.0006765	0.1626	0.0008504	.
21:27148547	21	27148547	0.0006768	-0.1291	0.0009757	GABPA(+3.776kb)
rs12664068	6	101362098	0.0006772	0.1816	0.0007862	.
rs2227356	19	17003405	0.0006775	0.07386	0.0009823	SIN3B(+12.24kb) F2RL3(+0.575kb)
1:182808173	1	182808173	0.0006778	0.1899	0.0007526	NPL(+9.585kb) DHX9(-0.277kb)
1:182813184	1	182813184	0.0006778	0.1899	0.0007526	NPL(+14.6kb) DHX9(0)
1:182816909	1	182816909	0.0006778	0.1899	0.0007526	NPL(+18.32kb) DHX9(0)
1:182819455	1	182819455	0.0006778	0.1899	0.0007526	DHX9(0)
1:182820265	1	182820265	0.0006778	0.1899	0.0007526	DHX9(0)
rs7531833	1	182829727	0.0006778	0.1899	0.0007526	DHX9(0)
1:182830521	1	182830521	0.0006778	0.1899	0.0007526	DHX9(0)
rs16859774	1	182832797	0.0006778	0.1899	0.0007526	DHX9(0)
rs7513997	1	182834115	0.0006778	0.1899	0.0007526	DHX9(0)
1:182842449	1	182842449	0.0006778	0.1899	0.0007526	DHX9(0)
1:182851049	1	182851049	0.0006778	0.1899	0.0007526	DHX9(0) C1orf14(-17.95kb)
rs2642481	7	146391055	0.0006779	-0.1058	0.0005889	CNTNAP2(0)
rs9902964	17	32142960	0.000678	0.1612	0.0009534	ACCN1(0)
rs6508008	18	48101830	0.0006784	-0.07222	0.0008058	MAPK4(0)
8:71520915	8	71520915	0.0006786	0.1345	0.0005562	TRAM1(+0.311kb)
rs55742988	8	71523477	0.0006786	0.1345	0.0005562	TRAM1(+2.873kb)
8:71525157	8	71525157	0.0006786	0.1345	0.0005562	TRAM1(+4.553kb)
8:71525880	8	71525880	0.0006786	0.1345	0.0005562	TRAM1(+5.276kb)
rs16937156	8	71529295	0.0006786	0.1345	0.0005562	TRAM1(+8.691kb)
8:71537387	8	71537387	0.0006786	0.1345	0.0005562	TRAM1(+16.78kb) LACTB2(-12.1kb)
8:71537450	8	71537450	0.0006786	0.1345	0.0005562	TRAM1(+16.85kb) LACTB2(-12.04kb)
rs17686770	8	71546339	0.0006786	0.1345	0.0005562	LACTB2(-3.151kb)
8:71551154	8	71551154	0.0006786	0.1345	0.0005562	LACTB2(0)
rs56714105	8	71552434	0.0006786	0.1345	0.0005562	LACTB2(0)
rs58859533	8	71556723	0.0006786	0.1345	0.0005562	LACTB2(0)
8:71559487	8	71559487	0.0006786	0.1345	0.0005562	LACTB2(0)
8:71560544	8	71560544	0.0006786	0.1345	0.0005562	LACTB2(0)
rs7243411	18	66353772	0.0006794	0.1305	0.0002544	TXNDC10(0)
18:66355854	18	66355854	0.0006794	0.1305	0.0002544	TXNDC10(0)
rs13392734	2	208255975	0.0006794	-0.08356	0.0002687	.

rs855836	1	64357048	0.0006801	0.1425	0.0004053	ROR1(0)
rs13334756	16	8441073	0.0006803	0.2398	0.0009034	.
rs766010	16	8441731	0.0006803	0.2398	0.0009034	.
16:8443279	16	8443279	0.0006803	0.2398	0.0009034	.
rs427911	18	66371289	0.0006803	0.129	0.0002603	TXNDC10(0) CCDC102B(-11.2kb)
rs11689163	2	208231000	0.0006804	-0.088	0.0002516	.
rs11178960	12	72236864	0.0006812	-0.1266	0.0009369	TBC1D15(0)
rs62357032	5	34992451	0.0006814	0.07964	0.0004351	AGXT2(-5.754kb)
rs10023506	4	131362087	0.0006827	-0.0793	0.0006606	.
rs11755764	6	110201810	0.0006832	-0.07005	0.0007766	.
rs13169053	5	27574070	0.0006839	0.07322	0.0008681	.
rs12155685	8	87218000	0.0006848	-0.09445	0.0009993	SLC7A13(-8.287kb)
rs2518526	1	158863016	0.0006853	-0.0833	0.0005778	.
rs10978964	9	110414797	0.0006855	-0.1006	0.000473	.
rs2660139	10	55775187	0.000686	-0.08548	0.0008725	PCDH15(0)
rs13283760	9	85478332	0.0006867	-0.07701	0.0009029	.
2:217840584	2	217840584	0.0006873	0.1625	0.0009386	.
rs12795774	11	66381517	0.0006883	0.07959	0.0008432	RBM14(-2.579kb) CCS(+8.027kb)
rs62506886	8	71827423	0.0006889	0.1406	0.0005971	.
rs13437290	6	167211690	0.0006905	-0.1003	0.0007598	RPS6KA2(0)
rs12500657	4	131296215	0.0006906	-0.07531	0.0008633	.
rs856153	1	158888064	0.0006911	-0.08232	0.0007197	PYHIN1(-13.28kb)
1:225987509	1	225987509	0.0006921	-0.08354	0.0005377	SRP9(+9.345kb)
1:225987522	1	225987522	0.0006921	-0.08354	0.0005377	SRP9(+9.358kb)
rs13236938	7	46090345	0.0006922	-0.09733	0.0005045	.
rs4246030	5	151906048	0.0006928	-0.08067	0.0009101	.
5:151906598	5	151906598	0.0006928	-0.08067	0.0009101	.
rs7753589	6	167195051	0.0006929	-0.1004	0.0007969	RPS6KA2(0)
rs7753731	6	167195088	0.0006929	-0.1004	0.0007969	RPS6KA2(0)
rs7768138	6	167195096	0.0006929	-0.1004	0.0007969	RPS6KA2(0)
rs7768490	6	167195320	0.0006929	-0.1004	0.0007969	RPS6KA2(0)
2:208237332	2	208237332	0.0006935	-0.08816	0.0002566	.
rs4430991	2	135491932	0.0006941	-0.1007	0.0008754	TMEM163(+15.36kb)
rs3738757	1	110658236	0.0006949	-0.08978	0.0008584	UBL4B(+1.667kb)
16:8443739	16	8443739	0.0006949	0.2413	0.0008872	.
13:99904673	13	99904673	0.000695	-0.1227	0.0009931	UBAC2(0) GPR18(-2.293kb)
rs7657981	4	131480721	0.0006959	-0.08207	0.0006617	.
rs730946	2	135465249	0.000696	-0.1002	0.0009574	TMEM163(0)
rs6752536	2	135467498	0.000696	-0.1002	0.0009574	TMEM163(0)
1:112102328	1	112102328	0.0006981	-0.3168	0.0009806	ADORA3(0)
rs10443952	10	57431527	0.0006982	-0.07102	0.0007175	.
rs10069228	5	14011654	0.0006983	-0.07401	0.0004877	.
16:56532606	16	56532606	0.0006992	-0.4181	0.0007007	BBS2(0)
rs8090603	18	66339445	0.0006992	0.131	0.0002701	TXNDC10(-1.479kb)
8:71769387	8	71769387	0.0006993	0.144	0.0005846	.
5:151911831	5	151911831	0.0006994	-0.07546	0.0008194	.
8:128628640	8	128628640	0.0006995	-0.1097	0.0008231	.

rs12474491	2	142536317	0.0007	0.07151	0.0009171	LRP1B(0)
rs8029564	15	55772125	0.0007002	-0.07662	0.0008539	DYX1C1(0)
15:55772401	15	55772401	0.0007002	-0.07662	0.0008539	DYX1C1(0)
rs904061	14	52504624	0.000701	-0.08406	0.0008947	NID2(0)
rs4953902	2	134876049	0.000701	-0.08594	0.0007391	.
rs1930889	13	71055497	0.0007012	0.09049	0.0005569	.
rs705519	1	64368535	0.0007016	0.1558	0.0003062	ROR1(0)
4:131363162	4	131363162	0.000702	-0.07846	0.0007456	.
rs34833519	1	240958615	0.0007026	0.07376	0.0009737	RGS7(0)
1:95460641	1	95460641	0.0007029	-0.3101	0.0003591	ALG14(0)
rs976597	10	2176057	0.000703	0.07151	0.0009769	.
rs2784095	9	139789093	0.0007032	-0.08789	0.0009163	TRAF2(0)
rs4482781	4	131477813	0.0007037	-0.08162	0.0006627	.
rs3849079	5	14068431	0.0007048	-0.07237	0.0008979	.
rs4490785	7	49643412	0.0007056	-0.08164	0.0008732	.
rs10768131	11	35375280	0.0007062	0.06964	0.0005645	SLC1A2(0)
rs61924145	12	72272672	0.0007062	-0.1203	0.0009665	TBC1D15(0)
rs61924146	12	72273157	0.0007062	-0.1203	0.0009665	TBC1D15(0)
rs11830684	12	72283523	0.0007062	-0.1203	0.0009665	TBC1D15(0)
rs11831203	12	72283785	0.0007062	-0.1203	0.0009665	TBC1D15(0)
rs12302711	12	72284501	0.0007062	-0.1203	0.0009665	TBC1D15(0)
rs12056163	7	49647593	0.000707	-0.08161	0.000862	.
rs34947765	12	4776918	0.0007078	-0.09596	0.000496	NDUFA9(0)
rs2392949	10	57426710	0.0007083	-0.07092	0.000683	.
rs6035387	20	19576045	0.000709	-0.0711	0.000819	SLC24A3(0)
9:83498085	9	83498085	0.0007097	-0.3316	0.0006432	.
8:71519614	8	71519614	0.0007105	0.134	0.0005839	TRAM1(0)
rs16869399	5	39906377	0.0007117	-0.09892	0.0007555	.
rs6038505	20	6433765	0.0007119	-0.07123	0.0003293	.
rs6038506	20	6433854	0.0007119	-0.07123	0.0003293	.
rs1389155	3	28165662	0.0007121	-0.08288	0.0005633	.
rs58098849	12	129555062	0.0007128	-0.09333	0.0006111	TMEM132D(-1.208kb)
2:217851814	2	217851814	0.0007134	0.1667	0.0009925	.
21:39004572	21	39004572	0.0007134	-0.1419	0.0009632	KCNJ6(0)
8:92198569	8	92198569	0.0007135	-0.2685	0.0004286	LRRRC69(0)
8:92213022	8	92213022	0.0007135	-0.2685	0.0004286	LRRRC69(0)
rs2642483	7	146389259	0.0007137	-0.1055	0.0006243	CNTNAP2(0)
rs3735221	7	12627102	0.0007142	0.07073	0.0004621	SCIN(0)
rs9459746	6	167192467	0.0007145	-0.09988	0.0008193	RPS6KA2(0)
rs12432644	14	99517551	0.000715	0.09115	0.0009771	.
rs6454392	6	85363434	0.000715	0.2355	0.0008605	.
rs1131847	20	36965617	0.0007151	0.07223	0.0008598	LBP(-9.267kb) BPI(0)
rs7428023	3	9384004	0.0007151	-0.1137	0.0007617	.
rs1933343	11	30310992	0.0007164	-0.08302	0.0006685	.
rs12800124	11	30239865	0.0007166	-0.08304	0.0007495	FSHB(-12.7kb)
rs58644685	21	27147176	0.000717	-0.1251	0.0009162	GABPA(+2.405kb)
5:41551006	5	41551006	0.0007183	-0.2571	0.0007291	.

rs4832976	4	37984380	0.0007209	0.07215	0.0005991	TBC1D1(0)
rs1991319	12	116061423	0.0007213	-0.0701	0.0006753	.
rs6663051	1	240960611	0.0007218	0.07372	0.0009736	RGS7(0)
rs13260857	8	71042430	0.0007221	0.08482	0.0007749	NCOA2(0)
rs4295521	6	110207354	0.0007227	-0.06871	0.0008988	.
rs12802250	11	16525522	0.0007231	0.09873	0.0005802	.
16:87028625	16	87028625	0.0007241	0.1748	0.0004969	.
rs1348181	6	50239686	0.0007244	0.09274	0.0008606	.
11:22987398	11	22987398	0.0007253	-0.08932	0.0007863	.
11:22987855	11	22987855	0.0007253	-0.08932	0.0007863	.
11:22988043	11	22988043	0.0007253	-0.08932	0.0007863	.
rs56084509	11	22990726	0.0007253	-0.08932	0.0007863	.
rs2403792	11	22992093	0.0007253	-0.08932	0.0007863	.
1:175650219	1	175650219	0.0007261	-0.1601	0.0008206	TNR(0)
rs4859218	3	182065295	0.0007262	0.08989	0.0007493	.
rs3814563	10	44141987	0.0007267	0.0809	0.0009319	ZNF32(0)
rs4737015	8	41696644	0.000727	0.07214	0.0005605	.
rs2310951	4	131325553	0.0007273	-0.07509	0.0008559	.
rs11953669	5	27577544	0.0007278	0.07272	0.0009602	.
rs1018555	9	114458552	0.0007283	-0.07039	0.0009697	C9orf84(0)
rs7545752	1	171148521	0.0007284	0.09135	0.0005722	FMO2(-5.866kb)
rs9372234	6	110196704	0.0007284	-0.06812	0.000989	.
rs6046205	20	19576278	0.0007286	-0.07123	0.0007956	SLC24A3(0)
rs13066716	3	122876327	0.0007292	-0.08576	0.0006317	PDIA5(0)
rs12651958	5	13992717	0.0007294	-0.07784	0.0007847	.
rs2421709	1	171155632	0.0007299	0.07433	0.0005064	FMO2(0)
rs17867811	7	126910307	0.00073	-0.1107	0.0008592	GRM8(+17.88kb)
6:153202178	6	153202178	0.0007306	0.1398	0.0009514	.
rs6457800	6	35102218	0.0007313	0.0737	0.0005437	TCP11(0)
rs13180987	5	114826464	0.0007314	0.07321	0.0009718	.
rs324013	12	57510661	0.0007316	0.07039	0.0004766	STAT6(+5.5kb) LRP1(-11.62kb)
4:165444573	4	165444573	0.0007319	-0.1676	0.0007151	.
18:66363159	18	66363159	0.000732	0.1291	0.0002822	TXNDC10(0) CCDC102B(-19.33kb)
rs35220888	2	135479582	0.000732	-0.1012	0.0009498	TMEM163(+3.012kb)
rs16877990	7	13827828	0.0007327	-0.08566	0.000845	.
rs2852681	1	158867118	0.0007338	-0.0821	0.0006984	.
rs2276161	2	135470735	0.0007354	-0.1003	0.0009859	TMEM163(0)
17:32139841	17	32139841	0.0007356	0.1302	0.0009166	ACCN1(0)
rs1129315	7	12626638	0.0007359	0.07061	0.0004831	SCIN(0)
rs9656932	8	120875826	0.0007378	0.2967	0.0005931	DSCC1(+7.677kb) DEPDC6(-10.07kb)
rs7239786	18	7947846	0.0007379	0.08776	0.000348	PTPRM(0)
5:41587729	5	41587729	0.000738	-0.2448	0.000738	.
rs4325231	10	57495010	0.0007386	0.0723	0.0006467	.
rs4590771	10	57495039	0.0007386	0.0723	0.0006467	.
rs855824	1	64361979	0.0007388	0.1414	0.0003995	ROR1(0)
rs4894713	3	175042776	0.0007389	-0.08588	0.0009657	NAALADL2(0)
rs12884889	14	35840221	0.000739	0.2644	0.000756	.

rs12341787	9	110413656	0.0007392	-0.1001	0.0004984	.
13:113507609	13	113507609	0.0007395	0.07867	0.0005741	ATP11A(0)
rs7074747	10	57497418	0.0007396	0.07287	0.000661	.
rs11875705	18	46141835	0.0007396	0.08478	0.0005202	KIAA0427(0)
rs2784088	9	139790471	0.0007401	-0.08755	0.0009619	TRAF2(0)
rs2784087	9	139790522	0.0007401	-0.08755	0.0009619	TRAF2(0)
rs10177660	2	217822359	0.0007406	0.1614	0.0009287	.
rs9395579	6	50246083	0.0007412	0.0926	0.0008858	.
rs2811759	9	139790204	0.0007417	-0.08753	0.000957	TRAF2(0)
2:208135651	2	208135651	0.0007419	-0.1105	0.0005141	.
rs17862349	7	126940728	0.0007419	-0.1048	0.0007623	.
18:2384403	18	2384403	0.0007428	-0.1148	0.000971	.
rs2234724	1	171155032	0.000743	0.2107	0.0006805	FMO2(0)
rs28369809	1	171157045	0.000743	0.2107	0.0006805	FMO2(0)
rs28369811	1	171157440	0.000743	0.2107	0.0006805	FMO2(0)
rs4861175	4	42237898	0.0007432	0.09031	0.0007326	.
rs6503410	17	43094140	0.0007433	-0.0795	0.0005976	DCAKD(-6.565kb)
rs12037640	1	225978787	0.0007437	-0.08165	0.0005884	SRP9(+0.623kb)
rs12691870	2	135453545	0.0007437	-0.09803	0.000825	TMEM163(0)
rs855850	1	64352117	0.0007441	0.147	0.0003674	ROR1(0)
rs2542203	2	217823089	0.0007446	0.1613	0.0009381	.
rs9292201	5	58582613	0.0007446	0.1063	0.0006103	PDE4D(0)
17:52686011	17	52686011	0.0007452	-0.2992	0.0008514	.
rs6989331	8	41697078	0.0007453	0.07156	0.0006118	.
rs9999066	4	131474199	0.0007458	-0.08096	0.000708	.
rs946006	13	113496566	0.0007461	0.07563	0.0006121	ATP11A(0)
rs7819507	8	128596940	0.0007467	-0.101	0.0006822	.
7:43947823	7	43947823	0.0007471	0.2142	0.0005798	URG4(0) UBE2D4(-18.22kb)
rs7072976	10	14658464	0.0007474	0.1295	0.0006046	FAM107B(0)
rs4823241	22	44942067	0.0007478	-0.07515	0.0008234	.
8:71542600	8	71542600	0.0007483	0.1334	0.0006197	LACTB2(-6.89kb)
8:71544283	8	71544283	0.0007483	0.1334	0.0006197	LACTB2(-5.207kb)
rs61653870	5	27620392	0.0007487	-0.08205	0.0009342	.
rs1011442	7	116088301	0.0007487	-0.07495	0.0008885	.
rs12344206	9	110421175	0.0007487	-0.09607	0.0005871	.
rs11926839	3	72551581	0.0007495	0.07024	0.0005781	.
rs9307629	4	131387002	0.0007499	-0.07774	0.0008552	.
rs7086617	10	45007607	0.0007513	-0.1569	0.0006286	.
rs1330541	13	110373991	0.0007516	0.07229	0.0006709	.
rs2762342	6	35062347	0.0007522	0.0737	0.0005456	ANKS1A(+3.157kb)
rs2784086	9	139790858	0.0007522	-0.08739	0.0009828	TRAF2(0)
rs9973932	2	208250522	0.0007523	-0.08808	0.0002569	.
rs10825592	10	57498432	0.0007549	0.07249	0.0006141	.
2:142789252	2	142789252	0.0007552	0.1696	0.0005393	LRP1B(0)
rs7767184	6	114334509	0.0007563	0.07073	0.0007856	.
rs7893734	10	110518652	0.0007567	0.07927	0.0007249	.
rs13029711	2	221209365	0.0007576	-0.07257	0.0007854	.

rs10276226	7	12602211	0.0007578	0.07013	0.0006654	SCIN(-7.991kb)
rs35462494	21	27102767	0.0007579	-0.09453	0.0009328	JAM2(+15.53kb) GABPA(-4.561kb) A
rs1331374	9	12486143	0.0007579	0.1089	0.000914	.
rs16919829	9	568846	0.000758	0.08536	0.0009207	KANK1(0)
rs4805577	19	31038220	0.0007583	-0.08133	0.000288	ZNF536(0)
7:101693610	7	101693610	0.0007584	0.1034	0.0007435	CUX1(0)
5:41589471	5	41589471	0.0007591	-0.2443	0.000756	.
5:41589810	5	41589810	0.0007591	-0.2443	0.000756	.
5:41590370	5	41590370	0.0007591	-0.2443	0.000756	.
5:41592748	5	41592748	0.0007591	-0.2443	0.000756	.
5:41598309	5	41598309	0.0007591	-0.2443	0.000756	.
5:41598955	5	41598955	0.0007591	-0.2443	0.000756	.
rs58719114	2	217818176	0.0007594	0.1611	0.0009519	.
rs35964795	2	217818431	0.0007594	0.1611	0.0009519	.
rs13390478	2	217818653	0.0007594	0.1611	0.0009519	.
rs13415775	2	217818737	0.0007594	0.1611	0.0009519	.
rs13403963	2	217818815	0.0007594	0.1611	0.0009519	.
rs35560193	2	217819375	0.0007594	0.1611	0.0009519	.
rs12158323	22	44944013	0.0007594	-0.07489	0.0007673	.
rs6054266	20	6431457	0.0007596	-0.07077	0.0003538	.
rs6054267	20	6431569	0.0007596	-0.07077	0.0003538	.
rs6054269	20	6432075	0.0007596	-0.07077	0.0003538	.
rs6054271	20	6432432	0.0007596	-0.07077	0.0003538	.
rs10775627	20	6432447	0.0007596	-0.07077	0.0003538	.
rs2876033	20	6432735	0.0007596	-0.07077	0.0003538	.
rs2326785	20	6432797	0.0007596	-0.07077	0.0003538	.
rs55659044	11	133480832	0.0007598	-0.08393	0.0005084	.
rs6038504	20	6433489	0.0007608	-0.07078	0.0003532	.
rs6038507	20	6434050	0.0007608	-0.07078	0.0003532	.
rs6054275	20	6434117	0.0007608	-0.07078	0.0003532	.
rs55724323	7	49641643	0.0007608	-0.08109	0.0009274	.
rs2310952	4	131324624	0.0007611	-0.07464	0.0008918	.
rs6050710	20	25596312	0.0007613	-0.2614	0.000667	NANP(0)
rs6054265	20	6431393	0.0007614	-0.07077	0.0003542	.
rs9649728	7	49640912	0.0007615	-0.08153	0.0008726	.
rs603453	6	50082050	0.0007617	0.09491	0.0007594	.
rs856103	1	158893122	0.0007621	-0.08206	0.0007776	PYHIN1(-8.219kb)
rs1975300	18	48102753	0.0007634	-0.07149	0.0008897	MAPK4(0)
rs1560523	5	34993836	0.0007651	0.07965	0.0005339	AGXT2(-4.369kb)
5:34878022	5	34878022	0.0007661	0.1419	0.000423	TTC23L(0)
5:34879392	5	34879392	0.0007661	0.1419	0.000423	TTC23L(0)
rs10015407	4	131384420	0.0007666	-0.0785	0.0007896	.
rs856105	1	158894679	0.0007668	-0.08197	0.0007974	PYHIN1(-6.662kb)
22:28047876	22	28047876	0.000767	-0.09754	0.0007388	.
rs6995911	8	71654084	0.0007684	0.133	0.0006192	XKR9(+5.907kb)
rs7217923	17	56895175	0.0007694	-0.1733	0.0008961	PPM1E(0)
rs9840200	3	10654426	0.0007702	-0.1249	0.0007612	.

rs9459750	6	167197231	0.0007704	-0.09953	0.0008745	RPS6KA2(0)
rs4747083	10	72467255	0.0007707	-0.1314	0.0005305	ADAMTS14(0)
rs1407658	6	164074842	0.0007709	-0.1659	0.0005634	.
rs9459747	6	167193166	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs6905053	6	167193326	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs6456124	6	167193831	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs6456125	6	167194018	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs7748360	6	167194070	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs9459748	6	167194505	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs9459749	6	167194610	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs7749522	6	167195006	0.0007713	-0.09961	0.0008808	RPS6KA2(0)
rs56294034	11	22993486	0.0007714	-0.08885	0.0008291	.
rs2114467	11	22995820	0.0007714	-0.08885	0.0008291	.
rs1346251	11	22996282	0.0007714	-0.08885	0.0008291	.
rs34854785	11	16485698	0.0007721	0.09444	0.0004694	SOX6(0)
2:135516504	2	135516504	0.0007723	-0.09921	0.0008962	.
rs684402	18	32640284	0.0007724	0.1272	0.0004655	MAPRE2(0)
rs2675255	3	8172650	0.0007733	-0.1182	0.0007708	.
2:19236941	2	19236941	0.000774	-0.1116	0.0006231	.
5:31147544	5	31147544	0.0007744	0.2387	0.0009465	.
5:31147612	5	31147612	0.0007744	0.2387	0.0009465	.
rs59375809	1	230423790	0.000775	-0.08345	0.0005269	GALNT2(+5.844kb)
rs568179	5	39929770	0.0007754	-0.06909	0.0005652	.
rs315701	9	114568897	0.0007755	-0.06999	0.0009209	.
rs731901	14	54351897	0.0007761	-0.1042	0.000672	.
rs2872005	3	78663656	0.0007771	-0.07156	0.0006659	ROBO1(0)
rs12413912	10	134711659	0.0007772	0.07482	0.0009804	.
rs11684690	2	208230091	0.0007773	-0.0863	0.0003214	.
2:208230482	2	208230482	0.0007773	-0.0863	0.0003214	.
rs7935260	11	74293539	0.0007776	-0.09173	0.0007637	POLD3(-10.09kb)
rs7160860	14	54339493	0.000778	-0.1033	0.0005539	.
rs856113	1	158898593	0.0007785	-0.08378	0.0006976	PYHIN1(-2.748kb)
2:135528787	2	135528787	0.00078	-0.1023	0.000965	.
rs856116	1	158899588	0.0007802	-0.08341	0.0007314	PYHIN1(-1.753kb)
rs856117	1	158899600	0.0007802	-0.08341	0.0007314	PYHIN1(-1.741kb)
rs2882110	22	44940501	0.0007802	0.09054	0.0008647	.
5:31141636	5	31141636	0.0007802	0.2384	0.0009563	.
rs7963541	12	83908827	0.0007807	0.1695	0.0006127	.
rs6539758	12	83912337	0.0007807	0.1695	0.0006127	.
rs2901512	1	171135391	0.0007813	0.0739	0.0005555	FMO2(-19kb)
5:164322416	5	164322416	0.0007818	0.2546	0.000462	.
2:40157891	2	40157891	0.0007821	-0.117	0.0009268	.
9:86004024	9	86004024	0.0007821	-0.1215	0.000587	FRMD3(0)
rs59192960	5	31181789	0.0007827	0.1829	0.0006988	CDH6(-12.01kb)
rs2852703	1	158834189	0.0007836	-0.08104	0.0007739	MNDA(+14.92kb)
rs2852704	1	158834379	0.0007836	-0.08104	0.0007739	MNDA(+15.11kb)
rs1985329	2	103058208	0.0007839	-0.07112	0.0005849	IL18RAP(0)

rs7691347	4	66138505	0.0007843	0.1472	0.0004897	.
1:175666079	1	175666079	0.0007845	-0.1562	0.0009466	TNR(0)
rs11850821	14	105175085	0.0007854	-0.122	0.0004681	INF2(0) C14orf151(+3.94kb) ADSSL
rs9307627	4	131386829	0.0007856	-0.07804	0.0009068	.
rs11676081	2	208242483	0.0007857	-0.08748	0.0002839	.
rs11695858	2	208229699	0.0007864	-0.08628	0.000323	.
rs6914872	6	85368773	0.0007869	0.1987	0.0008554	.
rs5992593	22	17430931	0.0007879	-0.08485	0.0005078	GAB4(-11.89kb)
rs28452235	4	170901540	0.0007883	0.07345	0.0009046	MFAP3L(-6.207kb)
rs9561951	13	96427491	0.0007893	-0.08856	0.0007248	DNAJC3(0)
rs17010929	12	83915258	0.0007899	0.1694	0.0006168	.
rs1387940	12	83916191	0.0007899	0.1694	0.0006168	.
rs10862687	12	83920737	0.0007899	0.1694	0.0006168	.
6:50086382	6	50086382	0.0007903	0.09535	0.0007401	.
rs62124496	2	13050761	0.0007908	-0.1449	0.0008303	.
rs11060117	12	129556120	0.0007914	-0.09287	0.0006964	TMEM132D(-0.15kb)
5:34879925	5	34879925	0.000792	0.1416	0.0004383	TTC23L(0)
5:34881802	5	34881802	0.000792	0.1416	0.0004383	TTC23L(0)
5:34882221	5	34882221	0.000792	0.1416	0.0004383	TTC23L(0)
rs624561	11	66414915	0.0007938	0.07852	0.0009289	RBM4B(-17.55kb) RBM4(+0.975kb)
rs4449203	20	11333782	0.0007944	-0.07966	0.0006112	.
5:41593195	5	41593195	0.0007946	-0.2433	0.0007967	.
rs966937	5	40078418	0.0007964	-0.09854	0.000871	.
11:23000775	11	23000775	0.0007965	-0.08869	0.0008488	.
rs977593	11	23001379	0.0007965	-0.08869	0.0008488	.
rs4280749	4	131471878	0.0007972	-0.08042	0.0007742	.
rs6821251	4	131472503	0.0007972	-0.08042	0.0007742	.
rs6577117	13	113501593	0.0007974	0.07425	0.0006729	ATP11A(0)
rs11677847	2	208230855	0.0007983	-0.08643	0.0003046	.
rs1040084	4	54410224	0.0007985	-0.08418	0.0006967	LNX1(0)
rs4677173	3	72548351	0.0007988	0.06984	0.0006512	.
rs2322482	3	72548642	0.0007988	0.06984	0.0006512	.
rs9373956	6	107929025	0.0007997	0.07917	0.0008021	SOBP(0)
rs9807962	2	102971664	0.0007999	-0.07336	0.0008131	IL1RL1(+3.167kb) IL18R1(-7.432kb)
rs12571354	10	9669681	0.0008003	0.06992	0.0007697	.
rs16903005	5	14005874	0.0008012	-0.073	0.0005848	.
rs28832012	4	131303359	0.0008028	0.07629	0.0009949	.
rs55754990	11	23001995	0.000804	-0.08866	0.0008473	.
rs55749111	11	23002487	0.000804	-0.08866	0.0008473	.
rs6892328	5	41615809	0.0008041	-0.1981	0.0008876	.
rs10016270	4	190297183	0.0008047	0.1188	0.0004584	.
rs4480395	1	171218955	0.0008055	0.07299	0.0005818	FMO1(0)
rs10751326	10	44135449	0.0008057	0.07997	0.000994	ZNF32(-3.857kb)
rs11773016	7	55926517	0.000806	-0.0953	0.000782	sep/14(0)
rs6099331	20	55471383	0.0008067	-0.1082	0.0004865	.
rs17175708	8	38325131	0.0008075	-0.07067	0.000604	FGFR1(0)
rs4507377	4	131393684	0.0008077	-0.07727	0.0008986	.

rs61944138	12	129749163	0.0008082	-0.2043	0.00097	TMEM132D(0)
rs1580650	9	105523821	0.0008082	-0.1014	0.0007443	.
11:22998435	11	22998435	0.0008083	-0.08854	0.0008692	.
rs855848	1	64353586	0.0008092	0.1473	0.0003792	ROR1(0)
rs7098937	10	57442672	0.0008094	0.0717	0.0006393	.
rs35437546	4	66138743	0.0008103	0.1468	0.0005052	.
rs2818257	6	107926376	0.0008105	0.07828	0.0009359	SOBP(0)
rs7904654	10	129210232	0.0008108	0.08037	0.000669	.
rs13429850	2	208250561	0.0008115	-0.0826	0.0003067	.
rs9577170	13	113507781	0.0008116	0.07514	0.0006537	ATP11A(0)
rs10043377	5	40090027	0.000813	-0.09938	0.0008312	.
rs9348964	6	35107245	0.000814	0.07441	0.0005847	TCP11(0)
rs7513724	1	67854535	0.0008143	0.3226	0.0008493	SERBP1(-18.96kb) IL12RB2(0)
rs4253982	10	57494881	0.0008152	0.07148	0.0007392	.
rs4297375	10	57495097	0.0008152	0.07148	0.0007392	.
rs7907029	10	57496291	0.0008152	0.07148	0.0007392	.
rs2642484	7	146389007	0.0008152	-0.1041	0.0007057	CNTNAP2(0)
rs11680443	2	208235631	0.0008157	-0.08654	0.0002924	.
rs11685591	2	208235681	0.0008157	-0.08654	0.0002924	.
rs2552272	8	6029741	0.0008161	-0.1275	0.0008179	.
rs2762350	6	35084447	0.0008166	0.07334	0.000597	TCP11(-1.401kb)
rs9644008	8	12683871	0.0008168	-0.0885	0.0006519	.
rs634111	5	41580815	0.000817	-0.1426	0.0006007	.
rs602511	5	41583279	0.000817	-0.1426	0.0006007	.
rs11060114	12	129554373	0.0008177	-0.09189	0.0007079	TMEM132D(-1.897kb)
rs3790270	20	19577156	0.0008181	-0.0705	0.0008887	SLC24A3(0)
rs856101	1	158891975	0.0008197	-0.08188	0.0008176	PYHIN1(-9.366kb)
rs1465249	17	12639294	0.0008198	0.06825	0.0007758	MYOCD(0)
8:128623931	8	128623931	0.0008209	-0.1081	0.0009597	.
rs2694975	12	19957351	0.0008213	-0.08126	0.0009999	.
rs7766940	6	167192611	0.0008213	-0.1027	0.0009608	RPS6KA2(0)
rs11132664	4	190414910	0.0008222	0.0762	0.0009828	.
rs4759313	12	54359074	0.0008231	0.07375	0.0008641	HOXC13(+18.75kb) HOXC11(-7.835kb)
rs10783616	12	54359220	0.0008231	0.07375	0.0008641	HOXC13(+18.89kb) HOXC11(-7.689kb)
rs2638395	12	19971152	0.0008234	-0.08029	0.0008085	.
rs35708656	11	16524762	0.0008245	0.09818	0.0006323	.
rs10066303	5	13992639	0.0008258	-0.07662	0.0008746	.
rs10079396	5	58616085	0.000826	0.1199	0.0005212	PDE4D(0)
rs13392707	2	208255891	0.000828	-0.08207	0.0003394	.
rs9956981	18	7950477	0.0008287	0.08702	0.0004023	PTPRM(0)
rs10260305	7	79177860	0.0008287	-0.1144	0.0008094	.
rs7783512	7	79178485	0.0008287	-0.1144	0.0008094	.
rs7589803	2	129077103	0.0008294	-0.1238	0.0005553	HS6ST1(+0.932kb)
rs2970376	15	60236925	0.0008295	-0.083	0.0007316	.
rs5765787	22	44942269	0.0008305	-0.07428	0.0008807	.
rs10849118	12	4792492	0.0008312	-0.08653	0.0009936	NDUFA9(0)
rs16849813	3	139793887	0.0008315	-0.1434	0.0005775	CLSTN2(0)

8:71519906	8	71519906	0.0008317	0.1334	0.000772	TRAM1(0)
rs10073221	5	14010231	0.000832	-0.07249	0.0005827	.
18:66330425	18	66330425	0.0008324	0.1305	0.0002896	TXNDC10(-10.5kb)
rs61825963	1	218107692	0.0008331	0.1387	0.0003154	.
rs484262	11	66399681	0.0008334	0.07826	0.0009685	RBM4(-6.456kb) RBM14(+4.868kb)
22:30616984	22	30616984	0.0008349	-0.1858	0.0005288	LIF(-19.46kb)
rs2552238	8	6031645	0.0008354	-0.129	0.000821	.
rs7708830	5	40102809	0.0008361	-0.09893	0.0008126	.
1:182772544	1	182772544	0.0008367	0.1875	0.0009312	NPL(0)
rs6085562	20	6430089	0.0008367	-0.07043	0.0003864	.
rs6575306	14	93565216	0.000837	-0.09069	0.0009189	ITPK1(0)
2:19242899	2	19242899	0.0008377	-0.1218	0.0004942	.
2:19243019	2	19243019	0.0008377	-0.1218	0.0004942	.
rs6798020	3	28169400	0.0008377	-0.08072	0.0007919	.
rs11761352	7	55950947	0.0008381	-0.09349	0.0008205	.
7:135492521	7	135492521	0.0008382	-0.195	0.0007816	.
rs4578552	14	54352037	0.0008383	-0.1035	0.0007287	.
rs13391493	2	208258792	0.0008388	-0.08187	0.0003415	.
rs678996	5	41597071	0.0008389	-0.161	0.0008236	.
rs56084230	2	208231985	0.0008393	-0.08603	0.0003276	.
rs56106733	2	208232059	0.0008393	-0.08603	0.0003276	.
rs4473453	20	11334024	0.0008396	-0.0796	0.0006864	.
rs62569566	9	110412089	0.0008396	-0.0993	0.0005602	.
rs10033861	4	170821561	0.0008401	-0.06968	0.0007977	.
rs11737627	4	170822150	0.0008401	-0.06968	0.0007977	.
rs680199	13	37258797	0.0008402	0.07138	0.0007939	C13orf36(0)
rs7110985	11	35343192	0.0008408	0.07299	0.000836	SLC1A2(0)
rs17528473	5	58559042	0.000841	0.1063	0.0006027	PDE4D(0)
rs624789	18	32626646	0.0008411	0.13	0.0003933	MAPRE2(0)
rs17686482	8	71522264	0.0008422	0.1311	0.00071	TRAM1(+1.66kb)
11:22987447	11	22987447	0.0008448	-0.08904	0.000944	.
rs6038509	20	6434843	0.0008453	-0.07023	0.0003963	.
rs6117264	20	6435616	0.0008453	-0.07023	0.0003963	.
rs2210124	20	6435967	0.0008453	-0.07023	0.0003963	.
rs28361498	5	14008159	0.0008455	-0.07259	0.0005663	.
5:92592055	5	92592055	0.0008459	0.2539	0.0008	.
rs6133319	20	6431104	0.0008461	-0.07021	0.0003974	.
8:71477742	8	71477742	0.0008465	0.1336	0.0006734	TRAM1(-7.93kb)
rs11033073	11	35353944	0.0008481	0.0722	0.0008455	SLC1A2(0)
rs17110428	12	72315010	0.0008484	-0.1397	0.0009105	TPH2(-17.61kb) TBC1D15(0)
rs4354903	15	27339361	0.000849	0.07692	0.0009935	.
rs9549568	13	113489819	0.0008492	0.07589	0.0008379	ATP11A(0)
rs2675248	3	8166787	0.0008498	-0.1202	0.0008696	.
2:208248801	2	208248801	0.0008505	-0.0871	0.0002761	.
2:208248813	2	208248813	0.0008505	-0.0871	0.0002761	.
rs2462252	7	1316646	0.0008507	-0.07405	0.0007248	.
rs11061676	12	268036	0.0008508	-0.2508	0.0006912	IQSEC3(0)

rs9312397	4	190300582	0.0008508	0.1201	0.0004634	.
rs12508280	4	131306476	0.000851	-0.07711	0.0009519	.
4:170828457	4	170828457	0.0008519	-0.2442	0.0007243	.
rs28377374	7	31920025	0.0008522	0.2044	0.0009969	PDE1C(0)
rs3745058	18	66368825	0.0008525	0.1318	0.000319	TXNDC10(0) CCDC102B(-13.66kb)
rs4941756	13	31702139	0.0008531	0.06775	0.0005576	HSPH1(-8.623kb)
rs12056556	8	57183090	0.0008547	-0.06949	0.0005396	.
rs2690262	7	1316239	0.0008554	-0.07282	0.0008542	.
rs4463394	8	57186360	0.0008559	-0.06943	0.0005449	.
rs7012906	8	57186993	0.0008559	-0.06943	0.0005449	.
rs7461965	8	57189551	0.0008559	-0.06943	0.0005449	.
rs1824159	5	58618644	0.0008569	0.1194	0.0005268	PDE4D(0)
2:208273492	2	208273492	0.0008589	-0.08167	0.0004118	.
rs473818	11	84795484	0.0008606	-0.08839	0.0009174	.
rs9978441	21	45400234	0.0008607	0.09196	0.0008713	AGPAT3(0)
8:120869838	8	120869838	0.0008617	0.2929	0.0008184	DSCC1(+1.689kb) DEPDC6(-16.06kb)
rs57613118	8	38328946	0.0008618	-0.07086	0.0005952	FGFR1(+2.594kb)
rs10847613	12	128906595	0.0008621	0.07287	0.0007949	.
rs13089777	3	122879860	0.0008622	-0.08553	0.0007479	PDIA5(0)
rs10861950	12	108978949	0.0008633	0.0722	0.0008888	TMEM119(-4.672kb) ISCU(+15.79kb)
13:61795374	13	61795374	0.0008661	0.1581	0.0008593	.
rs13426173	2	208251443	0.0008665	-0.08212	0.0003385	.
rs9973923	2	208251850	0.0008665	-0.08212	0.0003385	.
rs1896536	5	40108300	0.0008681	-0.1015	0.0008785	.
rs3087339	13	96410115	0.0008682	-0.08793	0.0007473	DNAJC3(0)
rs17769672	10	110521748	0.0008686	0.09105	0.0009901	.
rs2388097	10	2566085	0.0008688	0.075	0.0006952	.
rs1113431	13	113502788	0.0008697	0.07448	0.0006854	ATP11A(0)
rs4730917	7	79173769	0.0008697	-0.1138	0.000898	.
rs1834852	5	40088545	0.0008707	-0.1002	0.000841	.
rs9521054	13	109439273	0.0008708	0.1104	0.0006551	MYO16(0)
rs380297	5	14008071	0.0008711	-0.07234	0.0005999	.
rs413546	5	14009414	0.0008711	-0.07234	0.0005999	.
rs12744605	1	171145530	0.0008735	0.07214	0.0005998	FMO2(-8.857kb)
rs4916410	1	171139541	0.0008741	0.07227	0.0005859	FMO2(-14.85kb)
rs2215063	7	12614638	0.0008741	0.06914	0.0007048	SCIN(0)
rs34044331	11	30264486	0.0008747	-0.08156	0.0008947	FSHB(+7.662kb)
rs34951229	11	30265166	0.0008747	-0.08156	0.0008947	FSHB(+8.342kb)
rs16921714	10	21595007	0.0008786	0.1703	0.0005861	.
rs2872006	3	78663634	0.0008798	-0.07084	0.0007695	ROBO1(0)
rs7986841	13	26889728	0.0008801	-0.3286	0.0007636	CDK8(0)
rs2174461	7	55935290	0.0008805	-0.0945	0.0008752	sep/14(+4.808kb)
rs2959526	18	19204474	0.0008828	-0.08736	0.0005511	SNRPD1(0)
rs34760598	7	79176311	0.0008829	-0.1155	0.0008293	.
5:1607640	5	1607640	0.0008835	-0.09875	0.0007718	.
rs11239108	10	45015510	0.0008837	-0.1524	0.0007938	.
1:171197266	1	171197266	0.000884	0.2224	0.0008652	FMO2(+15.44kb)

rs980206	6	50116489	0.0008854	0.09356	0.0007714	.
rs705516	1	64365927	0.0008857	0.1515	0.0003863	ROR1(0)
rs9518768	13	103194007	0.0008864	0.0731	0.0004426	.
8:71468392	8	71468392	0.0008885	0.1329	0.0007229	TRAM1(-17.28kb)
rs4666378	2	19245044	0.0008889	-0.1214	0.0005386	.
rs258880	5	16418880	0.0008892	0.08176	0.0006352	.
rs12134777	1	171138681	0.0008897	0.07199	0.0006174	FMO2(-15.71kb)
rs7891433	1	171139758	0.0008897	0.07199	0.0006174	FMO2(-14.63kb)
rs10912484	1	171140541	0.0008897	0.07199	0.0006174	FMO2(-13.85kb)
rs12132443	1	171142575	0.0008897	0.07199	0.0006174	FMO2(-11.81kb)
rs1919700	10	57411294	0.0008903	-0.07142	0.0009516	.
rs2384675	10	57494790	0.0008904	0.0712	0.0007859	.
rs13144461	4	66136680	0.0008908	0.146	0.0005489	.
2:208282465	2	208282465	0.0008917	-0.08149	0.000424	.
rs7067853	10	57500910	0.0008918	0.07108	0.0007084	.
rs1911018	5	40088135	0.0008928	-0.09883	0.0008672	.
rs1938211	6	48840687	0.0008931	0.3386	0.000951	.
rs9395416	6	48841545	0.0008933	0.3387	0.0009471	.
rs11710135	3	9398216	0.0008934	-0.1193	0.000856	THUMPD3(-6.5kb)
rs11940609	4	190298917	0.0008947	0.1184	0.0004841	.
rs951702	8	8123607	0.0008952	0.08661	0.0004843	.
rs11768243	7	872848	0.0008962	-0.0699	0.0009987	UNC84A(0)
rs10978969	9	110418281	0.0008966	-0.09765	0.0005394	.
rs4715105	6	48840215	0.0008974	0.3384	0.0009596	.
rs1930890	13	71040749	0.0008977	0.09231	0.0008821	.
rs6075539	20	19579029	0.0008986	-0.07096	0.0008686	SLC24A3(0)
rs11742648	5	27476072	0.000904	0.07083	0.0009997	.
rs1469705	19	31038995	0.0009047	-0.07938	0.0003979	ZNF536(0)
rs16839694	2	208233171	0.0009082	-0.08539	0.0003745	.
rs3768570	1	171157875	0.0009105	0.07236	0.0005557	FMO2(0)
rs62124497	2	13059460	0.0009115	-0.1436	0.0008846	.
rs4659495	1	237570457	0.0009127	0.0717	0.0007144	RYR2(0)
rs10740629	10	57499251	0.0009131	0.07104	0.0007585	.
rs6460967	7	12611252	0.0009137	0.06867	0.0007939	SCIN(0)
rs1580229	4	131476801	0.0009144	-0.07997	0.0008623	.
rs2969151	4	131477149	0.0009144	-0.07997	0.0008623	.
4:66133615	4	66133615	0.0009147	0.1458	0.00058	.
12:58385951	12	58385951	0.0009149	-0.1692	0.0008008	.
rs10825588	10	57492353	0.000915	0.07098	0.0007887	.
rs11677814	2	208237960	0.0009168	-0.0877	0.0003342	.
rs61765144	1	64418029	0.0009198	0.1496	0.0004148	ROR1(0)
rs10932191	2	208236250	0.0009203	-0.08584	0.0003341	.
rs13400830	2	13054564	0.0009218	-0.1427	0.0009819	.
rs9561208	13	93603787	0.000922	-0.2424	0.000853	.
rs9561210	13	93604453	0.000922	-0.2424	0.000853	.
rs11677973	2	208229097	0.0009231	-0.08501	0.0003803	.
rs2926415	4	131446680	0.0009238	0.07288	0.0008423	.

rs6954578	7	12604609	0.0009241	0.06862	0.0008734	SCIN(-5.593kb)
rs869218	18	46142862	0.0009248	0.08171	0.000693	KIAA0427(0)
11:23004474	11	23004474	0.0009251	-0.08807	0.000868	.
rs2244956	10	57414479	0.0009259	-0.07129	0.0009719	.
rs7834072	8	71898305	0.0009278	0.1263	0.0007097	.
rs856108	1	158896122	0.0009279	-0.08226	0.0008577	PYHIN1(-5.219kb)
rs6545600	2	57069147	0.0009289	0.0692	0.0009284	.
rs6117265	20	6436817	0.000929	-0.071	0.0003775	.
rs6107806	20	6436838	0.000929	-0.071	0.0003775	.
rs62438720	6	167186112	0.0009328	-0.08033	0.0009107	RPS6KA2(0)
rs11115902	12	83926144	0.0009329	0.2833	0.0009556	.
2:173189621	2	173189621	0.0009331	-0.1645	0.0005375	.
rs55695281	16	87039215	0.0009349	0.1707	0.0004692	.
rs9370129	6	13460321	0.0009352	-0.09742	0.0006385	GFOD1(0) C6orf114(-9.187kb)
rs1916519	10	57492823	0.0009353	0.07083	0.0008098	.
rs7895765	10	129210876	0.0009365	0.08204	0.0008626	.
rs6038510	20	6435029	0.000939	-0.06967	0.0004445	.
3:131821550	3	131821550	0.0009404	0.3166	0.0008074	.
rs953420	20	6416132	0.0009417	-0.07009	0.0004218	.
rs17214871	5	14007298	0.0009449	-0.07197	0.000641	.
rs11115898	12	83919184	0.000945	0.283	0.0009622	.
20:55471048	20	55471048	0.0009464	-0.1085	0.000533	.
rs285335	1	64435614	0.0009465	0.1523	0.0004662	ROR1(0)
rs2177367	10	57499807	0.0009466	0.07085	0.0007825	.
rs62506896	8	71843020	0.0009483	0.1405	0.0007592	.
rs10978996	9	110438441	0.0009484	-0.07313	0.0009922	.
rs11679664	2	208262400	0.0009497	-0.08058	0.0004249	.
rs11682446	2	208263699	0.0009497	-0.08058	0.0004249	.
rs17203403	2	208263990	0.0009497	-0.08058	0.0004249	.
rs56221145	7	142541278	0.0009497	-0.1084	0.0009195	EPHB6(-11.51kb)
rs12877721	13	113498981	0.00095	0.07392	0.0007556	ATP11A(0)
rs9550226	13	113499188	0.00095	0.07392	0.0007556	ATP11A(0)
rs7997897	13	113501209	0.0009515	0.07394	0.0007575	ATP11A(0)
rs9577858	13	113501620	0.0009515	0.07394	0.0007575	ATP11A(0)
rs7337058	13	113502583	0.0009515	0.07394	0.0007575	ATP11A(0)
rs7860896	9	120483103	0.0009516	-0.1245	0.000541	TLR4(+3.337kb)
rs17724250	5	58618234	0.0009527	0.1183	0.0005891	PDE4D(0)
2:208243995	2	208243995	0.0009531	-0.08628	0.0003432	.
rs487619	18	32628519	0.0009564	0.1277	0.0005059	MAPRE2(0)
18:32628645	18	32628645	0.0009564	0.1277	0.0005059	MAPRE2(0)
rs444601	5	14007930	0.0009567	-0.07186	0.0006393	.
rs820074	6	35034754	0.0009604	0.07046	0.0007423	ANKS1A(0)
rs153422	5	153729217	0.0009625	0.08115	0.0006722	GALNT10(0)
rs2820148	1	158853733	0.0009641	-0.0796	0.0008723	.
rs11586149	1	240929035	0.0009652	0.08559	0.00091	RGS7(-9.781kb)
rs2820179	1	158839681	0.0009682	-0.07952	0.0009059	.
rs4703488	5	34991809	0.0009686	0.07772	0.000631	AGXT2(-6.396kb)

rs416168	13	113493638	0.0009689	0.07395	0.0008029	ATP11A(0)
rs2426703	20	55806656	0.0009691	-0.08067	0.0008231	BMP7(0)
rs6025452	20	55807236	0.0009691	-0.08067	0.0008231	BMP7(0)
rs6025453	20	55807251	0.0009691	-0.08067	0.0008231	BMP7(0)
rs7944547	11	30290763	0.0009706	-0.08091	0.0009137	.
rs8070631	17	43120500	0.0009706	-0.08781	0.0004888	NMT1(-18.18kb) DCAKD(0)
rs11695841	2	208252592	0.000976	-0.08068	0.0003975	.
rs17491039	12	58386712	0.0009783	-0.1684	0.0008513	.
rs978607	14	77685457	0.0009783	0.09613	0.0008131	TMEM63C(0)
rs820075	6	35034059	0.0009789	0.07031	0.000742	ANKS1A(0)
rs1380273	4	131472977	0.0009798	-0.07918	0.0009441	.
rs2852688	1	158876894	0.0009802	-0.07941	0.0008834	.
rs2494075	1	158876991	0.0009802	-0.07941	0.0008834	.
rs35163685	2	208247180	0.0009805	-0.08592	0.0003314	.
rs2793846	1	158889162	0.000985	-0.07947	0.0008926	PYHIN1(-12.18kb)
rs856097	1	158890819	0.000985	-0.07947	0.0008926	PYHIN1(-10.52kb)
rs12504129	4	170829608	0.000986	-0.06871	0.0009758	.
rs7690888	4	170830157	0.000986	-0.06871	0.0009758	.
rs7691042	4	170830214	0.000986	-0.06871	0.0009758	.
rs7801351	7	12619740	0.0009862	0.06914	0.0008275	SCIN(0)
rs11082686	18	46142339	0.0009869	0.08147	0.0007764	KIAA0427(0)
rs10041419	5	14011208	0.000993	-0.07191	0.0007191	.
rs56699129	12	129551253	0.0009955	-0.09154	0.0008467	TMEM132D(-5.017kb)
rs1494452	7	146396057	0.0009971	-0.1037	0.0009918	CNTNAP2(0)
rs7335174	13	113496221	0.0009986	0.07431	0.000723	ATP11A(0)
rs2977877	8	136334953	0.0009988	0.09065	0.0007656	.
rs12808748	11	16519510	0.000999	0.09224	0.0007743	.
rs34221263	11	16526949	0.000999	0.09224	0.0007743	.
rs34310036	11	16530408	0.000999	0.09224	0.0007743	.
14:64843719	14	64843719	0.0009999	0.2514	0.0007761	MTHFD1(-11.37kb)
rs55929521	14	64846304	0.0009999	0.2514	0.0007761	MTHFD1(-8.788kb)
3:32812029	3	32812029	0.001	0.3282	0.0007698	CNOT10(0)
rs12537777	7	142536951	0.001	-0.1072	0.0008746	EPHB6(-15.84kb)

PC2

SNP	CHR	BP	p_plink	beta_plink	p_emmax	Annotation
rs2252518	12	52381026	4.59E-07	0.07156	5.48E-07	GRASP(-19.72kb) ACVR1B(0)
rs2252526	12	52381230	5.68E-07	0.07114	6.66E-07	GRASP(-19.52kb) ACVR1B(0)
rs2453069	12	52383641	6.98E-07	0.06982	8.45E-07	GRASP(-17.11kb) ACVR1B(0)
rs2854464	12	52388891	7.05E-07	0.0706	8.26E-07	GRASP(-11.86kb) ACVR1B(0)
rs1494630	5	63394170	1.12E-06	-0.1452	0.0000019	.
rs10876222	12	52362479	1.36E-06	0.0704	1.39E-06	ACVR1B(0)
rs62238885	22	32138138	0.0000015	0.1541	0.0000015	DEPDC5(-11.93kb)
rs62240516	22	32135582	0.0000015	0.1541	0.0000015	DEPDC5(-14.49kb)
rs62238886	22	32141311	1.64E-06	0.1554	1.65E-06	DEPDC5(-8.757kb)
rs34437092	12	52379238	2.07E-06	0.07148	2.49E-06	ACVR1B(0)
rs10783486	12	52362786	2.36E-06	0.06873	2.49E-06	ACVR1B(0)

rs16989760	22	31951808	2.57E-06	0.1297	2.82E-06	SFI1(0)
rs62237773	22	31965054	2.74E-06	0.1299	2.96E-06	SFI1(0)
rs16989278	22	31957167	2.99E-06	0.1293	3.27E-06	SFI1(0)
rs62237766	22	31957017	2.99E-06	0.1293	3.27E-06	SFI1(0)
rs62237769	22	31959271	2.99E-06	0.1293	3.27E-06	SFI1(0)
rs62237770	22	31961108	2.99E-06	0.1293	3.27E-06	SFI1(0)
rs62237793	22	31975063	3.33E-06	0.1295	3.59E-06	SFI1(0)
rs5753700	22	31971258	3.54E-06	0.1287	0.0000037	SFI1(0)
rs1582156	1	195492345	3.76E-06	-0.07163	3.83E-06	.
rs60336366	8	114662251	3.76E-06	0.2742	3.97E-06	.
rs7331194	13	106100393	0.0000039	0.05877	5.54E-06	DAOA(-17.97kb)
rs9351104	6	87347805	4.21E-06	0.05648	4.81E-06	.
rs62237796	22	31976578	4.66E-06	0.1271	5.14E-06	SFI1(0)
rs62237800	22	31982256	4.75E-06	0.1272	5.12E-06	SFI1(0)
rs62237801	22	31982615	4.75E-06	0.1272	5.12E-06	SFI1(0)
rs62237797	22	31976819	4.77E-06	0.127	5.23E-06	SFI1(0)
rs62237798	22	31976839	4.77E-06	0.127	5.23E-06	SFI1(0)
rs62237763	22	31947392	4.78E-06	0.1258	5.21E-06	SFI1(0)
rs62237764	22	31947393	4.78E-06	0.1258	5.21E-06	SFI1(0)
rs12723412	1	195472352	5.03E-06	-0.07199	4.67E-06	.
rs35728099	6	87343473	5.08E-06	0.05643	5.56E-06	.
rs61561528	22	31983071	5.34E-06	0.1271	5.64E-06	SFI1(0)
rs62237813	22	31991143	5.55E-06	0.1263	5.94E-06	SFI1(0)
rs1341403	13	106116807	5.69E-06	0.05769	7.86E-06	DAOA(-1.556kb)
rs55728055	22	32093268	5.77E-06	0.1325	5.89E-06	C22orf30(0)
rs2641530	12	52384811	0.0000058	0.06299	7.86E-06	GRASP(-15.94kb) ACVR1B(0)
rs4762039	12	52387337	5.82E-06	0.06748	7.07E-06	GRASP(-13.41kb) ACVR1B(0)
rs16989274	22	31955908	5.85E-06	0.06696	6.35E-06	SFI1(0)
rs4761841	12	52383227	5.85E-06	0.1274	0.0000071	GRASP(-17.52kb) ACVR1B(0)
rs1126113	13	106101917	5.99E-06	0.0576	8.38E-06	DAOA(-16.45kb)
rs1126115	13	106102143	5.99E-06	0.0576	8.38E-06	DAOA(-16.22kb)
rs6491959	13	106102756	5.99E-06	0.0576	8.38E-06	DAOA(-15.61kb)
rs9558553	13	106101355	5.99E-06	0.0576	8.38E-06	DAOA(-17.01kb)
rs61680841	15	91816343	0.000006	-0.09641	6.55E-06	SV2B(0)
rs2480757	1	195512720	6.08E-06	-0.06924	5.41E-06	.
rs12742781	1	195471950	6.25E-06	-0.07016	5.84E-06	.
rs62237790	22	31972301	6.28E-06	0.1277	6.71E-06	SFI1(0)
rs2400573	1	195473388	6.38E-06	-0.06996	5.95E-06	.
rs62026628	15	91817982	0.0000065	-0.09599	7.21E-06	SV2B(0)
rs17433688	6	87350040	6.61E-06	0.05528	7.09E-06	.
rs2221652	6	87345500	6.66E-06	0.05527	7.11E-06	.
rs6491960	13	106106233	0.0000067	0.0571	9.58E-06	DAOA(-12.13kb)
rs1935604	6	87352847	6.76E-06	0.1255	7.55E-06	.
rs55734125	22	31994074	6.76E-06	0.05532	7.24E-06	SFI1(0)
rs62240689	22	32113954	6.78E-06	0.1284	7.07E-06	C22orf30(+5.223kb)
rs62026609	15	91815768	6.81E-06	-0.09592	7.29E-06	SV2B(0)
rs1572764	1	195474792	7.05E-06	-0.06974	6.44E-06	.

rs62236223	22	31863554	7.06E-06	0.1243	7.42E-06	EIF4ENIF1(0)
rs55684328	22	31995024	7.07E-06	0.1252	7.59E-06	SFI1(0) PISD(-19.45kb)
rs56355520	22	31995195	7.07E-06	0.1252	7.59E-06	SFI1(0) PISD(-19.28kb)
rs62237818	22	31995953	7.07E-06	0.1252	7.59E-06	SFI1(0) PISD(-18.52kb)
rs7285091	22	31996363	7.07E-06	0.1252	7.59E-06	SFI1(0) PISD(-18.11kb)
rs8142821	22	31941240	7.18E-06	0.1244	7.44E-06	SFI1(0)
rs8139274	22	32003651	7.22E-06	0.1236	7.69E-06	SFI1(0) PISD(-10.83kb)
rs10737651	1	195465617	7.34E-06	-0.0695	7.13E-06	.
rs62240685	22	32101649	7.36E-06	0.1279	7.69E-06	C22orf30(0)
rs10921859	1	195473977	7.54E-06	-0.06906	7.03E-06	.
rs62237829	22	32002882	7.62E-06	0.1248	8.06E-06	SFI1(0) PISD(-11.6kb)
rs8139560	22	32003798	7.62E-06	0.1248	8.06E-06	SFI1(0) PISD(-10.68kb)
rs12704645	7	92622650	7.68E-06	0.05567	7.42E-06	.
rs10801423	1	195464733	7.69E-06	-0.06981	0.0000072	.
rs62239183	22	32065988	0.0000077	0.1275	8.03E-06	C22orf30(-6.253kb)
rs62468398	7	131893485	7.73E-06	-0.1634	0.0000129	PLXNA4(0)
rs10801424	1	195467805	7.79E-06	-0.06947	7.16E-06	.
rs9680589	22	31853484	7.89E-06	0.1239	7.92E-06	EIF4ENIF1(0)
rs6660422	1	195461367	7.97E-06	-0.06939	7.55E-06	.
rs62544064	9	26469905	8.09E-06	0.1867	8.15E-06	.
rs1416748	1	195473130	8.16E-06	-0.06924	7.51E-06	.
rs6668743	1	195456799	8.55E-06	-0.06933	8.56E-06	.
rs3934377	1	195457871	8.65E-06	-0.06916	8.11E-06	.
rs4329493	1	195460605	8.67E-06	-0.06914	8.19E-06	.
rs4503329	1	195460647	8.67E-06	-0.06914	8.19E-06	.
rs4657984	1	195460263	8.67E-06	-0.06914	8.19E-06	.
rs6697802	1	195461229	8.67E-06	-0.06914	8.19E-06	.
rs7535571	1	195460041	8.67E-06	-0.06914	8.19E-06	.
rs62237772	22	31964975	8.87E-06	0.1238	9.31E-06	SFI1(0)
rs16989650	22	31858029	8.91E-06	0.1235	8.89E-06	EIF4ENIF1(0)
rs56385611	22	31859511	9.01E-06	0.1234	9.03E-06	EIF4ENIF1(0)
rs1538596	1	195459410	9.14E-06	-0.06899	8.59E-06	.
rs1572765	1	195476951	9.15E-06	-0.06912	8.12E-06	.
rs1003827	7	92616518	9.18E-06	0.05537	0.000009	.
rs4581580	13	106103782	9.27E-06	0.06568	0.0000132	DAOA(-14.58kb)
rs4761842	12	52383229	9.27E-06	0.05636	0.0000114	GRASP(-17.52kb) ACVR1B(0)
rs1890647	1	195534620	9.38E-06	-0.06666	9.43E-06	.
rs16989427	22	32108475	0.0000094	0.1269	9.78E-06	C22orf30(0)
rs62237832	22	32011857	9.64E-06	0.1223	0.0000105	SFI1(0) PISD(-2.621kb)
rs62237833	22	32012141	9.64E-06	0.1223	0.0000105	SFI1(0) PISD(-2.337kb)
rs16989312	22	31999846	0.0000102	0.1212	0.0000109	SFI1(0) PISD(-14.63kb)
rs55806621	22	31945327	0.0000102	0.1234	0.0000108	SFI1(0)
rs12115450	9	26525312	0.0000103	-0.06813	0.0000118	.
rs1890644	1	195481919	0.0000103	-0.06716	9.84E-06	.
rs2790084	1	195562043	0.0000103	0.1666	8.87E-06	.
rs7790945	7	92619941	0.0000104	0.05474	0.0000107	.
rs10737652	1	195476077	0.0000106	-0.06807	0.00001	.

rs10737653	1	195476206	0.0000106	-0.06807	0.00001	.
rs2773449	1	195525644	0.0000107	-0.0671	0.00001	.
rs28606423	3	112336825	0.0000107	-0.07455	0.0000115	CCDC80(0)
rs62544373	9	26511876	0.0000107	0.1664	0.0000121	.
rs62544374	9	26515938	0.0000107	0.1665	0.000012	.
rs11587732	1	102402745	0.0000108	-0.1586	0.0000115	OLFM3(0)
rs62544375	9	26519444	0.0000111	0.1662	0.0000125	.
rs62544378	9	26522449	0.0000111	0.1662	0.0000125	.
rs6475909	9	26518389	0.0000111	0.1662	0.0000125	.
rs10801429	1	195494727	0.0000112	-0.06789	0.0000108	.
rs2242106	12	52369300	0.0000112	0.06566	0.000013	ACVR1B(0)
rs62544065	9	26477796	0.0000112	0.1738	0.000012	.
rs62544069	9	26480370	0.0000112	0.1738	0.000012	.
rs2773442	1	195540124	0.0000113	-0.06611	0.0000106	.
rs62544072	9	26483447	0.0000113	0.1737	0.0000121	.
rs7048432	9	26485894	0.0000113	0.1737	0.0000121	.
rs7301802	12	52384353	0.0000114	0.06537	0.0000134	GRASP(-16.39kb) ACVR1B(0)
rs1361349	1	195485556	0.0000116	-0.06772	0.0000111	.
rs1582157	1	195492387	0.0000116	-0.06772	0.0000111	.
rs1856559	1	195479135	0.0000116	-0.06772	0.0000111	.
rs2773445	1	195527361	0.0000116	-0.06772	0.0000109	.
rs6428292	1	195479612	0.0000116	-0.06602	0.0000111	.
rs1576473	1	195518668	0.0000117	-0.06693	0.0000107	.
rs2773444	1	195556698	0.0000117	-0.06667	9.71E-06	.
rs2391191	13	106119446	0.0000118	-0.06713	0.0000163	DAOA(0)
rs2790078	1	195557182	0.0000118	-0.06643	0.0000102	.
rs7529680	1	195503853	0.0000118	0.05609	0.0000104	.
rs1890646	1	195531594	0.0000119	-0.06591	0.0000111	.
rs2400603	1	195531079	0.0000119	-0.06591	0.0000111	.
rs2480756	1	195537767	0.000012	-0.06583	0.0000118	.
rs12133330	1	195494799	0.0000121	-0.06763	0.0000114	.
rs1339559	1	195493538	0.0000121	-0.06763	0.0000114	.
rs1339560	1	195493629	0.0000121	-0.06763	0.0000114	.
rs2486462	1	195522825	0.0000123	-0.06674	0.0000113	.
rs62236215	22	31834823	0.0000123	0.12	0.000013	EIF4ENIF1(-0.531kb) DRG1(+4.651k
rs16989753	22	31946282	0.0000124	0.1197	0.0000129	SFI1(0)
rs2211074	6	87349163	0.0000126	0.0536	0.0000132	.
rs2773447	1	195524515	0.0000128	-0.06635	0.0000119	.
rs2773448	1	195524762	0.0000128	-0.06635	0.0000119	.
rs62237761	22	31931397	0.0000128	-0.06635	0.0000135	SFI1(0)
rs7515404	1	195503649	0.0000128	0.1212	0.0000119	.
rs1018487	22	31992264	0.0000129	0.1333	0.0000132	SFI1(0)
rs2263381	1	195537470	0.000013	-0.06565	0.0000121	.
rs11811151	1	195520795	0.0000131	-0.06648	0.000013	.
rs9621295	22	32007153	0.0000133	0.1207	0.0000145	SFI1(0) PISD(-7.325kb)
rs1416749	1	195514280	0.0000134	-0.06616	0.0000125	.
rs2480758	1	195510708	0.0000134	-0.06616	0.0000125	.

rs7516487	1	195505679	0.0000134	-0.06616	0.0000125	.
rs3916966	13	106110895	0.0000135	0.05557	0.0000191	DAOA(-7.468kb)
rs1935596	6	87368368	0.0000136	-0.09647	0.0000158	.
rs63178362	1	172376053	0.0000136	0.05378	0.0000137	DNM3(0) C1orf105(-13.78kb)
rs10090582	8	54440206	0.0000142	0.1236	0.0000104	.
rs62236224	22	31866497	0.0000142	-0.082	0.0000144	EIF4ENIF1(0)
rs2486471	1	195555028	0.0000144	-0.06582	0.0000125	.
rs6657041	1	225573819	0.0000148	0.1942	0.0000151	LBR(-15.38kb)
rs2359997	12	52391833	0.000015	0.06536	0.0000166	GRASP(-8.914kb) ACVR1B(+0.973kb)
rs2790079	1	195559946	0.0000151	-0.1569	0.0000133	.
rs2790082	1	195560279	0.0000151	-0.1569	0.0000133	.
rs2790085	1	195562355	0.0000151	-0.0656	0.0000133	.
rs58294271	1	102398880	0.0000151	-0.0656	0.0000158	OLFM3(0)
rs61285779	1	102399210	0.0000151	-0.0656	0.0000158	OLFM3(0)
rs11585635	1	102405967	0.0000152	-0.1559	0.0000161	OLFM3(0)
rs17125793	1	102404461	0.0000152	-0.1559	0.0000161	OLFM3(0)
rs6677151	1	102407857	0.0000152	-0.1559	0.0000161	OLFM3(0)
rs7527275	1	195500182	0.0000154	-0.066	0.0000141	.
rs28495532	21	33653528	0.0000156	0.05968	0.000016	MRAP(-10.6kb) C21orf45(+2.152kb)
rs16916769	8	95371789	0.0000158	0.1761	0.0000127	RAD54B(-12.4kb)
rs7001164	8	95375692	0.0000158	0.1761	0.0000127	RAD54B(-8.495kb)
rs62237849	22	32029807	0.0000164	0.1226	0.0000183	SFI1(+15.27kb) PISD(+2.997kb)
rs1590888	1	195541586	0.0000168	-0.06473	0.0000163	.
rs1590889	1	195541613	0.0000168	-0.06473	0.0000163	.
rs2773431	1	195543496	0.0000168	-0.06473	0.0000163	.
rs2773434	1	195542035	0.0000168	-0.06473	0.0000163	.
rs2790070	1	195544560	0.0000168	-0.06473	0.0000163	.
rs1590890	1	195541709	0.0000169	-0.06609	0.0000165	.
rs10119649	9	26556779	0.0000171	0.1642	0.0000201	.
rs62544423	9	26554781	0.0000173	0.164	0.0000206	.
rs2773426	1	195544917	0.0000174	-0.06465	0.000017	.
rs62236218	22	31845153	0.0000175	0.1184	0.0000183	EIF4ENIF1(0) DRG1(+14.98kb)
rs56112397	22	32032939	0.0000176	0.1222	0.0000193	SFI1(+18.41kb) PISD(+6.129kb)
rs4916255	1	172380875	0.0000177	-0.09487	0.000019	DNM3(0) C1orf105(-8.954kb)
rs16989623	22	31840379	0.0000179	0.1182	0.0000189	EIF4ENIF1(0) DRG1(+10.21kb)
rs2400605	1	195540439	0.0000181	-0.06452	0.0000175	.
rs2480763	1	195564002	0.0000182	-0.06497	0.0000162	.
rs60523486	8	95461611	0.0000183	0.1707	0.0000163	RAD54B(0)
rs61410835	8	95458651	0.0000183	0.1707	0.0000163	RAD54B(0)
rs7829493	8	95461573	0.0000183	0.1707	0.0000163	RAD54B(0)
rs2480760	1	195544806	0.0000184	-0.06448	0.0000178	.
rs2890804	8	95459993	0.0000184	0.053	0.0000162	RAD54B(0)
rs62469724	7	131883743	0.0000184	-0.1515	0.0000289	PLXNA4(0)
rs9767633	6	87355348	0.0000184	0.1708	0.0000219	.
rs10754142	1	195456563	0.0000186	-0.06642	0.0000173	.
rs16989635	22	31847912	0.0000186	0.1184	0.0000194	EIF4ENIF1(0) DRG1(+17.74kb)
rs62542133	9	26507800	0.0000186	0.164	0.0000204	.

rs62542134	9	26508945	0.0000186	0.164	0.0000204	.
rs62237809	22	31990500	0.0000188	0.1216	0.0000198	SFI1(0)
rs2773432	1	195543251	0.0000191	-0.06422	0.0000203	.
rs16989638	22	31850607	0.0000193	0.1185	0.00002	EIF4ENIF1(0)
rs56314242	22	31851594	0.0000193	0.1186	0.0000199	EIF4ENIF1(0)
rs3916967	13	106117348	0.0000195	0.05439	0.000027	DAOA(-1.015kb)
rs62239181	22	32065080	0.0000196	0.1219	0.0000214	C22orf30(-7.161kb)
rs62468400	7	131897229	0.0000196	-0.1561	0.0000313	PLXNA4(0)
rs62026604	15	91812223	0.0000197	-0.09309	0.0000215	SV2B(0)
rs62468399	7	131894836	0.0000198	-0.1559	0.0000323	PLXNA4(0)
rs62544458	9	26562070	0.0000204	0.1636	0.000024	.
rs62544457	9	26561866	0.0000209	0.1634	0.0000246	.
rs62544459	9	26562077	0.0000209	0.1634	0.0000246	.
rs62546660	9	26563229	0.0000209	0.1634	0.0000246	.
rs62546661	9	26563271	0.0000209	0.1634	0.0000246	.
rs7861196	9	26561661	0.0000209	0.1634	0.0000246	.
rs10124563	9	26560415	0.000021	0.1634	0.0000245	.
rs8142355	22	32081681	0.0000211	0.1203	0.0000211	C22orf30(0)
rs17088143	4	58325905	0.0000215	-0.06473	0.0000228	.
rs61145075	9	26494064	0.0000216	0.167	0.0000232	.
rs62544110	9	26491151	0.0000216	0.167	0.0000232	.
rs7874959	9	26494720	0.0000216	0.167	0.0000232	.
rs12194827	6	87368616	0.0000217	0.05255	0.0000244	.
rs4735290	8	95398843	0.0000217	0.167	0.000018	RAD54B(0)
rs12542622	8	95477555	0.0000219	0.1703	0.0000192	RAD54B(0)
rs59233901	8	95476684	0.0000219	0.1703	0.0000192	RAD54B(0)
rs60654408	8	95468637	0.0000219	0.1703	0.0000192	RAD54B(0)
rs6991270	8	95472856	0.0000219	0.1703	0.0000192	RAD54B(0)
rs7845278	8	95469843	0.0000219	0.1703	0.0000192	RAD54B(0)
rs2214516	7	96053137	0.000022	0.2406	0.0000179	.
rs62542130	9	26501246	0.0000224	0.1645	0.0000245	.
rs7466810	9	26499954	0.0000224	0.1645	0.0000245	.
rs7856635	9	26502634	0.0000224	0.1645	0.0000245	.
rs7863975	9	26500675	0.0000224	0.1645	0.0000245	.
rs8047770	16	13763411	0.0000232	0.07329	0.0000228	.
rs1932850	1	102410515	0.0000238	-0.1516	0.000026	OLFM3(0)
rs6938584	6	87370190	0.0000241	0.0523	0.000027	.
rs12429858	13	38486031	0.0000243	-0.07765	0.000027	.
rs978875	1	172374555	0.0000244	-0.09347	0.0000246	DNM3(0) C1orf105(-15.27kb)
rs10953080	7	92610009	0.000025	0.05276	0.0000281	.
rs1013803	7	92623141	0.0000252	0.05134	0.0000256	.
rs12506913	4	139305156	0.0000254	-0.05655	0.0000212	.
rs2773453	1	195515159	0.0000256	-0.06432	0.0000246	.
rs2790064	1	195515157	0.0000256	-0.06432	0.0000246	.
rs55648708	22	32032062	0.0000258	0.1194	0.0000284	SFI1(+17.53kb) PISD(+5.252kb)
rs62237852	22	32032442	0.0000258	0.1194	0.0000284	SFI1(+17.91kb) PISD(+5.632kb)
rs62542131	9	26506084	0.0000266	0.1619	0.0000296	.

rs62542132	9	26506170	0.0000266	0.1619	0.0000296	.
rs10088177	8	117756957	0.0000267	0.07885	0.0000259	EIF3H(0)
rs6428290	1	195454955	0.0000269	-0.06544	0.0000253	.
rs5998081	22	32070637	0.0000272	0.1131	0.0000292	C22orf30(-1.604kb)
rs2773428	1	195545892	0.0000278	-0.06295	0.0000273	.
rs16989385	22	32064322	0.0000284	0.1196	0.0000309	C22orf30(-7.919kb)
rs62236171	22	31743999	0.0000284	0.1199	0.0000295	PATZ1(+1.75kb)
rs6570531	6	143213872	0.0000284	0.1684	0.0000299	HIVEP2(0)
rs155034	5	4356449	0.0000289	-0.06892	0.000028	.
rs726427	1	184665593	0.0000293	-0.05111	0.0000382	EDEM3(0)
rs9425635	1	184663898	0.0000293	-0.05112	0.0000382	EDEM3(0)
rs10905434	10	8681924	0.0000294	-0.06793	0.0000312	.
rs2773429	1	195547326	0.0000298	-0.06274	0.0000292	.
rs57886497	22	32060863	0.00003	0.1196	0.0000324	C22orf30(-11.38kb)
rs58365021	22	32060838	0.00003	0.1196	0.0000324	C22orf30(-11.4kb)
rs10492769	16	13773829	0.0000301	0.06517	0.0000266	.
rs7336052	13	38489284	0.0000302	-0.07678	0.0000333	.
rs16989379	22	32058269	0.0000309	0.1194	0.0000335	C22orf30(-13.97kb)
rs56156742	22	32052738	0.0000309	0.1194	0.0000335	C22orf30(-19.5kb)
rs62239180	22	32062608	0.0000311	0.1193	0.0000336	C22orf30(-9.633kb)
rs7290517	22	32063696	0.0000312	0.1197	0.0000336	C22orf30(-8.545kb)
rs62468397	7	131891790	0.0000313	-0.1545	0.0000506	PLXNA4(0)
rs12491131	3	112340432	0.0000317	-0.07181	0.0000334	CCDC80(0)
rs4916185	1	172388441	0.0000319	-0.08907	0.000034	DNM3(+6.584kb) C1orf105(-1.388kb)
rs7934777	11	78817269	0.0000321	-0.09702	0.0000258	ODZ4(0)
rs2374927	1	195455719	0.0000322	-0.06507	0.0000295	.
rs62542128	9	26497587	0.0000322	0.1624	0.0000347	.
rs2773427	1	195545694	0.0000326	-0.06278	0.0000327	.
rs185475	5	4348551	0.0000331	-0.06732	0.0000355	.
rs10902513	12	132693487	0.0000341	0.05161	0.0000369	.
rs1863747	10	123166326	0.0000345	-0.2313	0.0000355	.
rs56128775	10	123165270	0.0000345	-0.2313	0.0000355	.
rs4609002	6	87365421	0.0000346	0.05128	0.0000392	.
rs1578475	13	106106804	0.0000349	0.05288	0.0000502	DAOA(-11.56kb)
rs56004352	8	95318228	0.0000357	0.1196	0.0000293	.
rs59060370	8	95318225	0.0000357	0.1997	0.0000293	.
rs62239378	22	31699702	0.0000357	0.1997	0.0000367	PIK3IP1(+11.23kb)
rs4243871	8	138309803	0.0000358	-0.2172	0.000071	.
rs155356	5	4346529	0.0000363	0.1167	0.000042	.
rs62237446	22	31637663	0.0000363	-0.06652	0.0000368	LIMK2(0)
rs56136528	22	31559944	0.0000365	0.1162	0.0000347	RNF185(0)
rs55888048	22	31577704	0.0000366	0.1208	0.0000366	RNF185(0)
rs7545434	1	195454696	0.000037	-0.06435	0.0000345	.
rs55796616	22	32294957	0.0000373	0.1084	0.0000391	DEPDC5(0)
rs131237	22	32120373	0.0000374	0.1036	0.0000398	C22orf30(+11.64kb)
rs55934210	7	78339339	0.0000381	-0.1503	0.0000436	MAGI2(0)
rs60535405	8	26657403	0.0000392	-0.1146	0.0000388	ADRA1A(0)

rs6992829	8	52189796	0.0000392	0.05712	0.0000428	.
rs16837692	4	5812974	0.0000393	-0.0711	0.0000372	EVC(0) CRMP1(-9.516kb)
rs62236183	22	31789484	0.0000398	0.1119	0.0000426	DRG1(-6.054kb)
rs62236187	22	31806674	0.0000398	0.1119	0.0000426	DRG1(0)
rs55997441	22	31627989	0.0000404	0.1164	0.0000407	LIMK2(0)
rs2494739	14	105246989	0.0000405	-0.101	0.0000476	AKT1(0)
rs4657982	1	195454512	0.0000413	-0.06393	0.0000385	.
rs2157923	7	92604532	0.0000414	0.05159	0.0000423	.
rs6701270	1	195446927	0.0000418	-0.06336	0.000036	.
rs11734691	4	58334190	0.0000424	-0.06094	0.0000435	.
rs261147	5	4352896	0.0000427	-0.06655	0.000045	.
rs261148	5	4352488	0.0000427	-0.06655	0.000045	.
rs2239994	15	91808728	0.0000438	-0.06317	0.0000467	SV2B(0)
rs4657980	1	195447074	0.0000438	-0.07747	0.0000378	.
rs35478695	1	184715417	0.0000442	-0.05031	0.0000568	EDEM3(0)
rs10411210	19	33532300	0.0000443	-0.08605	0.0000417	RHPN2(0)
rs1935591	6	87364090	0.0000447	0.05116	0.0000493	.
rs16916798	8	95406276	0.000045	0.163	0.0000374	RAD54B(0)
rs4734277	8	95403307	0.000045	0.163	0.0000374	RAD54B(0)
rs58866206	8	95400471	0.000045	0.163	0.0000374	RAD54B(0)
rs4780533	16	13770981	0.0000467	0.0634	0.0000399	.
rs16989682	22	31900224	0.0000473	0.0635	0.0000475	SFI1(0) EIF4ENIF1(+14.52kb)
rs4781530	16	13770650	0.0000473	0.0635	0.0000393	.
rs7202586	16	13768391	0.0000473	0.1211	0.0000393	.
rs2324949	6	87344127	0.0000477	-0.05052	0.0000553	.
rs879092	1	4820966	0.0000483	-0.09056	0.0000656	AJAP1(0)
rs261146	5	4354442	0.0000484	-0.06645	0.0000509	.
rs62544062	9	26464282	0.0000487	0.1826	0.0000487	.
rs932196	2	7126676	0.000049	-0.058	0.0000659	RNF144A(0)
rs7801759	7	92636278	0.0000492	0.04949	0.0000507	.
rs623562	11	35508190	0.0000495	-0.08533	0.0000402	DKFZP586H2123(0)
rs1935601	6	87352507	0.0000502	-0.05056	0.0000582	.
rs11992458	8	54439839	0.0000512	-0.08167	0.000041	.
rs62237848	22	32029658	0.0000513	0.1093	0.000059	SFI1(+15.12kb) PISD(+2.848kb)
rs35106590	1	152780421	0.0000515	-0.08382	0.0000477	LCE1A(-19.53kb) LCE1E(+19.52kb)
rs261151	5	4350760	0.0000517	-0.06626	0.0000581	.
rs12160763	22	31794754	0.0000522	0.1107	0.0000558	DRG1(-0.784kb)
rs62239187	22	32071119	0.0000524	0.1049	0.0000549	C22orf30(-1.122kb)
rs55989726	8	95349558	0.0000533	-0.06232	0.0000456	.
rs7541511	1	195452650	0.0000533	0.1741	0.0000449	.
rs59468162	8	95352589	0.0000537	0.1742	0.000045	.
rs261153	5	4347803	0.0000538	-0.06226	0.0000578	.
rs6428288	1	195452860	0.0000538	-0.06226	0.0000456	.
rs7450863	6	87367811	0.0000538	-0.06513	0.000062	.
rs7541514	1	195452658	0.0000538	0.05009	0.0000456	.
rs2618974	7	95450263	0.000054	-0.08566	0.0000583	DYNC1I1(0)
rs2690288	7	95450278	0.000054	0.0499	0.0000583	DYNC1I1(0)

rs60507951	19	33544187	0.000054	0.0499	0.0000642	RHPN2(0)
rs12945638	17	32884827	0.0000543	-0.05431	0.0000514	FLJ44815(-16.31kb)
rs16989617	22	31839151	0.0000548	0.111	0.0000582	EIF4ENIF1(0) DRG1(+8.979kb)
rs4735283	8	95320872	0.0000551	0.1908	0.0000458	.
rs36086535	6	87362752	0.000057	0.04978	0.0000634	.
rs261152	5	4348614	0.0000573	-0.06558	0.00006	.
rs6428287	1	195448040	0.0000578	-0.06206	0.0000481	.
rs6678481	1	195450375	0.0000578	-0.06206	0.0000481	.
rs7191035	16	13801319	0.0000582	0.06216	0.0000524	.
rs324415	1	46858129	0.0000585	-0.1012	0.0000642	FAAH(-1.809kb)
rs7874407	9	26522011	0.0000592	0.1564	0.0000677	.
rs62544061	9	26463937	0.00006	0.1789	0.0000602	.
rs12124714	1	184709564	0.0000601	-0.04954	0.0000755	EDEM3(0)
rs62237834	22	32015314	0.000061	0.1072	0.0000671	SFI1(+0.78kb) PISD(0)
rs11723440	4	58334484	0.0000611	-0.05966	0.0000636	.
rs28834379	15	25943257	0.0000621	-0.1343	0.0000552	ATP10A(0)
rs4816429	21	33648964	0.0000622	0.05565	0.0000606	MRAP(-15.16kb) C21orf45(0)
rs2152404	14	33466601	0.0000628	0.06805	0.0000605	NPAS3(0)
rs2152405	14	33466603	0.0000628	0.06805	0.0000605	NPAS3(0)
rs62543159	9	26457578	0.0000632	0.1768	0.0000642	.
rs553401	3	62766018	0.0000633	-0.0761	0.0000713	CADPS(0)
rs553403	3	62766017	0.0000633	-0.0761	0.0000713	CADPS(0)
rs6802803	3	62765999	0.0000633	-0.0761	0.0000713	CADPS(0)
rs1954290	6	87351573	0.0000634	-0.04945	0.0000702	.
rs1954291	6	87352034	0.0000638	-0.04941	0.0000746	.
rs12635032	3	2255189	0.0000642	-0.08421	0.0000614	CNTN4(0)
rs7689182	4	37716715	0.0000644	-0.04994	0.0000775	.
rs10905432	10	8680784	0.0000645	-0.06593	0.0000643	.
rs2033294	7	84975931	0.0000646	0.05117	0.0000612	.
rs11901569	2	58523045	0.0000651	0.1745	0.0000618	.
rs6849876	4	58323931	0.0000651	-0.05922	0.0000685	.
rs62543157	9	26454617	0.0000657	0.1764	0.0000668	.
rs1348114	4	58340318	0.0000661	-0.0595	0.0000683	.
rs4475208	4	58338064	0.0000661	-0.0595	0.0000683	.
rs6950763	7	84991184	0.0000664	0.05054	0.0000712	.
rs10974630	9	4571216	0.0000667	-0.05845	0.0000723	SLC1A1(0)
rs13125956	4	37718097	0.000067	-0.04999	0.0000683	.
rs2732768	7	84952532	0.000067	0.05031	0.0000702	.
rs958896	1	100267047	0.0000673	-0.09049	0.0000677	.
rs10911634	1	184668823	0.0000674	-0.0514	0.0000914	EDEM3(0)
rs34861692	4	58359465	0.0000676	-0.0591	0.0000704	.
rs2324950	6	87350271	0.0000677	-0.04959	0.0000755	.
rs10041713	5	124252550	0.0000678	-0.07982	0.000059	.
rs10793807	5	124252542	0.0000678	-0.07982	0.000059	.
rs9768802	7	92639145	0.0000678	0.04901	0.000069	.
rs10754140	1	195448770	0.0000683	-0.06143	0.0000583	.
rs34175168	18	57180682	0.0000685	0.2141	0.0000797	CCBE1(0)

rs11655897	17	32877548	0.000069	0.05426	0.0000509	.
rs2790072	1	195547293	0.0000693	-0.05996	0.0000699	.
rs16970017	17	32880189	0.0000694	-0.06399	0.0000743	.
rs60425434	8	95359316	0.0000694	0.1694	0.0000579	.
rs10853169	17	32887242	0.00007	-0.05411	0.0000659	FLJ44815(-13.9kb)
rs11734485	4	58324530	0.00007	-0.05888	0.0000729	.
rs9360124	6	66052675	0.0000701	0.05427	0.0000743	EGFL11(0)
rs62542125	9	26493216	0.0000702	0.1627	0.0000753	.
rs12509045	4	139307009	0.0000708	-0.05219	0.0000623	.
rs17302673	4	139304675	0.0000708	-0.05219	0.0000623	.
rs12952403	17	32885502	0.0000716	-0.05329	0.0000695	FLJ44815(-15.64kb)
rs1441067	4	58332061	0.000072	-0.05887	0.0000748	.
rs17600042	7	96661390	0.0000723	-0.1141	0.0000625	DLX5(+7.247kb)
rs12222365	11	98529903	0.0000728	0.05323	0.0000623	.
rs1061508	1	184662181	0.0000729	-0.04864	0.0000954	EDEM3(0)
rs62237803	22	31983903	0.0000729	0.1267	0.0000728	SFI1(0)
rs12943903	17	32884958	0.000073	0.2062	0.0000727	FLJ44815(-16.18kb)
rs17556220	10	70716061	0.000073	-0.05411	0.0000759	DDX50(+9.458kb) DDX21(0)
rs28403377	19	33540269	0.0000731	0.07861	0.0000851	RHPN2(0)
rs6699725	1	161703525	0.0000731	-0.08251	0.0000715	FCRLA(+19.38kb) FCRLB(+5.592kb)
rs958897	1	100267158	0.0000737	-0.09017	0.0000743	.
rs1508351	6	87346787	0.0000738	-0.04897	0.0000858	.
rs28637119	6	87349779	0.0000738	-0.04897	0.0000858	.
rs7255601	19	33549775	0.0000739	-0.08376	0.0000879	RHPN2(0)
rs62237366	22	31548196	0.0000741	0.111	0.000074	RNF185(-7.982kb) PLA2G3(+11.73kb)
rs34001608	10	132853817	0.0000752	-0.1532	0.0000733	.
rs10053668	5	160600767	0.0000754	0.06552	0.0000735	.
rs10076116	5	160598882	0.0000754	-0.09161	0.0000735	.
rs17271161	3	41566564	0.0000754	-0.09161	0.0000793	ULK4(0)
rs2696174	7	84967827	0.0000757	0.04965	0.0000781	.
rs2324951	6	87352434	0.000076	-0.04894	0.0000882	.
rs34603935	8	4236904	0.0000761	0.04938	0.0000619	CSMD1(0)
rs62479544	8	4236939	0.0000761	0.04938	0.0000619	CSMD1(0)
rs13115041	4	37707375	0.0000765	-0.04907	0.0000817	RELL1(+19.38kb)
rs1173912	11	35511874	0.0000769	-0.08301	0.0000632	DKFZP586H2123(0)
rs589406	11	35511743	0.0000769	-0.08301	0.0000632	DKFZP586H2123(0)
rs9369409	6	43346462	0.0000769	0.04818	0.0000824	ZNF318(+9.281kb)
rs11947058	4	58342089	0.0000773	-0.05902	0.0000796	.
rs13122056	4	58327688	0.0000774	-0.05845	0.0000813	.
rs17831752	4	58327171	0.0000774	-0.05845	0.0000813	.
rs10932855	2	221207438	0.0000777	-0.06082	0.00009	.
rs12147399	14	36875728	0.0000798	-0.0563	0.0000831	.
rs12937793	17	32893649	0.0000798	0.0506	0.0000636	TMEM132E(-14.12kb) FLJ44815(-7.4
rs2875112	11	129280539	0.00008	0.08287	0.0000948	BARX2(0)
rs9519679	13	106110385	0.00008	0.04959	0.0001096	DAOA(-7.978kb)
rs4262519	1	87728007	0.0000802	0.04891	0.0000622	.
rs7520252	1	87734757	0.0000802	0.04891	0.0000622	.

rs953932	3	41567962	0.0000802	0.0644	0.0000859	ULK4(0)
rs3933099	3	112352947	0.000081	-0.06657	0.0000905	CCDC80(0)
rs17063849	4	177804839	0.0000814	0.07489	0.0000572	.
rs13279543	8	117809105	0.0000815	0.07286	0.0000775	.
rs62240684	22	32095147	0.0000818	0.1024	0.0000893	C22orf30(0)
rs1612774	7	95469291	0.0000827	0.04894	0.0000823	DYNC111(0)
rs8141719	22	32095499	0.0000834	0.1016	0.0000929	C22orf30(0)
rs12541117	8	95453892	0.0000837	0.1557	0.0000747	RAD54B(0)
rs11733782	4	58325108	0.0000838	-0.0582	0.0000875	.
rs1835285	7	84971630	0.0000838	0.04932	0.000087	.
rs56107942	6	154731006	0.000084	-0.2006	0.0000629	CNKSR3(0)
rs581788	11	94815874	0.0000843	0.0469	0.000099	SFRS2B(+11.49kb) ENDOD1(-7.142kb)
rs2732765	7	84957230	0.0000845	0.04928	0.0000876	.
rs590102	11	35513053	0.0000846	-0.08241	0.0000714	DKFZP586H2123(0)
rs10437406	10	20791363	0.0000849	-0.165	0.000084	.
rs10437427	10	20791386	0.0000849	-0.165	0.000084	.
rs12250109	10	20791863	0.0000849	-0.165	0.000084	.
rs7920043	10	20789900	0.0000849	-0.165	0.000084	.
rs7920275	10	20790084	0.0000849	-0.165	0.000084	.
rs12032144	1	184687576	0.0000852	-0.0479	0.0001124	EDEM3(0)
rs11725834	4	58342715	0.000086	-0.05863	0.0000892	.
rs62439021	6	87312134	0.0000861	-0.06906	0.0001071	.
rs4795934	17	32876707	0.0000863	0.054	0.0000616	.
rs9899133	17	67876391	0.0000866	-0.06468	0.0000935	.
rs9993902	4	58343427	0.0000866	-0.05856	0.0000901	.
rs13131369	4	37718034	0.0000875	-0.04922	0.0000902	.
rs12254460	10	20794045	0.0000876	-0.1645	0.000089	.
rs12254775	10	20794521	0.0000876	-0.1645	0.000089	.
rs11725660	4	58328884	0.0000883	-0.05819	0.000086	.
rs6495315	15	78981758	0.0000888	0.2089	0.0000867	.
rs12265322	10	20791912	0.0000889	-0.1647	0.0000872	.
rs4864412	4	138266800	0.0000893	-0.05565	0.0000887	.
rs2374614	7	92609705	0.0000902	0.04932	0.0000966	.
rs11166926	8	140795752	0.0000904	-0.0474	0.0001111	NIBP(0)
rs1405974	7	84956670	0.0000905	-0.05664	0.0000926	.
rs2564777	7	84958189	0.0000905	0.04911	0.0000926	.
rs2564780	7	84964905	0.0000905	0.04911	0.0000926	.
rs2696173	7	84965793	0.0000905	0.04911	0.0000926	.
rs9294358	6	87333241	0.0000905	0.04911	0.0000942	.
rs11885675	2	58522661	0.0000911	0.159	0.0000829	.
rs11886987	2	58523124	0.0000911	0.159	0.0000829	.
rs11899695	2	58526934	0.0000911	0.159	0.0000829	.
rs13125455	4	58346101	0.0000917	-0.05832	0.000096	.
rs2564778	7	84958416	0.0000919	0.1157	0.0000923	.
rs7288051	22	32013816	0.0000919	0.04916	0.000095	SFI1(0) PISD(-0.662kb)
rs62238935	22	32301770	0.0000924	0.06996	0.0000836	DEPDC5(0)
rs16962723	16	13803064	0.0000932	0.05999	0.0000834	.

rs6931825	6	144079788	0.0000932	-0.07693	0.0000985	PHACTR2(0)
rs4772687	13	106113547	0.0000939	0.04928	0.0001311	DAOA(-4.816kb)
rs1429748	7	84972738	0.0000941	0.04912	0.0000965	.
rs10504937	8	95421050	0.000095	0.04829	0.000081	RAD54B(0)
rs12541176	8	95424066	0.000095	-0.06502	0.000081	RAD54B(0)
rs7397715	12	132695710	0.000095	0.1569	0.0001073	.
rs8044125	16	89624574	0.000095	0.1569	0.0001046	SPG7(+0.4kb) RPL13(-2.515kb) CPN
rs11067585	12	115853437	0.0000951	-0.05306	0.000084	.
rs7222340	17	67862505	0.0000954	-0.06374	0.0001033	.
rs1508349	6	87322664	0.0000955	-0.06816	0.0001205	.
rs1468548	17	32877472	0.000096	-0.06437	0.0001038	.
rs1677841	7	95467516	0.000096	0.04828	0.0000907	DYNC111(0)
rs13062908	3	41558427	0.0000961	0.06409	0.000103	ULK4(0)
rs34845043	3	41565804	0.0000961	0.06409	0.000103	ULK4(0)
rs13433130	20	24387445	0.0000966	-0.1996	0.000093	.
rs11990068	8	52197895	0.0000968	0.0537	0.0001124	.
rs35449568	6	87326049	0.0000974	-0.0681	0.0001236	.
rs1030620	18	39455512	0.0000975	-0.04748	0.0001466	.
rs62543158	9	26457005	0.0000977	0.1767	0.0000972	.
rs59754231	4	138294341	0.0000979	-0.05496	0.0000947	.
rs9519675	13	106107964	0.000098	0.04913	0.0001347	DAOA(-10.4kb)
rs7803519	7	92640666	0.0000984	0.04862	0.0000976	.
rs4817480	21	33668024	0.0000988	0.05036	0.0001076	MRAP(0) C21orf45(+16.65kb)
rs4729057	7	92635659	0.0000992	0.04832	0.0000976	.
rs7258173	19	33554109	0.0000994	-0.08182	0.0001164	RHPN2(0) GPATCH1(-17.68kb)
rs62237437	22	31610506	0.0000997	0.1092	0.000101	RNF185(+7.506kb) LIMK2(0)
rs12254509	10	20794085	0.0001005	-0.1603	0.0001069	.
rs16989620	22	31839244	0.0001012	0.1154	0.0001042	EIF4ENIF1(0) DRG1(+9.072kb)
rs13135737	4	138290191	0.0001016	-0.05477	0.0000994	.
rs12600918	17	32895875	0.0001017	0.04975	0.0000817	TMEM132E(-11.89kb) FLJ44815(-5.2
rs9548107	13	38497210	0.0001021	-0.07014	0.0001191	.
rs13102887	4	58350801	0.0001027	-0.0573	0.000109	.
rs57841232	8	114663000	0.0001027	0.2091	0.0001086	.
rs6473594	8	52229921	0.0001029	0.05372	0.0001222	PXDNL(-2.215kb)
rs1434342	13	105266918	0.0001031	0.05763	0.0001128	.
rs35347633	3	41544907	0.0001031	0.06462	0.0001046	ULK4(0)
rs17794609	16	13791465	0.0001036	0.06449	0.000095	.
rs62544063	9	26465331	0.0001039	0.1758	0.0001062	.
rs7217712	17	32894641	0.000104	0.04961	0.0000846	TMEM132E(-13.13kb) FLJ44815(-6.5
rs1415628	13	38498568	0.0001042	-0.06989	0.0001227	.
rs9315526	13	38496577	0.0001042	-0.06989	0.0001227	.
rs9548104	13	38497102	0.0001042	-0.06989	0.0001227	.
rs9548109	13	38499760	0.0001042	-0.06989	0.0001227	.
rs9428107	1	118858218	0.0001043	-0.07684	0.000081	.
rs10424333	19	33527596	0.0001046	-0.08265	0.0000991	RHPN2(0)
rs11880141	19	33526948	0.0001046	-0.08265	0.0000991	RHPN2(0)
rs12944367	17	32893550	0.0001048	0.04987	0.0000829	TMEM132E(-14.22kb) FLJ44815(-7.5

rs2126128	8	140788299	0.0001052	-0.04927	0.0001272	NIBP(0)
rs11881367	19	33551428	0.0001054	-0.08139	0.0001241	RHPN2(0)
rs11992169	8	52178838	0.0001054	0.05293	0.0001266	.
rs17794615	16	13791699	0.0001058	0.0604	0.0000937	.
rs7249860	19	33551772	0.0001058	-0.0814	0.0001239	RHPN2(0)
rs9519671	13	106105590	0.0001059	0.04867	0.0001468	DAOA(-12.77kb)
rs261139	5	4360537	0.0001062	-0.06269	0.0001092	.
rs10093512	8	52175026	0.0001064	0.05287	0.0001275	.
rs12600948	17	32895356	0.0001071	0.04976	0.0000849	TMEM132E(-12.41kb) FLJ44815(-5.7
rs2066706	15	25932990	0.0001073	-0.1283	0.0000955	ATP10A(0)
rs62063917	17	32888567	0.0001077	0.05358	0.0000759	TMEM132E(-19.2kb) FLJ44815(-12.5
rs17302652	4	139304603	0.0001078	-0.05141	0.0001007	.
rs7807666	7	92641079	0.000109	0.051	0.000113	.
rs4393677	18	57168780	0.0001108	0.2054	0.000128	CCBE1(0)
rs56672175	18	57171116	0.0001108	0.2054	0.000128	CCBE1(0)
rs8132833	21	33668493	0.0001108	0.04939	0.0001276	MRAP(0) C21orf45(+17.12kb)
rs552946	7	138642602	0.000111	0.113	0.0001183	.
rs62236231	22	31905564	0.000111	0.113	0.0001146	SFI1(0) EIF4ENIF1(+19.86kb)
rs62236232	22	31905828	0.000111	0.05062	0.0001146	SFI1(0)
rs6469466	8	114644531	0.0001112	0.2135	0.0001175	.
rs62439017	6	87310322	0.0001113	-0.05596	0.0001127	.
rs1483647	17	71514191	0.000113	0.04932	0.0001366	.
rs1483648	17	71514187	0.000113	0.04932	0.0001366	.
rs12545462	8	140798210	0.0001133	0.04703	0.0001393	NIBP(0)
rs10958255	8	52178191	0.0001136	0.05305	0.0001361	.
rs36185331	1	100260640	0.0001137	-0.08802	0.0001138	.
rs6133605	20	8673575	0.000114	-0.1514	0.0001092	PLCB1(0)
rs6140693	20	8675039	0.000114	-0.1514	0.0001092	PLCB1(0)
rs7265041	20	8669935	0.000114	-0.1514	0.0001092	PLCB1(0)
rs17794561	16	13766080	0.0001144	0.06115	0.0000994	.
rs10095889	8	117758844	0.0001146	0.05584	0.0001006	UTP23(-19.9kb) EIF3H(0)
rs10892005	11	98462369	0.0001147	0.04972	0.0001095	.
rs12600962	17	32895461	0.000115	0.04932	0.0000926	TMEM132E(-12.31kb) FLJ44815(-5.6
rs34393442	4	58347879	0.0001151	-0.05985	0.0001318	.
rs11987046	8	55320060	0.0001155	-0.1908	0.0001155	.
rs7455090	7	84971780	0.0001163	0.04837	0.0001204	.
rs16927334	10	27077357	0.0001164	-0.06209	0.000133	ABI1(0)
rs946024	13	101942672	0.0001165	0.09311	0.0001342	NALCN(0)
rs9425633	1	184657251	0.0001168	-0.04734	0.0001274	EDEM3(-2.373kb)
rs8101981	19	16144586	0.000117	-0.04867	0.0001305	.
rs1527928	7	84932825	0.0001171	0.04785	0.0001155	.
rs7843275	8	52177946	0.0001173	0.05256	0.0001405	.
rs12956996	18	57161975	0.0001186	0.2315	0.0001394	CCBE1(0)
rs12505439	4	139301744	0.0001187	0.04921	0.0001064	.
rs12947545	17	32895133	0.0001187	-0.05049	0.0000958	TMEM132E(-12.63kb) FLJ44815(-6.0
rs16945485	15	91805261	0.0001197	-0.06581	0.0001177	SV2B(0)
rs7226276	17	71512885	0.0001198	0.04937	0.0001421	.

rs5998079	22	32069414	0.00012	0.09908	0.0001254	C22orf30(-2.827kb)
rs12966739	18	57188494	0.0001208	0.2071	0.0001344	CCBE1(0)
rs34983675	18	57181064	0.000121	0.1968	0.000141	CCBE1(0)
rs9657149	8	52195991	0.000121	0.05272	0.0001442	.
rs62439016	6	87310131	0.0001213	-0.05639	0.000123	.
rs2732766	7	84954624	0.0001215	0.04833	0.0001222	.
rs12600947	17	32895325	0.0001222	0.04965	0.0000993	TMEM132E(-12.44kb) FLJ44815(-5.8
rs1046239	1	184660205	0.0001224	-0.04724	0.0001513	EDEM3(0)
rs3755642	3	148941601	0.0001229	-0.09497	0.0001393	CP(+1.769kb)
rs7218804	17	32894283	0.000123	0.0491	0.0000993	TMEM132E(-13.48kb) FLJ44815(-6.8
rs4943551	13	38504090	0.0001235	-0.06925	0.0001485	.
rs11792025	9	89983936	0.0001237	0.05707	0.000129	.
rs1434344	13	105269066	0.0001237	-0.07667	0.0001297	.
rs16884805	8	114545787	0.000124	0.2313	0.0001356	.
rs16884821	8	114554238	0.000124	0.2313	0.0001356	.
rs4532622	8	114544602	0.000124	0.2313	0.0001356	.
rs10783484	12	52331681	0.0001241	0.05447	0.000143	ACVRL1(+14.54kb) ACVR1B(-13.8kb)
rs9619222	22	32068917	0.0001249	0.09856	0.0001311	C22orf30(-3.324kb)
rs61792524	3	170488712	0.000125	0.0629	0.000104	.
rs4432994	6	143244821	0.0001264	0.1488	0.0001284	HIVEP2(0)
rs4077838	12	132692165	0.0001265	0.04728	0.0001565	.
rs8105113	19	16144627	0.0001271	-0.04738	0.000148	.
rs8109970	19	33557530	0.0001272	-0.08107	0.0001221	RHPN2(+1.736kb) GPATCH1(-14.26kb)
rs60324934	22	31875654	0.0001276	0.1177	0.0001259	SFI1(-16.61kb) EIF4ENIF1(0)
rs62236225	22	31874794	0.0001276	0.1177	0.0001259	SFI1(-17.47kb) EIF4ENIF1(0)
rs62236226	22	31874806	0.0001276	0.1177	0.0001259	SFI1(-17.45kb) EIF4ENIF1(0)
rs12160737	22	32071195	0.0001279	0.09841	0.0001347	C22orf30(-1.046kb)
rs5998080	22	32070158	0.0001279	0.09841	0.0001347	C22orf30(-2.083kb)
rs62239185	22	32070912	0.0001279	0.09841	0.0001347	C22orf30(-1.329kb)
rs1946213	8	140726933	0.000128	-0.04691	0.0001275	NIBP(-15.65kb) KCNK9(+11.63kb)
rs16914582	10	61941275	0.0001282	0.09983	0.0001265	ANK3(0)
rs34544559	13	38501932	0.0001282	-0.07172	0.0001459	.
rs8083478	18	68378287	0.0001282	0.05273	0.0001486	.
rs10152301	15	25930845	0.0001283	-0.1274	0.0001131	ATP10A(0)
rs6133609	20	8689441	0.0001289	-0.1636	0.0001215	PLCB1(0)
rs10519420	4	138313173	0.000129	-0.05484	0.0001273	.
rs610814	11	94813709	0.0001297	0.04629	0.0001426	SFRS2B(+9.321kb) ENDOD1(-9.307kb)
rs7008671	8	66474399	0.0001297	-0.07072	0.0000989	.
rs11577639	1	118855795	0.0001299	-0.07593	0.0001011	.
rs9428106	1	118856788	0.0001299	-0.07593	0.0001011	.
rs7845311	8	52227396	0.0001308	0.05313	0.0001567	PXDNL(-4.74kb)
rs4393280	11	98472484	0.0001309	0.05326	0.0001148	.
rs7927094	11	98540656	0.0001312	0.06479	0.0001178	.
rs1860840	7	140274776	0.0001322	-0.04729	0.0001733	DENND2A(0)
rs12473780	2	179162589	0.0001323	0.04797	0.0001373	OSBPL6(0)
rs1370445	8	52249599	0.0001325	0.0518	0.0001854	PXDNL(0)
rs35469299	1	152783739	0.0001326	-0.07486	0.0001236	LCE1A(-16.21kb) LCE1C(+4.632kb)

rs55664935	1	41060627	0.000133	-0.06719	0.0001138	.
rs1499317	13	69083101	0.0001331	-0.0619	0.0001472	.
rs62236257	22	31918260	0.0001332	0.1121	0.0001369	SFI1(0)
rs2732780	7	84939778	0.0001334	0.04785	0.0001295	.
rs10089520	8	11686089	0.0001339	-0.0767	0.000138	FDFT1(0) CTSB(-13.94kb)
rs11241776	5	124245469	0.0001339	-0.05912	0.0001136	.
rs546812	11	75023093	0.0001341	0.04614	0.0001527	ARRB1(0)
rs62237760	22	31925728	0.0001344	0.112	0.0001387	SFI1(0)
rs62439014	6	87309526	0.0001344	-0.05511	0.0001384	.
rs7658098	4	138271729	0.0001349	-0.05403	0.000135	.
rs11743521	5	124262682	0.0001351	-0.0767	0.0001106	.
rs4514005	8	117782385	0.0001352	0.05822	0.0001183	UTP23(0) EIF3H(+14.32kb)
rs4521822	9	105315604	0.0001352	-0.04695	0.0001521	.
rs7248625	19	33564862	0.0001355	-0.08026	0.0001614	RHPN2(+9.068kb) GPATCH1(-6.923kb)
rs35243089	3	54175424	0.0001357	0.1107	0.0001404	CACNA2D3(0)
rs17444730	12	40806480	0.0001367	-0.06809	0.0001204	.
rs11857061	15	91828691	0.0001382	-0.07381	0.0001374	SV2B(0)
rs55916646	22	32044479	0.0001382	0.1018	0.0001541	PISD(+17.67kb)
rs681134	11	94802952	0.0001383	0.04667	0.0001458	SFRS2B(0)
rs9915890	17	67871306	0.0001384	-0.06395	0.0001426	.
rs2191057	17	32891054	0.0001386	-0.06211	0.0001452	TMEM132E(-16.71kb) FLJ44815(-10.
rs4714678	6	43342591	0.000139	0.04591	0.0001472	ZNF318(+5.41kb)
rs11624409	14	96320240	0.0001396	0.09431	0.0001505	.
rs7250288	19	33562464	0.0001396	-0.08012	0.0001657	RHPN2(+6.67kb) GPATCH1(-9.321kb)
rs62510194	8	117763178	0.0001402	0.05539	0.0001235	UTP23(-15.56kb) EIF3H(0)
rs10128544	11	98461972	0.0001406	0.04872	0.0001418	.
rs28363937	19	33540212	0.0001407	-0.0793	0.0001575	RHPN2(0)
rs2187676	16	13787079	0.0001408	0.05896	0.0001235	.
rs4865232	4	58323750	0.0001417	-0.05638	0.0001522	.
rs6899875	6	31154897	0.0001417	-0.06249	0.0001532	POU5F1(+16.45kb) HCG27(-10.7kb)
rs1994540	8	118466559	0.0001424	0.04931	0.0001362	.
rs5998098	22	32100550	0.0001425	0.09677	0.0001556	C22orf30(0)
rs7824632	8	55298982	0.0001425	-0.1964	0.0001444	.
rs622175	11	94813500	0.0001428	0.04578	0.0001581	SFRS2B(+9.112kb) ENDOD1(-9.516kb)
rs6949790	7	92636769	0.0001437	0.04907	0.0001528	.
rs7214380	17	32886639	0.0001444	-0.05096	0.000141	FLJ44815(-14.5kb)
rs11984904	8	55300233	0.0001445	-0.1962	0.0001466	.
rs4636637	11	98463965	0.0001447	0.04879	0.0001292	.
rs4781531	16	13781559	0.0001449	0.05893	0.0001273	.
rs9298441	8	52190247	0.0001449	0.05197	0.0001734	.
rs6896024	5	118542922	0.0001452	-0.07948	0.0001415	DMXL1(0)
rs9428243	1	118855637	0.0001452	-0.06552	0.0001154	.
rs7256899	19	33558462	0.0001454	-0.07973	0.0001709	RHPN2(+2.668kb) GPATCH1(-13.32kb)
rs2326282	16	84586132	0.0001456	-0.06124	0.0001403	COTL1(-13.07kb)
rs7920164	10	27033950	0.0001456	-0.09822	0.0001608	PDSS1(0) ABI1(-1.574kb)
rs12764628	10	27118560	0.000146	-0.06129	0.0001665	ABI1(0)
rs2280370	16	89627460	0.000146	-0.06833	0.0001551	SPG7(+3.286kb) RPL13(0) CPNE7(-1

rs6563574	13	38508150	0.000146	-0.06304	0.0001785	.
rs6995228	8	114666050	0.000146	0.2219	0.0001483	.
rs62237836	22	32020314	0.0001464	0.1028	0.0001687	SFI1(+5.78kb) PISD(0)
rs62237837	22	32020867	0.0001464	0.1028	0.0001687	SFI1(+6.333kb) PISD(0)
rs62237838	22	32021596	0.0001464	0.1028	0.0001687	SFI1(+7.062kb) PISD(0)
rs12652881	5	124258221	0.0001469	-0.07394	0.0001247	.
rs35171122	18	57175990	0.000147	0.1969	0.0001703	CCBE1(0)
rs12719254	5	118537292	0.0001471	-0.06529	0.0001422	DMXL1(0)
rs1527929	7	84932519	0.0001482	0.0471	0.0001455	.
rs2564771	7	84940599	0.0001482	0.0471	0.0001455	.
rs2732778	7	84940786	0.0001482	0.0471	0.0001455	.
rs11743554	5	124262754	0.0001483	-0.07395	0.0001248	.
rs36041674	5	124261761	0.0001483	-0.07395	0.0001248	.
rs9327340	5	124260544	0.0001483	-0.07395	0.0001248	.
rs4464999	8	117789505	0.0001489	0.05563	0.0001383	UTP23(+5.308kb)
rs56059033	20	8679854	0.0001496	-0.147	0.0001435	PLCB1(0)
rs4864625	4	58341021	0.0001501	-0.05921	0.0001658	.
rs2564772	7	84943217	0.0001503	0.04715	0.0001469	.
rs2732777	7	84942143	0.0001503	0.04715	0.0001469	.
rs17145892	11	62200269	0.0001507	-0.06046	0.0001863	SCGB1A1(+9.602kb) AHNAK(-0.746kb)
rs243866	16	55511537	0.0001508	0.05519	0.0001744	MMP2(-1.543kb)
rs1346686	7	84956802	0.0001511	0.04775	0.0001528	.
rs16995111	20	8679884	0.0001524	-0.1592	0.0001469	PLCB1(0)
rs62237843	22	32026946	0.0001525	0.1046	0.0001727	SFI1(+12.41kb) PISD(+0.136kb)
rs6987157	8	55310290	0.0001526	-0.1894	0.0001513	.
rs8143084	22	32082154	0.0001528	0.09859	0.0001629	C22orf30(0)
rs4572109	11	98463019	0.0001532	0.04846	0.0001385	.
rs16989519	22	31725416	0.0001535	0.1037	0.0001598	PATZ1(0)
rs6570535	6	143251169	0.0001536	0.1342	0.0001554	HIVEP2(0)
rs2018904	10	27081902	0.0001538	-0.06283	0.0001709	ABI1(0)
rs12956178	18	57152987	0.0001548	0.2143	0.0001939	CCBE1(0)
rs10892081	11	98514432	0.0001552	0.05041	0.0001331	.
rs16970062	17	32896280	0.0001557	-0.06251	0.0001571	TMEM132E(-11.49kb) FLJ44815(-4.8
rs12505324	4	138284875	0.0001558	-0.05352	0.0001502	.
rs12459751	19	33538783	0.0001561	-0.07862	0.0001761	RHPN2(0)
rs9359710	6	87354789	0.0001563	-0.04717	0.0001905	.
rs11176584	12	40821839	0.0001568	-0.06745	0.0001379	.
rs13198353	6	87300435	0.0001572	-0.06402	0.0001942	.
rs981181	3	112353238	0.0001572	-0.06584	0.0001823	CCDC80(0)
rs7388039	8	54554299	0.0001574	-0.08646	0.0001177	.
rs17233960	3	112267781	0.0001577	-0.07516	0.0001901	SLC35A5(-13.11kb) ATG3(0)
rs971080	1	184716560	0.000158	-0.04687	0.0002055	EDEM3(0)
rs8021626	14	27299892	0.0001581	0.05506	0.0001376	.
rs4870911	8	125627290	0.0001582	-0.06285	0.0001502	MTSS1(0)
rs2690287	7	95450360	0.0001589	0.04662	0.0001674	DYNC1I1(0)
rs10892008	11	98463419	0.0001591	0.04833	0.0001464	.
rs4143206	7	84954482	0.0001592	0.04759	0.0001637	.

rs34950876	6	31247416	0.0001596	0.04564	0.0001979	HLA-C(+7.561kb)
rs35438642	6	31247439	0.0001596	-0.06645	0.0001979	HLA-C(+7.584kb)
rs610858	11	94813669	0.0001596	-0.06645	0.0001772	SFRS2B(+9.281kb) ENDOD1(-9.347kb)
rs11143594	9	71357314	0.00016	-0.1631	0.0001523	PIP5K1B(0)
rs12779919	10	27069490	0.0001601	-0.06079	0.0001812	ABI1(0)
rs4937559	11	130572775	0.0001613	0.06321	0.0001648	.
rs55718314	17	32886672	0.0001621	-0.06424	0.0001744	FLJ44815(-14.47kb)
rs10485360	6	87352141	0.0001623	-0.07806	0.0001833	.
rs7193810	16	77998391	0.0001623	-0.06084	0.0001592	KIAA1576(0)
rs807768	4	13890624	0.0001623	-0.04704	0.0001485	.
rs11614306	12	40820681	0.000163	-0.0673	0.0001431	.
rs16970065	17	32896577	0.0001637	-0.06215	0.0001684	TMEM132E(-11.19kb) FLJ44815(-4.5
rs12584713	13	105256303	0.0001643	0.05563	0.0001783	.
rs12456524	18	39451533	0.0001652	-0.04601	0.0002344	.
rs6895765	5	124253140	0.0001658	-0.07313	0.0001409	.
rs11903790	2	162648576	0.0001669	-0.155	0.0001734	SLC4A10(0)
rs1508343	6	87300033	0.000167	-0.06557	0.0002026	.
rs34879209	1	152818081	0.0001671	-0.0751	0.0001608	LCE1A(+17.8kb) LCE6A(+1.622kb)
rs11578693	1	87715250	0.0001672	0.04932	0.000138	.
rs1939820	11	105906359	0.0001675	-0.06814	0.0001484	KIAA1826(+13.4kb) KBTBD3(-15.46k
rs10512531	17	67875017	0.0001682	-0.04972	0.000176	.
rs4714677	6	43327039	0.0001682	-0.06107	0.0001769	ZNF318(0)
rs7979538	12	115852376	0.0001682	0.04535	0.000151	.
rs6860432	5	118536233	0.0001683	-0.06399	0.0001695	DMXL1(0)
rs35857242	6	31253121	0.0001685	-0.06642	0.0002182	HLA-C(+13.27kb)
rs1236924	1	119205754	0.0001686	0.08173	0.0001266	.
rs1279200	14	33466548	0.0001686	0.06441	0.0001605	NPAS3(0)
rs2126127	8	140788362	0.0001687	-0.04619	0.0002032	NIBP(0)
rs11216410	11	98544433	0.0001689	0.06485	0.0001487	.
rs4876679	8	117763873	0.0001691	0.0548	0.0001474	UTP23(-14.87kb) EIF3H(0)
rs4145242	8	117728296	0.0001692	0.05455	0.0001487	EIF3H(0)
rs4876680	8	117777914	0.0001692	0.05455	0.0001487	UTP23(-0.827kb) EIF3H(+9.852kb)
rs16970020	17	32883127	0.0001696	-0.06715	0.0001963	FLJ44815(-18.01kb)
rs12652885	5	124258259	0.0001701	-0.07301	0.0001466	.
rs17233925	3	112264089	0.0001704	-0.07481	0.000205	SLC35A5(-16.8kb) ATG3(0)
rs7092950	10	27089886	0.0001708	-0.06061	0.0001911	ABI1(0)
rs7916104	10	27093333	0.0001708	-0.06061	0.0001911	ABI1(0)
rs1681786	7	140268031	0.0001712	-0.04584	0.0002224	DENND2A(0)
rs2888404	7	84981231	0.0001718	0.0474	0.0001742	.
rs6837390	4	139301464	0.0001728	-0.04967	0.000154	.
rs4655941	1	87720853	0.0001733	0.0489	0.0001531	.
rs58267368	16	13775249	0.0001733	0.05858	0.0001481	.
rs58527502	3	170488882	0.0001733	0.05997	0.0001486	.
rs58685113	3	170488798	0.0001733	0.05997	0.0001486	.
rs6563573	13	38507982	0.0001739	-0.0676	0.0002119	.
rs10892100	11	98539849	0.0001746	0.06338	0.000159	.
rs4871513	8	125616148	0.0001746	-0.1411	0.0001632	MTSS1(0)

rs7004786	8	55325846	0.0001755	-0.1837	0.0001741	.
rs11080283	17	32886918	0.000176	-0.04891	0.0001564	FLJ44815(-14.22kb)
rs11680840	2	221158425	0.0001764	-0.05714	0.0002096	.
rs9749364	19	33525713	0.0001765	-0.08334	0.0001627	RHPN2(0)
rs56090552	7	28068523	0.0001767	-0.05285	0.0001856	JAZF1(0)
rs6829715	4	58393319	0.0001767	-0.05842	0.0001657	.
rs7916812	10	91098008	0.0001767	-0.1861	0.000169	IFIT3(0)
rs3136408	8	95447282	0.0001773	0.1487	0.0001542	RAD54B(0)
rs3136409	8	95447262	0.0001773	0.1487	0.0001542	RAD54B(0)
rs7144332	14	27307519	0.0001778	0.04865	0.0001653	.
rs1441018	10	34447596	0.000178	-0.04614	0.0001585	PARD3(0)
rs6663178	1	184661642	0.000178	-0.1603	0.0002254	EDEM3(0)
rs34147381	6	87338767	0.0001781	-0.06622	0.0002154	.
rs17157266	11	62199817	0.0001782	-0.05996	0.0002171	SCGB1A1(+9.15kb) AHNAK(-1.198kb)
rs34555146	18	57186930	0.0001788	0.1996	0.0001956	CCBE1(0)
rs7236861	18	57187845	0.0001788	0.1996	0.0001956	CCBE1(0)
rs752492	8	125615738	0.0001793	-0.06159	0.0001764	MTSS1(0)
rs62530668	8	125617875	0.0001802	-0.06053	0.0001734	MTSS1(0)
rs2732775	7	84943610	0.0001804	0.04667	0.0001758	.
rs35446580	6	31250796	0.0001806	-0.06563	0.0002202	HLA-C(+10.94kb)
rs34461574	18	57186373	0.0001809	0.1993	0.0001992	CCBE1(0)
rs62237845	22	32027892	0.0001809	0.1038	0.0002033	SFI1(+13.36kb) PISD(+1.082kb)
rs7922901	10	123026519	0.0001812	-0.04908	0.000163	.
rs7923130	10	123026502	0.0001812	-0.04908	0.000163	.
rs11080282	17	32886888	0.0001825	-0.06934	0.0001611	FLJ44815(-14.25kb)
rs11814778	10	87519372	0.0001825	-0.04877	0.0002528	GRID1(0)
rs12693160	2	179163450	0.0001826	0.04674	0.0001858	OSBPL6(0)
rs9783305	11	98461460	0.0001827	0.05347	0.0001708	.
rs10914126	1	180870231	0.0001829	0.1603	0.0001842	XPR1(+14.75kb) KIAA1614(-12.08kb)
rs11895764	2	58543415	0.0001833	0.1564	0.000166	.
rs9462880	6	43210110	0.0001833	0.04637	0.000176	TTBK1(-1.111kb) PARC(+17.79kb) C
rs11998205	8	91640002	0.0001835	0.1544	0.0001881	TMEM64(0)
rs622206	11	94813481	0.0001836	0.04503	0.0002032	SFRS2B(+9.093kb) ENDOD1(-9.535kb)
rs62439015	6	87309955	0.0001836	-0.05403	0.0001868	.
rs1437593	8	52252405	0.0001837	0.05098	0.00024	PXDNL(0)
rs12623525	2	139830401	0.000184	-0.06579	0.0001963	.
rs12970211	18	57184702	0.0001843	0.1991	0.000203	CCBE1(0)
rs34334875	18	57185425	0.0001843	0.1991	0.000203	CCBE1(0)
rs7230098	18	57185356	0.0001843	0.1991	0.000203	CCBE1(0)
rs11650097	17	32893002	0.0001846	0.05171	0.0001351	TMEM132E(-14.77kb) FLJ44815(-8.1
rs521144	12	24514180	0.0001851	-0.04794	0.0001557	SOX5(0)
rs6965945	7	92600509	0.0001851	0.04695	0.0001844	.
rs4688155	3	63106300	0.0001857	-0.1079	0.000172	.
rs17665471	8	70556602	0.0001858	-0.06517	0.0001751	SULF1(0)
rs10505287	8	117727850	0.0001863	0.09613	0.0001765	EIF3H(0)
rs5998099	22	32100857	0.0001863	0.06871	0.0001982	C22orf30(0)
rs17662684	17	32891833	0.0001865	0.05164	0.0001366	TMEM132E(-15.93kb) FLJ44815(-9.3

rs988199	17	32883256	0.0001867	-0.0629	0.0001866	FLJ44815(-17.89kb)
rs7817230	8	95410986	0.0001873	0.1473	0.000166	RAD54B(0)
rs12165609	22	32036332	0.0001877	-0.06034	0.0001975	PISD(+9.522kb)
rs17669895	10	27121762	0.0001877	-0.04712	0.0002145	ABI1(0)
rs1961119	14	94835959	0.0001877	0.04889	0.0001832	SERPINA1(-7.124kb)
rs7216837	17	32890968	0.0001877	0.09939	0.0001422	TMEM132E(-16.8kb) FLJ44815(-10.1
rs7844947	8	52181920	0.0001877	0.05241	0.000218	.
rs1378019	2	221159901	0.0001878	-0.0563	0.0002216	.
rs2014895	8	125615137	0.0001888	-0.0619	0.0001812	MTSS1(0)
rs3843608	11	98512351	0.0001899	0.05196	0.0001598	.
rs55931230	22	32028028	0.0001899	0.1025	0.000205	SFI1(+13.49kb) PISD(+1.218kb)
rs62239379	22	31711191	0.0001899	0.1025	0.0001983	PATZ1(-10.6kb)
rs878654	22	31716191	0.0001899	0.1093	0.0001983	PATZ1(-5.598kb)
rs11735670	4	58355701	0.0001901	0.05967	0.0002027	.
rs17199394	16	13773714	0.0001901	-0.04583	0.0001751	.
rs2334940	18	39454592	0.0001901	-0.05514	0.0002697	.
rs60160953	17	32892117	0.0001903	0.04798	0.0001535	TMEM132E(-15.65kb) FLJ44815(-9.0
rs6953868	7	92636870	0.0001905	0.04906	0.0001982	.
rs1025440	18	39450864	0.0001906	-0.04541	0.0002735	.
rs1025441	18	39450736	0.0001906	-0.04541	0.0002735	.
rs4781532	16	13782260	0.0001913	0.05816	0.0001654	.
rs2274878	10	91102098	0.0001915	-0.0538	0.0001679	IFIT3(+1.782kb)
rs1900583	3	63102307	0.0001918	-0.1077	0.0001779	.
rs1900584	3	63102324	0.0001918	-0.1077	0.0001779	.
rs7647858	3	63102990	0.0001918	-0.1077	0.0001779	.
rs9519405	13	105255696	0.000192	0.05531	0.0002011	.
rs4645587	8	117651760	0.0001924	0.07067	0.0001773	EIF3H(-5.294kb)
rs530660	7	140264267	0.0001925	-0.04555	0.000266	DENND2A(0)
rs9288956	3	112352718	0.0001927	-0.06324	0.0002152	CCDC80(0)
rs2159796	7	140266111	0.000193	-0.04542	0.0002524	DENND2A(0)
rs594215	7	140266539	0.000193	-0.04542	0.0002524	DENND2A(0)
rs1441064	4	58356843	0.0001934	-0.05523	0.0001986	.
rs34134035	16	77978246	0.0001938	-0.06505	0.0002274	KIAA1576(0)
rs17145884	11	62200176	0.0001944	-0.05947	0.0002361	SCGB1A1(+9.509kb) AHNAK(-0.839kb)
rs10086419	8	117744771	0.0001946	0.06848	0.0001848	EIF3H(0)
rs10093551	8	117712821	0.0001946	0.06848	0.0001848	EIF3H(0)
rs10112279	8	117716963	0.0001946	0.06848	0.0001848	EIF3H(0)
rs10112604	8	117756518	0.0001946	0.06848	0.0001848	EIF3H(0)
rs4278180	8	117726681	0.0001946	0.06848	0.0001848	EIF3H(0)
rs55951040	8	117755735	0.0001946	0.06848	0.0001848	EIF3H(0)
rs6988841	8	117730893	0.0001946	0.06848	0.0001848	EIF3H(0)
rs16884938	8	114649088	0.0001949	-0.04626	0.0002014	.
rs681892	7	140270270	0.0001949	0.1832	0.0002554	DENND2A(0)
rs12600961	17	32895456	0.0001952	-0.06693	0.0002224	TMEM132E(-12.31kb) FLJ44815(-5.6
rs2203809	2	141920136	0.0001957	-0.05016	0.0001789	LRP1B(0)
rs3910079	11	98546750	0.0001958	0.06592	0.0001871	.
rs3910080	11	98546762	0.0001958	0.06592	0.0001871	.

rs56191323	17	67870936	0.000196	-0.06025	0.0002051	.
rs2028429	8	95487517	0.0001965	0.05097	0.0001717	RAD54B(+0.207kb) KIAA1429(-13.08
rs6995702	8	52163607	0.0001965	0.1557	0.0002311	.
rs2690286	7	95451795	0.0001968	0.04605	0.0002062	DYNC111(0)
rs56356218	9	89978032	0.0001969	-0.073	0.0002087	.
rs3751691	16	89628381	0.0001971	-0.06182	0.0002047	SPG7(+4.207kb) RPL13(0) CPNE7(-1
rs685182	7	140265434	0.0001971	-0.04568	0.0002674	DENND2A(0)
rs35991160	18	57142982	0.0001972	0.2023	0.0002425	CCBE1(0)
rs5998095	22	32093181	0.0001976	0.04863	0.0002126	C22orf30(0)
rs9893375	17	71514573	0.0001976	0.09602	0.0002369	.
rs2172545	17	71060835	0.0001981	-0.12	0.0002091	SLC39A11(0)
rs57386711	17	71061200	0.0001981	-0.12	0.0002091	SLC39A11(0)
rs57861487	17	71060953	0.0001981	-0.12	0.0002091	SLC39A11(0)
rs4721107	7	12535105	0.0001982	-0.0696	0.0002156	.
rs4669127	2	7160439	0.0001987	-0.05278	0.0002417	RNF144A(0)
rs56155927	2	7159401	0.0001994	-0.05277	0.0002448	RNF144A(0)
rs1026010	5	124256262	0.0001997	0.04834	0.0001677	.
rs11579872	1	87717809	0.0001997	0.04834	0.0001641	.
rs11583727	1	87717635	0.0001997	-0.07243	0.0001641	.
rs9369408	6	43332186	0.0002	0.04534	0.0002146	ZNF318(0)
rs2031472	1	80303275	0.0002001	0.1316	0.0002042	.
rs2109925	7	140265738	0.0002003	0.104	0.0002603	DENND2A(0)
rs62182829	2	149064262	0.0002003	-0.04534	0.000226	.
rs6980504	8	117680269	0.0002004	0.06882	0.0001828	EIF3H(0)
rs10886882	10	123027033	0.0002005	-0.04874	0.0001807	.
rs768860	12	115851419	0.0002005	-0.05278	0.0001805	.
rs6898265	5	124255135	0.0002006	-0.07228	0.0001706	.
rs2690284	7	95453531	0.0002011	-0.06239	0.000213	DYNC111(0)
rs28749549	6	31157830	0.0002011	0.04603	0.0002291	POU5F1(+19.38kb) HCG27(-7.768kb)
rs10160193	10	77404582	0.0002013	0.2247	0.0002404	.
rs2279249	4	5812425	0.0002013	-0.06244	0.000187	EVC(0) CRMP1(-10.06kb)
rs62239182	22	32065982	0.0002018	0.1173	0.0002173	C22orf30(-6.259kb)
rs10493797	1	87720928	0.0002019	0.0482	0.0001666	.
rs10850509	12	115852977	0.0002019	0.0482	0.0001754	.
rs11579563	1	87721876	0.0002019	-0.04997	0.0001666	.
rs1955220	7	95425041	0.0002019	-0.04667	0.0001857	DYNC111(0)
rs12654479	5	124243030	0.0002021	-0.07288	0.0001871	.
rs1021360	10	106649661	0.0002022	-0.08499	0.0002231	SORCS3(0)
rs11958289	5	124281676	0.0002022	-0.07219	0.0001754	.
rs12505604	4	37720580	0.0002028	-0.0453	0.0002474	.
rs7822636	8	66471234	0.0002031	-0.06746	0.0001639	.
rs9661314	1	184667608	0.0002034	-0.04571	0.000247	EDEM3(0)
rs16890285	8	40950273	0.0002038	-0.1952	0.000313	.
rs11951671	5	124288075	0.0002039	-0.07273	0.0001761	.
rs12031748	1	87731112	0.0002042	0.04861	0.0001686	.
rs1929133	1	87730920	0.0002042	0.04861	0.0001686	.
rs11493892	11	98548543	0.0002044	0.06771	0.0001905	.

rs6473596	8	52251267	0.0002047	0.05073	0.0002623	PXDNL(0)
rs930189	18	39451865	0.0002062	0.06172	0.0003021	.
rs9900469	17	9575564	0.0002062	-0.04498	0.0001811	USP43(0)
rs7842285	8	52184257	0.0002064	0.0512	0.0002503	.
rs11241779	5	124282754	0.0002066	-0.07203	0.0001809	.
rs12942229	17	32891684	0.0002073	0.04766	0.0001664	TMEM132E(-16.08kb) FLJ44815(-9.4
rs623770	11	94819268	0.0002076	0.04596	0.0002147	SFRS2B(+14.88kb) ENDOD1(-3.748kb
rs10886884	10	123030375	0.0002077	-0.04865	0.0001834	.
rs4514216	1	87720315	0.000208	0.04839	0.0001744	.
rs10924511	1	246288650	0.0002095	0.1805	0.0002277	SMYD3(0)
rs7521795	1	246288506	0.0002095	0.1805	0.0002277	SMYD3(0)
rs131235	22	32120028	0.0002099	0.09508	0.0002273	C22orf30(+11.3kb)
rs10505282	8	117676559	0.0002101	0.0692	0.000194	EIF3H(0)
rs1279204	14	33462453	0.0002108	0.06081	0.0001951	NPAS3(0)
rs55745425	7	86702047	0.0002108	-0.2025	0.0002001	.
rs2243635	21	37339889	0.0002109	0.04618	0.0001697	.
rs1447448	3	63102500	0.0002113	-0.1066	0.0002003	.
rs3828783	6	33767727	0.0002114	-0.05865	0.0002201	MLN(0) LEMD2(+10.83kb)
rs10911633	1	184667270	0.0002116	-0.04642	0.0002765	EDEM3(0)
rs12184284	1	184666384	0.0002116	-0.04642	0.0002765	EDEM3(0)
rs7663170	4	144994903	0.0002119	0.2021	0.0002522	.
rs243865	16	55511806	0.000212	0.05468	0.000241	MMP2(-1.274kb)
rs2618976	7	95453635	0.0002123	0.04599	0.000224	DYNC111(0)
rs10911636	1	184669803	0.0002125	-0.04626	0.0002832	EDEM3(0)
rs1864155	16	89616232	0.0002125	-0.06083	0.0002305	SPG7(0) RPL13(-10.86kb)
rs12022412	1	246285582	0.0002126	0.1804	0.0002313	SMYD3(0)
rs12026451	1	246285804	0.0002126	0.1804	0.0002313	SMYD3(0)
rs12032834	1	246285491	0.0002126	0.1804	0.0002313	SMYD3(0)
rs2095755	1	246287154	0.0002126	0.1804	0.0002313	SMYD3(0)
rs4022382	1	246287020	0.0002126	0.1804	0.0002313	SMYD3(0)
rs4655939	1	87713999	0.0002126	0.1804	0.0001711	.
rs56800259	1	246288082	0.0002126	0.1804	0.0002313	SMYD3(0)
rs6659941	1	246286472	0.0002126	0.1804	0.0002313	SMYD3(0)
rs6694030	1	246286356	0.0002126	0.1804	0.0002313	SMYD3(0)
rs6694125	1	246286449	0.0002126	0.04828	0.0002313	SMYD3(0)
rs2109926	7	140265864	0.0002133	-0.04537	0.0002732	DENND2A(0)
rs626514	11	94819090	0.0002141	0.0455	0.0002348	SFRS2B(+14.7kb) ENDOD1(-3.926kb)
rs1538406	6	87338331	0.0002144	-0.06522	0.0002705	.
rs28360055	6	31155304	0.0002148	-0.06008	0.0002327	POU5F1(+16.85kb) HCG27(-10.29kb)
rs10790171	11	98499049	0.0002149	0.0492	0.0001911	.
rs740227	22	32115969	0.0002152	0.09468	0.0002319	C22orf30(+7.238kb)
rs34518327	4	138248316	0.0002162	-0.05153	0.0002148	.
rs4655938	1	87713948	0.0002163	0.04816	0.000176	.
rs4655940	1	87714096	0.0002163	0.04816	0.000176	.
rs58807374	1	87712920	0.0002163	0.04816	0.000176	.
rs59017401	1	87712982	0.0002163	0.04816	0.000176	.
rs61215335	1	87713875	0.0002163	0.04816	0.000176	.

rs13252069	8	51556084	0.0002164	-0.06033	0.0002108	SNTG1(0)
rs13252090	8	51556107	0.0002164	0.07143	0.0002108	SNTG1(0)
rs13262678	8	51556065	0.0002164	0.07143	0.0002108	SNTG1(0)
rs9905614	17	67886023	0.0002164	0.07143	0.0002243	.
rs13131236	4	138246911	0.0002165	-0.05155	0.0002184	.
rs4387293	10	123028121	0.0002166	-0.04842	0.0001933	.
rs1999273	1	87715860	0.0002173	0.04808	0.0001786	.
rs11906542	20	24382682	0.0002177	-0.1873	0.0002106	.
rs11907112	20	24383760	0.0002177	-0.1873	0.0002106	.
rs11907557	20	24384030	0.0002177	-0.1873	0.0002106	.
rs2206647	20	24382102	0.0002177	-0.1873	0.0002106	.
rs2206648	20	24382313	0.0002177	-0.1873	0.0002106	.
rs6114688	20	24382588	0.0002177	-0.1873	0.0002106	.
rs6114691	20	24384868	0.0002177	-0.1873	0.0002106	.
rs28360056	6	31155434	0.0002179	-0.06126	0.0002314	POU5F1(+16.98kb) HCG27(-10.16kb)
rs4713442	6	31155405	0.0002179	-0.06126	0.0002314	POU5F1(+16.95kb) HCG27(-10.19kb)
rs10265865	7	84971857	0.000218	0.04658	0.000228	.
rs11576880	1	87715097	0.000219	0.04809	0.0001788	.
rs35905748	8	117755248	0.0002191	0.04555	0.0002039	EIF3H(0)
rs681695	11	94802776	0.0002191	0.06811	0.0002245	SFRS2B(0)
rs28534083	8	52222309	0.0002194	0.05298	0.0002468	PXDNL(-9.827kb)
rs2690295	7	95443892	0.0002202	-0.04519	0.0002259	DYNC1I1(0)
rs1799038	7	95467271	0.0002206	0.04652	0.0002089	DYNC1I1(0)
rs3136403	8	95450251	0.0002208	0.1456	0.0001962	RAD54B(0)
rs11152152	18	57147728	0.0002215	0.2034	0.0002658	CCBE1(0)
rs2024764	1	184653521	0.0002217	-0.04463	0.0002821	EDEM3(-6.103kb)
rs17611095	2	221184993	0.0002222	-0.05612	0.0002669	.
rs1869571	2	221185720	0.0002222	-0.05612	0.0002669	.
rs7210327	17	67867117	0.0002231	-0.0598	0.0002296	.
rs7210063	17	67876126	0.0002233	-0.0598	0.0002324	.
rs7211330	17	67876146	0.0002233	-0.0598	0.0002324	.
rs5994424	22	32106004	0.0002236	0.09471	0.0002399	C22orf30(0)
rs2618972	7	95432388	0.000224	-0.04523	0.0002101	DYNC1I1(0)
rs11775038	8	756859	0.0002245	0.05813	0.0002405	.
rs11216350	11	98526687	0.000225	0.06242	0.0002025	.
rs17385455	7	78351701	0.0002255	0.05905	0.000236	MAGI2(0)
rs61792523	3	170486987	0.0002255	-0.0814	0.0001912	.
rs10762857	10	54411308	0.0002257	-0.04767	0.0002221	.
rs2334939	18	39454582	0.0002262	-0.04523	0.0003228	.
rs2878292	18	39454647	0.0002262	-0.04523	0.0003228	.
rs6813726	4	6032801	0.0002263	-0.07351	0.0002498	JAKMIP1(0)
rs11216407	11	98544189	0.0002266	0.06368	0.0002025	.
rs59979289	8	55347797	0.0002269	-0.1816	0.0002072	.
rs61262057	8	55347654	0.0002269	-0.1816	0.0002072	.
rs131228	22	32115650	0.0002274	0.09435	0.0002439	C22orf30(+6.919kb)
rs81946	22	32115569	0.0002274	0.09435	0.0002439	C22orf30(+6.838kb)
rs861578	1	184729032	0.0002285	0.0459	0.0002568	EDEM3(+4.991kb)

rs5998093	22	32092981	0.0002286	0.09578	0.000243	C22orf30(0)
rs7246984	19	33568670	0.0002287	-0.08089	0.000281	RHPN2(+12.88kb) GPATCH1(-3.115kb)
rs3733185	4	5811441	0.0002288	-0.06235	0.0002168	EVC(0) CRMP1(-11.05kb)
rs56986847	8	5672549	0.0002288	0.07028	0.000242	.
rs1158778	15	78977330	0.0002292	0.04506	0.0002294	.
rs61142483	15	78978318	0.0002292	0.2038	0.0002294	.
rs620767	11	94807261	0.0002292	0.2038	0.0002413	SFRS2B(+2.873kb) ENDOD1(-15.76kb)
rs2104142	6	43209739	0.0002297	0.1825	0.0002203	TTBK1(-1.482kb) PARC(+17.41kb) C
rs28526116	17	33841977	0.0002297	0.04562	0.0002444	.
rs12232581	18	57162931	0.0002299	0.1889	0.0002711	CCBE1(0)
rs12232583	18	57163036	0.0002299	0.1889	0.0002711	CCBE1(0)
rs12232758	18	57163217	0.0002299	0.1889	0.0002711	CCBE1(0)
rs12957165	18	57162138	0.0002299	0.1889	0.0002711	CCBE1(0)
rs12965354	18	57162181	0.0002299	0.1889	0.0002711	CCBE1(0)
rs60498756	8	40976389	0.0002303	-0.2038	0.0003508	.
rs11878228	19	33567184	0.0002304	-0.08094	0.0002797	RHPN2(+11.39kb) GPATCH1(-4.601kb)
rs6941912	6	31161571	0.0002307	-0.05965	0.0002487	HCG27(-4.027kb)
rs1083138	4	70878833	0.0002325	-0.05054	0.0002609	STATH(+10.66kb) HTN3(-15.34kb)
rs28397284	6	31166936	0.0002325	-0.0617	0.0002693	HCG27(0)
rs6759945	2	221154972	0.0002328	-0.05563	0.0002677	.
rs12640288	4	138247343	0.000233	-0.05125	0.000232	.
rs3733189	4	5815635	0.0002331	-0.06103	0.0002285	EVC(0) CRMP1(-6.855kb)
rs11736036	4	138273594	0.0002334	-0.05227	0.0002285	.
rs4713441	6	31155284	0.0002334	-0.05971	0.000254	POU5F1(+16.83kb) HCG27(-10.31kb)
rs11818659	10	87247925	0.0002337	-0.0513	0.0002525	.
rs1378023	2	221160610	0.0002339	-0.05563	0.0002698	.
rs9787954	11	129273777	0.0002342	0.1023	0.0002471	BARX2(0)
rs4511408	13	69100580	0.0002343	-0.05915	0.000228	.
rs766690	7	140260788	0.0002349	-0.04485	0.0003189	DENND2A(0)
rs7094958	10	123029418	0.0002355	-0.04862	0.0002151	.
rs12105906	2	58550115	0.0002362	0.1526	0.0002144	.
rs1079467	11	7969711	0.0002364	0.05911	0.0002603	OR10A6(+19.5kb) OR10A3(+8.644kb)
rs2696166	7	84935694	0.0002368	-0.05956	0.0002257	.
rs9391712	6	31166719	0.0002368	0.04579	0.0002564	HCG27(0)
rs12160120	22	32104168	0.0002369	0.09409	0.0002539	C22orf30(0)
rs131222	22	32106702	0.0002369	0.09409	0.0002539	C22orf30(0)
rs131224	22	32108824	0.0002369	0.09409	0.0002539	C22orf30(+0.093kb)
rs140079	22	32110943	0.0002369	0.09409	0.0002539	C22orf30(+2.212kb)
rs5998103	22	32105841	0.0002369	0.09409	0.0002539	C22orf30(0)
rs62240687	22	32104464	0.0002369	0.09409	0.0002539	C22orf30(0)
rs11961983	6	31168483	0.0002381	-0.06173	0.0002709	HCG27(0)
rs34244210	18	57174603	0.0002387	0.1884	0.000278	CCBE1(0)
rs2409737	21	37340475	0.0002397	0.04598	0.0001831	.
rs11216429	11	98547322	0.0002399	0.06266	0.0002134	.
rs4310552	10	123028198	0.0002403	-0.04887	0.0002206	.
rs12549587	8	140804310	0.0002406	-0.04522	0.0003073	NIBP(0)
rs11827063	11	129271297	0.0002417	0.1034	0.0002472	BARX2(0)

rs980076	3	63095078	0.0002418	-0.106	0.0002348	.
rs17885436	6	31237002	0.0002419	-0.06395	0.0002835	HLA-C(0)
rs488948	9	138544017	0.000242	0.04511	0.0002508	LCN9(-11.15kb) GLT6D1(+12.63kb)
rs11199867	10	123027404	0.0002421	-0.0481	0.0002175	.
rs1574430	6	43269029	0.0002423	0.044	0.0002645	TTBK1(+13.03kb) SLC22A7(0) CRIP3
rs12030173	1	103176592	0.0002425	0.09549	0.0001807	.
rs10804288	2	221156028	0.0002428	-0.05544	0.0002798	.
rs10932850	2	221155976	0.0002428	-0.05544	0.0002798	.
rs10932851	2	221156254	0.0002428	-0.05544	0.0002798	.
rs623925	11	94813092	0.0002429	0.04471	0.0002775	SFRS2B(+8.704kb) ENDOD1(-9.924kb)
rs12774231	10	27056653	0.000245	-0.0734	0.0002778	ABI1(0)
rs12780703	10	27056112	0.000245	-0.05854	0.0002778	ABI1(0)
rs9428103	1	118853652	0.000245	-0.05854	0.0001957	.
rs12541565	8	140794689	0.0002457	0.04473	0.0003055	NIBP(0)
rs12599960	16	13786892	0.0002461	0.05703	0.0002133	.
rs34414057	16	89629070	0.0002461	-0.0635	0.0002481	SPG7(+4.896kb) RPL13(0) CPNE7(-1
rs11967761	6	87331207	0.0002462	-0.0448	0.0003022	.
rs11970342	6	87331110	0.0002462	-0.0448	0.0003022	.
rs6507447	18	39449655	0.0002462	-0.0448	0.0003478	.
rs6507448	18	39449659	0.0002462	-0.06445	0.0003478	.
rs6507449	18	39449759	0.0002462	-0.06445	0.0003478	.
rs2182294	10	27119069	0.0002466	-0.05922	0.0002726	ABI1(0)
rs1740724	10	34207868	0.0002467	-0.1026	0.0003437	.
rs6541311	1	230424130	0.0002468	-0.06856	0.000315	GALNT2(+6.184kb)
rs9298443	8	52228456	0.0002473	0.05068	0.0003005	PXDNL(-3.68kb)
rs11820950	11	129272951	0.0002474	0.1023	0.0002571	BARX2(0)
rs4144711	12	114055930	0.0002483	-0.04623	0.0002353	.
rs16974485	17	67875163	0.0002486	-0.06051	0.0002458	.
rs2125738	6	43327750	0.0002487	0.04406	0.0002641	ZNF318(0)
rs11576898	1	87715209	0.0002491	0.04807	0.0001951	.
rs57214808	11	134679617	0.0002497	-0.06277	0.0002231	.
rs11807363	1	115091087	0.0002518	-0.07196	0.0002258	BCAS2(-19.09kb)
rs5753573	22	31754617	0.0002519	0.09669	0.0002575	PATZ1(+12.37kb)
rs3219303	19	50890327	0.000252	-0.08412	0.0002926	POLD1(0) NR1H2(+4.06kb)
rs10070612	5	124246533	0.0002521	-0.07179	0.0002171	.
rs12654486	5	124243078	0.0002521	-0.07179	0.0002171	.
rs12655869	5	124246999	0.0002521	-0.07179	0.0002171	.
rs12658154	5	124242807	0.0002521	-0.07179	0.0002171	.
rs4870912	8	125627422	0.0002524	-0.0608	0.0002403	MTSS1(0)
rs16958562	17	9569435	0.0002525	0.06029	0.0002084	USP43(0)
rs1808600	8	125616409	0.0002528	-0.0601	0.0002401	MTSS1(0)
rs9861847	3	57157156	0.0002529	-0.05922	0.0002594	IL17RD(0)
rs3019125	11	130535868	0.0002537	0.06136	0.0002494	.
rs11072788	15	78976326	0.0002539	0.2075	0.0002617	.
rs12654010	5	124242766	0.0002541	0.06138	0.0002175	.
rs4245091	11	130572818	0.0002541	-0.0718	0.0002615	.
rs28360063	6	31160298	0.0002548	-0.05925	0.0002753	HCG27(-5.3kb)

rs2706880	7	95446706	0.0002551	0.04522	0.0002594	DYNC111(0)
rs2328515	6	144071630	0.0002552	-0.07266	0.0002773	PHACTR2(0)
rs7573045	2	221182823	0.0002558	-0.05575	0.0003113	.
rs12252606	10	132868278	0.0002559	-0.1451	0.0002534	.
rs12777250	10	132868365	0.0002559	-0.1451	0.0002534	.
rs10892111	11	98542922	0.0002563	0.0616	0.0002279	.
rs11216412	11	98544647	0.0002563	0.0616	0.0002279	.
rs4091084	11	98546825	0.0002563	0.0616	0.0002279	.
rs7944933	11	98540929	0.0002563	0.0616	0.0002279	.
rs35734933	6	31257247	0.0002568	-0.06406	0.0003274	HLA-C(+17.39kb)
rs34280986	18	57158975	0.000257	0.1833	0.0003085	CCBE1(0)
rs7842503	8	52199355	0.0002571	-0.1475	0.0002914	.
rs7914711	10	20819013	0.0002571	0.05137	0.0002461	.
rs7930984	11	98541621	0.0002575	0.06149	0.0002369	.
rs10110193	8	52226750	0.0002579	0.05252	0.0003059	PXDNL(-5.386kb)
rs28449829	8	52228072	0.0002579	0.05252	0.0003059	PXDNL(-4.064kb)
rs10015245	4	58383750	0.0002585	-0.05784	0.0002435	.
rs587373	7	140269625	0.0002593	-0.04451	0.0003413	DENND2A(0)
rs11674926	2	221158354	0.0002594	-0.05619	0.000315	.
rs35134291	4	138278619	0.0002597	-0.06289	0.0002576	.
rs62026599	15	91804778	0.0002597	-0.05166	0.0002586	SV2B(0)
rs1076674	22	32069433	0.0002598	0.09443	0.000267	C22orf30(-2.808kb)
rs28360059	6	31155920	0.0002599	-0.06115	0.0003011	POU5F1(+17.47kb) HCG27(-9.678kb)
rs10902512	12	132691362	0.0002605	0.04453	0.0003239	.
rs324410	1	46834173	0.0002619	-0.0932	0.00027	NSUN4(+3.483kb)
rs10788158	10	123025375	0.0002621	-0.04809	0.0002349	.
rs11580964	1	87712335	0.0002628	0.04752	0.0002125	.
rs7013617	8	117746231	0.0002636	0.06955	0.0002487	EIF3H(0)
rs1109790	1	87710779	0.0002637	0.04761	0.0002106	.
rs12600043	16	15539952	0.0002637	0.04761	0.0002924	C16orf45(0)
rs28379534	1	87709437	0.0002637	0.07319	0.0002106	.
rs6498552	16	15539901	0.0002637	0.07319	0.0002924	C16orf45(0)
rs6498553	16	15539902	0.0002637	0.07319	0.0002924	C16orf45(0)
rs9904992	17	33843152	0.000264	0.1788	0.000282	.
rs12031796	1	246284297	0.0002641	0.1758	0.0002871	SMYD3(0)
rs7074335	10	106700394	0.0002648	-0.08349	0.0002931	SORCS3(0)
rs12040418	1	246261253	0.0002649	0.1775	0.0002912	SMYD3(0)
rs13005725	2	221153058	0.0002651	-0.05524	0.0003005	.
rs10750094	11	98465358	0.0002654	0.04675	0.0002461	.
rs1538408	6	87338626	0.0002658	-0.04445	0.0003254	.
rs930188	18	39451972	0.0002658	-0.06456	0.0003738	.
rs9989025	12	114055332	0.0002659	-0.04609	0.0002482	.
rs16945481	15	91805060	0.0002665	-0.06247	0.0002652	SV2B(0)
rs13148623	4	138274422	0.0002667	-0.05177	0.0002623	.
rs12031028	1	184713243	0.0002672	-0.04596	0.000334	EDEM3(0)
rs971081	1	184716457	0.0002672	-0.04596	0.000334	EDEM3(0)
rs10283129	8	117778673	0.0002676	0.05295	0.0002334	UTP23(-0.068kb) EIF3H(+10.61kb)

rs5998091	22	32086369	0.0002681	0.09399	0.0002833	C22orf30(0)
rs9370483	6	13818731	0.0002685	0.04527	0.0003292	CCDC90A(+3.942kb)
rs4936111	11	130573050	0.0002688	0.06048	0.0002666	.
rs6046396	20	19852503	0.0002688	-0.04863	0.0002945	RIN2(-17.71kb)
rs16970038	17	32892039	0.0002689	0.04708	0.0002199	TMEM132E(-15.73kb) FLJ44815(-9.1
rs60774127	6	144155882	0.0002689	-0.05305	0.0003047	PHACTR2(+3.56kb) LTV1(-8.625kb)
rs28397277	6	31164943	0.0002696	-0.06239	0.0002995	HCG27(-0.655kb)
rs7817411	8	18036004	0.0002696	0.05537	0.0003064	.
rs1567076	11	32094598	0.00027	0.07025	0.0003185	RCN1(-18.09kb)
rs2548124	5	95011975	0.0002702	-0.0445	0.0002449	SPATA9(0) RFESD(+19.13kb)
rs11071062	15	54521704	0.0002705	-0.1829	0.0002746	UNC13C(0)
rs953072	7	84924332	0.0002706	0.04554	0.0002877	.
rs1589603	2	57507510	0.0002707	-0.06676	0.0002064	.
rs13124707	4	177802518	0.0002709	0.05928	0.000184	.
rs12563206	1	87719009	0.0002719	0.04734	0.000226	.
rs35531360	10	27108205	0.000272	-0.0582	0.0003095	ABI1(0)
rs13117226	4	138245185	0.0002724	-0.05067	0.0002748	.
rs1548124	8	118457084	0.0002727	0.04753	0.0003108	.
rs28360057	6	31155532	0.0002731	-0.06297	0.0003141	POU5F1(+17.08kb) HCG27(-10.07kb)
rs12133128	1	184710588	0.0002734	-0.04587	0.0003447	EDEM3(0)
rs7755702	6	31158373	0.0002736	-0.05897	0.0002929	POU5F1(+19.92kb) HCG27(-7.225kb)
rs9295958	6	31158184	0.0002736	-0.05897	0.0002929	POU5F1(+19.73kb) HCG27(-7.414kb)
rs518232	11	75023968	0.0002746	0.04421	0.0002985	ARRB1(0)
rs5753753	22	32082427	0.0002749	0.09364	0.0002907	C22orf30(0)
rs5998089	22	32082345	0.0002749	0.09364	0.0002907	C22orf30(0)
rs1556058	13	70744525	0.0002756	0.1805	0.0002877	.
rs16861689	2	14525434	0.0002756	0.04571	0.0002953	.
rs6677073	1	184656801	0.0002757	-0.04462	0.000346	EDEM3(-2.823kb)
rs17747961	10	27100557	0.0002761	-0.05812	0.0003119	ABI1(0)
rs5010875	10	27103889	0.0002761	-0.05812	0.0003119	ABI1(0)
rs11564110	12	40827579	0.0002763	-0.06507	0.0002449	.
rs28360061	6	31160131	0.0002764	-0.05891	0.0002994	HCG27(-5.467kb)
rs10887957	10	91175968	0.0002768	-0.05096	0.0002533	SLC16A12(-14.09kb) IFIT5(0) IFIT
rs9576437	13	38645213	0.0002771	-0.07406	0.000325	.
rs16958570	17	9575159	0.0002778	0.06014	0.0002451	USP43(0)
rs3804088	22	32079447	0.0002778	0.0936	0.0002925	C22orf30(0)
rs2210166	1	87719524	0.0002784	0.04714	0.0002345	.
rs9302909	17	67886263	0.0002784	-0.05873	0.0002892	.
rs12146156	10	123024416	0.0002785	-0.05672	0.0002528	.
rs10749413	10	123025665	0.0002795	-0.0478	0.000254	.
rs9394951	6	43350753	0.0002796	0.04363	0.0002717	ZNF318(+13.57kb)
rs11040777	11	1731000	0.0002797	0.107	0.0002799	KRTAP5-6(+12.02kb) HCCA2(0)
rs60669705	22	32087698	0.0002799	0.09346	0.0002979	C22orf30(0)
rs3802614	10	27045089	0.00028	-0.05799	0.0003153	PDSS1(+9.363kb) ABI1(0)
rs6679069	1	162813651	0.0002801	-0.0452	0.0002903	C1orf110(-10.44kb)
rs7836549	8	117697574	0.0002801	0.06713	0.0002554	EIF3H(0)
rs11099438	4	138279187	0.0002802	-0.05854	0.0002894	.

rs8079599	17	67896315	0.0002802	-0.05153	0.0002953	.
rs7096584	10	27065976	0.0002807	-0.05808	0.0003155	ABI1(0)
rs17074900	8	5673926	0.0002812	0.06823	0.0003066	.
rs35254572	18	39451496	0.0002816	-0.04441	0.0003978	.
rs2835165	21	37310356	0.0002819	0.04651	0.0002452	.
rs4754531	11	98466496	0.0002819	-0.04447	0.0002644	.
rs483418	13	69041310	0.0002821	-0.04789	0.0003116	.
rs7485305	12	132689923	0.0002824	0.04426	0.0003551	.
rs7033687	9	138542618	0.0002827	0.04519	0.0002815	LCN9(-12.55kb) GLT6D1(+11.23kb)
rs13196249	6	87302850	0.0002837	-0.06973	0.0003751	.
rs17516986	15	91830481	0.0002837	-0.06773	0.000288	SV2B(0)
rs12157427	22	32083756	0.0002845	0.09338	0.0003013	C22orf30(0)
rs1473148	7	48999902	0.0002845	0.04542	0.0002606	.
rs10512184	9	89993601	0.0002848	-0.07732	0.0003066	.
rs11987603	8	55353200	0.0002855	0.04367	0.0002652	SOX17(-17.29kb)
rs4870910	8	125627154	0.0002855	-0.06014	0.0002791	MTSS1(0)
rs6912283	6	43364494	0.0002855	-0.1769	0.0002696	.
rs12654613	5	124243674	0.0002857	-0.0712	0.0002452	.
rs2255886	21	37340617	0.0002859	0.04542	0.0002223	.
rs2409738	21	37340567	0.0002859	0.04542	0.0002223	.
rs35776394	18	39451476	0.0002862	-0.04435	0.0004055	.
rs2404611	1	46997127	0.0002863	0.05378	0.0003232	KNCN(-14.19kb) DMBX1(+17.24kb)
rs10105610	8	117654088	0.0002871	0.06754	0.0002735	EIF3H(-2.966kb)
rs11166927	8	140796420	0.0002878	-0.04411	0.0003487	NIBP(0)
rs2014341	21	34345967	0.0002884	0.05161	0.0002836	.
rs61455148	1	87722683	0.0002888	0.04704	0.000242	.
rs17805237	2	57530195	0.0002902	-0.0648	0.0002409	.
rs740638	17	32882000	0.0002902	-0.06424	0.0003294	FLJ44815(-19.14kb)
rs10750025	11	113424042	0.0002905	-0.0482	0.0002971	.
rs12150394	17	32888769	0.0002907	0.0506	0.0002073	TMEM132E(-19kb) FLJ44815(-12.37k
rs1478982	7	95429271	0.0002908	-0.04436	0.0002723	DYNC111(0)
rs4310577	11	98463315	0.0002914	0.04677	0.0002666	.
rs28360058	6	31155615	0.0002919	-0.06064	0.0003397	POU5F1(+17.16kb) HCG27(-9.983kb)
rs5998084	22	32076919	0.000292	0.09323	0.0003098	C22orf30(0)
rs8068409	17	67860494	0.0002921	-0.05813	0.0003208	.
rs9619224	22	32075899	0.0002922	0.09382	0.000296	C22orf30(0)
rs7998530	13	106132719	0.0002927	0.04804	0.0004143	DAOA(0)
rs16915954	8	52189472	0.0002929	0.05136	0.0003459	.
rs7897619	10	91090551	0.000293	-0.05137	0.0002972	IFIT3(0)
rs7464414	8	117807129	0.0002931	0.06872	0.0002867	.
rs640844	11	94811579	0.0002933	-0.04404	0.0003442	SFRS2B(+7.191kb) ENDOD1(-11.44kb)
rs946152	1	246289060	0.0002937	0.1746	0.0003214	SMYD3(0)
rs2286007	12	971291	0.0002941	0.08173	0.0003511	WNK1(0) HSN2(-5.578kb)
rs62530670	8	125627950	0.0002941	-0.06022	0.0002815	MTSS1(0)
rs55931128	13	69088479	0.0002942	-0.05664	0.0003091	.
rs13383742	2	57530326	0.0002945	0.06106	0.000247	.
rs1897143	11	98545025	0.0002945	-0.06412	0.0002655	.

rs2338968	17	32885943	0.0002954	-0.04744	0.0002673	FLJ44815(-15.2kb)
rs2243634	21	37339862	0.0002956	0.0451	0.000237	.
rs9380221	6	31150873	0.0002958	-0.05664	0.0003263	TCF19(+18.88kb) POU5F1(+12.42kb)
rs28704045	8	755333	0.0002962	0.05747	0.0003142	.
rs1478986	7	95438637	0.0002963	-0.04506	0.0002932	DYNC111(0)
rs1540847	7	84968982	0.0002966	0.04585	0.0002971	.
rs11199866	10	123025737	0.0002967	-0.04759	0.0002696	.
rs62397561	6	33784105	0.0002968	-0.04982	0.0002581	MLN(+12.31kb)
rs9295957	6	31157593	0.000297	-0.06	0.0003073	POU5F1(+19.14kb) HCG27(-8.005kb)
rs13260415	8	140805137	0.0002971	-0.0442	0.0003892	NIBP(0)
rs4726898	7	140261516	0.0002971	-0.04438	0.0003934	DENND2A(0)
rs614112	11	94813318	0.0002975	0.04408	0.0003419	SFRS2B(+8.93kb) ENDOD1(-9.698kb)
rs8128242	21	33668891	0.0002977	0.04518	0.0003332	MRAP(0) C21orf45(+17.52kb)
rs61813512	1	177724614	0.0002978	0.1366	0.000284	.
rs5753578	22	31765801	0.0002983	0.09109	0.0003118	.
rs34672734	8	117805281	0.0002987	0.05348	0.0002808	.
rs7775672	6	144157093	0.0002996	-0.0525	0.0003501	PHACTR2(+4.771kb) LTV1(-7.414kb)
rs10936648	3	170489791	0.0002999	0.05876	0.0002534	.
rs35672615	6	31274890	0.0002999	-0.06508	0.0003534	.
rs4820967	22	31768610	0.0003001	0.09131	0.00031	.
rs6469656	8	117647788	0.0003007	0.06808	0.0002771	EIF3H(-9.266kb)
rs1568210	15	92522306	0.0003012	0.04557	0.0002908	SLCO3A1(0)
rs625960	7	140273150	0.0003017	-0.04448	0.0003946	DENND2A(0)
rs674866	7	140274075	0.0003017	-0.04388	0.0003946	DENND2A(0)
rs8004683	14	22640041	0.0003017	-0.04388	0.0003093	.
rs12124929	1	184710178	0.0003018	-0.04549	0.000374	EDEM3(0)
rs9477306	6	17048200	0.0003029	0.08734	0.0002867	.
rs12240452	10	20781989	0.0003033	-0.1566	0.0003017	.
rs12240588	10	20782241	0.0003033	-0.1566	0.0003017	.
rs12251618	10	20780269	0.0003033	-0.1566	0.0003017	.
rs12259227	10	20780312	0.0003033	-0.1566	0.0003017	.
rs12259659	10	20777316	0.0003033	-0.1566	0.0003017	.
rs12262519	10	20780789	0.0003033	-0.1566	0.0003017	.
rs12262779	10	20781177	0.0003033	-0.1566	0.0003017	.
rs7895749	10	20779657	0.0003033	-0.1566	0.0003017	.
rs7899224	10	20779974	0.0003033	-0.1566	0.0003017	.
rs17084550	4	55495726	0.0003039	0.06181	0.000325	.
rs6838906	4	178072504	0.000304	0.1377	0.0003092	.
rs11613829	12	40784253	0.0003042	-0.06503	0.0002683	.
rs9693397	8	54456804	0.0003042	-0.102	0.0002503	.
rs11794067	9	89971603	0.0003047	-0.07028	0.0003197	.
rs11507945	6	31145755	0.0003059	-0.05737	0.0003547	TCF19(+13.76kb) POU5F1(+7.304kb)
rs12656060	5	124247974	0.0003066	-0.07087	0.0002656	.
rs12656225	5	124242856	0.0003066	-0.07087	0.0002656	.
rs36073700	13	38648549	0.0003069	-0.07289	0.0003532	.
rs301430	9	4576680	0.0003075	-0.05014	0.0003029	SLC1A1(0)
rs4498770	1	184638266	0.0003076	-0.04472	0.0003405	.

rs12455820	18	39457609	0.0003081	-0.04404	0.000408	.
rs10080355	6	144092905	0.0003082	-0.04626	0.000277	PHACTR2(0)
rs12932337	16	89630630	0.0003088	-0.06125	0.0002821	SPG7(+6.456kb) RPL13(+0.782kb) C
rs2833697	21	33556137	0.0003088	0.04555	0.0003262	.
rs12489988	3	121723700	0.0003092	0.07902	0.0003677	ILDR1(0)
rs2136907	11	7973233	0.0003096	0.06002	0.0003516	OR10A3(+12.17kb) NLRP10(-7.922kb)
rs11885735	2	7155864	0.0003098	-0.04883	0.0003524	RNF144A(0)
rs9376717	6	143250403	0.0003099	0.1289	0.0003397	HIVEP2(0)
rs17192274	6	31248033	0.00031	-0.06253	0.0003689	HLA-C(+8.178kb)
rs1018884	17	67880836	0.0003108	-0.05023	0.0003244	.
rs1024420	17	67882036	0.0003108	-0.05823	0.0003244	.
rs1024422	17	67881380	0.0003108	-0.05823	0.0003244	.
rs10852722	17	67868170	0.0003108	-0.05823	0.0003244	.
rs12103558	17	67873074	0.0003108	-0.05823	0.0003244	.
rs12602355	17	67868593	0.0003108	-0.05823	0.0003244	.
rs2188660	17	67886969	0.0003108	-0.05823	0.0003244	.
rs2188661	17	67886749	0.0003108	-0.05823	0.0003244	.
rs2366019	17	67882524	0.0003108	-0.05823	0.0003244	.
rs2366020	17	67883361	0.0003108	-0.05823	0.0003244	.
rs2886549	17	67882571	0.0003108	-0.05823	0.0003244	.
rs2886550	17	67882715	0.0003108	-0.05823	0.0003244	.
rs35359667	10	91179694	0.0003108	-0.05823	0.0003042	SLC16A12(-10.36kb) IFIT5(0) IFIT
rs4444382	17	67880345	0.0003108	-0.05823	0.0003244	.
rs58610652	17	67870799	0.0003108	-0.05823	0.0003244	.
rs60575691	17	67870819	0.0003108	-0.05823	0.0003244	.
rs61709476	17	67868896	0.0003108	-0.05823	0.0003244	.
rs7216073	17	67876227	0.0003108	-0.05823	0.0003244	.
rs7224273	17	67887773	0.0003108	-0.05823	0.0003244	.
rs7224709	17	67883995	0.0003108	-0.05823	0.0003244	.
rs972846	17	67869502	0.0003108	-0.05823	0.0003244	.
rs9909041	17	67865772	0.0003108	-0.05823	0.0003244	.
rs9915283	17	67871352	0.0003108	-0.05823	0.0003244	.
rs10878575	12	40828665	0.0003109	-0.06457	0.0002908	.
rs10085939	8	117684153	0.000311	0.06651	0.0003009	EIF3H(0)
rs4472547	8	117683846	0.000311	0.06651	0.0003009	EIF3H(0)
rs4623456	8	117683771	0.000311	0.06651	0.0003009	EIF3H(0)
rs35184720	20	24388722	0.0003111	-0.1846	0.0003052	.
rs1535948	6	33783883	0.000312	-0.04947	0.0002741	MLN(+12.09kb)
rs6501353	17	67876059	0.0003121	-0.0583	0.0003219	.
rs9378115	6	31156465	0.0003122	-0.05839	0.0003348	POU5F1(+18.01kb) HCG27(-9.133kb)
rs9391818	6	31157738	0.0003122	-0.05839	0.0003348	POU5F1(+19.29kb) HCG27(-7.86kb)
rs9405052	6	31157709	0.0003122	-0.05839	0.0003348	POU5F1(+19.26kb) HCG27(-7.889kb)
rs11745257	5	146929299	0.0003123	-0.07083	0.0002927	.
rs13359971	5	124241613	0.0003123	-0.04476	0.0002669	.
rs1905377	8	51550889	0.0003136	0.06623	0.0003334	SNTG1(0)
rs3211568	16	89629780	0.0003142	-0.06001	0.0002922	SPG7(+5.606kb) RPL13(0) CPNE7(-1
rs667863	7	140271052	0.0003146	-0.04379	0.0004109	DENND2A(0)

rs28360062	6	31160218	0.000315	0.04784	0.0003452	HCG27(-5.38kb)
rs6450965	5	33223956	0.000315	-0.0584	0.0003693	.
rs2125737	6	43327536	0.0003151	0.04641	0.0003377	ZNF318(0)
rs2611336	6	43329028	0.0003151	0.04321	0.0003377	ZNF318(0)
rs762224	21	33583831	0.0003151	0.04321	0.0003311	.
rs4973961	3	41570365	0.0003159	0.06016	0.0003171	ULK4(0)
rs7814566	8	52233698	0.000316	0.05028	0.0003969	PXDNL(0)
rs5753582	22	31771182	0.0003161	0.09092	0.0003294	.
rs1837087	8	52226463	0.0003162	0.05039	0.0003866	PXDNL(-5.673kb)
rs1082	6	144145797	0.0003174	-0.05327	0.000369	PHACTR2(0) LTV1(-18.71kb)
rs9342083	6	87329374	0.0003177	-0.05234	0.0003307	.
rs10808051	7	140261334	0.0003179	-0.04394	0.000419	DENND2A(0)
rs11778622	8	140805582	0.000319	-0.04415	0.000415	NIBP(0)
rs2690300	7	95436748	0.0003194	-0.04393	0.0003083	DYNC111(0)
rs12135210	1	197745243	0.0003195	-0.2042	0.0003416	DENND1B(+0.687kb)
rs2732717	7	84928058	0.0003204	0.06168	0.0003223	.
rs7108633	11	130570666	0.0003204	0.04492	0.0003235	.
rs10892118	11	98543218	0.0003205	0.06249	0.0002963	.
rs1842101	7	95428585	0.0003207	-0.04444	0.0002945	DYNC111(0)
rs2442463	15	33711958	0.0003208	0.0494	0.0003291	RYR3(0)
rs5753577	22	31764176	0.0003209	0.09635	0.0003356	.
rs1639948	7	140263174	0.0003212	-0.04388	0.000423	DENND2A(0)
rs526070	7	140263771	0.0003212	-0.04388	0.000423	DENND2A(0)
rs667416	7	140263763	0.0003212	-0.04388	0.000423	DENND2A(0)
rs35830608	10	91117083	0.0003224	-0.05255	0.0003305	IFIT3(+16.77kb)
rs1267301	1	46992853	0.0003229	0.05383	0.0003591	KNCN(-18.46kb) DMBX1(+12.97kb)
rs9608466	22	26561478	0.0003237	-0.09337	0.0002937	SEZ6L(-4.001kb)
rs13196055	6	22564209	0.000324	-0.07943	0.0002964	HDGFL1(-5.468kb)
rs1860841	7	140274916	0.0003243	-0.04373	0.0004175	DENND2A(0)
rs1317271	8	117682668	0.0003246	0.06628	0.0003146	EIF3H(0)
rs4601347	8	117687218	0.0003246	0.06628	0.0003146	EIF3H(0)
rs4873540	8	52229215	0.0003249	0.05102	0.0003991	PXDNL(-2.921kb)
rs10958256	8	52178206	0.0003252	0.05055	0.0003984	.
rs17652726	5	3798490	0.0003254	0.09485	0.0003441	.
rs4754656	11	99857172	0.0003256	0.04479	0.0003363	CNTN5(0)
rs34540270	4	138243465	0.0003258	0.1021	0.0003291	.
rs62182802	2	149035724	0.0003258	-0.05013	0.0003571	.
rs11749905	5	33217455	0.0003259	0.04828	0.0003767	.
rs3211569	16	89629819	0.0003267	-0.06015	0.0003126	SPG7(+5.645kb) RPL13(0) CPNE7(-1
rs4295527	6	5385623	0.000327	-0.04828	0.0004331	FARS2(0)
rs2548123	5	95012827	0.0003274	-0.04411	0.0002888	SPATA9(0) RFESD(+19.98kb)
rs2078931	17	67874565	0.0003275	-0.05803	0.0003414	.
rs640455	11	94812057	0.0003281	0.04371	0.0003836	SFRS2B(+7.669kb) ENDOD1(-10.96kb
rs653573	11	94804852	0.0003288	0.04426	0.0003378	SFRS2B(+0.464kb) ENDOD1(-18.16kb
rs610183	11	94807581	0.0003291	0.04419	0.0003516	SFRS2B(+3.193kb) ENDOD1(-15.44kb
rs11203115	10	91173397	0.0003295	-0.04943	0.0003175	SLC16A12(-16.66kb) IFIT5(-1.041k
rs10022405	4	94724094	0.0003296	0.04471	0.0003354	.

rs12428665	13	38647493	0.0003297	-0.07241	0.0003813	.
rs8082031	17	9575948	0.0003299	0.05976	0.0002869	USP43(0)
rs10892115	11	98543035	0.0003304	0.06047	0.0002982	.
rs12577166	11	98542774	0.0003304	0.06047	0.0002982	.
rs9394949	6	43335003	0.0003305	0.04321	0.0003491	ZNF318(0)
rs12626733	21	33623447	0.0003308	0.05425	0.0003551	C21orf45(-17.08kb)
rs4500070	8	52237082	0.0003313	0.04962	0.000403	PXDNL(0)
rs6983032	8	117705416	0.0003316	0.0663	0.0003154	EIF3H(0)
rs35765654	13	85840093	0.0003318	0.1188	0.0002912	.
rs12256866	10	20802826	0.0003325	-0.1483	0.0003467	.
rs7259371	19	33534641	0.0003325	-0.05571	0.0003287	RHPN2(0)
rs7210854	17	72217416	0.0003327	-0.1778	0.0003674	TTYH2(0) RPL38(+11.4kb)
rs9868322	3	170490910	0.0003327	0.05854	0.0002946	.
rs8080969	17	67896085	0.000333	-0.05776	0.0003529	.
rs9808025	2	221164636	0.0003331	-0.05404	0.0003871	.
rs7193514	16	77998304	0.0003335	-0.07253	0.0003383	KIAA1576(0)
rs190034	5	95017531	0.0003338	-0.04414	0.0003084	SPATA9(0)
rs16884721	8	114461787	0.0003339	0.2062	0.0003529	CSMD3(+12.54kb)
rs7091364	10	27071972	0.0003344	-0.058	0.0003967	ABI1(0)
rs4365449	2	57552412	0.0003345	-0.06565	0.0002682	.
rs9298442	8	52228327	0.0003347	0.05049	0.0003986	PXDNL(-3.809kb)
rs2536955	7	140272991	0.0003348	-0.04361	0.0004341	DENND2A(0)
rs3885071	11	28622910	0.000335	0.1602	0.0003533	.
rs55998392	8	52200076	0.0003351	0.05131	0.0003844	.
rs16861637	3	148936749	0.0003359	-0.08373	0.0003834	CP(0)
rs8068201	17	67860341	0.0003363	-0.05871	0.0003706	.
rs11107543	12	94848578	0.0003366	-0.1844	0.0003112	CCDC41(0)
rs1788325	21	28558432	0.0003369	-0.06628	0.0003632	.
rs6473844	8	54457206	0.000337	-0.06144	0.0002888	.
rs714768	17	67864323	0.000337	-0.1106	0.0003361	.
rs10788642	10	91156353	0.0003372	-0.04915	0.0003215	IFIT1L(+11.39kb) IFIT5(-18.09kb)
rs12031436	1	246289111	0.0003377	0.1709	0.000374	SMYD3(0)
rs6986651	8	52219117	0.0003378	0.05139	0.0003878	PXDNL(-13.02kb)
rs4406832	11	130572303	0.0003389	0.06029	0.0003388	.
rs2323664	13	38527667	0.000339	-0.04488	0.0003988	.
rs647347	1	183177218	0.000339	-0.06239	0.0003222	LAMC2(0)
rs6705007	2	221181863	0.0003395	-0.05432	0.0004033	.
rs9643999	8	15271028	0.0003397	0.06095	0.0002997	.
rs7217905	17	27381113	0.0003402	-0.1165	0.0003518	TIAF1(-19.43kb) PIPOX(0) MYO18A(
rs12603067	17	67878792	0.0003407	-0.05788	0.0003554	.
rs7219349	17	67883057	0.0003407	-0.05788	0.0003554	.
rs9302905	17	67885266	0.0003409	-0.05803	0.0003475	.
rs9302908	17	67885867	0.0003409	-0.05803	0.0003475	.
rs9914510	17	67886173	0.0003409	-0.05803	0.0003475	.
rs11255790	10	8682180	0.000341	0.04762	0.0002968	.
rs12363312	11	60896556	0.0003415	-0.1096	0.0003229	VPS37C(-1.171kb) CD5(+1.233kb)
rs7821565	8	52216762	0.0003415	-0.07235	0.0004013	PXDNL(-15.37kb)

rs9566297	13	38650811	0.0003415	0.05172	0.0003917	.
rs7931415	11	98473004	0.0003417	0.05991	0.0002873	.
rs2175717	3	62782972	0.0003432	-0.06718	0.0003707	CADPS(0)
rs1339662	10	20796518	0.0003434	-0.147	0.0003538	.
rs1339664	10	20796194	0.0003434	-0.147	0.0003538	.
rs55977850	9	89960290	0.0003434	-0.147	0.0003543	.
rs9663477	10	20797934	0.0003434	-0.06916	0.0003538	.
rs1821661	2	212221462	0.0003437	-0.1805	0.0003239	ERBB4(-18.98kb)
rs9810714	3	189933039	0.0003437	0.06976	0.0003376	.
rs9576402	13	38517070	0.0003439	-0.06398	0.0004099	.
rs10773459	12	128466304	0.0003445	0.0471	0.0004005	.
rs4655944	1	87722866	0.0003445	0.0475	0.0002832	.
rs12292032	11	86199673	0.0003446	-0.08084	0.0004161	ME3(0)
rs13216762	6	87299408	0.0003448	-0.06739	0.0004236	.
rs6987775	8	52234248	0.0003454	0.04299	0.0004261	PXDNL(0)
rs9394948	6	43334755	0.0003454	0.05011	0.0003688	ZNF318(0)
rs34895	5	95018382	0.0003456	-0.05401	0.0003383	SPATA9(0)
rs6738343	2	221169476	0.0003456	-0.04391	0.0003959	.
rs472112	11	75021501	0.000346	0.04315	0.0003729	ARRB1(0)
rs4895361	5	118474205	0.0003461	-0.06072	0.0003443	DMXL1(0)
rs3134445	11	130536169	0.000347	0.05909	0.0003591	.
rs1241198	1	103307465	0.0003474	0.05636	0.0002916	.
rs10505448	8	125629396	0.0003476	-0.06351	0.0003564	MTSS1(0)
rs2118108	8	117654773	0.0003478	0.06664	0.0003293	EIF3H(-2.281kb)
rs10892099	11	98535962	0.000348	0.05999	0.0003202	.
rs62026602	15	91811278	0.0003482	-0.06881	0.0003609	SV2B(0)
rs6713264	2	149057121	0.0003493	0.06903	0.0004032	.
rs2179951	6	144144421	0.0003497	-0.05291	0.0004006	PHACTR2(0)
rs56219017	9	89960152	0.00035	-0.07094	0.0003699	.
rs12817997	12	115859638	0.0003506	-0.0512	0.0003037	.
rs2552034	2	36507357	0.0003507	0.04468	0.0002874	.
rs7842457	8	52224158	0.0003514	0.05018	0.0004477	PXDNL(-7.978kb)
rs4399141	1	118858588	0.0003518	-0.0716	0.0002788	.
rs2013845	8	125619203	0.0003522	-0.05669	0.0003372	MTSS1(0)
rs609451	11	94814049	0.0003525	0.04316	0.0004095	SFRS2B(+9.661kb) ENDOD1(-8.967kb)
rs12603918	17	67878925	0.0003528	-0.05778	0.0003663	.
rs17450926	7	78350124	0.0003529	-0.05571	0.0003681	MAGI2(0)
rs6933568	6	33751261	0.0003529	-0.07861	0.0003378	MLN(-11.19kb) LEMD2(0)
rs1454539	2	221208500	0.000353	-0.05442	0.0003878	.
rs9496777	6	144154634	0.0003531	-0.05241	0.0003978	PHACTR2(+2.312kb) LTV1(-9.873kb)
rs2106691	15	91821201	0.0003533	-0.06824	0.0003713	SV2B(0)
rs34054635	2	221183409	0.0003535	-0.05419	0.0004194	.
rs34920391	2	221183257	0.0003535	-0.05419	0.0004194	.
rs6752294	2	221183511	0.0003535	-0.05419	0.0004194	.
rs7596824	2	221182514	0.0003535	-0.05419	0.0004194	.
rs4586176	11	130571841	0.0003537	0.06056	0.0003581	.
rs159914	9	4577130	0.0003538	-0.05061	0.0003482	SLC1A1(0)

rs2521995	5	95014307	0.0003539	-0.04376	0.000313	SPATA9(0)
rs12362409	11	98472117	0.0003541	0.05971	0.0002991	.
rs2216595	19	33533292	0.0003551	-0.05566	0.0003306	RHPN2(0)
rs4873542	8	52229543	0.0003555	0.05027	0.0004225	PXDNL(-2.593kb)
rs11012109	10	20807124	0.0003557	-0.1451	0.0003458	.
rs4623672	1	87705945	0.0003558	0.04675	0.000305	.
rs1639944	7	140274309	0.0003561	-0.04333	0.0004759	DENND2A(0)
rs10093917	8	54513478	0.0003562	-0.1073	0.0002914	.
rs17450323	7	78342354	0.0003563	-0.07839	0.000368	MAGI2(0)
rs1544142	13	38528141	0.0003564	-0.06217	0.0004201	.
rs55873439	6	55050595	0.0003566	-0.08534	0.0003767	HCRTR2(0)
rs9875833	3	169303875	0.0003566	-0.06162	0.0003286	MDS1(0)
rs10911645	1	184705883	0.000357	-0.04504	0.0004492	EDEM3(0)
rs2841642	6	43302285	0.000357	0.04289	0.0003746	ZNF318(-1.522kb)
rs7897873	10	91090709	0.0003577	-0.05083	0.0003543	IFIT3(0)
rs28567381	17	32878082	0.0003578	-0.05819	0.000389	.
rs11961945	6	31151248	0.0003579	-0.0577	0.0004142	TCF19(+19.26kb) POU5F1(+12.8kb)
rs28749548	6	31150914	0.0003579	-0.05757	0.0004142	TCF19(+18.92kb) POU5F1(+12.46kb)
rs4459587	17	67882597	0.0003579	-0.05757	0.0003724	.
rs2696163	7	84906342	0.0003583	0.04487	0.0003486	.
rs11127383	2	3203852	0.0003587	-0.1198	0.0003866	TSSC1(0)
rs2833736	21	33582722	0.0003594	0.04603	0.00041	.
rs1227517	7	95457160	0.0003597	0.04432	0.0003653	DYNC1I1(0)
rs11806348	1	87723918	0.0003607	0.04639	0.0002992	.
rs3219282	19	50887276	0.0003607	-0.07692	0.0004245	POLD1(-0.316kb) NR1H2(+1.009kb)
rs11216130	11	98473427	0.0003612	0.05965	0.0003026	.
rs4876722	8	118454642	0.0003612	0.04708	0.0003729	.
rs153907	5	95015697	0.0003615	-0.04391	0.0003212	SPATA9(0)
rs7813377	8	52238931	0.0003618	0.04911	0.0004444	PXDNL(0)
rs4448265	8	52212012	0.0003621	-0.05755	0.0004434	.
rs714769	17	67864367	0.0003621	-0.05755	0.0003836	.
rs714770	17	67864483	0.0003621	-0.05755	0.0003836	.
rs9909532	17	67865307	0.0003621	0.05051	0.0003836	.
rs2457492	18	68373609	0.0003622	0.0503	0.0004156	.
rs10113485	8	52190571	0.0003633	0.05019	0.0004144	.
rs17603241	7	126038029	0.0003634	0.1367	0.0004121	.
rs3733187	4	5815444	0.000364	-0.05917	0.0003515	EVC(0) CRMP1(-7.046kb)
rs2000945	18	31365336	0.0003643	0.04358	0.0003413	.
rs59036614	14	94830448	0.0003643	0.04385	0.0003825	SERPINA1(-12.63kb)
rs10105228	8	52225473	0.0003645	0.0499	0.0004388	PXDNL(-6.663kb)
rs4951651	1	213080601	0.0003647	-0.05426	0.0003566	FLVCR1(+11.85kb)
rs62530669	8	125621258	0.0003654	-0.0578	0.0003391	MTSS1(0)
rs1056986	11	94802318	0.0003657	0.04354	0.0003762	SFRS2B(0)
rs35879863	5	33229606	0.0003657	0.05018	0.0003907	.
rs9841663	3	170492948	0.000366	0.05604	0.0003659	.
rs28360060	6	31159533	0.0003671	-0.05948	0.0004176	HCG27(-6.065kb)
rs35240189	8	27079834	0.0003672	-0.06854	0.000363	STMN4(-13.98kb)

rs11711058	3	68256979	0.0003681	0.04682	0.0003561	FAM19A1(0)
rs2845734	21	37340750	0.0003684	0.04471	0.0002898	.
rs4281147	8	18003853	0.0003694	0.0522	0.0004098	.
rs7362821	20	24380240	0.0003698	-0.0579	0.0003621	.
rs9302906	17	67885499	0.0003698	-0.1824	0.0003775	.
rs1436766	8	117652598	0.0003699	0.06651	0.0003297	EIF3H(-4.456kb)
rs7083359	10	8682679	0.00037	0.04688	0.0003275	.
rs269223	7	140275739	0.0003703	-0.05374	0.0004744	DENND2A(0)
rs9808274	2	221166374	0.0003703	-0.04337	0.0004307	.
rs654672	11	94810854	0.0003705	0.04344	0.0004106	SFRS2B(+6.466kb) ENDOD1(-12.16kb)
rs5994440	22	32266157	0.000371	0.0619	0.0003499	DEPDC5(0)
rs11216417	11	98545521	0.0003715	0.06224	0.0003119	.
rs9836844	3	170492355	0.000372	0.05489	0.0003223	.
rs9847011	3	170490811	0.000372	0.05489	0.0003223	.
rs555516	7	140264703	0.0003722	-0.04356	0.0004935	DENND2A(0)
rs11942719	4	6060892	0.0003726	-0.06197	0.0004046	JAKMIP1(0)
rs11994520	8	125628685	0.0003726	-0.06293	0.0003773	MTSS1(0)
rs16956585	16	66527859	0.0003727	0.1216	0.0003983	TK2(-15.48kb)
rs2548125	5	95011426	0.0003727	-0.04384	0.0003383	SPATA9(0) RFESD(+18.58kb)
rs11991037	8	52222699	0.0003731	0.05113	0.0004232	PXDNL(-9.437kb)
rs1373446	11	98525492	0.0003736	0.06029	0.0003462	.
rs7599774	2	221182902	0.0003738	-0.05404	0.0004435	.
rs9381237	6	43320410	0.0003739	0.04324	0.0003782	ZNF318(0)
rs59020249	5	124230384	0.0003745	-0.07042	0.0003448	.
rs9357115	6	31155991	0.0003749	-0.05761	0.0004056	POU5F1(+17.54kb) HCG27(-9.607kb)
rs1454565	2	221180809	0.0003752	-0.05402	0.0004406	.
rs731007	7	25560705	0.0003772	0.06127	0.0003096	.
rs11967243	6	31246266	0.0003779	-0.06173	0.0004473	HLA-C(+6.411kb)
rs6517316	21	37310833	0.0003784	-0.04337	0.0003322	.
rs12591995	15	94361169	0.0003785	0.04941	0.0004166	.
rs4312282	15	92529323	0.0003785	0.04362	0.0003502	SLCO3A1(0)
rs6469657	8	117668389	0.0003788	0.06592	0.000361	EIF3H(0)
rs17141889	7	19790755	0.0003792	0.0601	0.0003814	TMEM196(0)
rs7278793	21	37310964	0.0003796	-0.04338	0.0003319	.
rs1639945	7	140263109	0.0003798	-0.04339	0.0005015	DENND2A(0)
rs6995398	8	52163226	0.0003808	-0.1284	0.0004367	.
rs9515556	13	89959235	0.0003808	0.0491	0.0004367	.
rs1701979	1	119208957	0.0003813	0.07654	0.0003069	.
rs1701980	1	119208900	0.0003813	0.07654	0.0003069	.
rs9380222	6	31167213	0.000382	-0.05269	0.0004517	HCG27(0)
rs4651230	1	184681802	0.0003823	-0.04438	0.0004991	EDEM3(0)
rs12442051	15	54533435	0.0003824	-0.1806	0.0003827	UNC13C(0)
rs16974486	17	67875204	0.0003827	-0.0585	0.0003803	.
rs955857	21	28557609	0.0003828	-0.06617	0.0003746	.
rs957228	21	28557605	0.0003828	-0.06617	0.0003746	.
rs7992543	13	38518238	0.0003831	-0.06128	0.000462	.
rs7994826	13	38518334	0.0003831	-0.06128	0.000462	.

rs6446443	4	6041744	0.0003838	-0.06948	0.0005264	JAKMIP1(0)
rs12637518	3	156963301	0.0003839	0.05861	0.0003797	VEPH1(-15.4kb)
rs16958564	17	9569665	0.0003839	-0.0464	0.0002893	USP43(0)
rs12983824	19	28805571	0.0003841	-0.07482	0.0003799	.
rs2536954	7	140272422	0.0003841	-0.04392	0.0004753	DENND2A(0)
rs9394042	6	31167011	0.0003847	-0.05263	0.0004573	HCG27(0)
rs8066737	17	67860207	0.0003855	-0.05729	0.0004086	.
rs28366723	17	67896987	0.0003866	-0.05701	0.0004126	.
rs9635665	17	67898772	0.0003866	-0.05701	0.0004126	.
rs9635666	17	67898914	0.0003866	-0.05701	0.0004126	.
rs915660	6	31143835	0.0003869	-0.05662	0.0004458	TCF19(+11.84kb) POU5F1(+5.384kb)
rs1436765	8	117652626	0.000387	0.06616	0.0003626	EIF3H(-4.428kb)
rs4289846	8	117651368	0.000387	0.06616	0.0003626	EIF3H(-5.686kb)
rs4335152	8	117651371	0.000387	0.06616	0.0003626	EIF3H(-5.683kb)
rs4422805	8	117651299	0.000387	0.06616	0.0003626	EIF3H(-5.755kb)
rs7830860	8	117652174	0.000387	0.06616	0.0003626	EIF3H(-4.88kb)
rs2242416	6	43273604	0.0003876	0.04243	0.0004274	TTBK1(+17.61kb) SLC22A7(+0.328kb)
rs10057993	5	160589740	0.0003886	-0.07877	0.000377	.
rs10072626	5	160587174	0.0003889	-0.07872	0.00038	.
rs13230877	7	79325752	0.0003898	-0.04439	0.0004087	.
rs4259617	1	87725048	0.0003906	0.0461	0.0003268	.
rs4278349	1	87725833	0.0003906	0.0461	0.0003268	.
rs4561014	1	87725168	0.0003906	0.0461	0.0003268	.
rs58458824	1	87726966	0.0003906	0.0461	0.0003268	.
rs59253082	8	54473944	0.0003906	0.0461	0.000329	.
rs60507195	1	87727014	0.0003906	-0.1019	0.0003268	.
rs1425402	4	124547402	0.0003914	-0.08428	0.0003777	.
rs6964515	7	85002712	0.000392	0.04559	0.0004022	.
rs12103827	17	67873145	0.0003921	-0.05732	0.0004142	.
rs655070	11	94810756	0.000394	0.04281	0.0004676	SFRS2B(+6.368kb) ENDOD1(-12.26kb)
rs783770	9	138461721	0.0003947	-0.04663	0.000428	PAEP(+3.099kb) OBP2A(+19.91kb)
rs6744417	2	98764923	0.000395	0.04609	0.000378	VWA3B(0)
rs9558571	13	106138366	0.0003959	0.04732	0.0005714	DAOA(0)
rs11241775	5	124224444	0.0003963	-0.07015	0.0003426	.
rs7836226	8	117802867	0.0003963	0.05192	0.0003627	UTP23(+18.67kb)
rs61475818	12	40801496	0.0003965	-0.06428	0.0003584	.
rs4289847	8	117683201	0.0003967	0.06564	0.0003794	EIF3H(0)
rs13354132	5	58214089	0.000397	-0.09058	0.0004045	.
rs34401425	6	31241916	0.000397	-0.04331	0.0004738	HLA-C(+2.061kb)
rs384537	5	95008129	0.000397	-0.06136	0.0003518	SPATA9(0) RFESD(+15.29kb)
rs13159550	5	33221492	0.0003973	0.04842	0.0004439	.
rs11203119	10	91181648	0.0003979	-0.04937	0.0003848	SLC16A12(-8.407kb) IFIT5(+0.895k
rs12781505	10	91181033	0.0003979	-0.04937	0.0003848	SLC16A12(-9.022kb) IFIT5(+0.28kb
rs11991652	8	55342146	0.0003983	-0.1723	0.0003747	.
rs4735749	8	77898932	0.0003983	0.04477	0.0004011	PXMP3(0)
rs1949706	2	57572298	0.0003987	-0.06531	0.0003252	.
rs2066389	15	94367966	0.0004	-0.05694	0.0004138	.

rs7465245	8	54454638	0.0004	-0.09923	0.0003371	.
rs4281305	1	87725937	0.0004001	0.04604	0.0003333	.
rs7844531	8	52219631	0.0004004	0.0495	0.0004705	PXDNL(-12.51kb)
rs1047334	17	9815187	0.0004007	0.04614	0.0003837	RCVRN(+6.503kb) GAS7(0)
rs11161959	1	87731836	0.0004008	0.04603	0.0003352	.
rs11161960	1	87731962	0.0004008	0.04603	0.0003352	.
rs11161961	1	87732120	0.0004008	0.04603	0.0003352	.
rs11161962	1	87732260	0.0004008	0.04603	0.0003352	.
rs11577298	1	87730319	0.0004008	0.04603	0.0003352	.
rs11579302	1	87730211	0.0004008	0.04603	0.0003352	.
rs11583437	1	87729323	0.0004008	0.04603	0.0003352	.
rs12027650	1	87733907	0.0004008	0.04603	0.0003352	.
rs1888339	1	87731204	0.0004008	0.04603	0.0003352	.
rs1888340	1	87731239	0.0004008	0.04603	0.0003352	.
rs1929134	1	87731550	0.0004008	0.04603	0.0003352	.
rs1929135	1	87731742	0.0004008	0.04603	0.0003352	.
rs4615820	1	87733253	0.0004008	0.04603	0.0003352	.
rs55838834	1	87727640	0.0004008	0.04603	0.0003352	.
rs11216271	11	98506308	0.0004009	0.06033	0.0003478	.
rs28815868	17	67872739	0.000401	-0.05758	0.0004139	.
rs638067	11	94805622	0.0004015	0.04331	0.0004225	SFRS2B(+1.234kb) ENDOD1(-17.39kb)
rs1912316	10	87231783	0.0004016	-0.04865	0.0004546	.
rs1931441	13	71915948	0.0004022	-0.1072	0.0003502	.
rs7336115	13	71916640	0.0004022	-0.1072	0.0003502	.
rs981099	13	71912110	0.0004022	-0.1072	0.0003502	.
rs1454569	2	221170175	0.0004034	-0.05331	0.0004657	.
rs34795899	2	221170741	0.0004034	-0.05331	0.0004657	.
rs12675093	8	117798198	0.0004044	0.05158	0.0003558	UTP23(+14kb)
rs2131606	17	71059408	0.0004047	-0.1109	0.0004211	SLC39A11(0)
rs62660762	7	95448504	0.000405	0.04372	0.0004363	DYNC111(0)
rs462259	5	95018934	0.0004055	-0.0434	0.0003792	SPATA9(+0.22kb)
rs4792325	17	12960713	0.0004057	-0.04699	0.0005202	.
rs35416733	8	66480622	0.0004061	-0.06234	0.0003591	.
rs12547058	8	117663147	0.0004067	0.06558	0.0003867	EIF3H(0)
rs13262725	8	117661566	0.0004067	0.06558	0.0003867	EIF3H(0)
rs13277958	8	117659542	0.0004067	0.06558	0.0003867	EIF3H(0)
rs7820778	8	117666463	0.0004067	0.06558	0.0003867	EIF3H(0)
rs7843852	8	117676506	0.0004067	0.06558	0.0003867	EIF3H(0)
rs55719318	6	87450170	0.0004068	0.04444	0.0004273	.
rs7925640	11	98536658	0.0004076	0.05923	0.0003834	.
rs4489674	10	123028250	0.0004082	-0.04666	0.0003686	.
rs10069025	5	160580003	0.0004084	-0.05802	0.0004007	.
rs2182295	10	27111627	0.0004084	-0.0784	0.0004885	ABI1(0)
rs16920545	10	20776232	0.0004086	-0.1496	0.0004088	.
rs10035298	5	160584282	0.0004088	-0.07843	0.0003991	.
rs57059662	5	33217275	0.0004088	0.04741	0.0004727	.
rs10794595	10	124881502	0.0004091	0.04593	0.0003851	HMX3(-14.06kb)

rs2283	5	106773623	0.0004094	-0.04816	0.000455	EFNA5(0)
rs1467369	21	37314276	0.0004097	-0.04312	0.0003678	.
rs4813377	20	19851466	0.0004098	-0.05422	0.0004496	RIN2(-18.74kb)
rs9572719	13	71905517	0.0004102	-0.1071	0.0003559	.
rs12262668	10	20781070	0.0004104	-0.1533	0.0004068	.
rs2800810	10	34208739	0.0004105	-0.1048	0.0006162	.
rs11216415	11	98545163	0.0004115	0.06154	0.0003637	.
rs16946923	16	78001164	0.000412	-0.07181	0.0004106	KIAA1576(0)
rs8130297	21	33584784	0.0004121	0.04529	0.0004105	.
rs7827091	8	140812044	0.0004123	-0.0431	0.0005259	NIBP(0)
rs1697422	1	21821897	0.0004124	-0.04201	0.0004616	NBPF3(+10.5kb) ALPL(-13.96kb)
rs10096134	8	117663998	0.0004127	0.06757	0.0004093	EIF3H(0)
rs13360939	5	58213901	0.0004132	-0.09032	0.0004206	.
rs212995	5	95024273	0.0004134	-0.0434	0.0004031	SPATA9(+5.559kb)
rs6473595	8	52229959	0.0004143	0.0498	0.0004915	PXDNL(-2.177kb)
rs1415599	13	38524751	0.0004152	-0.06122	0.0004952	.
rs2706882	7	95436549	0.0004157	-0.04333	0.0003981	DYNC1I1(0)
rs621252	11	94807151	0.0004162	0.04334	0.000437	SFRS2B(+2.763kb) ENDOD1(-15.87kb)
rs6833920	4	37664319	0.0004166	-0.05659	0.0004587	RELL1(0)
rs10887959	10	91181853	0.0004171	-0.04933	0.0003999	SLC16A12(-8.202kb) IFIT5(+1.1kb)
rs1799036	7	95469152	0.0004186	0.0502	0.0003924	DYNC1I1(0)
rs2877309	5	33353780	0.0004186	0.0449	0.0003537	.
rs6922077	6	31163791	0.0004188	-0.05236	0.0005017	HCG27(-1.807kb)
rs7833054	8	117681031	0.000419	0.06603	0.0003902	EIF3H(0)
rs6876898	5	156670047	0.0004199	-0.04932	0.0004565	ITK(0)
rs2076136	22	50509196	0.0004205	0.06165	0.0004452	TTLL8(+16.14kb) MLC1(0) MOV10L1(
rs1030619	18	39455550	0.0004207	-0.04298	0.0005604	.
rs4335153	8	117651448	0.0004207	0.06582	0.000394	EIF3H(-5.606kb)
rs1403274	2	57574645	0.0004208	-0.06535	0.0003366	.
rs680673	11	94803043	0.0004209	0.04305	0.0004629	SFRS2B(0) ENDOD1(-19.97kb)
rs11779641	8	54502928	0.0004214	0.04821	0.0004502	.
rs10051446	5	124235496	0.0004216	-0.06971	0.0003896	.
rs7583812	2	221168376	0.0004222	-0.05325	0.0004805	.
rs9621357	22	32275852	0.0004222	0.0627	0.0003941	DEPDC5(0)
rs59428058	8	55346340	0.0004223	-0.1719	0.0003873	.
rs6998563	8	55344717	0.0004223	-0.1719	0.0003873	.
rs7726033	5	3792631	0.0004231	0.08849	0.0004314	.
rs269221	7	140276622	0.0004236	-0.04298	0.000541	DENND2A(0)
rs34524980	1	87711174	0.0004239	0.04619	0.0003556	.
rs136740	22	45928324	0.0004242	0.06641	0.0004001	FBLN1(0)
rs4713647	6	33608379	0.0004244	0.1834	0.0004683	ITPR3(0)
rs12955710	18	57174036	0.0004246	0.1712	0.0005027	CCBE1(0)
rs13380730	16	89630092	0.0004252	-0.05909	0.0004058	SPG7(+5.918kb) RPL13(+0.244kb) C
rs10052111	5	58207115	0.0004254	-0.05066	0.0004367	.
rs11203072	10	91094538	0.0004254	-0.08808	0.0004099	IFIT3(0)
rs6730025	2	3163738	0.0004259	-0.0496	0.0003815	.
rs136739	22	45928147	0.000426	0.06632	0.0004005	FBLN1(0)

rs28397300	6	31209301	0.0004261	-0.05933	0.0004435	.
rs1918709	7	84929668	0.0004262	0.04424	0.0004286	.
rs12547115	8	138201113	0.000427	-0.1169	0.0005566	.
rs9696627	9	91280173	0.0004271	-0.04409	0.0003587	LOC286238(+13.1kb)
rs9297696	8	125629674	0.0004273	-0.06269	0.0004427	MTSS1(0)
rs10078386	5	124253737	0.0004274	-0.0694	0.0003706	.
rs10060855	5	33216769	0.0004277	0.04734	0.000493	.
rs993468	2	66095536	0.0004279	0.05778	0.0005071	.
rs2000577	11	134683861	0.000428	-0.06015	0.0003852	.
rs12286813	11	7971373	0.0004281	0.05917	0.0004901	OR10A3(+10.31kb) NLRP10(-9.782kb)
rs2824767	21	19729066	0.0004286	0.05518	0.0003761	PRSS7(0)
rs11889641	2	5395103	0.0004305	0.04433	0.0004848	.
rs1453763	2	5395104	0.0004305	0.04433	0.0004848	.
rs6592051	11	82257899	0.0004306	-0.04688	0.0005114	.
rs16861642	3	148943028	0.000431	-0.04645	0.0004874	CP(+3.196kb)
rs7074985	10	123024888	0.000431	-0.07833	0.0003757	.
rs17805963	2	57571124	0.0004317	0.1031	0.000342	.
rs2254303	6	43276390	0.0004317	-0.06833	0.0004618	SLC22A7(+3.114kb) CRIP3(0)
rs34418395	1	119238070	0.0004317	0.04215	0.0003746	.
rs6874130	5	137618925	0.0004319	0.051	0.0004493	GFRA3(+8.672kb) CDC25C(-2.033kb)
rs1422133	5	95010783	0.000432	-0.04303	0.0003919	SPATA9(0) RFESD(+17.94kb)
rs6558872	8	4238139	0.000432	-0.04254	0.0004018	CSMD1(0)
rs6986048	8	66647985	0.000432	-0.06384	0.0003911	PDE7A(0)
rs13355489	5	156664822	0.0004324	-0.05827	0.0004735	ITK(0)
rs6901685	6	31163796	0.0004326	-0.05265	0.0005287	HCG27(-1.802kb)
rs6660819	1	225598675	0.0004328	0.1324	0.0003648	LBR(0)
rs11216134	11	98474850	0.000433	0.05876	0.0003634	.
rs6927253	6	31164472	0.0004333	-0.05226	0.0005236	HCG27(-1.126kb)
rs2732721	7	84916178	0.0004335	0.04411	0.0004302	.
rs9829792	3	170496237	0.0004338	0.05437	0.00038	.
rs4091085	11	98537502	0.0004345	0.05995	0.0004019	.
rs62480073	8	3754953	0.0004349	-0.1499	0.0004653	CSMD1(0)
rs62480074	8	3755270	0.0004349	-0.1499	0.0004653	CSMD1(0)
rs56097049	4	170926430	0.0004353	-0.09662	0.0004972	MFAP3L(0)
rs62542094	9	4561988	0.0004354	-0.05161	0.0004582	SLC1A1(0)
rs12709089	16	89630311	0.0004362	-0.06338	0.0004016	SPG7(+6.137kb) RPL13(+0.463kb) C
rs9576424	13	38604392	0.0004362	-0.05963	0.0005002	.
rs7966817	12	71858436	0.0004369	-0.06762	0.0004882	LGR5(0)
rs62544419	9	26538077	0.0004371	0.1655	0.0004998	.
rs6833516	4	37664142	0.0004375	-0.05562	0.0005259	RELL1(0)
rs4265539	10	123024694	0.0004376	-0.04643	0.0003801	.
rs62026605	15	91812545	0.000438	-0.068	0.0004876	SV2B(0)
rs2024766	1	184653633	0.0004382	-0.04257	0.0005646	EDEM3(-5.991kb)
rs2552032	2	36507446	0.000439	0.0442	0.0003352	.
rs9576441	13	38654527	0.0004396	-0.07194	0.0005239	.
rs4233740	2	29758503	0.0004397	-0.07157	0.0004425	ALK(0)
rs2376140	8	54454971	0.0004405	-0.06526	0.0003653	.

rs2889302	8	54455001	0.0004405	-0.06526	0.0003653	.
rs7465454	8	54454637	0.0004405	-0.09862	0.0003653	.
rs9829801	3	62785301	0.0004405	-0.09862	0.0004776	CADPS(0)
rs9867095	3	62785304	0.0004405	-0.09862	0.0004776	CADPS(0)
rs1337611	13	38465963	0.0004415	-0.06465	0.0004868	.
rs6960620	7	25528457	0.0004418	0.06016	0.0003672	.
rs10949397	6	17048176	0.0004427	0.04401	0.000423	.
rs12693158	2	179162350	0.0004427	0.08506	0.0004645	OSBPL6(0)
rs35691438	3	148940672	0.0004431	-0.06758	0.0005241	CP(+0.84kb)
rs730264	16	89620148	0.0004433	-0.05664	0.0004344	SPG7(0) RPL13(-6.941kb)
rs7185055	16	77993025	0.000444	-0.07261	0.0004316	KIAA1576(0)
rs12043236	1	184685197	0.0004441	-0.04292	0.0005517	EDEM3(0)
rs2207733	1	184687715	0.0004441	-0.04292	0.0005517	EDEM3(0)
rs4469687	1	184679019	0.0004441	-0.04292	0.0005517	EDEM3(0)
rs61222848	1	225591493	0.0004445	0.1321	0.000375	LBR(0)
rs1585738	7	95467986	0.0004449	0.04458	0.0004256	DYNC1I1(0)
rs4476502	3	170499426	0.0004452	0.05435	0.0003845	.
rs11216355	11	98530365	0.0004461	0.05497	0.0004052	.
rs4833932	4	124546398	0.0004463	-0.08404	0.0004244	.
rs10892006	11	98462500	0.0004466	0.04982	0.0004303	.
rs11216362	11	98532118	0.0004469	0.05899	0.0004079	.
rs11216363	11	98532199	0.0004469	0.05899	0.0004079	.
rs7295176	12	115859196	0.0004473	-0.04977	0.0003852	.
rs620343	11	94807347	0.0004487	0.0429	0.0004705	SFRS2B(+2.959kb) ENDOD1(-15.67kb)
rs622189	11	94806931	0.0004487	0.0429	0.0004705	SFRS2B(+2.543kb) ENDOD1(-16.09kb)
rs623662	11	94806942	0.0004487	0.0429	0.0004705	SFRS2B(+2.554kb) ENDOD1(-16.07kb)
rs1508857	5	33357771	0.0004493	0.04953	0.0003873	.
rs6586183	10	91091503	0.0004501	-0.0511	0.0004541	IFIT3(0)
rs2106607	17	67890836	0.0004502	-0.0563	0.0004807	.
rs6495795	15	29887420	0.0004504	-0.06858	0.0004223	.
rs12709088	16	89630212	0.0004505	-0.04989	0.0004258	SPG7(+6.038kb) RPL13(+0.364kb) C
rs34549867	12	115857240	0.0004505	-0.05934	0.0003869	.
rs1326721	13	75056748	0.0004506	-0.04234	0.0004076	.
rs4339948	10	91092850	0.0004507	-0.04916	0.0004232	IFIT3(0)
rs2524185	6	30424394	0.0004511	-0.04382	0.0005685	.
rs2886551	17	67890407	0.0004521	-0.05642	0.0004655	.
rs668402	7	140264022	0.0004521	-0.05642	0.0005923	DENND2A(0)
rs739549	17	67889474	0.0004521	-0.05642	0.0004655	.
rs9914815	17	67892488	0.0004521	-0.04285	0.0004655	.
rs758335	16	2011126	0.0004523	0.05547	0.0005073	TBL3(-10.94kb) SEPX1(+17.83kb) R
rs4237591	11	98466268	0.0004525	0.04552	0.0003963	.
rs16888833	5	58208230	0.0004526	-0.08761	0.0004632	.
rs12230935	12	40782188	0.0004531	-0.06284	0.000402	LRRK2(+19.1kb)
rs62026634	15	91819997	0.0004533	-0.06581	0.0004726	SV2B(0)
rs4629900	8	117767621	0.0004539	0.06547	0.0004429	UTP23(-11.12kb) EIF3H(0)
rs17290147	5	58223087	0.0004544	-0.09003	0.0004533	.
rs12587393	14	86778413	0.0004546	0.06451	0.0004945	.

rs269220	7	140276997	0.0004549	-0.04277	0.0005876	DENND2A(0)
rs12634749	3	169306001	0.0004556	-0.08286	0.0004241	MDS1(0)
rs6555556	5	873798	0.0004556	0.06688	0.0005149	TRIP13(-19.2kb) BRD9(0)
rs6592663	11	76421615	0.0004559	-0.05336	0.0004889	.
rs1116589	16	77980560	0.000456	-0.06114	0.0005166	KIAA1576(0)
rs34090104	6	31241353	0.000456	-0.06114	0.0005419	HLA-C(+1.498kb)
rs34412589	16	77980894	0.000456	-0.06114	0.0005166	KIAA1576(0)
rs35369372	16	77980891	0.000456	-0.06064	0.0005166	KIAA1576(0)
rs4338122	8	51557540	0.0004561	0.06073	0.0005038	SNTG1(0)
rs2833711	21	33563334	0.0004565	0.0436	0.0004648	.
rs2105346	6	87366748	0.0004566	-0.04373	0.0005385	.
rs62987162	6	31167696	0.0004578	-0.05202	0.0005417	HCG27(0)
rs2732719	7	84917599	0.0004579	0.04387	0.0004583	.
rs2732720	7	84916232	0.0004579	0.04387	0.0004583	.
rs10097749	8	52184121	0.0004581	0.05006	0.0005148	.
rs11725630	4	138255735	0.0004586	-0.0491	0.0004447	.
rs13107703	4	138256592	0.0004586	-0.0491	0.0004447	.
rs1018881	17	67884845	0.0004592	-0.05654	0.0004894	.
rs6430823	2	139836688	0.0004593	-0.05584	0.0004898	.
rs7026216	9	8223300	0.0004595	0.06126	0.0004507	.
rs34795598	18	29848028	0.0004599	-0.1153	0.0004326	FAM59A(0)
rs28397282	6	31165846	0.0004603	-0.07765	0.0005575	HCG27(0)
rs3755641	3	148941898	0.0004603	-0.07765	0.0005157	CP(+2.066kb)
rs3755644	3	148941516	0.0004603	-0.05187	0.0005157	CP(+1.684kb)
rs12021645	1	146716517	0.0004606	-0.08405	0.0005861	FMO5(+19.59kb) CHD1L(0)
rs35624930	6	31272251	0.000461	-0.06231	0.0005456	.
rs518206	7	140270928	0.0004613	0.04739	0.0005983	DENND2A(0)
rs7231955	18	68372215	0.0004613	-0.04269	0.0005389	.
rs3787590	21	19729121	0.0004615	0.05488	0.0004028	PRSS7(0)
rs61792360	3	170806645	0.0004618	-0.08451	0.0004913	TNIK(0)
rs1493914	18	31362327	0.0004619	0.04313	0.0004209	.
rs34766867	1	100253667	0.0004632	-0.09728	0.0004466	.
rs4257245	17	67880236	0.0004636	-0.05694	0.0004946	.
rs11977054	7	156555475	0.000464	0.0619	0.0004253	LMBR1(0)
rs587868	11	94795755	0.0004641	0.04225	0.0005374	SFRS2B(-4.3kb)
rs17235583	3	112330327	0.0004645	-0.07006	0.0005222	CCDC80(0)
rs131251	22	32130249	0.0004651	0.08233	0.0005193	DEPDC5(-19.82kb)
rs6473931	8	55366858	0.0004652	-0.1724	0.0004315	SOX17(-3.636kb)
rs6473932	8	55367143	0.0004652	-0.1724	0.0004315	SOX17(-3.351kb)
rs7220240	17	67882899	0.0004662	-0.05649	0.0004997	.
rs4854106	2	3213822	0.0004664	-0.1157	0.0005948	TSSC1(0)
rs3737740	1	47000596	0.0004668	0.05163	0.0005361	KNCN(-10.72kb)
rs11564239	12	40826116	0.0004676	-0.06406	0.000402	.
rs629494	7	138644343	0.0004676	0.05115	0.0005687	.
rs12801743	11	129810866	0.0004677	0.1289	0.0005015	PRDM10(0)
rs1420143	7	29548324	0.0004677	0.04406	0.0005246	CHN2(0)
rs6716156	2	179165635	0.000468	0.04343	0.0004557	OSBPL6(0)

rs7858819	9	4559892	0.000468	-0.05107	0.0004951	SLC1A1(0)
rs35885078	3	148932169	0.00047	-0.08114	0.0005288	CP(0)
rs62238930	22	32288524	0.0004701	0.06186	0.0004432	DEPDC5(0)
rs133417	22	35806815	0.0004706	-0.09466	0.0004776	MCM5(0) HMOX1(+16.62kb)
rs10874647	1	103169651	0.0004707	0.0908	0.0003604	.
rs10874648	1	103172941	0.0004707	0.0908	0.0003604	.
rs12021806	1	103171297	0.0004707	0.0908	0.0003604	.
rs12032539	1	103166354	0.0004707	0.0908	0.0003604	.
rs12046352	1	103171599	0.0004707	0.0908	0.0003604	.
rs10815024	9	4562992	0.0004712	-0.05143	0.0004584	SLC1A1(0)
rs11995300	8	125628928	0.0004717	0.05075	0.0004963	MTSS1(0)
rs13255431	8	51556169	0.0004717	-0.06185	0.0004844	SNTG1(0)
rs4457069	5	137619591	0.0004717	0.06354	0.000484	GFRA3(+9.338kb) CDC25C(-1.367kb)
rs13084615	3	112338027	0.0004725	-0.06849	0.0005446	CCDC80(0)
rs305465	1	88184653	0.0004733	-0.05567	0.0003897	.
rs10066704	5	58207012	0.0004734	-0.08732	0.0004833	.
rs16915972	8	52195089	0.0004736	0.04874	0.0005599	.
rs947689	15	94369529	0.0004737	-0.05671	0.0004722	.
rs10948071	6	43280713	0.0004738	0.04239	0.0004922	SLC22A7(+7.437kb) CRIP3(+4.183kb)
rs1267304	1	46990426	0.0004741	0.05075	0.0005228	DMBX1(+10.54kb)
rs2217988	8	52235426	0.0004741	0.04901	0.0005845	PXDNL(0)
rs7839630	8	52235495	0.0004741	0.04901	0.0005845	PXDNL(0)
rs9380223	6	31168588	0.0004743	-0.05189	0.0005584	HCG27(0)
rs1816630	8	52235700	0.0004745	0.04908	0.0005774	PXDNL(0)
rs2409834	8	11677524	0.0004746	-0.05878	0.0004877	FDFT1(0)
rs4146532	7	95471284	0.0004756	0.0444	0.0004574	DYNC1I1(0)
rs17641597	4	163052526	0.0004764	-0.1224	0.000475	FSTL5(0)
rs7843514	8	118454438	0.0004764	0.0471	0.0005589	.
rs7098207	10	8686095	0.0004768	-0.05208	0.0004643	.
rs712491	14	25281843	0.0004782	0.04603	0.0004981	STXBP6(0)
rs1818823	2	57548696	0.0004792	-0.06428	0.0003908	.
rs7161599	14	22638978	0.0004793	-0.04276	0.0004812	.
rs8007876	14	22636029	0.0004793	-0.04276	0.0004812	.
rs12627	11	94802620	0.0004801	0.04195	0.0005578	SFRS2B(0)
rs4783645	16	66580328	0.0004802	0.1418	0.0004948	TK2(0) CMTM1(-19.96kb) CKLF(-6.1
rs1677842	7	95468305	0.0004804	0.04438	0.0004535	DYNC1I1(0)
rs57738355	16	77993551	0.0004808	-0.07063	0.0004829	KIAA1576(0)
rs2774974	7	138642348	0.000481	0.04665	0.0005155	.
rs9576422	13	38602174	0.0004811	-0.06218	0.0005512	.
rs6981074	8	52185637	0.0004816	0.04866	0.0005777	.
rs9978000	21	33548822	0.0004818	0.04371	0.0004754	.
rs8084589	18	68371755	0.0004828	0.04739	0.0005589	.
rs6663574	1	213083136	0.0004829	-0.05223	0.0004845	FLVCR1(+14.38kb)
rs11672177	19	18802770	0.0004833	0.0693	0.00043	CRTC1(0)
rs2769037	9	138545947	0.0004833	0.0436	0.0004874	LCN9(-9.22kb) GLT6D1(+14.56kb)
rs34255701	6	31241600	0.0004835	-0.06037	0.0005748	HLA-C(+1.745kb)
rs11623687	14	25323918	0.0004837	0.04981	0.0004969	STXBP6(0)

rs9380220	6	31146584	0.0004837	-0.05462	0.0005384	TCF19(+14.59kb) POU5F1(+8.133kb)
rs6922756	6	31164410	0.0004843	-0.05177	0.0005853	HCG27(-1.188kb)
rs6922994	6	31164271	0.0004843	-0.05177	0.0005853	HCG27(-1.327kb)
rs7200530	16	77981548	0.0004844	-0.06085	0.00055	KIAA1576(0)
rs7202718	16	77981952	0.0004844	-0.06085	0.00055	KIAA1576(0)
rs7203646	16	77982068	0.0004844	-0.06085	0.00055	KIAA1576(0)
rs11836783	12	94997903	0.0004845	0.1851	0.0004846	TMCC3(0)
rs13254671	8	51556262	0.0004852	0.06344	0.0005005	SNTG1(0)
rs17096301	10	91096117	0.000486	-0.04901	0.0004552	IFIT3(0)
rs10958257	8	52202900	0.0004862	0.04862	0.0005767	.
rs11989863	8	52196355	0.0004862	0.04862	0.0005767	.
rs12542002	8	52204474	0.0004862	0.04862	0.0005767	.
rs2083084	8	52209371	0.0004862	0.04862	0.0005767	.
rs2083085	8	52209321	0.0004862	0.04862	0.0005767	.
rs6992933	8	52197083	0.0004862	0.04862	0.0005767	.
rs7010738	8	52201998	0.0004862	0.04862	0.0005767	.
rs7010916	8	52202145	0.0004862	0.04862	0.0005767	.
rs7028348	9	138546905	0.0004865	0.04359	0.0004886	LCN9(-8.262kb) GLT6D1(+15.52kb)
rs9694429	8	54453200	0.000487	-0.1004	0.0004184	.
rs9694430	8	54453205	0.000487	-0.1004	0.0004184	.
rs11898165	2	162668902	0.0004872	-0.137	0.0005256	SLC4A10(0)
rs28464305	3	169313608	0.0004878	-0.08266	0.0004483	MDS1(0)
rs4276245	4	177805098	0.0004879	0.04225	0.0003847	.
rs616952	11	94791575	0.0004879	0.0565	0.0005671	SFRS2B(-8.48kb)
rs719205	3	189916935	0.000488	0.06528	0.0004798	.
rs12223935	11	98473159	0.0004882	0.0595	0.0004015	.
rs10902509	12	132687184	0.0004892	0.0423	0.0006084	.
rs3796741	4	8388817	0.0004894	-0.1198	0.000479	ACOX3(0)
rs12542121	8	52218176	0.0004895	-0.06334	0.0005791	PXDNL(-13.96kb)
rs61605216	2	57484244	0.0004895	0.04864	0.0004077	.
rs1935597	6	87366519	0.0004897	-0.04324	0.0005815	.
rs2324953	6	87367230	0.0004897	-0.04324	0.0005815	.
rs6472147	8	65612697	0.0004898	-0.04276	0.0005023	CYP7B1(0)
rs2065082	6	106596453	0.0004899	0.05192	0.0005271	.
rs10058291	5	58194892	0.0004904	-0.08913	0.0005019	.
rs1093512	13	38592416	0.000491	-0.06222	0.0005999	.
rs55973026	18	57142903	0.0004914	0.1765	0.0005819	CCBE1(0)
rs2877994	1	184649939	0.0004915	-0.04319	0.0006506	EDEM3(-9.685kb)
rs1956816	14	27305789	0.0004924	0.04535	0.0004788	.
rs58357998	17	71050300	0.0004927	-0.07266	0.00052	SLC39A11(0)
rs7184458	16	77992723	0.0004927	-0.1162	0.0004782	KIAA1576(0)
rs7903512	10	87251813	0.0004929	-0.04789	0.0005355	.
rs10521159	17	9562546	0.0004936	0.05668	0.0004452	WDR16(+15.77kb) USP43(0)
rs7014864	8	52202029	0.0004939	0.05028	0.0005723	.
rs10497728	2	193058079	0.0004942	-0.07158	0.0004673	TMEFF2(0)
rs9425341	1	184659318	0.0004946	-0.04335	0.0006023	EDEM3(-0.306kb)
rs12526089	6	22603292	0.0004956	0.04474	0.0005822	.

rs12679470	8	5685339	0.000496	0.08719	0.0006065	.
rs12679487	8	5685472	0.000496	0.08719	0.0006065	.
rs58551870	8	5685903	0.000496	0.08719	0.0006065	.
rs10242326	7	25526887	0.0004961	0.05959	0.0004025	.
rs16861636	3	148935893	0.000497	-0.08192	0.0005475	CP(0)
rs1130552	6	31236643	0.0004971	-0.06076	0.0005868	HLA-C(0)
rs2283878	22	31620563	0.0004976	0.08736	0.0005097	RNF185(+17.56kb) LIMK2(0)
rs3780878	10	91099630	0.0004979	-0.0496	0.0004784	IFIT3(0)
rs17661131	7	126040897	0.000498	0.1344	0.0005638	.
rs16827403	1	41057570	0.0004992	-0.05748	0.0006278	.
rs10094879	8	52184167	0.0004994	-0.1577	0.0005966	.
rs10107148	8	52183779	0.0004994	0.04846	0.0005966	.
rs10751442	1	205634671	0.0004994	0.04846	0.0007576	SLC45A3(0)
rs7008365	8	52183635	0.0004994	0.04846	0.0005966	.
rs1546481	18	68372924	0.0004996	0.04719	0.0005629	.
rs62154872	2	98722540	0.0004996	0.05273	0.0004563	VWA3B(0)
rs10183890	2	201313788	0.0004999	0.1421	0.000529	LOC26010(0)
rs28379655	8	125624609	0.0004999	-0.05697	0.0004752	MTSS1(0)
rs6932070	6	31198896	0.0005001	-0.05753	0.00057	.
rs12766862	10	91092648	0.0005008	-0.04886	0.0004744	IFIT3(0)
rs1851516	2	57567456	0.000501	-0.06413	0.0003984	.
rs2017856	21	33583931	0.0005011	0.04428	0.0004994	.
rs762223	21	33583818	0.0005011	0.04428	0.0004994	.
rs7824324	8	754741	0.0005016	0.05506	0.0005283	.
rs7838145	8	754576	0.0005016	0.05506	0.0005283	.
rs4471760	18	31374233	0.0005018	0.04289	0.000456	.
rs6507062	18	31374197	0.0005018	0.04289	0.000456	.
rs62187561	2	162345318	0.0005022	0.1559	0.0005287	.
rs13212447	6	22573587	0.0005026	-0.07582	0.0004699	HDGFL1(+2.837kb)
rs8021982	14	27306782	0.0005027	0.04999	0.0004648	.
rs12126231	1	184698816	0.0005035	-0.04326	0.0006617	EDEM3(0)
rs1018616	13	106041779	0.0005046	0.04562	0.000427	.
rs1411705	1	87728263	0.0005046	0.05076	0.0004243	.
rs7829187	8	91586295	0.0005051	0.1369	0.0005259	.
rs956695	12	966793	0.0005052	0.08079	0.0005738	WNK1(0) HSN2(-10.08kb)
rs1837086	8	52226662	0.0005058	0.0496	0.0005954	PXDNL(-5.474kb)
rs7524253	1	47002086	0.0005064	0.05277	0.0006081	KNCN(-9.229kb)
rs7721682	5	34529536	0.0005064	0.05614	0.0006647	.
rs2402581	7	121250594	0.000508	-0.1642	0.0005481	.
rs11216039	11	98459127	0.0005082	0.04481	0.0004467	.
rs35246584	2	221177058	0.0005082	-0.05235	0.0005948	.
rs28885418	6	87428051	0.0005084	0.04422	0.0005113	.
rs2286466	16	2014283	0.0005087	0.05571	0.0005235	TBL3(-7.78kb) RPS2(0) RPL3L(+9.6
rs17051006	4	131313275	0.000509	0.2127	0.0005255	.
rs12025784	1	103175509	0.0005091	0.0905	0.0003865	.
rs12036255	1	103175394	0.0005091	0.0905	0.0003865	.
rs16861634	3	148931524	0.0005092	-0.08083	0.0005715	CP(0)

rs12760321	1	213083261	0.0005095	-0.05192	0.0005103	FLVCR1(+14.51kb)
rs6670699	1	46997270	0.0005095	0.05114	0.0005752	KNCN(-14.04kb) DMBX1(+17.38kb)
rs11995946	8	91591863	0.0005098	0.1351	0.000531	.
rs1820371	4	124547335	0.0005102	-0.08291	0.0004844	.
rs13360226	5	58212141	0.0005104	-0.08818	0.0005248	.
rs2732722	7	84913449	0.0005104	0.04354	0.0005144	.
rs17656918	2	221172846	0.0005113	-0.05232	0.0005987	.
rs28360064	6	31162384	0.0005113	-0.05149	0.0006118	HCG27(-3.214kb)
rs6899874	6	31162328	0.0005113	-0.05149	0.0006118	HCG27(-3.27kb)
rs9689919	6	87361541	0.0005113	-0.04311	0.0006081	.
rs1227515	7	95458682	0.0005117	0.04581	0.0004872	DYNC111(0)
rs9445508	6	66050937	0.0005117	-0.04388	0.000564	EGFL11(0)
rs17656925	2	221174809	0.0005121	-0.05229	0.0006016	.
rs7563282	2	221175093	0.0005121	-0.05229	0.0006016	.
rs7590045	2	221175133	0.0005121	-0.05229	0.0006016	.
rs34626625	3	148930079	0.0005122	-0.08054	0.0005806	CP(0)
rs11588475	1	223912906	0.0005154	0.1022	0.0004533	CAPN2(0)
rs6900627	6	22570245	0.0005164	-0.0463	0.000487	HDGFL1(0)
rs7463233	8	755950	0.0005165	0.05567	0.0005393	.
rs11031570	11	32092617	0.0005173	0.06666	0.0005572	.
rs1922333	7	95441331	0.0005179	-0.04331	0.0004947	DYNC111(0)
rs282696	4	59424561	0.000519	0.04323	0.0004474	.
rs35682273	8	117796958	0.0005192	0.05078	0.0004488	UTP23(+12.76kb)
rs1004547	12	114940874	0.0005199	-0.1592	0.0005106	.
rs17734108	12	114940278	0.0005199	-0.1592	0.0005106	.
rs6844311	4	94721747	0.0005205	0.04381	0.0004715	.
rs10493966	1	102421714	0.0005206	-0.04348	0.0005325	OLFM3(0)
rs12429591	13	105259730	0.0005212	-0.04538	0.000529	.
rs1891438	6	87369418	0.0005213	-0.04309	0.0006242	.
rs4706279	6	87444225	0.0005214	0.04351	0.0005349	.
rs1765783	1	231713396	0.0005221	0.1652	0.0006173	TSNAX(+11.13kb)
rs2064605	1	184708618	0.0005223	-0.04389	0.0006485	EDEM3(0)
rs10086759	8	91585987	0.0005225	0.1357	0.0005445	.
rs4873533	8	52185407	0.0005227	0.04832	0.0006229	.
rs62182830	2	149065918	0.0005228	0.09867	0.000572	.
rs9829730	3	170496031	0.000523	0.0538	0.0004553	.
rs10110	9	140449582	0.0005236	-0.1024	0.0004341	WDR85(0) PNPLA7(+4.596kb) MRPL41
rs11221986	11	130024945	0.0005236	0.05118	0.0006402	ST14(-4.736kb) APLP2(+10.24kb)
rs17142701	6	6936661	0.0005237	-0.1441	0.0005227	.
rs34759235	8	27071936	0.0005241	-0.06905	0.0005143	.
rs12567226	1	184678290	0.0005253	-0.04309	0.0006926	EDEM3(0)
rs12986801	2	241440020	0.0005265	-0.04298	0.0005382	ANKMY1(0)
rs2743610	6	19589595	0.0005268	0.0605	0.000465	.
rs4568978	11	98528045	0.0005268	-0.08219	0.0004642	.
rs941596	14	94814999	0.0005273	-0.04232	0.00055	.
rs10509571	10	91092558	0.0005283	-0.04862	0.0004978	IFIT3(0)
rs12761409	10	18414778	0.0005288	0.05561	0.0005946	CACNB2(-14.83kb)

rs7017403	8	52236652	0.000529	0.04876	0.0006419	PXDNL(0)
rs7997063	13	71899415	0.0005297	-0.1054	0.0004702	.
rs11216154	11	98481208	0.00053	0.05846	0.0004701	.
rs1018486	22	31992249	0.0005304	0.08978	0.0005259	SFI1(0)
rs10103696	8	91587103	0.0005305	0.1347	0.0005516	.
rs10112324	8	91589058	0.0005305	0.1347	0.0005516	.
rs11986773	8	91588192	0.0005305	0.1347	0.0005516	.
rs11989024	8	91587326	0.0005305	0.1347	0.0005516	.
rs11997371	8	91588186	0.0005305	0.1347	0.0005516	.
rs57435451	8	91589281	0.0005305	0.1347	0.0005516	.
rs61206785	8	91589535	0.0005305	0.1347	0.0005516	.
rs12512991	4	163071443	0.0005312	-0.1025	0.00051	FSTL5(0)
rs13435025	4	37664798	0.0005313	-0.05466	0.0006345	RELL1(0)
rs6919440	6	43352898	0.0005316	0.0416	0.0005186	ZNF318(+15.72kb)
rs17775174	16	89617518	0.0005322	-0.05582	0.0005188	SPG7(0) RPL13(-9.571kb)
rs61791158	3	170805604	0.0005334	-0.07592	0.0005835	TNIK(0)
rs2050279	13	71900359	0.0005335	-0.1054	0.0004723	.
rs4300874	2	57485535	0.0005339	-0.06294	0.0004442	.
rs7563067	2	221174954	0.000534	-0.05225	0.0006368	.
rs9514296	13	105247086	0.0005341	0.04729	0.0004826	.
rs2017901	21	33584340	0.0005342	0.04425	0.0005365	.
rs774414	6	113589691	0.0005345	0.1041	0.0005621	.
rs4534926	18	31349072	0.0005346	0.04268	0.0004949	.
rs10936649	3	170501343	0.0005347	0.05361	0.0004627	.
rs6691351	1	162813583	0.0005349	-0.04338	0.0005608	C1orf110(-10.5kb)
rs12781453	10	91140869	0.000535	-0.0475	0.0005555	IFIT1L(0) IFIT1(-11.45kb)
rs28679737	8	54514925	0.0005354	-0.09732	0.0004597	.
rs7131729	12	132663423	0.000536	0.0459	0.0006881	.
rs6590484	11	99857955	0.0005361	-0.04356	0.0004971	CNTN5(0)
rs10429492	9	26547991	0.0005362	-0.06052	0.0006026	.
rs61316312	8	66512414	0.0005362	0.1044	0.0004717	ARMC1(-2.659kb)
rs4875098	8	4218037	0.0005368	0.04587	0.0005511	CSMD1(0)
rs1018880	17	67884961	0.0005371	-0.05695	0.0005728	.
rs12661297	6	144087309	0.0005375	-0.04435	0.0004966	PHACTR2(0)
rs7814694	8	40885193	0.0005379	-0.1889	0.0008203	.
rs6489903	12	114058511	0.0005386	-0.04377	0.0005041	.
rs2896022	22	44434950	0.0005393	-0.0421	0.0007088	PARVB(0)
rs11161963	1	87735103	0.0005396	0.04505	0.0004649	.
rs12463087	19	33606692	0.0005397	-0.07082	0.0006406	WDR88(-16.3kb) GPATCH1(0)
rs8111153	19	33606056	0.0005397	-0.07082	0.0006406	WDR88(-16.94kb) GPATCH1(0)
rs8111272	19	33606105	0.0005397	-0.07082	0.0006406	WDR88(-16.89kb) GPATCH1(0)
rs1386470	8	128047588	0.0005398	0.087	0.0005406	.
rs1213854	1	119205175	0.0005408	0.07459	0.0004402	.
rs1213855	1	119205244	0.0005408	0.07459	0.0004402	.
rs1742851	1	119208589	0.0005408	0.07459	0.0004402	.
rs2712303	1	119208388	0.0005408	0.07459	0.0004402	.
rs7009706	8	54507516	0.000541	-0.09732	0.0004546	.

rs7833849	8	52200047	0.0005411	0.04927	0.0006228	.
rs9366769	6	31169289	0.0005415	-0.05134	0.0006472	HCG27(0)
rs2743605	6	19571592	0.0005418	-0.04308	0.0004854	.
rs2817279	6	19573444	0.0005418	-0.08388	0.0004854	.
rs6871090	5	95133586	0.0005418	-0.08388	0.0005329	RHOBTB3(+1.515kb) GLRX(-15.97kb)
rs557424	3	170469837	0.0005422	0.05457	0.0004582	.
rs2169690	8	54456315	0.0005423	-0.09677	0.0004507	.
rs2376139	8	54455670	0.0005423	-0.09677	0.0004507	.
rs57062325	8	54474014	0.0005423	-0.09677	0.0004507	.
rs6473845	8	54457242	0.0005423	-0.09677	0.0004507	.
rs6983427	8	54458669	0.0005423	-0.09677	0.0004507	.
rs7220878	17	67883260	0.0005425	-0.05577	0.0005593	.
rs9872272	3	189917949	0.0005426	0.06472	0.0005314	.
rs1837089	8	52205904	0.0005428	0.04828	0.0006503	.
rs1895975	12	114064351	0.0005429	-0.043	0.0005108	.
rs7635759	3	169309227	0.0005431	-0.08101	0.0005078	MDS1(0)
rs10484331	6	8995233	0.0005435	0.04786	0.0006258	.
rs7017421	8	52236676	0.0005435	0.04858	0.0006616	PXDNL(0)
rs10461324	4	188186955	0.0005436	0.04413	0.0005882	.
rs12038392	1	103107137	0.0005439	0.08722	0.0004079	.
rs7225840	17	67884028	0.0005442	-0.06025	0.0005794	.
rs2421470	5	156651721	0.0005443	-0.05955	0.0005998	ITK(0)
rs2016929	12	114942172	0.0005454	-0.1587	0.0005314	.
rs35482069	6	31236231	0.0005454	-0.05979	0.0006549	HLA-C(-0.297kb)
rs4442098	8	11677110	0.0005458	-0.05837	0.00056	FDFT1(0)
rs1293318	8	11691310	0.0005465	0.0631	0.0006137	FDFT1(0) CTSB(-8.723kb)
rs726080	4	55486815	0.0005465	-0.05551	0.0006174	.
rs7955777	12	85993325	0.0005467	0.1575	0.0005402	.
rs1551386	2	221215935	0.0005475	-0.2012	0.0005794	.
rs60959907	10	123176860	0.0005475	-0.04766	0.0005777	.
rs6586188	10	91109343	0.0005475	-0.06067	0.0005258	IFIT3(+9.027kb)
rs17191181	6	31171876	0.0005477	-0.05732	0.0006108	HCG27(+0.131kb)
rs35801917	3	41623750	0.000549	-0.04633	0.0005564	ULK4(0)
rs6585716	10	123029769	0.000549	0.0555	0.0004932	.
rs974654	17	67866666	0.0005493	-0.05698	0.0005609	.
rs4873192	8	52223866	0.0005499	0.05155	0.0006381	PXDNL(-8.27kb)
rs9354267	6	66305898	0.0005499	0.04996	0.0005469	EGFL11(+16.2kb)
rs61238582	7	25556565	0.0005506	0.0618	0.0004239	.
rs10751443	1	205634853	0.000551	-0.1579	0.0008338	SLC45A3(0)
rs11588450	1	47000996	0.0005513	0.05245	0.0006403	KNCN(-10.32kb)
rs6473593	8	52159913	0.0005515	0.04814	0.0006408	.
rs9975780	21	28051050	0.0005516	-0.1797	0.0005367	.
rs11203106	10	91154079	0.0005518	-0.04724	0.0005477	IFIT1L(+9.117kb) IFIT1(0)
rs3088140	8	117786603	0.0005518	0.06415	0.000539	UTP23(+2.406kb) EIF3H(+18.54kb)
rs11931225	4	124456589	0.0005519	0.04866	0.0005982	.
rs16863472	2	5389987	0.0005519	0.06265	0.0005605	.
rs9886720	9	4560348	0.0005528	-0.0503	0.0005934	SLC1A1(0)

rs9886808	9	4560135	0.0005528	-0.0503	0.0005934	SLC1A1(0)
rs10825632	10	57597795	0.000553	-0.05871	0.0005603	.
rs11940084	4	81491184	0.000553	-0.04474	0.0007457	C4orf22(0)
rs7813242	8	18035480	0.000553	-0.07891	0.0006388	.
rs9728828	1	41071978	0.000553	0.05583	0.0007169	RIMS3(-14.37kb)
rs8126620	21	33585670	0.0005539	0.04473	0.0005502	.
rs6999446	8	52229690	0.0005544	0.04863	0.0006638	PXDNL(-2.446kb)
rs6859673	5	118400830	0.0005547	-0.06104	0.0005756	DMXL1(-6.253kb)
rs36118255	6	31235384	0.0005549	-0.06004	0.0006679	HLA-C(-1.144kb)
rs10775655	21	37319770	0.0005552	-0.06434	0.0004925	.
rs4550703	2	57485772	0.0005552	-0.0432	0.0004653	.
rs2072901	1	4829835	0.0005563	-0.06875	0.0007145	AJAP1(0)
rs35303934	6	31234222	0.0005573	-0.06067	0.0006924	HLA-C(-2.306kb)
rs2320614	4	164070122	0.0005575	-0.04346	0.0005569	NAF1(0)
rs59593157	4	58384019	0.0005579	-0.05389	0.0005477	.
rs4603958	3	68229327	0.000558	-0.1073	0.0005254	FAM19A1(0)
rs4461935	8	65700067	0.0005585	-0.04236	0.0006034	CYP7B1(0)
rs2736886	14	94815400	0.0005586	-0.04211	0.0005906	.
rs10429490	9	26547767	0.0005587	0.09978	0.0005115	.
rs2013150	14	94825769	0.0005588	0.04219	0.0005796	SERPINA1(-17.31kb)
rs62295050	4	35061580	0.0005588	0.04661	0.0005361	.
rs7094825	10	27068310	0.0005592	-0.05532	0.000656	ABI1(0)
rs9950118	18	4633069	0.0005592	-0.04484	0.0004679	.
rs10791080	11	99854446	0.0005593	-0.04303	0.0005813	CNTN5(0)
rs58927910	10	89969894	0.0005616	0.145	0.0005725	.
rs6586182	10	91091486	0.000562	-0.04964	0.0005638	IFIT3(0)
rs9908912	17	67894548	0.0005626	-0.05836	0.0005493	.
rs486344	20	939161	0.0005628	0.06237	0.0006535	RSPO4(0)
rs8079878	17	71661726	0.0005631	0.07508	0.0005696	.
rs12777447	10	132849228	0.0005632	-0.1594	0.0005669	.
rs13005078	2	231454354	0.0005633	-0.05341	0.0007351	.
rs34712773	10	91091041	0.0005648	-0.04883	0.0005691	IFIT3(0)
rs13005614	2	231454324	0.000565	-0.05338	0.0007357	.
rs7006154	8	77971561	0.0005652	0.04371	0.0005354	.
rs11745439	5	33230034	0.0005653	-0.04477	0.0005828	.
rs12083980	1	208278877	0.0005653	0.04866	0.0006652	PLXNA2(0)
rs2281819	6	33771673	0.0005653	-0.05191	0.0005788	MLN(0) LEMD2(+14.78kb)
rs9899484	17	67890635	0.0005654	-0.0562	0.0005615	.
rs10859312	12	92793867	0.0005665	-0.07576	0.0006981	.
rs8050075	16	66524913	0.0005666	0.1171	0.0006126	TK2(-18.43kb)
rs6084154	20	2746354	0.0005673	0.05413	0.0005924	EBF4(+5.6kb)
rs11751669	6	22571037	0.0005676	-0.04615	0.0004829	HDGFL1(+0.287kb)
rs17304516	8	66632266	0.0005676	-0.06039	0.000506	PDE7A(0) MTFR1(+9.48kb)
rs2683173	17	71707979	0.0005683	0.05298	0.0006184	.
rs10497995	2	213995346	0.000569	0.04412	0.0005862	IKZF2(0)
rs4742007	9	4559775	0.000569	-0.05028	0.0006089	SLC1A1(0)
rs11160030	14	27305570	0.0005691	0.04949	0.0005353	.

rs12298327	12	119301245	0.0005706	-0.05658	0.0005507	.
rs7796244	7	25537874	0.0005708	0.05881	0.0004574	.
rs2869016	20	38135213	0.000571	0.04291	0.0005718	.
rs11134049	5	4312071	0.0005714	-0.04329	0.0005484	.
rs1052989	6	31146403	0.0005715	-0.1059	0.0006349	TCF19(+14.41kb) POU5F1(+7.952kb)
rs35328311	1	77773901	0.0005715	-0.05359	0.0006194	AK5(0)
rs10204311	2	193053923	0.0005721	-0.06986	0.0005541	TMEFF2(0)
rs4666240	2	29762340	0.0005721	-0.07024	0.0005945	ALK(0)
rs11216408	11	98544273	0.0005722	0.0599	0.0004976	.
rs2207801	20	38134993	0.0005736	0.043	0.0005718	.
rs12484724	22	36041330	0.0005749	-0.0912	0.0006139	APOL6(-3.093kb)
rs11649747	17	72215315	0.000575	-0.1901	0.0006233	TTYH2(0) RPL38(+9.296kb)
rs6450961	5	33215933	0.0005757	0.04681	0.0006724	.
rs12268946	10	20820303	0.000576	-0.1021	0.0005378	.
rs3135427	5	32087430	0.000576	-0.1375	0.0005871	PDZD2(0)
rs61790742	1	75221716	0.000576	-0.1075	0.0005348	TYW3(0)
rs6466357	7	110382512	0.0005764	-0.107	0.0005559	IMMP2L(0)
rs2333715	1	184696032	0.0005767	-0.04303	0.00075	EDEM3(0)
rs7825017	8	52184778	0.0005767	0.04795	0.00069	.
rs9555079	13	105258541	0.0005768	-0.04437	0.0005709	.
rs7404803	16	15530454	0.0005769	0.06868	0.0006363	C16orf45(0)
rs10752941	1	184695571	0.000577	-0.0421	0.0007155	EDEM3(0)
rs12220990	10	123026013	0.0005773	-0.0524	0.0005679	.
rs10911644	1	184695996	0.0005776	-0.04304	0.0007481	EDEM3(0)
rs12489232	3	151775979	0.0005779	0.05213	0.0007257	.
rs6489917	12	114131418	0.0005784	0.04234	0.0006397	.
rs59143298	17	27353382	0.0005785	-0.131	0.0006028	PIPOX(-16.54kb)
rs7863	22	36062171	0.0005789	-0.1336	0.0006136	APOL6(0)
rs3743444	15	91811749	0.0005791	-0.06553	0.000607	SV2B(0)
rs34335607	3	148938678	0.0005792	-0.07782	0.000666	CP(0)
rs12621461	2	59147007	0.0005793	0.08996	0.0005573	.
rs1523845	7	79328335	0.0005793	-0.0765	0.000613	.
rs16914591	10	61946060	0.0005793	-0.043	0.0005409	ANK3(0)
rs28450937	11	81485266	0.0005794	-0.05454	0.0007646	.
rs13062123	3	189118216	0.0005798	-0.1308	0.0005583	.
rs62236175	22	31755616	0.0005799	0.08666	0.000607	PATZ1(+13.37kb)
rs3935477	12	132688985	0.0005802	0.04232	0.0007114	.
rs12306540	12	115857048	0.0005811	-0.05074	0.0005302	.
rs4408723	2	241933967	0.0005813	-0.0667	0.0005936	SNED1(-4.287kb)
rs2212912	21	37338398	0.0005814	0.04219	0.0005009	.
rs2776275	21	37337855	0.0005814	0.04219	0.0005009	.
rs2776277	21	37338462	0.0005814	0.04219	0.0005009	.
rs2845729	21	37337294	0.0005814	0.04219	0.0005009	.
rs2850065	21	37337880	0.0005814	0.04219	0.0005009	.
rs7819465	8	119229093	0.0005814	0.09022	0.0005104	SAMD12(0)
rs11652995	17	72215095	0.000582	-0.1903	0.0006142	TTYH2(0) RPL38(+9.076kb)
rs17797794	18	64162635	0.0005823	-0.055	0.0007404	CDH19(-8.685kb)

rs2412812	4	58394551	0.0005823	-0.05274	0.0005397	.
rs12668343	7	25545837	0.0005828	0.05795	0.0004735	.
rs7828211	8	52160464	0.0005842	0.04838	0.0006803	.
rs6701782	1	213079941	0.0005846	-0.05111	0.0005921	FLVCR1(+11.19kb)
rs34813851	20	2745077	0.0005852	0.05373	0.0006566	EBF4(+4.323kb)
rs56270027	1	41060350	0.0005856	-0.05698	0.0007154	.
rs2099590	8	52213592	0.0005859	0.0483	0.000671	PXDNL(-18.54kb)
rs6469660	8	117797719	0.0005864	0.05028	0.0005183	UTP23(+13.52kb)
rs11082925	18	49976719	0.0005865	-0.04399	0.0006896	DCC(0)
rs9327090	5	118509523	0.0005866	-0.05863	0.0005743	DMXL1(0)
rs28362345	6	31165836	0.0005867	-0.0435	0.0007361	HCG27(0)
rs2147420	10	90759613	0.000588	-0.04173	0.000658	FAS(0)
rs12266225	10	20818140	0.0005882	-0.137	0.0005606	.
rs4813616	20	2747481	0.0005889	0.053	0.0006532	EBF4(+6.727kb)
rs1704822	18	64160370	0.0005897	-0.05488	0.0007484	CDH19(-10.95kb)
rs6075586	20	19855294	0.0005897	-0.05576	0.000617	RIN2(-14.91kb)
rs12644375	4	90837980	0.0005899	-0.08664	0.0005241	MMRN1(0)
rs11033752	11	36729709	0.00059	0.05449	0.0005632	.
rs7631725	3	169304895	0.0005902	-0.08011	0.000587	MDS1(0)
rs6696219	1	47000408	0.0005907	0.05099	0.000678	KNCN(-10.91kb)
rs136734	22	45924173	0.0005911	0.06952	0.0005665	FBLN1(0)
rs3015510	1	119237937	0.0005914	0.09595	0.0005028	.
rs261174	5	4329133	0.0005917	-0.04301	0.0005655	.
rs10953921	7	79333109	0.0005923	-0.04318	0.0006031	.
rs4732717	8	27100829	0.0005928	-0.053	0.0005349	STMN4(0)
rs1805311	9	4561651	0.0005929	-0.05002	0.0006279	SLC1A1(0)
rs10504389	8	66556187	0.0005934	0.1777	0.0005115	MTFR1(-0.786kb) ARMC1(+9.755kb)
rs7313238	12	95003590	0.0005934	-0.06059	0.000616	TMCC3(0)
rs57288584	12	114063329	0.0005939	-0.04265	0.0005656	.
rs6445306	3	63024129	0.0005946	-0.1074	0.0005269	.
rs2834035	21	34342974	0.0005951	0.04966	0.0005621	.
rs17277369	7	12536192	0.0005953	-0.0625	0.000605	.
rs34644264	7	12536090	0.0005953	-0.0625	0.000605	.
rs10944785	6	65967847	0.0005958	0.09151	0.00056	.
rs4742008	9	4562472	0.0005962	-0.05078	0.0005814	SLC1A1(0)
rs16838135	4	6058620	0.0005963	-0.06238	0.0007113	JAKMIP1(0)
rs10102454	8	52218259	0.0005965	0.04923	0.000691	PXDNL(-13.88kb)
rs332436	11	36720477	0.0005966	0.05818	0.0006162	.
rs34634498	6	31236400	0.0005969	-0.05932	0.0007192	HLA-C(-0.128kb)
rs11747031	5	8918277	0.0005972	0.04461	0.0004997	.
rs59544374	2	215262698	0.0005974	0.05959	0.0006324	SPAG16(0) LOC402117(-13.76kb)
rs6704752	2	215263829	0.0005974	0.05959	0.0006324	SPAG16(0) LOC402117(-12.63kb)
rs2141868	7	95469428	0.0005975	0.04391	0.0005558	DYNC1I1(0)
rs1296874	14	33453817	0.0005987	0.05672	0.0005643	NPAS3(0)
rs56438862	5	33357227	0.0005993	0.04858	0.0004978	.
rs10812402	9	26470100	0.0005997	0.1055	0.0005306	.
rs1939637	11	82251791	0.0005999	-0.04559	0.0007156	.

rs11994513	8	125628486	0.0006001	-0.05988	0.0006268	MTSS1(0)
rs1895974	12	114064033	0.0006009	-0.04271	0.0005728	.
rs7322764	13	38515459	0.0006009	-0.05927	0.0007412	.
rs17192434	2	57532939	0.0006013	-0.06152	0.0004826	.
rs16827406	1	41059499	0.0006018	-0.05545	0.0007461	.
rs4854980	3	180282620	0.0006024	0.117	0.0006624	.
rs2282465	9	140451012	0.0006026	0.05383	0.0005033	WDR85(0) PNPLA7(+6.026kb) MRPL41
rs3781339	10	105428152	0.0006026	0.05075	0.0005711	SH3PXD2A(0)
rs8103310	19	30102951	0.0006038	0.08969	0.0006469	POP4(0)
rs55691520	5	125771681	0.0006044	0.1403	0.0006773	GRAMD3(0)
rs11749369	5	33350480	0.000605	0.04865	0.000495	.
rs10938745	4	8714712	0.0006054	0.05909	0.0007729	.
rs4962247	9	140448407	0.0006054	0.05081	0.000501	WDR85(-0.953kb) PNPLA7(+3.421kb)
rs470065	22	45922844	0.0006056	0.06952	0.0005755	FBLN1(0)
rs13252547	8	65691703	0.0006057	-0.04196	0.0006425	CYP7B1(0)
rs9974274	21	33568875	0.0006059	0.04305	0.0006157	.
rs10762220	10	70069521	0.0006065	0.06256	0.0007484	PBLD(0)
rs7829562	8	66629206	0.0006068	-0.05986	0.0005485	PDE7A(-2.106kb) MTFR1(+6.42kb)
rs2187271	18	64164859	0.0006069	-0.055	0.0007973	CDH19(-6.461kb)
rs35471967	19	50893199	0.0006075	-0.07459	0.0007048	POLD1(0) NR1H2(+6.932kb)
rs10886883	10	123027181	0.0006079	-0.04555	0.0005603	.
rs12054548	4	158445097	0.0006083	0.05952	0.0004761	.
rs4286276	2	215264826	0.0006083	0.08046	0.0006435	SPAG16(0) LOC402117(-11.63kb)
rs61133636	1	107009368	0.0006084	-0.0606	0.0006604	.
rs2211398	6	87370050	0.0006085	-0.04259	0.0007192	.
rs12150993	19	33383409	0.0006092	0.04407	0.0008446	CCDC123(0)
rs4875099	8	4218064	0.0006098	0.04524	0.0006218	CSMD1(0)
rs1031821	1	103326762	0.0006099	0.0534	0.0005223	COL11A1(-15.26kb)
rs6921663	6	31154620	0.0006101	-0.05083	0.0007278	POU5F1(+16.17kb) HCG27(-10.98kb)
rs28516734	3	170509497	0.0006102	0.0532	0.0005309	.
rs13431400	2	231450755	0.0006106	-0.05241	0.0008216	.
rs12255504	10	91092189	0.0006117	-0.04723	0.0006034	IFIT3(0)
rs6585960	10	87241413	0.0006117	-0.04854	0.0006788	.
rs7910389	10	91091862	0.0006117	-0.04854	0.0006034	IFIT3(0)
rs10911640	1	184674409	0.000612	-0.0427	0.0007176	EDEM3(0)
rs7827510	8	754025	0.0006126	0.05417	0.0006402	.
rs61100499	10	62461517	0.0006128	0.1021	0.0006461	.
rs1894372	14	22634808	0.000614	-0.04215	0.0006131	.
rs34915661	7	12535583	0.000615	-0.06942	0.0006501	.
rs7608482	2	193054347	0.000615	-0.06232	0.0005974	TMEFF2(0)
rs1368364	5	146926845	0.0006155	-0.04244	0.0005851	.
rs34519652	8	117805998	0.0006161	0.06588	0.0006009	.
rs80681	22	45929348	0.0006165	0.06451	0.0005729	FBLN1(0)
rs12080565	1	223905833	0.0006171	0.09886	0.0005692	CAPN2(0)
rs2995400	10	43495101	0.0006176	0.04153	0.0006951	.
rs9330472	9	91282347	0.0006178	-0.04277	0.0005144	LOC286238(+15.27kb)
rs57109098	2	241932361	0.0006183	-0.06537	0.0006124	SNED1(-5.893kb)

rs13095891	3	48381826	0.0006187	-0.1015	0.000727	SPINK8(+11.99kb)
rs62308636	4	88879024	0.0006198	-0.04491	0.0007671	SPP1(-17.78kb)
rs34703972	4	6033218	0.0006202	-0.07758	0.000706	JAKMIP1(0)
rs35403494	4	6033198	0.0006202	-0.07758	0.000706	JAKMIP1(0)
rs1608216	2	57506604	0.0006205	-0.06132	0.0005067	.
rs1608217	2	57506514	0.0006205	-0.06132	0.0005067	.
rs61105931	2	57505963	0.0006205	-0.06132	0.0005067	.
rs16956575	16	66521875	0.0006208	0.1205	0.0006399	.
rs11812027	1	86367824	0.0006209	0.0457	0.000599	COL24A1(0)
rs12517302	5	169933055	0.000621	0.08862	0.0005783	KCNIP1(0)
rs4820949	22	31566411	0.000621	0.04571	0.0006493	RNF185(0)
rs11915779	3	170511054	0.0006211	0.05308	0.0005466	.
rs1890038	1	146723941	0.0006213	-0.08225	0.0007899	CHD1L(0)
rs2354429	1	146720770	0.0006213	-0.08225	0.0007899	CHD1L(0)
rs11000608	10	75089951	0.0006221	-0.09376	0.0007748	TTC18(0)
rs62154871	2	98720986	0.0006222	0.05094	0.0005566	VWA3B(0)
rs880530	16	66545106	0.0006223	0.04345	0.0006533	TK2(0)
rs9634548	13	106147933	0.0006223	0.1171	0.0008792	DAOA(+4.55kb)
rs11203105	10	91153477	0.0006227	-0.04708	0.0006074	IFIT1L(+8.515kb) IFIT1(0)
rs12244363	10	20783766	0.0006232	-0.1495	0.0006317	.
rs12255866	10	20782438	0.0006232	-0.1495	0.0006317	.
rs10944288	6	87651742	0.0006234	0.04545	0.0006323	HTR1E(0)
rs11203070	10	91091414	0.0006236	-0.04877	0.0006139	IFIT3(0)
rs1372626	18	49997807	0.0006239	-0.04312	0.0006974	DCC(0)
rs1232975	12	47965375	0.0006241	0.04389	0.0005822	.
rs57100184	1	47004710	0.0006242	0.05075	0.0007367	MKNK1(-18.38kb) KNCN(-6.605kb)
rs12319659	12	76085094	0.0006244	0.05076	0.0006128	.
rs4393645	18	31394407	0.0006248	-0.04215	0.0005279	.
rs3762132	14	94834575	0.0006249	0.04233	0.0006413	SERPINA1(-8.508kb)
rs17805303	2	57531366	0.000625	-0.06127	0.0005072	.
rs762171	21	33584177	0.000625	0.04367	0.0006175	.
rs7072563	10	87240124	0.0006252	-0.04764	0.0006976	.
rs2074488	6	31240431	0.0006253	-0.05909	0.0007497	HLA-C(+0.576kb)
rs9886723	9	4560454	0.0006258	-0.05036	0.0006503	SLC1A1(0)
rs61173647	11	98530873	0.000626	0.05804	0.0006033	.
rs58936824	17	71061298	0.000627	-0.108	0.0006518	SLC39A11(0)
rs7827446	8	52233408	0.000627	0.0477	0.0007749	PXDNL(0)
rs1781268	9	8234114	0.0006271	0.05887	0.0006447	.
rs4665465	2	29758708	0.0006272	-0.06821	0.000653	ALK(0)
rs4666236	2	29759240	0.0006272	-0.06821	0.000653	ALK(0)
rs11729482	4	58389966	0.0006279	-0.05328	0.000591	.
rs61124236	8	66481105	0.0006289	-0.05983	0.0005529	.
rs4256624	8	117760323	0.0006292	0.06343	0.0006193	UTP23(-18.42kb) EIF3H(0)
rs11493799	11	98548134	0.0006296	0.05923	0.0005704	.
rs11966716	6	31235265	0.0006299	-0.05932	0.0007732	HLA-C(-1.263kb)
rs17055345	4	170906940	0.0006305	-0.07577	0.0008029	MFAP3L(-0.807kb)
rs7814631	8	140811743	0.0006308	-0.04353	0.0006628	NIBP(0)

rs4645549	8	52213702	0.0006309	0.04766	0.0007582	PXDNL(-18.43kb)
rs13382421	2	179160785	0.0006313	0.04264	0.000614	OSBPL6(0)
rs17198616	6	31247964	0.0006318	-0.06001	0.0007629	HLA-C(+8.109kb)
rs11216301	11	98514146	0.000632	0.04169	0.000563	.
rs1254986	10	43499481	0.000632	0.05342	0.0006829	.
rs11164585	1	103171943	0.0006321	0.0666	0.000517	.
rs7552086	1	24488450	0.0006321	-0.04536	0.0007828	IL28RA(0) IL22RA1(+18.84kb)
rs12675074	8	117798038	0.0006324	0.04993	0.000565	UTP23(+13.84kb)
rs1895175	5	162803569	0.0006326	0.0505	0.0004904	.
rs12022521	1	103163844	0.0006329	0.08893	0.0004866	.
rs12699388	7	12536336	0.0006329	-0.06318	0.0006294	.
rs10497996	2	213997865	0.0006331	0.04348	0.0006497	IKZF2(0)
rs2371795	2	213994789	0.0006331	0.04348	0.0006497	IKZF2(0)
rs4673728	2	214001997	0.0006331	0.04348	0.0006497	IKZF2(0)
rs6996990	8	118463675	0.0006343	0.04496	0.0006738	.
rs36067983	4	188189540	0.0006344	-0.173	0.000679	.
rs60924123	20	24377566	0.0006344	0.04349	0.0006201	.
rs7554310	1	224849358	0.0006345	-0.04845	0.0006111	CNIH3(0)
rs7623663	3	148941958	0.0006354	-0.07506	0.0006932	CP(+2.126kb)
rs1992395	2	214003871	0.0006357	0.04348	0.0006509	IKZF2(0)
rs4744505	9	93579997	0.0006357	0.04524	0.0007792	SYK(0)
rs4401874	8	51557286	0.0006364	0.06221	0.0006545	SNTG1(0)
rs4601323	8	51557226	0.0006364	0.06221	0.0006545	SNTG1(0)
rs7777794	7	5154281	0.0006375	-0.05422	0.0008472	.
rs2469	6	43299323	0.0006379	0.04092	0.0006811	ZNF318(-4.484kb)
rs1985130	13	50259987	0.0006384	-0.0436	0.000628	KPNA3(-13.47kb) EBPL(0)
rs6803431	3	170512840	0.0006384	0.04343	0.0005635	.
rs7283647	21	33582250	0.0006384	0.05388	0.0006441	.
rs11012155	10	20854811	0.0006386	-0.1493	0.0006168	.
rs574401	3	170473131	0.0006387	0.05333	0.0005357	.
rs59943655	11	36422532	0.0006389	0.08617	0.0005507	FLJ14213(0)
rs945346	14	33460064	0.0006395	0.05593	0.0006239	NPAS3(0)
rs1994952	8	15242806	0.0006399	0.04909	0.0006195	.
rs1279199	14	33468430	0.00064	0.05621	0.0006249	NPAS3(0)
rs1845018	2	80998961	0.00064	0.04343	0.0007266	.
rs13292094	9	26690708	0.0006401	-0.05713	0.0007526	.
rs11933716	4	81447179	0.0006404	-0.06263	0.0007402	C4orf22(0)
rs12486818	3	170795203	0.0006408	-0.07284	0.0007376	TNIK(0)
rs56020647	11	1728170	0.000641	0.09687	0.000638	KRTAP5-6(+9.185kb) HCCA2(0)
rs4602112	18	31370210	0.0006411	-0.04245	0.0005898	.
rs2494738	14	105246686	0.0006413	-0.08154	0.0007562	AKT1(0)
rs11705329	22	32135812	0.0006414	0.07818	0.0007187	DEPDC5(-14.26kb)
rs136745	22	45928841	0.0006416	0.06422	0.000604	FBLN1(0)
rs11216074	11	98462325	0.0006417	0.04803	0.0006013	.
rs2377110	3	184499620	0.0006421	-0.04211	0.0005483	.
rs7525074	1	184681081	0.0006421	0.0419	0.0007783	EDEM3(0)
rs2156403	21	37340961	0.0006422	0.04237	0.0005256	.

rs2714647	7	79332497	0.0006425	-0.04256	0.0006845	.
rs1868065	3	63063240	0.0006426	-0.1019	0.0005976	.
rs6875415	5	8915339	0.0006426	0.04438	0.000537	.
rs530726	7	138645349	0.0006427	0.05008	0.0007541	.
rs2963799	5	3790765	0.0006434	0.08669	0.000653	.
rs12111586	7	126044791	0.0006438	0.1386	0.0007245	.
rs10887953	10	91148642	0.000644	-0.04651	0.0006565	IFIT1L(+3.68kb) IFIT1(-3.679kb)
rs7232237	18	31324934	0.000644	-0.04225	0.0005616	ASXL3(0)
rs1586987	18	31338661	0.0006442	-0.04263	0.0005879	ASXL3(+11.26kb)
rs6837722	4	6059192	0.0006447	-0.06119	0.0007647	JAKMIP1(0)
rs9714219	3	41604647	0.0006451	0.05515	0.000637	ULK4(0)
rs12980791	19	18808954	0.0006454	0.07126	0.0005317	CRTC1(0)
rs2524176	6	30427293	0.0006455	-0.05844	0.0007302	.
rs7605095	2	212308833	0.0006455	-0.04249	0.0009118	ERBB4(0)
rs2158093	5	95029221	0.0006456	-0.04202	0.0006641	SPATA9(+10.51kb)
rs12968891	18	57137395	0.000646	0.1767	0.000758	CCBE1(0)
rs6983490	8	54452352	0.0006462	-0.09595	0.0005457	.
rs6987393	8	54452261	0.0006462	-0.09595	0.0005457	.
rs9644689	8	11677805	0.0006463	-0.05747	0.0006523	FDFT1(0)
rs62238888	22	32158421	0.0006465	0.08314	0.0006972	DEPDC5(0)
rs9558568	13	106132219	0.000647	0.0453	0.0008538	DAOA(0)
rs1264622	6	30256936	0.0006471	0.05592	0.0007506	.
rs7972305	12	92810294	0.0006475	-0.07463	0.0008076	CLLU1(-7.44kb) CLLU1OS(-3.575kb)
rs7184321	16	77992688	0.0006476	-0.07115	0.0006453	KIAA1576(0)
rs17105048	1	81031984	0.0006487	-0.1003	0.0006381	.
rs34662182	11	86159223	0.0006489	-0.07984	0.0007906	ME3(0)
rs2039251	21	19749506	0.0006492	0.07161	0.000604	PRSS7(0)
rs1267303	1	46990457	0.0006496	0.04771	0.0006499	DMBX1(+10.57kb)
rs11084698	19	33534174	0.0006499	-0.05318	0.0006038	RHPN2(0)
rs12461135	19	33534185	0.0006499	-0.05318	0.0006038	RHPN2(0)
rs12248331	10	91095752	0.0006501	-0.04851	0.0006339	IFIT3(0)
rs11203109	10	91157159	0.0006508	-0.04675	0.0006265	IFIT1L(+12.2kb) IFIT5(-17.28kb)
rs55839643	8	26030580	0.000651	0.04541	0.0005489	.
rs729102	1	86363292	0.000651	-0.1547	0.00062	COL24A1(0)
rs12135746	1	213081440	0.0006516	-0.05066	0.0006586	FLVCR1(+12.68kb)
rs269219	7	140277864	0.000652	-0.04177	0.0008242	DENND2A(0)
rs17132308	11	98522257	0.0006528	0.05324	0.0005865	.
rs7933695	11	98515924	0.0006528	0.05324	0.0005865	.
rs7933799	11	98515978	0.0006528	0.05324	0.0005865	.
rs7946768	11	98516029	0.0006528	0.05324	0.0005865	.
rs6943330	7	156540956	0.0006555	0.06052	0.000568	LMBR1(0)
rs12408462	1	54626640	0.0006556	-0.1352	0.0006651	LOC606495(-11.39kb) CDCP2(+7.197
rs8066344	17	67897267	0.0006558	-0.056	0.0006984	.
rs4892006	18	64158664	0.0006563	-0.05736	0.0008396	CDH19(-12.66kb)
rs17748178	10	27139835	0.0006565	-0.05606	0.000771	ABI1(0)
rs4859423	4	77031022	0.0006567	-0.06532	0.000628	NUP54(-4.794kb) ART3(0)
rs12933264	16	89592338	0.0006574	-0.05754	0.0006281	SPG7(0)

rs1123127	7	125983840	0.0006575	0.1341	0.0007583	.
rs6473267	8	51562835	0.000658	0.0614	0.0006396	SNTG1(0)
rs1243173	14	94836298	0.0006581	0.04214	0.000657	SERPINA1(-6.785kb)
rs4951650	1	213080553	0.0006587	-0.05059	0.000667	FLVCR1(+11.8kb)
rs62026636	15	91822517	0.0006589	-0.06403	0.0006777	SV2B(0)
rs17076243	18	64066158	0.0006592	-0.054	0.0008273	.
rs1031250	3	63066703	0.0006594	-0.1022	0.0006051	.
rs1348933	3	63064991	0.0006594	-0.1022	0.0006051	.
rs1348934	3	63064011	0.0006594	-0.1022	0.0006051	.
rs1447423	3	63070262	0.0006594	-0.1022	0.0006051	.
rs2053760	3	63066483	0.0006594	-0.1022	0.0006051	.
rs4267638	3	63071090	0.0006594	-0.1022	0.0006051	.
rs4688364	3	63067967	0.0006594	-0.1022	0.0006051	.
rs9576415	13	38591739	0.0006595	-0.0607	0.0007592	.
rs13282363	8	27079609	0.0006596	-0.05053	0.0005918	STMN4(-14.2kb)
rs10873734	1	86372395	0.0006601	0.04651	0.0006496	COL24A1(0)
rs10210144	2	231450980	0.0006605	-0.05207	0.0008909	.
rs2429996	7	140280240	0.0006609	-0.04165	0.0009035	DENND2A(0)
rs4459449	13	71904139	0.000661	-0.1052	0.0005726	.
rs943462	6	33769578	0.0006616	-0.05125	0.0006643	MLN(0) LEMD2(+12.68kb)
rs13031103	2	162678313	0.0006623	-0.1265	0.0007293	SLC4A10(0)
rs56833933	8	54516531	0.0006632	0.04601	0.0005559	.
rs6747059	2	5349080	0.0006632	-0.0955	0.0007342	.
rs56872451	3	170815332	0.0006634	-0.07426	0.0007094	TNIK(0)
rs9861146	3	18117085	0.0006635	0.05836	0.000674	.
rs10109724	8	40787440	0.0006637	-0.04489	0.000779	.
rs17011949	1	208281347	0.0006637	-0.04251	0.0007844	PLXNA2(0)
rs11740245	5	169937406	0.0006644	-0.04354	0.0005842	KCNIP1(0)
rs56115087	17	71660771	0.0006654	0.07537	0.0006452	.
rs9425338	1	184646229	0.0006662	-0.04206	0.0008589	EDEM3(-13.39kb)
rs61594879	15	91818278	0.0006675	-0.06439	0.0007293	SV2B(0)
rs9932049	16	81995553	0.0006688	0.1005	0.000897	PLCG2(+3.654kb)
rs2454269	6	92560297	0.0006689	-0.05587	0.0006625	.
rs12462077	19	33529231	0.000669	-0.05332	0.000649	RHPN2(0)
rs17809737	4	124561823	0.0006691	0.04514	0.0006654	.
rs9558567	13	106131594	0.0006691	-0.07818	0.0008881	DAOA(0)
rs11088212	21	33584936	0.0006694	0.04341	0.0006665	.
rs9566294	13	38629177	0.0006698	-0.06134	0.000765	.
rs4495403	8	77945543	0.0006701	0.04304	0.000648	.
rs13185077	5	174199283	0.0006702	-0.05433	0.0007095	.
rs10038794	5	124236123	0.0006703	-0.0476	0.0006163	.
rs35265712	10	87245948	0.0006703	0.04288	0.0007367	.
rs4808399	19	15981912	0.0006703	-0.06752	0.000747	CYP4F2(-6.921kb)
rs2749529	14	94820459	0.0006705	-0.04374	0.0006971	.
rs730204	10	91385078	0.0006705	0.04153	0.0007371	PANK1(0)
rs11133504	4	58380322	0.0006716	-0.05238	0.0006167	.
rs11216260	11	98504332	0.0006727	0.05686	0.0006547	.

rs6780366	3	189931056	0.0006727	0.06383	0.0006561	.
rs6793394	3	189931067	0.0006727	0.06383	0.0006561	.
rs61980344	14	33471396	0.000673	0.05351	0.0006696	NPAS3(0)
rs2111802	13	106152620	0.0006731	0.04299	0.0009174	DAOA(+9.237kb)
rs11977402	7	126002487	0.0006734	0.04501	0.000776	.
rs12583219	13	106134989	0.0006734	0.1339	0.0009103	DAOA(0)
rs60662311	7	125994866	0.0006734	0.1339	0.000776	.
rs6943914	7	126016455	0.0006734	0.1339	0.000776	.
rs7800448	7	126008930	0.0006734	0.1339	0.000776	.
rs12792831	11	99860225	0.0006739	0.04252	0.0006741	CNTN5(0)
rs7009078	8	65659136	0.0006747	-0.04988	0.0007384	CYP7B1(0)
rs9608462	22	26528017	0.000675	-0.08652	0.0006332	.
rs10186600	2	81001174	0.0006752	0.04347	0.0007405	.
rs4736008	8	140822965	0.0006759	-0.04109	0.0007589	NIBP(0)
rs60471430	8	11655911	0.000676	-0.05459	0.0007385	NEIL2(+11.06kb) FDFT1(-4.278kb)
rs12464620	2	29759715	0.0006767	-0.06771	0.0007016	ALK(0)
rs35556213	6	31234131	0.0006771	-0.05903	0.0008334	HLA-C(-2.397kb)
rs7011491	8	11674137	0.0006774	-0.05747	0.0006899	FDFT1(0)
rs5753488	22	31561718	0.0006779	0.09006	0.0006862	RNF185(0)
rs9367622	6	55069173	0.0006779	-0.05858	0.0007014	HCRTR2(0)
rs59402064	2	5388575	0.0006782	0.04533	0.0007303	.
rs1506443	3	97537674	0.0006784	-0.04447	0.0007388	.
rs17646132	5	133131129	0.0006787	-0.07716	0.0006607	.
rs10974624	9	4561374	0.0006799	-0.04278	0.0007108	SLC1A1(0)
rs12307265	12	114069474	0.0006799	-0.04951	0.0005998	.
rs1781274	9	8235337	0.00068	0.05824	0.0006822	.
rs28390973	6	31579740	0.0006808	0.1285	0.0007454	NCR3(+18.98kb) BAT2(-8.709kb) AI
rs8031230	15	94353018	0.0006811	0.04104	0.0007903	.
rs6046400	20	19859126	0.0006812	-0.05489	0.0007227	RIN2(-11.08kb)
rs3794632	16	89617064	0.0006814	-0.05465	0.0006572	SPG7(0) RPL13(-10.03kb)
rs9902187	17	41704419	0.0006816	0.1988	0.0006968	MEOX1(-13.34kb)
rs9913085	17	41704420	0.0006816	0.1988	0.0006968	MEOX1(-13.34kb)
rs35347396	1	105290910	0.0006817	-0.08096	0.0006236	.
rs7827180	8	118461527	0.0006817	0.04457	0.0007099	.
rs61814069	1	105291134	0.0006819	-0.08099	0.000621	.
rs60218999	8	5660906	0.0006822	0.1399	0.0007377	.
rs8127678	21	33585818	0.0006824	0.04334	0.0006788	.
rs28521075	3	170509573	0.0006829	0.05271	0.0005938	.
rs6599158	3	41545321	0.000683	0.05002	0.0007445	ULK4(0)
rs13081275	3	63050763	0.0006839	-0.04509	0.0006316	.
rs1447430	3	63052912	0.0006839	-0.1015	0.0006316	.
rs1447431	3	63052176	0.0006839	-0.1015	0.0006316	.
rs1447432	3	63052063	0.0006839	-0.1015	0.0006316	.
rs7091083	10	123024757	0.0006839	-0.1015	0.0006163	.
rs3846218	3	63058649	0.0006843	-0.1015	0.0006296	.
rs6445314	3	63060370	0.0006843	-0.1015	0.0006296	.
rs7614151	3	63056232	0.0006843	-0.1015	0.0006296	.

rs11133502	4	58380033	0.0006846	-0.05226	0.0006334	.
rs11728064	4	58379453	0.0006846	-0.05226	0.0006334	.
rs261134	5	4314418	0.0006846	-0.05226	0.0006506	.
rs6554475	4	58381168	0.0006846	-0.04201	0.0006334	.
rs1282619	18	68423902	0.0006847	0.04726	0.0007864	.
rs13130116	4	77025840	0.000685	-0.06492	0.0006611	NUP54(-9.976kb) ART3(0)
rs57239050	5	174190528	0.000685	-0.05672	0.0007093	.
rs1105221	9	140450159	0.0006853	0.05026	0.0005696	WDR85(0) PNPLA7(+5.173kb) MRPL41
rs10879957	12	76064345	0.0006854	-0.0425	0.0007796	.
rs6994693	8	52206271	0.0006854	0.04846	0.0007833	.
rs12680346	8	140814379	0.0006856	-0.04122	0.0008888	NIBP(0)
rs1865325	2	179161346	0.0006859	0.04226	0.0006921	OSBPL6(0)
rs11704362	22	32140379	0.0006863	0.1127	0.0007624	DEPDC5(-9.689kb)
rs136733	22	45924112	0.0006863	0.0778	0.0006581	FBLN1(0)
rs36054769	10	130020127	0.0006863	0.0778	0.0005894	.
rs5998113	22	32143243	0.0006863	0.0778	0.0007624	DEPDC5(-6.825kb)
rs62240515	22	32134214	0.0006863	0.06879	0.0007624	DEPDC5(-15.85kb)
rs62026635	15	91821342	0.0006868	-0.06383	0.0007049	SV2B(0)
rs3892526	4	6058301	0.0006878	-0.06174	0.0008228	JAKMIP1(0)
rs12598459	16	15532504	0.0006879	0.07135	0.000734	C16orf45(0)
rs16919301	8	54454601	0.0006881	-0.09583	0.0005767	.
rs2376141	8	54454779	0.0006881	-0.09583	0.0005767	.
rs4300035	8	54454772	0.0006881	-0.09583	0.0005767	.
rs12619209	2	176929979	0.0006882	-0.1438	0.0005806	EVX2(-14.86kb)
rs10078034	5	8437956	0.0006885	-0.1548	0.0006591	.
rs55972520	11	7956354	0.0006889	0.06014	0.0007184	OR10A6(+6.145kb) OR10A3(-3.768kb)
rs7007788	8	54459084	0.000689	-0.09523	0.000572	.
rs4258608	16	81971582	0.0006896	0.04706	0.0008117	PLCG2(0)
rs7917702	10	87771207	0.0006898	0.09302	0.0006514	GRID1(0)
rs9861342	3	112340843	0.0006902	-0.04182	0.0008184	CCDC80(0)
rs6366	16	2014031	0.0006908	0.05409	0.0007453	TBL3(-8.032kb) RPS2(0) RPL3L(+9.
rs12699879	7	17624226	0.0006912	0.04571	0.0007188	.
rs1403603	3	189920271	0.0006917	0.06395	0.0006627	.
rs10063659	5	8440627	0.0006929	-0.1546	0.0006725	.
rs60409864	11	126430657	0.0006956	0.05542	0.000762	KIRREL3(0)
rs10451871	3	156953853	0.0006957	-0.04407	0.000711	.
rs1486015	4	81454754	0.0006965	-0.06832	0.00083	C4orf22(0)
rs12672646	7	25545534	0.0006969	0.05714	0.0005681	.
rs1393675	7	25542680	0.0006969	0.05714	0.0005681	.
rs10042476	5	160585904	0.0006972	-0.07513	0.0006805	.
rs12255508	10	93109660	0.0006976	0.1897	0.000703	.
rs4133068	3	170490416	0.000698	0.05368	0.0005777	.
rs2495975	6	33944014	0.0006986	0.04974	0.0007913	.
rs1436656	3	189948689	0.0006987	0.06284	0.0006753	.
rs1436657	3	189948706	0.0006987	0.06284	0.0006753	.
rs4687128	3	189950023	0.0006987	0.06284	0.0006753	.
rs7617032	3	189949214	0.0006987	0.06284	0.0006753	.

rs7630711	3	189950459	0.0006987	0.06284	0.0006753	.
rs7649823	3	189949307	0.0006987	0.06284	0.0006753	.
rs932018	3	189949756	0.0006987	0.06284	0.0006753	.
rs35140422	13	38606988	0.0006989	-0.06033	0.0007927	.
rs17011443	4	127623914	0.0006995	-0.06302	0.0008394	.
rs11818588	10	87247526	0.0006999	-0.04661	0.0007719	.
rs2136594	10	87242681	0.0006999	-0.04661	0.0007719	.
rs2175203	10	87243492	0.0006999	-0.04661	0.0007719	.
rs34714659	10	87240276	0.0006999	-0.04661	0.0007719	.
rs6585959	10	87241243	0.0006999	-0.04661	0.0007719	.
rs10085941	8	117751717	0.0007002	-0.1138	0.000674	EIF3H(0)
rs1510350	3	68507768	0.0007002	-0.1138	0.0006805	FAM19A1(0)
rs4260447	3	68508137	0.0007002	0.06254	0.0006805	FAM19A1(0)
rs1378014	2	221213711	0.0007003	-0.05469	0.0007276	.
rs61813497	1	177711279	0.0007011	0.13	0.0006345	.
rs7744312	6	135809256	0.0007016	-0.1041	0.0006653	AHI1(0)
rs206018	6	32177880	0.0007017	-0.05439	0.0007317	PBX2(+19.92kb) NOTCH4(0) GPSM3(+)
rs397435	16	2010138	0.0007018	0.05405	0.0007009	TBL3(-11.93kb) SEPX1(+16.84kb) R
rs4713447	6	31162963	0.0007018	-0.04158	0.0008311	HCG27(-2.635kb)
rs10909933	1	3253703	0.0007021	0.04775	0.0006972	PRDM16(0)
rs1572037	1	3254369	0.0007021	0.04775	0.0006972	PRDM16(0)
rs1572038	1	3254341	0.0007021	0.04775	0.0006972	PRDM16(0)
rs7516137	1	3253839	0.0007021	0.04775	0.0006972	PRDM16(0)
rs10493777	1	86377028	0.0007024	0.04515	0.0006764	COL24A1(0)
rs10873736	1	86385602	0.0007024	0.04515	0.0006764	COL24A1(0)
rs1858556	1	86371149	0.0007024	0.04515	0.0006764	COL24A1(0)
rs4146294	1	86373978	0.0007024	0.04515	0.0006764	COL24A1(0)
rs2413058	22	32129550	0.0007025	0.07771	0.0007761	.
rs2024765	1	184653541	0.0007026	-0.04128	0.0008667	EDEM3(-6.083kb)
rs4259436	8	54466722	0.0007032	-0.09505	0.0005872	.
rs8088362	18	31413016	0.0007034	-0.04174	0.0006595	NOL4(-18.05kb)
rs6875370	5	124244591	0.0007036	-0.074	0.0005956	.
rs11956273	5	160575832	0.0007039	-0.07496	0.0007104	.
rs17472652	2	221144573	0.0007041	-0.05519	0.0007738	.
rs3136405	8	95448710	0.0007045	0.1927	0.0005842	RAD54B(0)
rs12486849	3	121725335	0.0007057	0.07537	0.0008243	ILDR1(0)
rs11995306	8	15154405	0.0007059	0.07989	0.0008519	.
rs9787757	11	129277217	0.0007059	0.1422	0.0007527	BARX2(0)
rs17031012	2	66096120	0.000706	0.05428	0.0008203	.
rs1579540	18	49076557	0.0007061	-0.1476	0.0007369	.
rs2488595	9	140451611	0.0007066	0.05019	0.0005779	WDR85(0) PNPLA7(+6.625kb) MRPL41
rs34023488	6	31270295	0.0007068	-0.05855	0.0008602	.
rs7913695	10	105383070	0.0007069	-0.04122	0.0007144	SH3PXD2A(0)
rs59009172	15	91816218	0.0007075	-0.06483	0.000755	SV2B(0)
rs4688371	3	63074381	0.0007077	-0.1013	0.0006482	.
rs34131062	6	31236410	0.0007079	-0.05852	0.000847	HLA-C(-0.118kb)
rs2089756	18	64118886	0.0007081	-0.05419	0.0008838	.

rs2493218	6	19575837	0.0007087	-0.08214	0.0006514	.
rs1374677	3	63041182	0.0007093	-0.1011	0.0006644	.
rs2010923	3	63033844	0.0007093	-0.1011	0.0006644	.
rs6445310	3	63039589	0.0007093	-0.1011	0.0006644	.
rs7649100	3	63032249	0.0007093	-0.1011	0.0006644	.
rs9311856	3	63032126	0.0007093	-0.1011	0.0006644	.
rs9895055	17	71514554	0.0007096	0.0443	0.0008191	.
rs129752	22	45922466	0.0007102	0.06702	0.0007096	FBLN1(0)
rs10043880	5	160584314	0.0007105	-0.07679	0.0006786	.
rs1939720	11	134561571	0.0007108	-0.108	0.0006399	.
rs9886809	9	4559951	0.000711	-0.04932	0.0007662	SLC1A1(0)
rs10892089	11	98523638	0.0007111	0.05334	0.0006394	.
rs1791736	18	20277555	0.0007111	0.04569	0.0006696	.
rs1901894	2	5350415	0.0007113	0.04669	0.0007711	.
rs17016014	2	35244015	0.0007114	-0.04938	0.0008317	.
rs1347626	8	117656781	0.0007118	0.06354	0.0006772	EIF3H(-0.273kb)
rs3826907	19	33599246	0.0007124	-0.0694	0.0008225	GPATCH1(0)
rs6988970	8	800534	0.0007126	0.04894	0.000716	.
rs10797079	1	160559110	0.0007129	-0.07395	0.0008	CD84(+9.859kb)
rs3846684	5	156649132	0.000713	-0.04194	0.0008114	ITK(0)
rs11579787	1	223906977	0.0007131	0.09948	0.0006353	CAPN2(0)
rs1374683	3	63049585	0.0007135	-0.1011	0.000664	.
rs1470540	3	63048987	0.0007135	-0.1011	0.000664	.
rs61790743	1	75224016	0.0007146	-0.1003	0.0006475	TYW3(0)
rs35094999	18	3397985	0.0007147	-0.05298	0.0006172	TGIF1(-14.09kb)
rs11125708	2	57480818	0.0007148	-0.06204	0.0005858	.
rs4617634	12	114076323	0.0007157	0.04246	0.0006343	.
rs6112627	20	19857986	0.0007158	-0.04619	0.0007003	RIN2(-12.22kb)
rs155352	5	4321760	0.0007159	-0.04187	0.0006933	.
rs263761	5	4321428	0.0007159	-0.04187	0.0006933	.
rs13400738	2	179166160	0.000716	0.04212	0.0006778	OSBPL6(0)
rs10932535	2	215271969	0.0007161	0.05902	0.0007639	SPAG16(0) LOC402117(-4.491kb)
rs12146366	10	123024680	0.0007166	-0.05215	0.0006751	.
rs7429891	3	97647408	0.0007175	-0.04355	0.0007216	MINA(-13.25kb) DKFZp667G2110(0)
rs10404631	19	33527677	0.000718	-0.07573	0.0006677	RHPN2(0)
rs3867422	5	133131702	0.000718	-0.0778	0.0006551	.
rs13345828	19	33599323	0.0007186	-0.0693	0.0008338	GPATCH1(0)
rs9944191	15	24996235	0.000719	-0.04235	0.000709	.
rs10090141	8	138005155	0.00072	-0.07511	0.0008742	.
rs4857301	3	97657640	0.0007202	-0.04361	0.0007209	MINA(-3.02kb) DKFZp667G2110(0)
rs7798779	7	12543490	0.0007206	-0.06435	0.0007729	.
rs3004261	10	43491592	0.000722	0.04103	0.0007856	.
rs1369012	13	105263427	0.0007223	-0.04466	0.0007053	.
rs2053759	3	63073352	0.0007223	-0.1011	0.0006648	.
rs4688152	3	63072780	0.0007223	-0.1011	0.0006648	.
rs4688365	3	63072839	0.0007223	-0.1011	0.0006648	.
rs4688366	3	63072875	0.0007223	-0.1011	0.0006648	.

rs4688369	3	63073231	0.0007223	-0.1011	0.0006648	.
rs7898877	10	87236564	0.0007229	-0.04636	0.0007989	.
rs61783087	1	46999955	0.0007237	0.05015	0.0008172	KNCN(-11.36kb)
rs12608181	18	31339351	0.0007239	-0.04226	0.0006598	ASXL3(+11.95kb)
rs11952127	5	8904850	0.000724	0.04316	0.0006636	.
rs1129464	17	9816452	0.0007241	0.04344	0.0006977	RCVRN(+7.768kb) GAS7(0)
rs1020918	1	103331349	0.0007245	0.05345	0.0006312	COL11A1(-10.67kb)
rs10922378	1	198187149	0.0007245	0.07786	0.0007962	NEK7(-14.53kb)
rs34033251	4	32800365	0.0007248	0.04412	0.0007134	.
rs4111582	1	87736382	0.0007248	0.08865	0.0006195	.
rs61792795	4	32800181	0.0007248	0.08865	0.0007134	.
rs61880768	11	21009290	0.0007248	0.04874	0.0007604	NELL1(0)
rs61880769	11	21009443	0.0007248	0.04874	0.0007604	NELL1(0)
rs935068	4	58397676	0.0007251	-0.052	0.000663	.
rs3736757	1	184677464	0.0007254	-0.04132	0.0008705	EDEM3(0)
rs10447447	6	144149889	0.0007264	-0.05016	0.0008079	PHACTR2(0) LTV1(-14.62kb)
rs6987616	8	52234145	0.0007265	0.04799	0.0008991	PXDNL(0)
rs6498907	16	63603581	0.0007272	-0.07588	0.0008513	.
rs1768576	9	8235898	0.0007276	0.06057	0.000701	.
rs2451136	8	119238894	0.0007277	-0.06871	0.00063	SAMD12(0)
rs61789795	1	106916082	0.0007277	0.0887	0.0006879	.
rs15814	17	9816390	0.0007278	0.04347	0.0007029	RCVRN(+7.706kb) GAS7(0)
rs10460051	18	31413679	0.0007279	-0.04212	0.0006204	NOL4(-17.38kb)
rs10876218	12	52327400	0.000728	-0.04093	0.0009486	ACVRL1(+10.26kb) ACVR1B(-18.09kb)
rs11666273	19	33372601	0.0007285	0.04252	0.0009677	SLC7A9(+11.92kb) CCDC123(0)
rs12676781	8	5645359	0.0007291	0.07056	0.0008607	.
rs16986523	20	24371627	0.0007297	-0.1645	0.0006844	.
rs6114685	20	24372449	0.0007297	-0.1645	0.0006844	.
rs6827440	4	58381544	0.0007311	-0.05201	0.0006762	.
rs34853285	6	144148874	0.0007312	-0.0501	0.0008165	PHACTR2(0) LTV1(-15.63kb)
rs9886847	9	4560437	0.0007317	-0.04966	0.0007646	SLC1A1(0)
rs2548136	5	95026764	0.0007319	-0.04194	0.0007005	SPATA9(+8.05kb)
rs9792173	8	138022268	0.000732	-0.07984	0.0009081	.
rs9653707	21	33551774	0.0007324	0.04156	0.0007483	.
rs1599097	15	29890236	0.0007334	-0.06594	0.0007096	.
rs34112404	2	221187223	0.0007334	-0.05354	0.0008496	.
rs7814652	8	65678678	0.000734	-0.05256	0.0007536	CYP7B1(0)
rs55962241	18	57145930	0.0007341	0.1674	0.0008499	CCBE1(0)
rs56359247	18	57145931	0.0007341	0.1674	0.0008499	CCBE1(0)
rs1436658	3	189948864	0.0007344	0.06319	0.000694	.
rs17001409	4	77029413	0.0007345	-0.06464	0.0007066	NUP54(-6.403kb) ART3(0)
rs61872773	10	122706511	0.0007352	0.05293	0.0008098	.
rs56211561	4	170916875	0.0007354	-0.07714	0.0009198	MFAP3L(0)
rs13259412	8	51552744	0.000736	0.06184	0.0008242	SNTG1(0)
rs4701831	5	8910497	0.0007362	0.04379	0.0006017	.
rs6705720	2	215264632	0.000737	0.05861	0.0007851	SPAG16(0) LOC402117(-11.83kb)
rs4701205	5	22866453	0.0007371	-0.05639	0.0007419	CDH12(+12.72kb)

rs9907854	17	67900320	0.0007371	-0.0497	0.0007896	.
rs11216145	11	98478731	0.0007376	0.05644	0.000647	.
rs56396760	4	7119516	0.0007376	-0.06848	0.00068	.
rs1243171	14	94836784	0.0007377	0.04183	0.0007339	SERPINA1(-6.299kb)
rs6991825	8	54502600	0.0007381	0.04153	0.0008165	.
rs9288016	2	179149973	0.0007381	0.04571	0.0007969	OSBPL6(0)
rs6988901	8	77953355	0.0007383	0.04298	0.0007249	.
rs12034125	1	86406369	0.0007384	0.045	0.00072	COL24A1(0)
rs9405048	6	30670292	0.0007394	-0.05815	0.0006861	TUBB(-17.86kb) NRM(+11.52kb) MDC
rs9576405	13	38531753	0.00074	-0.06026	0.0008531	.
rs755717	16	66562300	0.0007409	0.1153	0.0007988	TK2(0)
rs9357109	6	31144771	0.000741	-0.0544	0.0008818	TCF19(+12.78kb) POU5F1(+6.32kb)
rs9953034	18	31335294	0.0007419	-0.04145	0.000652	ASXL3(+7.895kb)
rs55948812	11	7955629	0.0007427	0.05972	0.0007762	OR10A6(+5.42kb) OR10A3(-4.493kb)
rs7811374	7	12517437	0.0007433	-0.0612	0.0007675	.
rs16971252	15	79987725	0.0007434	-0.08461	0.0009424	.
rs4122189	6	31167927	0.0007435	-0.0509	0.0008222	HCG27(0)
rs4951652	1	213082169	0.0007437	-0.05054	0.000727	FLVCR1(+13.41kb)
rs58396176	7	156524161	0.0007438	0.06178	0.0006591	LMBR1(0)
rs943461	6	33769409	0.0007444	-0.05077	0.0007429	MLN(0) LEMD2(+12.51kb)
rs2994968	1	241603554	0.0007447	-0.08189	0.0007256	.
rs6685088	1	146708167	0.0007447	0.04581	0.0009361	FMO5(+11.24kb) CHD1L(-6.123kb)
rs55915919	5	56818832	0.0007451	-0.09551	0.0007643	.
rs3737846	1	146727593	0.0007457	-0.0814	0.0009469	CHD1L(0)
rs6556880	5	95124858	0.0007459	-0.0419	0.0007555	RHOBTB3(0)
rs955013	3	153099036	0.0007466	0.04289	0.0008073	.
rs1447434	3	63045504	0.0007467	-0.1006	0.0007018	.
rs1447435	3	63045212	0.0007467	-0.1006	0.0007018	.
rs4688362	3	63047410	0.0007467	-0.1006	0.0007018	.
rs9837096	3	63047581	0.0007467	-0.1006	0.0007018	.
rs2552035	2	36507300	0.0007469	0.04225	0.0005779	.
rs4870913	8	125631281	0.0007469	0.05403	0.0007505	MTSS1(0)
rs993466	2	66095378	0.0007469	-0.06065	0.0008645	.
rs7233654	18	57132339	0.0007476	0.1967	0.0008229	CCBE1(0)
rs6473848	8	54457570	0.0007479	-0.09458	0.0006264	.
rs62249123	3	60611268	0.0007483	-0.06236	0.0007785	FHIT(0)
rs1187237	18	35345062	0.0007503	0.1265	0.0007942	.
rs4854139	2	3213676	0.0007504	-0.1162	0.0009092	TSSC1(0)
rs540495	3	170470660	0.0007506	0.05282	0.0006387	.
rs2202521	18	5151205	0.0007521	0.04926	0.0008593	.
rs1454542	2	221204882	0.0007525	-0.05346	0.0008715	.
rs11216427	11	98547202	0.0007532	0.05929	0.0006467	.
rs427546	18	20280271	0.0007533	0.04559	0.0007163	.
rs11811514	1	116826512	0.0007534	0.04574	0.0008051	.
rs12422982	12	114066003	0.0007535	-0.04184	0.0007105	.
rs140085	22	32129456	0.0007539	0.0771	0.0008302	.
rs12663537	6	43210695	0.0007541	0.04329	0.0006789	TTBK1(-0.526kb) PARC(+18.37kb) C

rs2101980	6	92562268	0.0007542	-0.0516	0.0008597	.
rs6703317	1	86378429	0.0007544	0.04529	0.0007311	COL24A1(0)
rs677614	7	138640201	0.0007559	0.04467	0.0008145	.
rs12960196	18	57208218	0.0007564	0.1815	0.000874	CCBE1(0)
rs34581296	18	57207051	0.0007564	0.1815	0.000874	CCBE1(0)
rs12493667	3	116444055	0.0007572	-0.1013	0.0007007	.
rs1432363	3	116444705	0.0007572	-0.1013	0.0007007	.
rs16842062	1	223908780	0.0007574	0.09952	0.0006559	CAPN2(0)
rs35541945	4	81474644	0.0007578	-0.07356	0.0009544	C4orf22(0)
rs12606673	18	68433668	0.0007593	0.04579	0.0008327	.
rs2567039	3	88097024	0.0007593	0.09817	0.0007504	CGGBP1(-4.075kb)
rs152585	5	106787266	0.0007595	-0.04437	0.0008696	EFNA5(0)
rs7691249	4	58379153	0.0007596	-0.05206	0.0006998	.
rs11580689	1	223906640	0.0007607	0.09926	0.0006741	CAPN2(0)
rs11581716	1	223908067	0.0007607	0.09926	0.0006741	CAPN2(0)
rs28370029	1	223907538	0.0007607	0.09926	0.0006741	CAPN2(0)
rs5007371	1	102411122	0.0007609	0.0426	0.0007801	OLFM3(0)
rs55765485	6	87448734	0.0007609	0.04156	0.0008062	.
rs13277714	8	117791528	0.0007613	0.0671	0.0007276	UTP23(+7.331kb)
rs1325181	6	87439714	0.0007616	0.04168	0.0008144	.
rs62154873	2	98726837	0.0007622	0.05008	0.0006835	VWA3B(0)
rs12062831	1	224876439	0.000763	-0.1478	0.0007313	CNIH3(0)
rs12088524	1	224876060	0.000763	-0.04767	0.0007313	CNIH3(0)
rs12141649	1	223665301	0.000763	-0.04767	0.0007278	.
rs491811	9	138544365	0.000763	0.0528	0.0007992	LCN9(-10.8kb) GLT6D1(+12.98kb)
rs6132239	20	19867042	0.000763	0.04153	0.0007602	RIN2(-3.167kb)
rs6007210	22	45007266	0.0007631	0.1064	0.0007197	.
rs7685529	4	139155804	0.0007632	-0.04208	0.0009101	SLC7A11(0)
rs1242923	14	23074509	0.0007636	-0.04372	0.0007178	DAD1(+16.37kb) ABHD4(0)
rs299216	5	118396228	0.0007639	-0.05627	0.0007398	DMXL1(-10.86kb)
rs2689787	7	79334324	0.0007642	-0.04175	0.0008589	.
rs12429115	13	38596233	0.0007643	-0.05981	0.000871	.
rs12853478	13	38597452	0.0007643	-0.05981	0.000871	.
rs12413383	10	27063560	0.0007649	-0.05426	0.0008339	ABI1(0)
rs13247370	7	12514632	0.0007653	-0.06071	0.0007976	.
rs61603030	1	224854415	0.0007655	-0.04766	0.0007172	CNIH3(0)
rs4771558	13	107869646	0.0007658	0.04137	0.0007399	FAM155A(0)
rs55790218	2	217797568	0.0007659	0.1299	0.0008671	.
rs105199	22	45929577	0.0007662	0.06342	0.000708	FBLN1(0)
rs1403271	2	57540355	0.0007666	-0.062	0.0006243	.
rs760335	14	94814944	0.0007667	-0.04111	0.000807	.
rs6124159	20	38135694	0.0007672	0.04165	0.0007732	.
rs11107495	12	94672306	0.0007673	-0.1338	0.0007457	PLXNC1(0)
rs152584	5	106790327	0.0007673	-0.04444	0.0008766	EFNA5(0)
rs737084	22	32268400	0.0007674	0.05526	0.0007154	DEPDC5(0)
rs1577883	13	38592497	0.0007677	-0.06023	0.0008783	.
rs2967832	5	3793054	0.0007683	0.08431	0.0008006	.

rs10958003	8	51555678	0.0007684	0.0611	0.000781	SNTG1(0)
rs11991963	8	51555943	0.0007684	0.0611	0.000781	SNTG1(0)
rs10434310	4	188170299	0.0007692	0.04335	0.0008323	.
rs1608514	7	79332947	0.0007695	-0.04195	0.0008078	.
rs2486163	1	47004680	0.0007697	0.05008	0.0008905	MKNK1(-18.41kb) KNCN(-6.635kb)
rs8043624	16	74967819	0.0007708	-0.04664	0.0008983	WDR59(0)
rs4665466	2	29759377	0.000771	-0.06701	0.0007978	ALK(0)
rs1781269	9	8234239	0.0007712	0.04215	0.0007804	.
rs9287687	2	5395563	0.0007712	0.05787	0.0008256	.
rs2119499	4	58387793	0.0007724	-0.1202	0.0007064	.
rs58578704	14	25697200	0.0007724	-0.0518	0.0007288	.
rs34797069	2	221207108	0.0007727	-0.05335	0.0009128	.
rs16956609	16	66549280	0.0007734	0.1172	0.0008167	TK2(0)
rs12667972	7	25553702	0.0007735	0.05683	0.0006248	.
rs2649105	8	118285854	0.0007742	-0.04253	0.0009277	.
rs10413286	19	5595354	0.0007745	-0.04262	0.0006441	SAFB2(0)
rs12699381	7	12527026	0.0007748	-0.06102	0.0008052	.
rs6999367	8	13171706	0.000775	0.09124	0.0007634	DLC1(0)
rs62319742	4	124581262	0.0007755	-0.1105	0.0007759	.
rs6985638	8	13170244	0.0007761	0.09116	0.0007725	DLC1(0)
rs1018651	13	70742241	0.0007763	0.1668	0.0008216	.
rs12430969	13	70743395	0.0007763	0.1668	0.0008216	.
rs2498507	13	70738363	0.0007763	0.1668	0.0008216	.
rs2743607	6	19582396	0.0007768	-0.1012	0.0007218	.
rs518150	9	138544901	0.0007768	-0.08074	0.000752	LCN9(-10.27kb) GLT6D1(+13.52kb)
rs7637280	3	63072560	0.0007768	0.04219	0.000709	.
rs28435921	8	77892834	0.000777	0.04303	0.0008129	PXMP3(0)
rs10022231	4	94724040	0.0007774	0.05922	0.0007877	.
rs10050093	4	94723779	0.0007774	0.04209	0.0007877	.
rs11216426	11	98547169	0.0007774	0.04209	0.0006646	.
rs243864	16	55512322	0.0007778	0.04916	0.0008799	MMP2(-0.758kb)
rs2095672	13	38592843	0.000778	-0.05979	0.0008842	.
rs3746891	21	43161357	0.0007784	0.1412	0.0007861	RIPK4(0)
rs3755847	4	5815929	0.0007786	-0.05535	0.0007646	EVC(0) CRMP1(-6.561kb)
rs885913	6	30174428	0.0007796	0.06028	0.0008522	TRIM26(0)
rs7925551	11	1729250	0.0007798	0.09211	0.0008043	KRTAP5-6(+10.27kb) HCCA2(0)
rs59092150	18	68394809	0.0007806	0.04585	0.0008994	.
rs61319814	18	68394823	0.0007806	0.04585	0.0008994	.
rs2736899	14	94823220	0.0007807	0.04108	0.0008133	SERPINA1(-19.86kb)
rs16956603	16	66546790	0.0007808	0.1171	0.0008227	TK2(0)
rs1671403	8	13174730	0.000781	0.06549	0.0008418	DLC1(0)
rs919586	8	13174671	0.000781	0.06549	0.0008418	DLC1(0)
rs12151793	2	215272595	0.0007811	0.05852	0.0008374	SPAG16(0) LOC402117(-3.865kb)
rs13086798	3	41626139	0.0007828	0.05385	0.0008062	ULK4(0)
rs7843746	8	775025	0.0007828	0.04725	0.0008311	.
rs1529222	18	68389709	0.0007831	0.04591	0.0008918	.
rs11732567	4	188175565	0.0007837	0.04266	0.0008527	.

rs10871676	18	68577811	0.0007841	0.04239	0.0009495	.
rs12027686	1	103182910	0.0007842	0.08758	0.0006025	.
rs12028639	1	103183729	0.0007842	0.08758	0.0006025	.
rs12029870	1	103188552	0.0007842	0.08758	0.0006025	.
rs59348970	1	103185122	0.0007842	0.08758	0.0006025	.
rs1454564	2	221180941	0.0007844	-0.05274	0.0009039	.
rs3177567	17	9816631	0.000786	0.04306	0.0007673	RCVRN(+7.947kb) GAS7(0)
rs57650377	4	81409925	0.0007862	-0.06213	0.0009488	C4orf22(0)
rs6431872	2	5399337	0.0007867	0.04204	0.000829	.
rs12422699	12	114066019	0.0007872	-0.0417	0.0007549	.
rs2074491	6	31239896	0.0007873	-0.05885	0.000902	HLA-C(+0.041kb)
rs7319556	13	75061666	0.0007877	0.04121	0.0006878	.
rs2743616	6	19597331	0.0007883	0.04435	0.0007279	.
rs7701097	5	33224629	0.0007883	-0.08067	0.0009254	.
rs9465455	6	19593807	0.0007883	-0.08067	0.0007279	.
rs35876438	4	32800700	0.0007891	0.04827	0.0007911	.
rs11737407	4	77359789	0.0007893	0.05345	0.0009114	SHROOM3(0)
rs1409585	13	75060578	0.0007899	0.04119	0.0006917	.
rs58643379	7	156558952	0.0007899	0.04119	0.0007049	LMBR1(0)
rs7338054	13	75061012	0.0007899	0.05883	0.0006917	.
rs1416943	9	120150050	0.00079	-0.05103	0.0009392	ASTN2(0)
rs36130652	13	38613535	0.0007906	-0.06108	0.0009039	.
rs6725737	2	41155423	0.000791	0.1367	0.0008686	.
rs6510354	19	33614855	0.0007911	-0.07011	0.0008641	WDR88(-8.142kb) GPATCH1(0)
rs10216485	8	51550004	0.0007913	0.06098	0.0008049	SNTG1(0)
rs10216995	8	51549845	0.0007913	0.06098	0.0008049	SNTG1(0)
rs11997602	8	51549559	0.0007913	0.06098	0.0008049	SNTG1(0)
rs1383799	8	95300063	0.0007924	-0.04252	0.0008131	.
rs1695725	8	118289276	0.0007924	0.1456	0.0008218	.
rs4576176	5	118453771	0.0007927	-0.0572	0.0007909	DMXL1(0)
rs4799729	18	31393521	0.0007931	-0.04058	0.0007072	.
rs7238717	18	31395186	0.0007931	-0.04058	0.0007072	.
rs990882	18	31398180	0.0007931	-0.04058	0.0007072	.
rs35971329	13	38585193	0.0007933	-0.05969	0.0009031	.
rs2824791	21	19757680	0.0007937	0.06991	0.0007654	PRSS7(0)
rs7007250	8	117801441	0.0007939	-0.05103	0.0007678	UTP23(+17.24kb)
rs7915008	10	123025225	0.0007939	0.06331	0.0007626	.
rs1018882	17	67884624	0.0007949	-0.05516	0.0008638	.
rs1018883	17	67884617	0.0007949	-0.05516	0.0008638	.
rs354349	6	66287365	0.0007956	0.0498	0.000776	EGFL11(0)
rs4885197	13	75053287	0.0007957	0.04204	0.0006689	.
rs4932593	15	92519398	0.000796	0.04219	0.0007743	SLCO3A1(0)
rs6426713	1	21803177	0.0007961	-0.04119	0.0007762	NBPF3(0)
rs35711819	3	104844157	0.0007964	-0.05098	0.0007697	.
rs7942500	11	36734609	0.0007981	0.04489	0.0006828	.
rs17755083	9	26685935	0.0007982	-0.05632	0.0009364	.
rs1047342	17	9815580	0.0007987	0.04374	0.0007489	RCVRN(+6.896kb) GAS7(0)

rs62113465	2	5349521	0.0007988	0.04559	0.0008688	.
rs12029492	1	4833747	0.0007993	-0.06577	0.0009926	AJAP1(0)
rs7425501	2	5349911	0.0007994	0.04545	0.0008803	.
rs35363750	18	64042043	0.0008007	-0.05318	0.0009976	.
rs4600560	18	64042795	0.0008007	-0.05318	0.0009976	.
rs34846424	4	188166018	0.0008011	0.04269	0.000902	.
rs993467	2	66095496	0.0008012	0.05458	0.0009299	.
rs3843985	3	104859722	0.0008016	-0.05145	0.0007572	.
rs34085940	5	67038595	0.0008019	-0.04053	0.0008675	.
rs9964702	18	31390427	0.0008019	0.04352	0.0007183	.
rs2103503	8	11652657	0.000802	-0.05379	0.0008576	NEIL2(+7.803kb) FDFT1(-7.532kb)
rs11927968	3	57125727	0.0008023	-0.05405	0.0008506	SPATA12(+16.27kb) IL17RD(0) ARHG
rs10057228	5	133129120	0.0008035	0.08173	0.0007599	.
rs62336486	4	186863550	0.0008035	-0.07699	0.0009384	SORBS2(0)
rs334013	2	179121889	0.0008042	0.04135	0.0008513	OSBPL6(0)
rs1879168	3	148938380	0.0008044	-0.07587	0.000927	CP(0)
rs1879169	3	148938346	0.0008044	-0.07587	0.000927	CP(0)
rs747692	6	33737436	0.0008047	-0.05015	0.0008354	LEMD2(-1.553kb)
rs11819704	10	87234574	0.0008051	-0.04597	0.0008792	.
rs34153972	10	87235262	0.0008051	-0.04597	0.0008792	.
rs11773913	8	10470915	0.0008054	0.05115	0.0007767	RP1L1(0)
rs17151770	7	25544769	0.0008058	0.0565	0.0006618	.
rs59698680	4	170915908	0.0008065	-0.07632	0.0009808	MFAP3L(0)
rs10432402	2	5467135	0.000807	-0.04217	0.0008926	.
rs11066655	12	114073905	0.000807	0.05153	0.0007212	.
rs2445972	6	70471347	0.0008074	0.05352	0.0009226	LMBRD1(0)
rs1474341	7	79327631	0.0008077	-0.04953	0.0008492	.
rs1523846	7	79328033	0.0008077	-0.04178	0.0008492	.
rs2714651	7	79327530	0.0008077	-0.04178	0.0008492	.
rs4467312	2	50826484	0.0008077	-0.04178	0.0007738	NRXN1(0)
rs606678	1	86432168	0.0008078	0.04522	0.0007898	COL24A1(0)
rs7563874	2	215325694	0.0008079	0.06001	0.0008686	LOC402117(0)
rs12361923	11	98524203	0.0008082	0.05387	0.000726	.
rs1379661	21	28929958	0.0008084	-0.07247	0.0009808	.
rs993873	7	48993663	0.0008093	0.04133	0.0007488	.
rs7827306	8	52233276	0.0008098	0.04685	0.0009924	PXDNL(0)
rs17192454	8	13169396	0.0008104	0.09086	0.0008051	DLC1(0)
rs6081790	20	19862917	0.0008108	-0.05404	0.0008676	RIN2(-7.292kb)
rs7008008	8	776864	0.0008117	0.04707	0.0008726	.
rs1499438	8	118284996	0.0008118	-0.04209	0.0008925	.
rs12542148	8	27111265	0.0008119	-0.06464	0.0008665	STMN4(0)
rs11216319	11	98519686	0.000812	0.05291	0.0007234	.
rs256810	5	82260434	0.0008122	0.05244	0.0007866	.
rs12967222	18	68435693	0.0008123	0.04529	0.0009213	.
rs12967132	18	31720928	0.0008127	0.04095	0.0007905	NOL4(0)
rs2256001	21	37341449	0.0008128	0.04162	0.0006617	.
rs3826160	16	66555745	0.0008133	0.115	0.0008601	TK2(0)

rs56886347	16	66556265	0.0008133	0.115	0.0008601	TK2(0)
rs11957144	5	33351008	0.0008139	0.0474	0.0006738	.
rs12697287	5	33356108	0.0008139	0.0474	0.0006738	.
rs1834884	5	33353614	0.0008139	0.0474	0.0006738	.
rs324423	1	46885104	0.0008143	-0.08725	0.0008088	FAAH(+5.584kb)
rs4742477	9	8234638	0.0008143	0.05664	0.0008275	.
rs1780324	1	21821757	0.0008144	-0.03972	0.0008867	NBPF3(+10.36kb) ALPL(-14.1kb)
rs61783463	1	9335124	0.0008144	0.04443	0.0007956	SPSB1(-17.86kb) H6PD(+3.73kb)
rs36159502	1	119247746	0.0008147	0.09986	0.0006797	.
rs9634562	13	107869666	0.0008155	0.04116	0.0007904	FAM155A(0)
rs36173628	4	30876173	0.0008156	-0.04799	0.0008397	PCDH7(0)
rs28397310	6	31234501	0.0008157	-0.06158	0.0009822	HLA-C(-2.027kb)
rs675396	7	138646317	0.0008161	0.04869	0.0009678	.
rs3822753	5	95124328	0.0008167	-0.04165	0.0008089	RHOBTB3(0)
rs1393548	5	3795195	0.0008168	0.08304	0.0008787	.
rs12073052	1	224846750	0.0008178	-0.04741	0.0007646	CNIH3(0)
rs12567125	1	224848066	0.0008178	-0.04741	0.0007646	CNIH3(0)
rs28991270	2	1497342	0.0008181	-0.1009	0.0007896	TPO(0)
rs35176178	9	26702745	0.0008182	-0.05476	0.0009733	.
rs532557	7	138645544	0.0008184	0.04865	0.0009738	.
rs10878574	12	40828264	0.0008197	-0.06103	0.000775	.
rs10411921	19	33608500	0.00082	-0.06858	0.000947	WDR88(-14.5kb) GPATCH1(0)
rs9874051	3	189943401	0.0008202	0.06264	0.0007976	.
rs11827969	11	129797921	0.0008203	0.1093	0.0008746	PRDM10(0)
rs17333600	2	5377640	0.0008203	0.04278	0.0008853	.
rs9349159	6	40595883	0.0008204	-0.05284	0.0009125	.
rs11107524	12	94784130	0.0008206	-0.1686	0.0007607	CCDC41(0)
rs11745241	5	150293872	0.0008212	0.08191	0.000955	ZNF300(+9.481kb)
rs6739798	2	181465853	0.0008213	0.05307	0.0009306	.
rs1047339	17	9815411	0.0008225	0.04358	0.0007857	RCVRN(+6.727kb) GAS7(0)
rs9903165	17	68724984	0.0008226	0.1591	0.0009351	.
rs9836739	3	170520811	0.0008231	0.05245	0.0007325	.
rs3823613	7	156555594	0.0008234	0.05858	0.0007268	LMBR1(0)
rs12432328	14	27304039	0.0008245	0.04809	0.0007508	.
rs9947894	18	31328720	0.0008251	-0.04104	0.0007336	ASXL3(+1.321kb)
rs12287855	11	36728338	0.0008253	0.05401	0.000787	.
rs11761930	7	17623697	0.0008259	0.04759	0.0008617	.
rs8078361	17	26230480	0.0008259	0.04489	0.0007729	LOC201229(+10.07kb)
rs9591115	13	48430407	0.0008264	0.08076	0.0007845	.
rs28397268	6	31164590	0.000827	-0.05077	0.0009665	HCG27(-1.008kb)
rs2445640	1	26788319	0.0008271	0.05713	0.0009314	HMG2(-10.58kb) DHDDS(0)
rs34188827	3	121721523	0.0008281	0.07465	0.0009621	ILDR1(0)
rs2457343	6	20093664	0.0008283	0.08859	0.0008652	MBOAT1(-7.27kb)
rs4635486	2	29746088	0.0008288	-0.06557	0.0008556	ALK(0)
rs4771559	13	107873033	0.0008292	0.04109	0.0007964	FAM155A(0)
rs2380593	2	14497492	0.0008293	-0.04202	0.0009044	.
rs6759693	2	5399202	0.0008296	0.04172	0.0008767	.

rs9904889	17	67861595	0.0008299	-0.05425	0.0009303	.
rs6983957	8	15242827	0.00083	0.04815	0.0007963	.
rs11184906	1	106990652	0.0008301	-0.05858	0.0008873	.
rs1482225	11	98357386	0.0008327	0.04099	0.0007359	.
rs1768574	9	8234235	0.0008328	0.05749	0.0008462	.
rs12088838	1	86364433	0.0008332	0.04449	0.0008045	COL24A1(0)
rs7257817	19	28462580	0.0008333	-0.06602	0.0009872	.
rs2824784	21	19750078	0.0008351	0.06944	0.0008375	PRSS7(0)
rs4951473	1	213082267	0.0008353	-0.05025	0.0008359	FLVCR1(+13.51kb)
rs10866286	4	186866070	0.0008354	0.07936	0.0009592	SORBS2(0)
rs2054050	2	221210316	0.0008361	-0.05301	0.0009607	.
rs10089435	8	91571436	0.0008362	0.1316	0.0008678	.
rs28635136	8	91561899	0.0008362	0.1316	0.0008678	.
rs59462227	8	91563869	0.0008362	0.1316	0.0008678	.
rs976393	2	66094656	0.0008363	0.05331	0.0009719	.
rs58148005	2	57477320	0.0008371	-0.06132	0.0006931	.
rs10892084	11	98515385	0.0008379	0.05243	0.000733	.
rs34835532	16	77983594	0.0008379	-0.05874	0.0009861	KIAA1576(0)
rs7734122	5	169933879	0.000838	0.04134	0.0007572	KCNIP1(0)
rs9982765	21	33576627	0.000838	-0.04255	0.0008884	.
rs1030355	4	124563874	0.0008395	-0.07764	0.0007994	.
rs11791306	9	89966967	0.00084	-0.06579	0.0008725	.
rs10430461	10	65619384	0.0008401	-0.04337	0.0008154	.
rs13236753	7	95422575	0.0008405	0.05084	0.0008329	DYNC111(0)
rs11897844	2	215334760	0.0008407	0.05892	0.0009032	LOC402117(0)
rs11958491	5	145715790	0.000841	-0.09162	0.0007891	POU4F3(-2.885kb)
rs12676431	8	77987068	0.0008411	0.04248	0.0008328	.
rs61976832	14	25318084	0.0008412	0.04782	0.0008189	STXBP6(0)
rs1806655	3	121716240	0.0008417	0.07526	0.0009909	ILDR1(0)
rs2174051	1	86389679	0.0008418	0.04458	0.0008125	COL24A1(0)
rs4377433	22	50568521	0.0008418	0.06125	0.0008493	MOV10L1(0)
rs3736282	3	148939393	0.000842	-0.07482	0.0009508	CP(0)
rs62102311	18	68375242	0.0008428	0.04561	0.0009534	.
rs10273045	7	12519371	0.0008431	-0.04572	0.00088	.
rs13221702	7	12519076	0.0008431	-0.06047	0.00088	.
rs13227809	7	12525557	0.0008431	-0.06047	0.00088	.
rs17448193	7	12525641	0.0008431	-0.06047	0.00088	.
rs35292807	4	138277283	0.0008431	-0.06047	0.0008446	.
rs35317839	7	12524397	0.0008431	-0.06047	0.00088	.
rs4719315	7	12528634	0.0008431	-0.06047	0.00088	.
rs7808537	7	12520913	0.0008431	-0.06047	0.00088	.
rs17151750	7	25536879	0.0008436	0.05675	0.0006805	.
rs17151753	7	25537297	0.0008436	0.05675	0.0006805	.
rs1598054	4	59399590	0.0008438	0.04157	0.0007186	.
rs11221992	11	130046909	0.0008439	-0.1109	0.0008965	ST14(0)
rs854396	14	25301361	0.0008439	0.04398	0.0008522	STXBP6(0)
rs2040106	21	33614709	0.000844	0.04137	0.000883	.

rs60511391	2	57476989	0.000845	0.04886	0.0006972	.
rs996928	18	5144551	0.000845	-0.0613	0.0009227	.
rs9576427	13	38624871	0.0008451	-0.06032	0.0009592	.
rs11088213	21	33613710	0.0008453	0.04148	0.0008715	.
rs6771678	3	68283196	0.0008457	0.04446	0.0007649	FAM19A1(0)
rs3743711	16	66542957	0.0008458	0.1131	0.0009001	TK2(-0.387kb)
rs56275774	2	5350645	0.0008462	0.04564	0.0009145	.
rs9519403	13	105249030	0.0008462	0.04615	0.0008263	.
rs12472335	2	5374488	0.0008464	0.0428	0.0009205	.
rs7704598	5	167735407	0.0008474	0.04331	0.0009085	WWC1(0)
rs61331967	16	77988676	0.0008499	-0.06738	0.0008296	KIAA1576(0)
rs6793537	3	63023857	0.0008506	-0.1048	0.0007715	.
rs7923406	10	87238073	0.0008509	-0.04758	0.0008694	.
rs2211675	21	33553105	0.0008511	-0.0554	0.0008783	.
rs57604597	13	69056059	0.0008511	-0.0554	0.0008796	.
rs59111232	8	95413497	0.0008511	0.04101	0.0007415	RAD54B(0)
rs60896272	13	69056055	0.0008511	0.1484	0.0008796	.
rs28687900	8	118464119	0.0008512	0.04386	0.0008861	.
rs35071721	15	63290705	0.0008524	-0.08958	0.0009015	.
rs9519402	13	105248757	0.0008525	0.0456	0.0008278	.
rs1730538	18	68375442	0.0008527	0.04532	0.0009641	.
rs6986783	8	91620564	0.000853	0.1299	0.0008733	TMEM64(-15.04kb)
rs7778562	7	156562222	0.0008533	0.05927	0.0007562	LMBR1(0)
rs12677622	8	77981645	0.0008537	0.04227	0.0008584	.
rs11993257	8	91583943	0.0008541	0.1305	0.0008904	.
rs7683623	4	81443844	0.0008546	-0.0612	0.0009931	C4orf22(0)
rs8066555	17	72222024	0.0008549	-0.1499	0.000888	TTYH2(0) RPL38(+16kb)
rs434182	18	20282856	0.000855	0.04502	0.0008263	.
rs17471624	16	89631665	0.0008559	-0.05793	0.0008077	SPG7(+7.491kb) RPL13(+1.817kb) C
rs13093136	3	97637310	0.0008562	-0.04293	0.0008702	DKFZp667G2110(0)
rs1032791	6	66166420	0.0008564	0.0477	0.0008436	EGFL11(0)
rs2255287	6	92559843	0.000857	-0.05477	0.0008524	.
rs11986619	8	13146491	0.0008573	-0.1005	0.0008861	DLC1(0)
rs28991272	2	1498207	0.0008573	-0.1005	0.0008272	TPO(0)
rs28991275	2	1498252	0.0008573	0.08569	0.0008272	TPO(0)
rs1567596	4	184301110	0.0008576	-0.04987	0.0009179	.
rs6595175	5	118444434	0.0008579	-0.05661	0.0008648	DMXL1(0)
rs7648286	3	143888701	0.000858	0.0825	0.0008902	.
rs11761987	7	17623897	0.0008583	0.04463	0.0008838	.
rs11690930	2	193053136	0.0008587	-0.06741	0.0008338	TMEFF2(0)
rs16834274	2	193052661	0.0008587	-0.06741	0.0008338	TMEFF2(0)
rs2725277	8	48672124	0.0008587	-0.09102	0.0008964	PRKDC(-13.54kb)
rs9404983	6	31166828	0.000859	-0.0504	0.0009881	HCG27(0)
rs6886489	5	33234581	0.0008591	0.04688	0.0009182	.
rs9926780	16	83394702	0.0008597	-0.1188	0.0008678	CDH13(0)
rs61883261	11	20984205	0.0008598	0.09609	0.0009759	NELL1(0)
rs4839066	1	116812376	0.0008609	0.04498	0.0009586	.

rs11081827	18	31390228	0.0008619	-0.04032	0.0007699	.
rs11753083	6	33761111	0.0008621	-0.05004	0.0008778	MLN(-1.337kb) LEMD2(+4.215kb)
rs7542296	1	46998009	0.0008627	0.04927	0.0009769	KNCN(-13.31kb) DMBX1(+18.12kb)
rs7964025	12	115852309	0.0008631	-0.0477	0.0007593	.
rs9354248	6	66166838	0.0008637	0.04972	0.0008507	EGFL11(0)
rs931654	6	92561978	0.0008649	-0.0509	0.0009729	.
rs62415363	6	43212262	0.0008651	0.04996	0.0007608	TTBK1(0) PARC(+19.94kb) C6orf108
rs13009801	2	29764355	0.0008652	0.04523	0.0008902	ALK(0)
rs4566276	18	68383835	0.0008652	-0.0663	0.0009855	.
rs6013148	20	49955158	0.0008653	0.1764	0.0008413	.
rs9345642	6	66208634	0.0008654	0.0503	0.0008026	EGFL11(0)
rs816189	12	117991734	0.0008656	0.04183	0.0009046	KSR2(0)
rs11033750	11	36728603	0.000866	0.05385	0.0008199	.
rs4917192	7	49000747	0.0008661	0.04118	0.000801	.
rs2574943	10	52025167	0.0008667	0.05924	0.000914	ASAH2(+16.85kb)
rs7819283	8	142598202	0.0008675	0.04975	0.0008496	.
rs131254	22	32131022	0.0008677	0.07616	0.0009626	DEPDC5(-19.05kb)
rs9357113	6	31149091	0.0008682	-0.05285	0.0009501	TCF19(+17.1kb) POU5F1(+10.64kb)
rs7583697	2	215273421	0.0008685	0.05805	0.0009283	SPAG16(0) LOC402117(-3.039kb)
rs12156134	8	11675598	0.0008686	-0.05106	0.0008962	FDFT1(0)
rs9494145	6	135432552	0.0008686	-0.05649	0.0008459	.
rs12028223	1	107025500	0.0008687	-0.05864	0.0009965	.
rs12326847	18	3403308	0.0008694	-0.05226	0.0007622	TGIF1(-8.763kb)
rs6831022	4	58394009	0.0008707	-0.05189	0.00086	.
rs10944816	6	66286923	0.0008708	0.04923	0.0008247	EGFL11(0)
rs2743604	6	19569095	0.0008711	-0.08183	0.0007919	.
rs28678238	8	54575605	0.0008724	-0.09427	0.0007396	.
rs28701586	8	54575481	0.0008724	-0.09427	0.0007396	.
rs28400375	8	91598346	0.0008725	0.1287	0.0009081	.
rs11215594	11	98352409	0.0008735	0.04086	0.0008166	.
rs2106693	15	91821018	0.0008737	-0.06441	0.0009439	SV2B(0)
rs854394	14	25305577	0.0008738	0.04398	0.0008974	STXBP6(0)
rs58705088	5	58219551	0.0008745	-0.08566	0.0009065	.
rs12509813	4	76187243	0.0008752	0.04995	0.0009517	.
rs12510708	4	76187186	0.0008752	0.04995	0.0009517	.
rs1221977	18	49995119	0.0008759	-0.04428	0.0009325	DCC(0)
rs28397297	6	31206948	0.0008764	-0.05527	0.0009016	.
rs61880767	11	21008824	0.0008765	0.08611	0.0009181	NELL1(0)
rs9856741	3	189945500	0.0008766	0.06168	0.0008624	.
rs4669212	2	5447653	0.0008767	-0.0426	0.0009969	.
rs152602	5	106776118	0.0008771	-0.04504	0.0009479	EFNA5(0)
rs2845732	21	37339201	0.0008773	0.04142	0.0007329	.
rs2032189	18	31332200	0.0008777	-0.04107	0.0007778	ASXL3(+4.801kb)
rs17058392	3	41562757	0.0008782	0.0784	0.0008673	ULK4(0)
rs4951309	1	204112406	0.0008784	0.04043	0.0008172	SOX13(+15.54kb) REN(-11.54kb) ET
rs2198453	15	24996502	0.0008795	-0.04177	0.0008768	.
rs34191477	9	88141598	0.0008805	0.1162	0.0008262	AGTPBP1(-19.86kb)

rs1129463	17	9816226	0.0008806	0.04268	0.0008511	RCVRN(+7.542kb) GAS7(0)
rs7122049	11	36731533	0.0008808	0.04495	0.0007425	.
rs4883972	13	75058481	0.0008813	0.04075	0.0007728	.
rs6554540	4	59396216	0.0008814	0.04123	0.0007644	.
rs6969309	7	12515847	0.0008815	-0.06031	0.0009165	.
rs2833744	21	33622504	0.000882	0.04851	0.0009204	C21orf45(-18.02kb)
rs2451174	8	119241587	0.0008822	0.08791	0.0007805	SAMD12(0)
rs506588	9	138544316	0.0008826	0.04105	0.000893	LCN9(-10.85kb) GLT6D1(+12.93kb)
rs10057869	5	58200229	0.0008829	-0.08126	0.0008957	.
rs13328128	5	58200984	0.0008829	-0.08126	0.0008957	.
rs6827217	4	6035453	0.0008832	-0.07795	0.0009138	JAKMIP1(0)
rs304225	3	62796691	0.0008833	-0.07228	0.0009286	CADPS(0)
rs60122876	21	40418098	0.0008837	0.1027	0.0009001	.
rs6996142	8	29920027	0.0008841	-0.06376	0.0009354	TMEM66(-0.603kb)
rs1567597	4	184301020	0.0008845	-0.04924	0.0009586	.
rs11216114	11	98469842	0.0008861	-0.05438	0.0008224	.
rs13298927	9	108857090	0.0008861	0.04754	0.0008366	.
rs56184507	11	62194796	0.0008861	0.064	0.0008738	SCGB1A1(+4.129kb) AHNAK(-6.219kb)
rs1241625	14	25359649	0.0008866	0.04194	0.0009115	STXBP6(0)
rs10203420	2	179153283	0.0008868	0.05932	0.000931	OSBPL6(0)
rs583749	7	138641054	0.0008868	0.04133	0.0009463	.
rs7548260	1	241373109	0.0008868	0.0441	0.0008822	RGS7(0)
rs58796606	2	57477069	0.0008871	-0.06117	0.0007275	.
rs57819090	8	10469340	0.0008872	0.06299	0.0007392	RP1L1(0)
rs9297580	8	119215564	0.0008873	0.08729	0.0007628	SAMD12(0)
rs12203425	6	66127163	0.0008876	0.1541	0.0008506	EGFL11(0)
rs12801174	11	129801374	0.0008876	-0.09341	0.0009022	PRDM10(0)
rs2059494	4	124550182	0.0008876	0.04634	0.0007662	.
rs9345624	6	66134810	0.0008876	0.04634	0.0008506	EGFL11(0)
rs4600964	4	158438385	0.0008885	0.07067	0.0009168	.
rs6994559	8	77908143	0.0008885	0.04271	0.0008958	PXMP3(0)
rs3783207	13	46752704	0.000889	-0.04131	0.0008904	LCP1(0)
rs7237379	18	31322540	0.0008891	0.04144	0.0007666	ASXL3(0)
rs9613135	22	26624817	0.0008892	-0.08811	0.000816	SEZ6L(0)
rs1325180	6	87440015	0.0008896	0.04105	0.0009617	.
rs1937785	9	8232889	0.0008904	0.05627	0.0009034	.
rs11190025	10	101005537	0.0008908	0.05091	0.000852	HPSE2(+9.918kb)
rs963896	1	170102532	0.0008908	-0.07289	0.0008342	.
rs4419383	3	68251421	0.000891	-0.1049	0.0008512	FAM19A1(0)
rs11125703	2	57480673	0.0008913	0.05475	0.0007349	.
rs11125704	2	57480682	0.0008913	-0.06069	0.0007349	.
rs11125707	2	57480767	0.0008913	-0.06069	0.0007349	.
rs1889763	14	33471190	0.0008913	-0.06069	0.0008773	NPAS3(0)
rs7438298	4	58398144	0.0008918	-0.05113	0.0008217	.
rs6968664	7	12515493	0.0008922	-0.06027	0.0009269	.
rs55885446	14	96330443	0.0008925	0.08417	0.0009404	.
rs6756651	2	179161167	0.0008925	0.0414	0.0008825	OSBPL6(0)

rs7189893	16	13667520	0.0008926	0.06197	0.000769	.
rs10080066	5	8438752	0.0008927	-0.1489	0.0008612	.
rs62319741	4	124571895	0.0008929	-0.1046	0.0008575	.
rs2344809	4	158440767	0.0008939	0.06828	0.000907	.
rs4584903	18	31718525	0.0008942	0.04031	0.00082	NOL4(0)
rs1998640	13	107875293	0.000895	0.0414	0.0008536	FAM155A(0)
rs6129356	20	38145814	0.0008958	0.04144	0.0009054	.
rs2690290	7	95448877	0.0008962	-0.04202	0.0008711	DYNC1I1(0)
rs4735750	8	77914918	0.0008972	0.0423	0.000866	PXMP3(+2.394kb)
rs12656194	5	124221498	0.0008978	-0.06566	0.0008254	.
rs9421426	10	123162051	0.0008979	-0.1559	0.0009656	.
rs12240529	10	20782162	0.0008985	-0.1461	0.0009191	.
rs3092055	20	41315694	0.0008985	0.04168	0.0008996	PTPRT(0)
rs816188	12	117991879	0.0008985	-0.04248	0.0009153	KSR2(0)
rs12627805	22	31560831	0.0008986	0.08574	0.0008881	RNF185(0)
rs9530325	13	75064618	0.000899	0.04095	0.0007825	.
rs9530328	13	75064951	0.000899	0.04095	0.0007825	.
rs10512532	17	67891380	0.0008997	-0.05393	0.000913	.
rs4630205	10	91092706	0.0009003	-0.04769	0.0008639	IFIT3(0)
rs17084542	4	55494179	0.0009004	0.05953	0.0009972	.
rs57529261	4	55494855	0.0009004	0.05953	0.0009972	.
rs2172258	3	97657476	0.0009006	-0.04286	0.0009077	MINA(-3.184kb) DKFZp667G2110(0)
rs12434861	14	27312939	0.0009008	0.04787	0.0008434	.
rs12764423	10	132847172	0.0009009	-0.04944	0.0009187	.
rs621994	20	19501009	0.0009009	-0.1548	0.0008305	SLC24A3(0)
rs6697099	1	213083036	0.0009009	0.07178	0.0009072	FLVCR1(+14.28kb)
rs2059860	5	180325	0.000901	0.04687	0.0007639	PLEKHG4B(0) LOC389257(-11.3kb)
rs9360139	6	66284186	0.0009012	0.0489	0.0008775	EGFL11(0)
rs55950621	16	13728931	0.0009013	0.06243	0.00075	.
rs7500279	16	13726906	0.0009013	0.06243	0.00075	.
rs2451176	8	119242005	0.0009014	0.04729	0.0007989	SAMD12(0)
rs4286679	5	33354681	0.0009014	0.08773	0.0007768	.
rs2749530	14	94816299	0.0009022	0.04059	0.0009304	.
rs4688913	3	18116746	0.0009022	0.0569	0.0009216	.
rs60540755	16	66579214	0.0009031	0.1271	0.0009712	TK2(0) CKLF(-7.251kb)
rs12694296	2	213991377	0.0009037	0.04232	0.0009295	IKZF2(0)
rs28679508	8	118464199	0.0009038	0.04362	0.0009353	.
rs10160052	10	20821118	0.000904	-0.1314	0.0008739	.
rs9434751	1	9334566	0.0009041	0.04411	0.0008483	SPSB1(-18.42kb) H6PD(+3.172kb)
rs9543662	13	75066010	0.0009042	-0.04014	0.000817	.
rs854397	14	25287755	0.0009043	0.04271	0.000938	STXBP6(0)
rs2224169	20	41183026	0.0009044	-0.04734	0.0008755	PTPRT(0)
rs7973032	12	82323133	0.0009052	0.1028	0.0009765	.
rs10089529	8	91573803	0.0009053	0.1309	0.0009259	.
rs11157452	14	46144899	0.0009056	0.103	0.0006736	.
rs16915314	10	62424403	0.0009056	0.04859	0.0009454	.
rs11067588	12	115856129	0.0009063	-0.04877	0.0008065	.

rs9840749	3	189943873	0.0009063	0.06162	0.0008842	.
rs62449509	7	12515013	0.0009071	-0.06021	0.0009386	.
rs1749576	1	236421189	0.0009082	0.04864	0.0009452	ERO1LB(0)
rs2345114	14	57141928	0.0009082	0.05147	0.0008297	.
rs13289592	9	5966898	0.0009087	-0.06493	0.0008948	KIAA2026(0)
rs324421	1	46888905	0.0009112	-0.08645	0.0009061	FAAH(+9.385kb)
rs3750733	10	33623251	0.0009112	-0.08037	0.0009586	NRP1(0)
rs4522824	4	164074747	0.0009115	-0.04204	0.0009025	NAF1(0)
rs12296880	12	32352156	0.0009116	0.09378	0.0009267	BICD1(0)
rs4688898	3	18116950	0.0009121	0.05749	0.0009371	.
rs55850020	17	32710790	0.0009127	0.09842	0.0008688	.
rs56100872	17	32710791	0.0009127	0.09842	0.0008688	.
rs7338422	13	38061397	0.0009128	0.07695	0.0008722	.
rs10111994	8	51558259	0.0009129	0.06019	0.0008694	SNTG1(0)
rs10808845	8	51558649	0.0009129	0.06019	0.0008694	SNTG1(0)
rs6450980	5	33355301	0.0009132	0.04705	0.0007484	.
rs2250298	21	34348105	0.0009139	0.04877	0.0008712	.
rs6553578	4	172508582	0.0009144	0.04993	0.0009238	.
rs4373974	11	113430486	0.0009151	-0.04059	0.0008963	.
rs7073534	10	91091217	0.0009154	-0.04833	0.0009181	IFIT3(0)
rs12650858	4	124461148	0.0009156	0.05931	0.0009885	.
rs56007488	4	124462116	0.0009156	0.05931	0.0009885	.
rs1781273	9	8235328	0.0009158	0.05705	0.0009191	.
rs11141004	9	88131956	0.0009161	0.08881	0.0008579	.
rs2089040	3	143932046	0.0009161	0.1153	0.0009958	.
rs35118959	10	130024129	0.0009163	0.1071	0.0008009	.
rs58622622	3	116427365	0.0009163	-0.09693	0.0008872	.
rs4280213	15	24990071	0.0009165	-0.04174	0.0008672	.
rs7640718	3	189940916	0.000917	0.04441	0.0009044	.
rs10736584	11	99854722	0.0009176	0.04166	0.0009335	CNTN5(0)
rs362089	22	20950473	0.0009176	0.0524	0.0009235	MED15(+8.554kb)
rs11032383	11	33802300	0.0009178	-0.04095	0.0008925	FBXO3(+6.229kb)
rs12032417	1	107019288	0.000918	-0.05794	0.0009867	.
rs6988748	8	91608540	0.0009186	0.1282	0.0009462	.
rs6989081	8	91608795	0.0009186	0.1282	0.0009462	.
rs7007768	8	91609056	0.0009186	0.1282	0.0009462	.
rs11680778	2	179160218	0.0009193	0.04166	0.0008821	OSBPL6(0)
rs17448913	7	12533984	0.0009193	-0.05475	0.0009624	.
rs3868081	6	31206138	0.0009193	-0.05992	0.0009879	.
rs6961238	7	12535428	0.00092	-0.05999	0.0009796	.
rs1079391	8	91627960	0.0009206	0.1331	0.0009583	TMEM64(-7.641kb)
rs670589	13	70734120	0.0009208	0.1644	0.0009745	.
rs17126672	14	54058910	0.000921	0.05315	0.0008484	.
rs60486047	2	221239418	0.0009242	-0.06533	0.0009416	.
rs2490210	9	76265838	0.0009259	0.1965	0.0007913	.
rs11779190	8	51554112	0.0009263	-0.07686	0.0009493	SNTG1(0)
rs11786241	8	51554074	0.0009263	0.0606	0.0009493	SNTG1(0)

rs4833285	4	124565490	0.0009263	0.0606	0.0008855	.
rs12135900	1	77822701	0.000927	-0.05396	0.0009961	AK5(0)
rs10521160	17	9571600	0.0009272	0.05573	0.0008407	USP43(0)
rs10851561	15	54515603	0.0009273	-0.1665	0.0009143	UNC13C(0)
rs9332426	2	199651604	0.0009277	0.04198	0.000848	.
rs12099079	11	98498807	0.0009284	-0.08597	0.0008372	.
rs16925360	11	34282979	0.0009284	0.05542	0.0008153	ABTB2(0)
rs2706878	7	95448362	0.0009288	-0.04129	0.0008933	DYNC1I1(0)
rs9956918	18	31315878	0.0009298	-0.04042	0.0008538	ASXL3(0)
rs60667136	16	66548936	0.0009305	0.1145	0.000961	TK2(0)
rs10883887	10	105357181	0.0009306	0.04107	0.0009135	SH3PXD2A(0) NEURL(+4.878kb)
rs11757524	6	33766212	0.0009311	-0.04963	0.0009506	MLN(0) LEMD2(+9.316kb)
rs28801370	3	189962645	0.0009331	0.06248	0.0009173	.
rs2841666	6	43231741	0.0009338	0.04203	0.0008751	TTBK1(0)
rs9298499	8	48850795	0.0009343	-0.08996	0.0009443	PRKDC(0)
rs7357214	7	48997648	0.0009345	0.04087	0.0008717	.
rs2774960	7	138602417	0.0009346	0.0415	0.0009941	KIAA1549(0)
rs10053774	5	58192460	0.0009349	-0.08261	0.0009847	.
rs13070093	3	60939763	0.0009351	-0.04436	0.0008585	FHIT(0)
rs1241186	1	103312721	0.0009355	0.05144	0.0007942	.
rs1241199	1	103306831	0.0009355	0.05144	0.0007942	.
rs1241200	1	103306477	0.0009355	0.05144	0.0007942	.
rs1263061	1	103302200	0.0009355	0.05144	0.0007942	.
rs12731405	1	103313071	0.0009355	0.05144	0.0007942	.
rs1676510	1	103302534	0.0009355	0.05144	0.0007942	.
rs6536704	4	164083616	0.0009358	-0.04158	0.0009535	NAF1(0)
rs7818952	8	11672899	0.0009368	-0.05602	0.0009515	FDFT1(0)
rs10510720	3	41563441	0.0009371	0.07794	0.0009334	ULK4(0)
rs17058410	3	41563553	0.0009371	0.07794	0.0009334	ULK4(0)
rs2451025	9	76264643	0.0009395	0.1963	0.0008036	.
rs10135646	14	25872178	0.0009397	0.0905	0.0007962	.
rs10111366	8	77982625	0.0009401	-0.04651	0.00093	.
rs10915691	1	224863475	0.0009401	0.1214	0.0008933	CNIH3(0)
rs2288399	16	66565492	0.0009401	0.04195	0.0009967	TK2(0)
rs1869679	6	67385793	0.0009403	0.04371	0.0008413	.
rs62131135	2	29794521	0.0009427	-0.07277	0.0009327	ALK(0)
rs12321350	12	114063496	0.0009434	-0.04124	0.0008954	.
rs16962380	16	13662679	0.0009438	0.06438	0.0008195	.
rs9465461	6	19602406	0.0009441	-0.07922	0.0008652	.
rs12294719	11	36728261	0.0009447	0.05368	0.000891	.
rs13083523	3	68281021	0.0009454	0.045	0.0009162	FAM19A1(0)
rs1565784	18	31358491	0.0009455	-0.04152	0.0008756	.
rs7085361	10	91091212	0.0009456	-0.0483	0.0009435	IFIT3(0)
rs10853297	18	3399058	0.0009461	-0.0517	0.0008135	TGIF1(-13.01kb)
rs11125701	2	57480267	0.0009465	-0.06038	0.0007827	.
rs4702597	5	8906784	0.0009472	0.0419	0.0008683	.
rs28754765	8	80277213	0.0009486	0.04425	0.0008127	.

rs2042190	19	33532716	0.0009493	-0.05332	0.0008839	RHPN2(0)
rs6473847	8	54457471	0.0009511	-0.09225	0.0007904	.
rs2743617	6	19600328	0.0009521	-0.07892	0.0008748	.
rs7788690	7	84974571	0.0009523	0.04321	0.000953	.
rs59847611	17	72208803	0.0009528	-0.1929	0.0009943	TTYH2(-0.892kb) RPL38(+2.784kb)
rs60217659	17	72209091	0.0009528	-0.1929	0.0009943	TTYH2(-0.604kb) RPL38(+3.072kb)
rs58306488	2	57462920	0.0009541	-0.06036	0.0007918	.
rs13211568	6	22573180	0.0009548	-0.04455	0.0008153	HDGFL1(+2.43kb)
rs2817271	6	19580222	0.0009558	-0.07952	0.0008917	.
rs7167110	15	54700120	0.0009566	-0.1365	0.0009742	UNC13C(0)
rs4499602	3	170510715	0.0009568	-0.04062	0.0007956	.
rs7238931	18	31334993	0.0009568	0.05256	0.0008551	ASXL3(+7.594kb)
rs11125702	2	57480335	0.000957	-0.0603	0.0007958	.
rs2501653	6	92548874	0.000957	-0.05425	0.0009927	.
rs1562631	7	17625122	0.0009586	0.0442	0.0009753	.
rs6027060	20	58302395	0.0009591	0.04429	0.0009401	PHACTR3(0)
rs259216	19	33138921	0.0009595	-0.0428	0.0008561	ANKRD27(0)
rs1562630	7	17625437	0.0009596	0.04502	0.0009512	.
rs4687129	3	189950046	0.0009597	0.06499	0.0009596	.
rs539547	3	170470536	0.0009612	0.05135	0.0008122	.
rs13211957	6	22573415	0.0009629	-0.04427	0.0008287	HDGFL1(+2.665kb)
rs6667008	1	86392912	0.0009643	0.04408	0.0009671	COL24A1(0)
rs13302199	9	88167717	0.0009647	0.1172	0.0009041	AGTPBP1(0)
rs34915251	9	88187825	0.0009647	0.1172	0.0009041	AGTPBP1(0)
rs35489371	9	88198365	0.0009647	0.1172	0.0009041	AGTPBP1(0)
rs7037340	9	88170937	0.0009647	0.1172	0.0009041	AGTPBP1(0)
rs9354249	6	66166861	0.0009656	0.04927	0.0009832	EGFL11(0)
rs1750330	1	119493411	0.0009658	-0.0413	0.0008896	TBX15(0)
rs6660933	1	213082908	0.0009666	-0.04922	0.0009545	FLVCR1(+14.15kb)
rs6663568	1	213082921	0.0009666	-0.04922	0.0009545	FLVCR1(+14.16kb)
rs4654938	1	21785981	0.0009668	-0.04387	0.0009254	NBPF3(0)
rs10105989	8	139148343	0.0009684	0.04188	0.0008705	FAM135B(0)
rs3092230	20	39583017	0.0009691	0.04352	0.0009075	.
rs1241179	1	103322341	0.0009715	0.05144	0.0008215	COL11A1(-19.68kb)
rs1241194	1	103317472	0.0009715	0.05144	0.0008215	.
rs1261690	1	103324881	0.0009715	0.05144	0.0008215	COL11A1(-17.14kb)
rs899019	1	103319338	0.0009715	0.05144	0.0008215	.
rs12439336	15	24986453	0.0009722	-0.04156	0.0009668	.
rs10155216	4	158451145	0.0009743	0.07247	0.0007678	.
rs2191299	7	48997892	0.0009762	0.04075	0.0009113	.
rs1154758	5	162716850	0.0009763	-0.04012	0.0009585	.
rs9342482	6	66223843	0.0009768	0.04797	0.0009612	EGFL11(0)
rs506071	1	110372709	0.0009769	-0.04479	0.0009301	.
rs12494960	3	116435140	0.0009786	-0.09743	0.0009274	.
rs12032751	1	86407927	0.0009789	0.04384	0.0009564	COL24A1(0)
rs1039265	1	224840295	0.0009791	-0.04677	0.000921	CNIH3(0)
rs1988374	6	66188166	0.0009793	0.04739	0.0009048	EGFL11(0)

rs7240763	18	31741946	0.0009798	0.04028	0.0008809	NOL4(0)
rs6590493	11	99864585	0.00098	0.04123	0.0009778	CNTN5(0)
rs698697	11	99863147	0.00098	0.04123	0.0009778	CNTN5(0)
rs413533	18	20280387	0.0009804	0.04466	0.0009387	.
rs11199872	10	123031190	0.0009805	-0.05016	0.0009441	.
rs17414362	2	43969482	0.0009808	-0.05044	0.0008412	PLEKHH2(0)
rs4782795	16	83491266	0.0009814	-0.04164	0.0009438	CDH13(0)
rs9530322	13	75062950	0.0009817	-0.03997	0.0009104	.
rs2877396	17	50831842	0.0009828	0.04964	0.0009861	.
rs6536732	4	164366036	0.0009847	-0.06786	0.0009719	.
rs261178	5	4328117	0.0009854	-0.04139	0.0009241	.
rs4729207	7	95443391	0.0009861	0.04183	0.0009938	DYNC11(0)
rs2616002	1	103326581	0.0009867	0.05138	0.0008339	COL11A1(-15.44kb)
rs8000424	13	71912064	0.0009868	-0.09948	0.0009137	.
rs1676507	1	103328063	0.0009879	0.05132	0.0008414	COL11A1(-13.96kb)
rs1676508	1	103328070	0.0009879	0.05132	0.0008414	COL11A1(-13.95kb)
rs4689601	4	7116025	0.0009883	-0.06672	0.0008939	.
rs12973480	19	18809694	0.0009892	0.0681	0.0008326	CRTC1(0)
rs28374736	4	185499739	0.0009896	-0.04605	0.0009328	.
rs10265774	7	156525513	0.00099	0.05901	0.0008882	LMBR1(0)
rs16832570	1	160927294	0.0009905	-0.107	0.0008764	ITLN2(+2.705kb)
rs12275435	11	132916692	0.0009921	-0.05518	0.0009443	OPCML(0)
rs2736901	14	94820806	0.0009921	0.04731	0.0009607	.
rs2385029	1	236044714	0.0009936	0.06855	0.000982	LYST(+14.49kb)
rs4962246	9	140451881	0.0009948	0.0489	0.0008083	WDR85(0) PNPLA7(+6.895kb) MRPL41
rs8021246	14	46161379	0.0009966	0.0479	0.0007506	.
rs7526224	1	145431073	0.0009977	-0.1259	0.0009981	TXNIP(-7.388kb) HFE2(+13.53kb)

PC3

SNP	CHR	BP	p_plink	beta_plink	p_emmax	Annotation
rs12955474	18	57152038	3.57E-07	-0.09901	3.16E-07	CCBE1(0)
rs62459614	7	70587145	1.62E-06	0.1895	1.55E-06	WBSCR17(-10.64kb)
rs62459619	7	70598935	1.65E-06	0.1893	1.58E-06	WBSCR17(0)
rs6904029	6	29943067	2.57E-06	-0.04637	1.97E-06	HLA-A29.1(0) HCG9(0)
rs62459621	7	70601619	3.28E-06	0.1865	3.06E-06	WBSCR17(0)
rs62459620	7	70600296	3.29E-06	0.1862	3.16E-06	WBSCR17(0)
rs17142527	7	70581632	3.52E-06	0.181	3.39E-06	WBSCR17(-16.16kb)
rs4719068	7	70578999	3.52E-06	0.181	3.39E-06	WBSCR17(-18.79kb)
rs4719069	7	70579250	3.52E-06	0.181	3.39E-06	WBSCR17(-18.54kb)
rs4719071	7	70583888	3.52E-06	0.181	3.39E-06	WBSCR17(-13.9kb)
rs17170356	7	146887868	3.62E-06	0.1547	3.43E-06	CNTNAP2(0)
rs12457023	18	57147679	3.97E-06	-0.1127	3.47E-06	CCBE1(0)
rs4674973	2	226019278	3.99E-06	0.04273	5.29E-06	.
rs35333254	4	14438810	4.91E-06	0.06521	4.83E-06	.
rs12622774	2	226015740	0.0000051	0.04247	6.46E-06	.
rs34205853	4	14467695	0.0000051	0.0643	5.62E-06	.

rs12694651	2	226017980	5.41E-06	0.04187	7.05E-06	.
rs4674974	2	226019283	5.47E-06	0.04175	7.22E-06	.
rs1501172	4	14438109	5.85E-06	0.06466	5.99E-06	.
rs28403928	2	226015427	5.91E-06	0.04162	7.71E-06	.
rs7594648	2	156535853	6.04E-06	0.0443	5.45E-06	.
rs4674975	2	226019547	0.0000067	0.04142	8.76E-06	.
rs11900861	2	226014843	6.77E-06	0.0421	6.91E-06	.
rs753163	2	226027242	7.05E-06	0.04143	9.14E-06	.
rs726553	2	226016494	7.11E-06	0.04134	9.09E-06	.
rs13390791	2	226013068	7.69E-06	0.04154	0.0000103	.
rs5008002	7	70590557	8.15E-06	0.1719	7.92E-06	WBSCR17(-7.231kb)
rs13118489	4	14471739	8.22E-06	0.06245	9.13E-06	.
rs1958581	14	34801599	8.27E-06	-0.1353	7.83E-06	.
rs62459615	7	70591637	8.28E-06	0.1719	7.99E-06	WBSCR17(-6.151kb)
rs62459616	7	70595329	8.28E-06	0.1719	7.99E-06	WBSCR17(-2.459kb)
rs10208211	2	226021689	0.0000083	0.041	0.0000113	.
rs11883449	2	226022785	8.53E-06	0.04097	0.0000115	.
rs753161	2	226027448	8.76E-06	0.04104	0.0000113	.
rs3823355	6	29942083	8.82E-06	-0.04339	7.08E-06	HLA-A29.1(0) HCG9(-0.808kb)
rs7596187	2	226023225	9.49E-06	0.04074	0.0000128	.
rs13424636	2	226002959	9.88E-06	0.04089	0.0000139	.
rs7340337	2	226049711	0.00001	0.04135	0.000013	.
rs4962340	10	128152645	0.0000101	0.0396	0.0000144	C10orf90(0)
rs2139036	2	156511426	0.0000103	0.04321	9.21E-06	.
rs57175349	4	90860516	0.0000103	0.08373	0.0000097	MMRN1(0)
rs10194215	2	226007402	0.0000106	0.04053	0.0000154	.
rs13396047	2	226002138	0.0000107	0.04061	0.0000157	.
rs1579953	2	226011333	0.0000108	0.04111	0.0000118	.
rs13390498	2	226050066	0.0000109	0.04114	0.000014	.
rs3823353	6	29942045	0.0000113	-0.04295	9.01E-06	HLA-A29.1(0) HCG9(-0.846kb)
rs3823354	6	29942051	0.0000114	-0.04291	9.13E-06	HLA-A29.1(0) HCG9(-0.84kb)
rs34917966	4	14519856	0.0000117	0.06135	0.0000126	.
rs17226595	2	156524806	0.0000119	0.04239	0.0000121	.
rs10933081	2	226021024	0.000012	0.04032	0.0000158	.
rs10933082	2	226021070	0.000012	0.04032	0.0000158	.
rs55807827	4	14519714	0.0000121	0.06167	0.0000129	.
rs17417384	4	14511859	0.0000123	0.04025	0.0000132	.
rs17417818	4	14538520	0.0000123	0.06154	0.0000132	.
rs4585020	2	226008873	0.0000123	0.06127	0.0000178	.
rs6916422	6	29938110	0.0000123	-0.04259	0.0000101	HLA-A29.1(0) HCG9(-4.781kb)
rs2394247	6	29930706	0.0000124	-0.04258	0.0000101	HLA-A29.1(0) HLA-A(+17.05kb) HCG
rs4713269	6	29930496	0.0000128	-0.04276	0.0000102	HLA-A29.1(0) HLA-A(+16.84kb) HCG
rs4713270	6	29934697	0.0000133	-0.04239	0.0000114	HLA-A29.1(0) HCG9(-8.194kb)
rs12193100	6	29936914	0.0000134	-0.04237	0.0000109	HLA-A29.1(0) HCG9(-5.977kb)
rs17016396	4	90863170	0.0000138	0.08269	0.0000142	MMRN1(0)
rs6916451	6	29938174	0.0000141	-0.04222	0.0000122	HLA-A29.1(0) HCG9(-4.717kb)
rs4959038	6	29936351	0.0000142	-0.04225	0.0000115	HLA-A29.1(0) HCG9(-6.54kb)

rs6935053	6	29934163	0.0000143	-0.04266	0.0000117	HLA-A29.1(0) HCG9(-8.728kb)
rs1931665	10	99882641	0.0000144	-0.03897	0.0000128	C10orf28(-11.74kb)
rs13410376	2	56305969	0.0000153	-0.189	0.0000137	.
rs6935024	6	29934080	0.0000153	-0.04211	0.0000124	HLA-A29.1(0) HCG9(-8.811kb)
rs3823369	6	29943916	0.0000159	-0.04217	0.0000128	HLA-A29.1(0) HCG9(0)
rs12195260	6	29938455	0.000016	-0.04209	0.0000131	HLA-A29.1(0) HCG9(-4.436kb)
rs4248143	6	29935891	0.0000161	-0.04195	0.0000134	HLA-A29.1(0) HCG9(-7kb)
rs10168130	2	226054275	0.0000165	0.04033	0.000021	.
rs12206499	6	29937127	0.0000165	-0.04201	0.0000134	HLA-A29.1(0) HCG9(-5.764kb)
rs10516278	4	14520438	0.0000166	0.06184	0.0000177	.
rs6436522	2	225989070	0.0000167	0.04004	0.000019	.
rs7420455	2	226038159	0.0000168	0.04019	0.0000218	.
rs4919185	10	99958168	0.0000177	-0.03919	0.0000136	C10orf28(0)
rs10170171	2	226037183	0.0000178	0.03982	0.0000243	.
rs12611785	2	226009233	0.0000178	0.0405	0.0000266	.
rs2071568	6	29943281	0.0000178	-0.04223	0.0000152	HLA-A29.1(0) HCG9(0)
rs34982598	4	14490777	0.0000182	0.06073	0.0000199	.
rs35066870	6	29942639	0.0000182	-0.04184	0.0000148	HLA-A29.1(0) HCG9(-0.252kb)
rs1252921	10	99937651	0.0000183	-0.03901	0.0000142	C10orf28(0)
rs35781152	18	57159095	0.0000192	-0.08061	0.0000173	CCBE1(0)
rs10503028	18	57154357	0.0000194	-0.08054	0.0000175	CCBE1(0)
rs1868426	2	226029704	0.0000194	0.03969	0.0000237	.
rs6914900	6	29934170	0.0000194	-0.04173	0.0000162	HLA-A29.1(0) HCG9(-8.721kb)
rs6935189	6	29934151	0.0000194	-0.04173	0.0000162	HLA-A29.1(0) HCG9(-8.74kb)
rs6935198	6	29934154	0.0000194	-0.04173	0.0000162	HLA-A29.1(0) HCG9(-8.737kb)
rs10181798	2	226049438	0.0000195	0.04003	0.000026	.
rs13129670	4	14497524	0.0000199	0.06047	0.0000215	.
rs36042970	4	14500642	0.0000199	0.06047	0.0000215	.
rs11913039	22	27552018	0.00002	0.1501	0.0000174	.
rs2523935	6	29928838	0.0000201	-0.04181	0.0000161	HLA-A29.1(0) HLA-A(+15.18kb) HCG
rs1470328	2	226051978	0.0000204	0.0401	0.0000263	.
rs6903753	6	29943178	0.0000204	-0.04186	0.0000178	HLA-A29.1(0) HCG9(0)
rs1562015	2	226042265	0.0000208	0.03976	0.0000259	.
rs34515381	2	226023955	0.0000211	0.03978	0.0000281	.
rs4717581	7	70589949	0.0000211	0.1661	0.0000205	WBSCR17(-7.839kb)
rs1557402	18	57159558	0.0000215	-0.08036	0.0000192	CCBE1(0)
rs7591941	2	226030694	0.0000215	0.03997	0.000025	.
rs4629006	17	8548913	0.0000217	0.04147	0.0000188	MYH10(+14.88kb)
rs7605880	2	226030815	0.0000218	-0.04714	0.0000297	.
rs9743896	14	68897426	0.0000218	0.03964	0.000015	RAD51L1(0)
rs12581796	12	106271686	0.0000223	-0.03834	0.0000147	.
rs1501171	4	14523622	0.0000224	0.05884	0.0000205	.
rs4959010	6	29940943	0.0000226	-0.04145	0.0000182	HLA-A29.1(0) HCG9(-1.948kb)
rs60749941	17	8549352	0.0000227	0.04147	0.0000196	MYH10(+15.32kb)
rs16957494	17	8549527	0.0000233	0.04155	0.0000195	MYH10(+15.49kb)
rs12328707	2	226031655	0.0000234	-0.03793	0.0000283	.
rs2275436	1	31898463	0.0000234	0.03954	0.0000334	SERINC2(0)

rs7340314	2	226049494	0.0000234	0.03956	0.0000297	.
rs10184156	2	226034302	0.0000235	0.03952	0.0000286	.
rs10190539	2	226036157	0.0000235	0.03952	0.0000286	.
rs10205794	2	226036621	0.0000235	0.03952	0.0000286	.
rs1443668	2	226032426	0.0000235	0.03952	0.0000286	.
rs1596395	2	226035953	0.0000235	0.03952	0.0000286	.
rs1838202	2	226033618	0.0000235	0.03952	0.0000286	.
rs3845841	2	226031280	0.0000235	0.03952	0.0000286	.
rs7592164	2	226030950	0.0000235	0.03952	0.0000286	.
rs7606961	2	226034912	0.0000235	0.03952	0.0000286	.
rs998465	2	226034590	0.0000235	0.03952	0.0000286	.
rs998979	2	226032999	0.0000235	0.03952	0.0000286	.
rs3926198	7	47841866	0.0000236	0.03743	0.0000231	PKD1L1(0) FLJ21075(0)
rs4641782	17	8548988	0.0000237	0.04134	0.0000206	MYH10(+14.95kb)
rs12195207	6	29938507	0.0000238	-0.04255	0.0000178	HLA-A29.1(0) HCG9(-4.384kb)
rs1420497	8	132692795	0.0000242	-0.05251	0.0000296	.
rs3793692	10	100008436	0.0000243	-0.03844	0.0000194	LOXL4(0) C10orf28(+3.782kb)
rs58930449	4	90848643	0.0000243	0.08052	0.000025	MMRN1(0)
rs12646270	4	90857479	0.0000244	0.1018	0.0000235	MMRN1(0)
rs6597771	10	128154513	0.0000245	0.03789	0.0000336	C10orf90(0)
rs4303582	17	8548941	0.0000246	0.04116	0.0000218	MYH10(+14.9kb)
rs9323510	14	68891325	0.0000248	-0.04664	0.0000175	RAD51L1(0)
rs3812071	5	177575266	0.0000249	0.1155	0.0000249	RMND5B(0) NOLA2(-1.199kb)
rs2571405	6	29934109	0.0000252	-0.03773	0.0000232	HLA-A29.1(0) HCG9(-8.782kb)
rs9420727	10	99958688	0.0000252	0.04108	0.0000206	C10orf28(0)
rs10196099	2	226042862	0.0000255	0.0388	0.0000319	.
rs13426508	2	225991336	0.0000255	0.03928	0.0000336	.
rs1348426	2	226043793	0.0000255	0.03928	0.0000319	.
rs1348427	2	226043808	0.0000255	0.03928	0.0000319	.
rs2120345	2	226042012	0.0000255	0.03928	0.0000319	.
rs2842320	14	68944073	0.0000256	-0.04756	0.000017	RAD51L1(0)
rs12694659	2	226053682	0.0000262	0.03992	0.0000324	.
rs13137033	4	14515202	0.000027	0.04504	0.0000294	.
rs62052135	16	74534034	0.000027	0.06482	0.0000299	GLG1(0)
rs10439361	2	226055210	0.0000271	0.03925	0.0000336	.
rs9420721	10	99936182	0.0000272	-0.0379	0.0000213	C10orf28(0)
rs10450402	10	99990493	0.0000273	-0.03774	0.0000222	LOXL4(-16.95kb) C10orf28(0)
rs1320584	1	31897063	0.0000279	-0.03752	0.0000391	SERINC2(0)
rs7078393	10	99976739	0.000028	-0.03777	0.0000218	C10orf28(0)
rs62545861	9	36797931	0.0000281	0.1413	0.0000306	.
rs10181497	2	226049187	0.0000282	0.03909	0.0000353	.
rs10199596	2	226044243	0.0000282	0.03909	0.0000353	.
rs10439360	2	226055152	0.0000282	0.03909	0.0000353	.
rs12613972	2	226052225	0.0000282	0.03909	0.0000353	.
rs12694653	2	226049058	0.0000282	0.03909	0.0000353	.
rs13387454	2	226040367	0.0000282	0.03909	0.0000353	.
rs13387555	2	226040421	0.0000282	0.03909	0.0000353	.

rs13404966	2	226046972	0.0000282	0.03909	0.0000353	.
rs13423059	2	226044727	0.0000282	0.03909	0.0000353	.
rs13423265	2	226044778	0.0000282	0.03909	0.0000353	.
rs13430908	2	226047149	0.0000282	0.03909	0.0000353	.
rs1345076	2	226039406	0.0000282	0.03909	0.0000353	.
rs1348429	2	226047545	0.0000282	0.03909	0.0000353	.
rs1348430	2	226047177	0.0000282	0.03909	0.0000353	.
rs1470327	2	226051998	0.0000282	0.03909	0.0000353	.
rs1562014	2	226041934	0.0000282	0.03909	0.0000353	.
rs2396217	2	226056245	0.0000282	0.03909	0.0000353	.
rs57201753	2	226052782	0.0000282	0.03909	0.0000353	.
rs7564175	2	226047816	0.0000282	0.03909	0.0000353	.
rs7570102	2	226051188	0.0000282	0.03909	0.0000353	.
rs13430799	2	226047057	0.0000292	0.0394	0.0000401	.
rs6463448	7	47839846	0.0000292	0.03642	0.0000304	PKD1L1(0) FLJ21075(0)
rs1963749	10	99904169	0.0000293	-0.03812	0.0000222	C10orf28(0)
rs62052138	16	74545959	0.0000293	0.0451	0.0000316	GLG1(0)
rs2025625	10	100004996	0.0000297	-0.03784	0.0000249	LOXL4(-2.446kb) C10orf28(+0.342k)
rs4852194	2	81431695	0.0000297	0.03949	0.0000547	.
rs59178279	6	13927510	0.0000297	0.04434	0.0000267	RNF182(0)
rs12773466	10	99976611	0.0000298	-0.03756	0.0000243	C10orf28(0)
rs12780143	10	99949813	0.0000298	-0.03756	0.0000237	C10orf28(0)
rs4919188	10	99974814	0.0000298	-0.03756	0.0000237	C10orf28(0)
rs7071520	10	99952534	0.0000298	-0.03756	0.0000237	C10orf28(0)
rs9419846	10	99971848	0.0000298	-0.03756	0.0000237	C10orf28(0)
rs9420728	10	99960233	0.0000298	-0.03752	0.0000237	C10orf28(0)
rs1838201	2	226033725	0.0000299	0.03901	0.0000371	.
rs7745956	6	13935066	0.0000305	0.04463	0.0000261	RNF182(0)
rs1048757	10	100004441	0.0000306	-0.0375	0.0000252	LOXL4(-3.001kb) C10orf28(0)
rs1359508	10	100003785	0.0000306	-0.0375	0.0000252	LOXL4(-3.657kb) C10orf28(0)
rs1252920	10	99947771	0.0000307	-0.03747	0.0000246	C10orf28(0)
rs12781480	10	99983310	0.0000308	-0.03748	0.000025	C10orf28(0)
rs11851068	14	24120355	0.0000311	0.04789	0.0000278	DHRS2(+5.507kb)
rs2753403	14	68913185	0.0000312	-0.0375	0.0000225	RAD51L1(0)
rs4902582	14	68893008	0.0000312	-0.04609	0.0000218	RAD51L1(0)
rs4919183	10	99953308	0.0000312	-0.04599	0.0000247	C10orf28(0)
rs751264	2	226037824	0.0000312	0.03909	0.0000383	.
rs2165925	2	226036682	0.0000313	0.03676	0.0000392	.
rs561437	13	110936227	0.0000313	0.039	0.0000386	COL4A1(0)
rs779492	6	69888173	0.0000313	0.06484	0.0000312	BAI3(0)
rs12581778	12	106271573	0.0000314	-0.03744	0.000021	.
rs34217499	2	226057371	0.000032	0.03892	0.0000397	.
rs2263704	20	22973047	0.0000322	0.04884	0.0000342	.
rs6113879	20	22971098	0.0000327	0.04931	0.0000343	.
rs10798850	1	31892148	0.0000329	-0.03725	0.0000459	SERINC2(0)
rs4949400	1	31898132	0.0000329	-0.03722	0.000046	SERINC2(0)
rs12175093	6	29936408	0.000033	-0.04212	0.0000269	HLA-A29.1(0) HCG9(-6.483kb)

rs62062534	17	8547880	0.0000331	0.04154	0.0000276	MYH10(+13.84kb)
rs10786399	10	99926655	0.0000335	-0.03736	0.0000266	C10orf28(0)
rs4317916	10	99925666	0.0000335	-0.03736	0.0000266	C10orf28(0)
rs7086585	10	99925879	0.0000335	-0.03736	0.0000266	C10orf28(0)
rs7340338	2	226049755	0.0000335	-0.03736	0.0000416	.
rs7911317	10	99917316	0.0000335	-0.03736	0.0000266	C10orf28(0)
rs9419844	10	99929900	0.0000335	-0.03736	0.0000266	C10orf28(0)
rs9420720	10	99928198	0.0000335	0.03883	0.0000266	C10orf28(0)
rs12897307	14	68895325	0.0000337	-0.04586	0.0000238	RAD51L1(0)
rs10203177	2	226036325	0.0000338	0.03899	0.0000409	.
rs2167005	2	226006998	0.0000338	0.03886	0.0000465	.
rs10135781	14	24118244	0.0000339	-0.03716	0.0000306	DHRS2(+3.396kb)
rs4949403	1	31898279	0.0000339	0.04765	0.0000463	SERINC2(0)
rs11211307	1	47044509	0.0000341	0.1573	0.0000338	MKNK1(0)
rs11158273	14	24117528	0.0000347	0.04828	0.0000296	DHRS2(+2.68kb)
rs10748714	10	99903921	0.000035	-0.03724	0.000029	C10orf28(0)
rs10786396	10	99905825	0.000035	-0.03724	0.000029	C10orf28(0)
rs7909145	10	99907914	0.000035	-0.03724	0.000029	C10orf28(0)
rs2838737	21	46335580	0.0000352	0.05177	0.0000432	ITGB2(0)
rs2175785	20	11585551	0.0000354	0.03669	0.000039	.
rs7079392	10	128153623	0.0000354	0.05462	0.0000434	C10orf90(0)
rs13035373	2	226059615	0.0000355	0.03936	0.0000425	.
rs4478858	1	31883925	0.0000357	-0.03695	0.0000485	SERINC2(-2.037kb)
rs12132936	1	31895931	0.0000365	-0.03689	0.0000519	SERINC2(0)
rs17095582	14	24121331	0.0000368	0.04756	0.0000322	DHRS2(+6.483kb)
rs222619	14	24122098	0.0000368	0.04756	0.0000322	DHRS2(+7.25kb)
rs4902587	14	68905688	0.0000369	-0.04549	0.0000271	RAD51L1(0)
rs11850996	14	24120127	0.0000371	0.04749	0.0000331	DHRS2(+5.279kb)
rs1443667	2	226032555	0.0000374	0.03876	0.0000451	.
rs10836949	11	4943671	0.0000375	-0.03685	0.0000386	OR51G1(-0.932kb) OR51G2(+6.778kb)
rs10836950	11	4944286	0.0000375	0.07388	0.0000386	OR51G1(-0.317kb) OR51G2(+7.393kb)
rs10914383	1	31894402	0.0000375	0.07388	0.0000528	SERINC2(0)
rs4902589	14	68908716	0.0000376	-0.0458	0.0000277	RAD51L1(0)
rs12037108	1	31895394	0.0000381	-0.03681	0.0000537	SERINC2(0)
rs4949398	1	31892847	0.0000381	-0.03681	0.0000537	SERINC2(0)
rs4949399	1	31892911	0.0000381	-0.03681	0.0000537	SERINC2(0)
rs10208492	2	225991716	0.0000382	0.03788	0.0000501	.
rs10177658	2	226056701	0.0000387	0.03859	0.0000507	.
rs7519372	1	104766793	0.0000388	-0.03599	0.0000376	.
rs10439359	2	226054815	0.000039	0.03844	0.0000493	.
rs9357092	6	29984252	0.000039	-0.04109	0.0000326	HLA-A29.1(+7.101kb)
rs4455147	2	226000515	0.0000392	0.03797	0.0000581	.
rs7807877	7	25448939	0.0000397	-0.04553	0.0000579	.
rs1317251	1	31897293	0.0000398	-0.03674	0.000055	SERINC2(0)
rs4949401	1	31898162	0.0000398	-0.03674	0.000055	SERINC2(0)
rs1517931	3	65018403	0.0000399	0.03901	0.0000367	.
rs3750599	10	100013244	0.000041	-0.0371	0.0000338	LOXL4(0) C10orf28(+8.59kb)

rs2331703	14	68906766	0.0000414	-0.04518	0.0000311	RAD51L1(0)
rs2331704	14	68906833	0.0000414	-0.04518	0.0000311	RAD51L1(0)
rs61751560	5	177569969	0.0000417	0.1128	0.0000416	RMND5B(0) NOLA2(-6.496kb) N4BP3(
rs9573665	13	76407668	0.0000418	0.06337	0.0000469	LMO7(0)
rs2765025	1	1296691	0.0000419	-0.1392	0.0000397	MXRA8(+2.776kb) DVL1(+12.2kb) AU
rs56058714	1	1296153	0.0000419	-0.1392	0.0000397	MXRA8(+2.238kb) DVL1(+11.66kb) A
rs11189521	10	99992206	0.0000421	-0.03688	0.0000343	LOXL4(-15.24kb) C10orf28(0)
rs4949402	1	31898234	0.0000422	-0.03676	0.000057	SERINC2(0)
rs7894624	10	99917211	0.0000422	-0.03691	0.0000337	C10orf28(0)
rs3765712	1	3600799	0.0000424	0.07387	0.0000434	TP73(0)
rs10786391	10	99895924	0.0000428	-0.03736	0.0000362	C10orf28(0)
rs61749659	5	177565255	0.0000433	0.1121	0.0000466	RMND5B(0) NOLA2(-11.21kb) N4BP3(
rs11078760	17	8550466	0.0000434	0.04042	0.0000368	MYH10(+16.43kb)
rs4902588	14	68908458	0.0000435	-0.04521	0.0000326	RAD51L1(0)
rs10748715	10	99914261	0.000045	-0.03707	0.000034	C10orf28(0)
rs4248141	6	29935843	0.0000458	-0.04082	0.0000342	HLA-A29.1(0) HCG9(-7.048kb)
rs4919179	10	99927556	0.000047	-0.03658	0.0000385	C10orf28(0)
rs2275435	1	31898536	0.0000475	-0.03644	0.0000657	SERINC2(0)
rs16890532	4	14456828	0.0000477	0.06168	0.0000506	.
rs737656	10	100012739	0.0000479	-0.03652	0.0000402	LOXL4(0) C10orf28(+8.085kb)
rs9792925	1	104764375	0.000048	-0.03616	0.0000381	.
rs11896943	2	195818524	0.0000482	-0.05982	0.0000364	.
rs2525507	14	68938364	0.0000483	-0.04602	0.0000329	RAD51L1(0)
rs10509720	10	99967115	0.0000488	-0.03744	0.0000388	C10orf28(0)
rs6590292	11	127891554	0.0000489	0.03966	0.0000687	.
rs321640	4	48002686	0.0000491	-0.04776	0.0000448	NPAL1(-16.1kb)
rs3134047	8	119822843	0.0000492	-0.06351	0.0000939	.
rs4949209	1	31897963	0.0000499	-0.03637	0.0000676	SERINC2(0)
rs5009448	6	29940488	0.0000507	0.04044	0.0000382	HLA-A29.1(0) HCG9(-2.403kb)
rs2263703	20	22972973	0.0000514	0.0475	0.0000549	.
rs6036277	20	22972608	0.0000514	0.0475	0.0000549	.
rs4233429	1	91099903	0.000052	-0.0397	0.0000554	.
rs13383739	2	226048279	0.0000522	0.03848	0.00006	.
rs10786394	10	99903678	0.0000524	-0.03635	0.0000451	C10orf28(0)
rs10786395	10	99903704	0.0000524	-0.03635	0.0000451	C10orf28(0)
rs11189492	10	99903846	0.0000524	-0.03635	0.0000451	C10orf28(0)
rs10883047	10	99905588	0.0000526	-0.03662	0.000042	C10orf28(0)
rs9380150	6	30010492	0.0000526	-0.04004	0.0000439	ZNRD1(-18.54kb)
rs2152865	13	45351560	0.0000527	-0.05329	0.0000351	.
rs4248140	6	29935798	0.0000533	-0.03825	0.0000423	HLA-A29.1(0) HCG9(-7.093kb)
rs2523968	6	29939148	0.0000543	0.03644	0.0000529	HLA-A29.1(0) HCG9(-3.743kb)
rs34421009	1	204315839	0.0000552	-0.04037	0.0000388	PLEKHA6(0)
rs13136335	4	14454726	0.0000558	0.03769	0.0000599	.
rs9288601	2	226045748	0.0000558	0.061	0.0000697	.
rs9916819	17	16552219	0.0000562	0.04597	0.0000682	ZNF624(0)
rs4468282	10	99918976	0.0000571	-0.03631	0.0000451	C10orf28(0)
rs7532881	1	31880605	0.0000571	-0.03641	0.0000768	SERINC2(-5.357kb)

rs9393984	6	29932738	0.0000574	-0.03987	0.0000478	HLA-A29.1(0) HLA-A(+19.08kb) HCG
rs1934290	1	31884180	0.0000576	-0.03596	0.0000773	SERINC2(-1.782kb)
rs10914375	1	31885859	0.0000578	-0.03589	0.0000792	SERINC2(-0.103kb)
rs7226328	17	16547938	0.0000579	0.0457	0.0000712	ZNF624(0)
rs17351936	4	14526801	0.0000588	0.05434	0.0000593	.
rs4891001	18	73636680	0.000059	0.0475	0.0000494	.
rs7222622	17	16505404	0.000059	-0.05732	0.0000739	ZNF624(-18.64kb)
rs2508035	6	29928487	0.0000607	-0.04023	0.000053	HLA-A29.1(0) HLA-A(+14.83kb) HCG
rs6036278	20	22976484	0.000061	0.04745	0.0000636	.
rs9573667	13	76409823	0.0000611	0.0631	0.0000625	LMO7(0)
rs4713275	6	29937580	0.0000619	-0.03997	0.0000506	HLA-A29.1(0) HCG9(-5.311kb)
rs7545902	1	31884936	0.0000624	-0.03552	0.0000863	SERINC2(-1.026kb)
rs10914376	1	31886564	0.0000626	-0.03554	0.0000868	SERINC2(0)
rs10914377	1	31886833	0.0000626	-0.03554	0.0000868	SERINC2(0)
rs61555389	14	24125374	0.0000631	0.04619	0.0000574	DHRS2(+10.53kb)
rs520391	6	69551494	0.0000641	0.0686	0.0000426	BAI3(0)
rs2612383	18	73639725	0.0000648	-0.05719	0.0000545	.
rs12729234	1	31887505	0.0000651	-0.03573	0.0000908	SERINC2(0)
rs6733762	2	156550745	0.0000651	0.03814	0.0000617	.
rs58432165	2	168097701	0.000066	0.14	0.0000734	XIRP2(0)
rs12096548	1	47054951	0.0000661	0.1517	0.000066	MOBKL2C(-18.43kb) MKNK1(0)
rs13407376	2	225999793	0.0000668	0.03655	0.0000961	.
rs13429522	2	225999105	0.0000668	0.03653	0.0000948	.
rs6107652	20	5534933	0.000067	0.03925	0.0001089	RP5-1022P6.2(0)
rs9959233	18	73650328	0.0000672	-0.06192	0.0000539	.
rs10933080	2	225994216	0.0000674	0.03623	0.0000927	.
rs12328799	2	225994136	0.0000674	0.03623	0.0000927	.
rs13386557	2	225994295	0.0000674	0.03623	0.0000927	.
rs11941715	4	189596123	0.0000681	-0.04835	0.0001126	.
rs1293154	6	70063740	0.0000685	0.04625	0.0000722	BAI3(0)
rs4791678	17	16566673	0.0000685	0.06064	0.0000838	ZNF624(+9.515kb)
rs16890488	4	14450655	0.0000686	0.06035	0.0000734	.
rs35418813	2	226048170	0.0000695	-0.03588	0.0000864	.
rs7532872	1	31880584	0.0000695	0.03755	0.0000925	SERINC2(-5.378kb)
rs7607031	2	127110188	0.0000696	0.05038	0.0000959	.
rs28832984	2	2960751	0.00007	0.05098	0.0000896	.
rs12474357	2	148979105	0.0000701	0.1761	0.0000216	.
rs4959037	6	29936307	0.0000703	-0.03835	0.0000571	HLA-A29.1(0) HCG9(-6.584kb)
rs12621119	2	81436486	0.0000706	0.05685	0.0001323	.
rs10165442	2	226038842	0.000071	0.03821	0.0000852	.
rs755044	2	226038660	0.000071	0.03821	0.0000852	.
rs16890483	4	14448076	0.0000714	0.06021	0.0000763	.
rs2258210	20	22974672	0.0000716	0.04622	0.0000774	.
rs380924	6	29939885	0.0000717	0.03589	0.0000722	HLA-A29.1(0) HCG9(-3.006kb)
rs13415546	2	225995545	0.0000719	0.03644	0.0000975	.
rs4365068	11	127849320	0.0000724	0.04258	0.0000935	.
rs332414	3	124247149	0.0000728	-0.03757	0.0000755	KALRN(0)

rs4391295	6	29935590	0.0000728	-0.03823	0.0000599	HLA-A29.1(0) HCG9(-7.301kb)
rs4538750	6	29935576	0.0000728	-0.03823	0.0000599	HLA-A29.1(0) HCG9(-7.315kb)
rs9295825	6	29941431	0.000073	-0.03971	0.0000602	HLA-A29.1(0) HCG9(-1.46kb)
rs6584169	10	99895246	0.0000733	-0.03556	0.0000649	C10orf28(0)
rs6584170	10	99897782	0.0000733	-0.03556	0.0000649	C10orf28(0)
rs7905388	10	99898281	0.0000742	-0.03577	0.0000623	C10orf28(0)
rs6701521	1	31883295	0.0000748	-0.03514	0.0001038	SERINC2(-2.667kb)
rs13117296	4	14454244	0.0000756	0.0594	0.000082	.
rs13021357	2	240504931	0.0000758	-0.0501	0.0001149	.
rs13195278	6	70018250	0.0000759	0.06018	0.0000775	BAI3(0)
rs16890582	4	14472200	0.0000763	0.05998	0.0000831	.
rs62410138	4	14469847	0.0000763	0.05998	0.0000831	.
rs4396615	18	73644351	0.0000766	-0.05743	0.0000626	.
rs9856553	3	172122511	0.0000771	0.1249	0.0000781	FNDC3B(+4.024kb)
rs6457127	6	29990938	0.0000782	-0.0393	0.0000652	HLA-A29.1(+13.79kb)
rs10987211	9	128983973	0.0000785	0.1037	0.0000778	.
rs34426119	4	90748410	0.0000785	0.03794	0.0000817	SNCA(0)
rs7712065	5	94129189	0.0000787	-0.05514	0.0000562	MCTP1(0)
rs2258203	20	22974884	0.0000792	0.04596	0.0000853	.
rs4947244	6	29954364	0.00008	-0.03945	0.0000649	HLA-A29.1(0) HCG9(+8.187kb)
rs11752303	6	29937541	0.0000805	0.04066	0.0000658	HLA-A29.1(0) HCG9(-5.35kb)
rs13141687	4	14563231	0.0000805	-0.03927	0.000068	.
rs28825109	2	2960365	0.0000812	0.05048	0.0001039	.
rs6503133	17	8515636	0.0000817	-0.0767	0.0000638	MYH10(0)
rs12964945	18	73647551	0.0000821	-0.05719	0.000069	.
rs2612381	18	73643845	0.0000821	-0.05719	0.000069	.
rs11591416	10	100023208	0.0000822	-0.03617	0.0000646	LOXL4(0) C10orf28(+18.55kb)
rs2735079	6	29938932	0.0000822	0.03561	0.0000814	HLA-A29.1(0) HCG9(-3.959kb)
rs779470	6	69930064	0.0000826	0.05892	0.0000868	BAI3(0)
rs12193110	6	29937104	0.0000828	-0.03798	0.0000685	HLA-A29.1(0) HCG9(-5.787kb)
rs9890123	17	16508098	0.0000829	0.04655	0.0001009	ZNF624(-15.95kb)
rs6457110	6	29933881	0.0000833	-0.03602	0.0000655	HLA-A29.1(0) HCG9(-9.01kb)
rs11150919	18	73640811	0.0000842	-0.05623	0.0000701	.
rs35144691	9	92126375	0.0000843	-0.04053	0.0000879	.
rs10881536	1	104763247	0.0000845	-0.03426	0.0000795	.
rs56688336	9	119525765	0.0000845	0.1156	0.000116	ASTN2(0)
rs9404952	6	29804165	0.0000851	-0.03555	0.0000533	HLA-G(+5.266kb)
rs6583224	3	197259810	0.0000859	-0.03929	0.0000937	BDH1(0)
rs11189528	10	100023957	0.0000866	-0.03611	0.0000674	LOXL4(0) C10orf28(+19.3kb)
rs3766235	1	47049747	0.0000875	0.1364	0.0000899	MKNK1(0)
rs3750598	10	100011970	0.0000876	-0.03603	0.0000681	LOXL4(0) C10orf28(+7.316kb)
rs1512234	6	69912547	0.0000878	0.05881	0.0000917	BAI3(0)
rs4713274	6	29937493	0.0000883	-0.03943	0.0000698	HLA-A29.1(0) HCG9(-5.398kb)
rs7987641	13	45347334	0.0000884	-0.05139	0.0000598	.
rs2424497	20	22984077	0.000089	0.04583	0.000096	.
rs9366750	6	29941829	0.0000891	-0.03919	0.0000751	HLA-A29.1(0) HCG9(-1.062kb)
rs10429063	7	70537478	0.0000895	0.058	0.0000848	.

rs34896744	1	1297635	0.0000903	-0.1342	0.0000867	MXRA8(+3.72kb) DVL1(+13.14kb) AU
rs779474	6	69923919	0.0000904	0.05869	0.0000947	BAI3(0)
rs17780305	18	57158200	0.0000906	-0.03549	0.0000788	CCBE1(0)
rs7905384	10	99898268	0.0000906	-0.08643	0.0000745	C10orf28(0)
rs6048490	20	22976429	0.0000909	0.04589	0.0000966	.
rs1392907	4	14563534	0.0000911	0.0404	0.000077	.
rs4815169	20	22981729	0.0000913	0.04566	0.0000976	.
rs6048493	20	22980627	0.0000913	0.04566	0.0000976	.
rs6048494	20	22982660	0.0000913	0.04566	0.0000976	.
rs6048496	20	22983829	0.0000913	0.04566	0.0000976	.
rs779487	6	69896122	0.0000913	0.05875	0.0000952	BAI3(0)
rs4711206	6	29987184	0.0000916	-0.03899	0.0000779	HLA-A29.1(+10.03kb)
rs737657	10	100012890	0.0000917	-0.03522	0.0000749	LOXL4(0) C10orf28(+8.236kb)
rs12797923	11	127813659	0.0000918	0.03582	0.0000834	.
rs12458382	18	57157187	0.0000921	-0.08628	0.0000833	CCBE1(0)
rs58740854	3	122700994	0.0000924	-0.1095	0.0000834	SEMA5B(0)
rs6687363	1	181635045	0.0000927	-0.04673	0.0000798	CACNA1E(0)
rs7217717	17	16504697	0.0000929	0.04619	0.0001128	ZNF624(-19.35kb)
rs13034368	2	240503779	0.0000932	-0.04981	0.0001393	.
rs10931008	2	183238919	0.0000935	0.03747	0.0001363	PDE1A(0)
rs16890392	4	14397135	0.0000937	0.05929	0.0000892	.
rs9910087	17	16528866	0.0000938	0.04619	0.0001137	ZNF624(0)
rs701656	6	69949248	0.0000941	0.05969	0.0001033	BAI3(0)
rs62152457	2	81425140	0.0000944	0.05485	0.0001735	.
rs878178	10	100013977	0.0000947	-0.03538	0.0000793	LOXL4(0) C10orf28(+9.323kb)
rs13077136	3	197260879	0.0000948	-0.03993	0.0000992	BDH1(0)
rs1449512	2	225996355	0.000095	0.03572	0.0001244	.
rs1459262	2	72099440	0.000095	0.03725	0.000114	.
rs35278949	9	99120515	0.0000954	-0.03841	0.0000473	SLC35D2(0)
rs35369041	9	99120922	0.0000954	0.1128	0.0000473	SLC35D2(0)
rs6927487	6	29936404	0.0000954	0.1128	0.0000772	HLA-A29.1(0) HCG9(-6.487kb)
rs1518283	2	156526525	0.0000956	0.03729	0.0001	.
rs9399049	6	133263983	0.0000959	0.05611	0.0001171	.
rs62072845	17	16516573	0.000096	0.04645	0.000124	ZNF624(-7.474kb)
rs506622	5	152846195	0.0000963	0.0987	0.0000923	.
rs1039630	1	31881472	0.0000965	-0.03489	0.0001286	SERINC2(-4.49kb)
rs2839939	1	31881637	0.0000965	-0.03489	0.0001286	SERINC2(-4.325kb)
rs1751859	13	40958338	0.0000977	0.1624	0.0000981	.
rs13168960	5	7109836	0.0000992	-0.03918	0.0000848	.
rs62459587	7	70576981	0.0001002	0.145	0.0000971	.
rs6756754	2	127044289	0.0001005	0.0482	0.0001306	.
rs12799956	11	127840676	0.0001018	0.03534	0.0000939	.
rs9934345	16	54194631	0.0001024	0.0766	0.0001026	.
rs10513458	9	128972100	0.0001027	0.03774	0.0000982	.
rs2406722	4	138180160	0.0001031	-0.09712	0.0000866	.
rs13005410	2	156548990	0.0001032	0.03711	0.0000957	.
rs7152152	14	68906285	0.0001034	-0.03958	0.000159	RAD51L1(0)

rs11040898	11	6505271	0.0001044	-0.03653	0.0000986	TRIM3(+10.07kb) FXC1(0) C11orf47
rs6584168	10	99893753	0.0001047	-0.03473	0.0000853	C10orf28(-0.627kb)
rs7088359	10	99891010	0.0001047	-0.03482	0.0000857	C10orf28(-3.37kb)
rs7321487	13	45358537	0.0001047	-0.05149	0.0000702	.
rs59244939	7	25449645	0.0001048	-0.04195	0.000145	.
rs12608168	18	57138071	0.0001052	-0.08429	0.0000949	CCBE1(0)
rs1334461	10	99868267	0.0001054	-0.03466	0.0000858	.
rs16987211	2	20095847	0.0001054	0.07445	0.0000645	WDR35(-14.18kb) TTC32(-0.666kb)
rs10786389	10	99880643	0.000106	-0.03472	0.0000869	C10orf28(-13.74kb)
rs9454722	6	69982854	0.0001062	0.05888	0.0001145	BAI3(0)
rs16959870	17	16524047	0.0001064	0.04501	0.0001264	ZNF624(0)
rs59345481	4	90860123	0.0001064	0.066	0.0001035	MMRN1(0)
rs9567476	13	45352679	0.0001065	-0.05154	0.0000707	.
rs3910312	6	30008746	0.0001068	-0.0385	0.00009	.
rs28751872	17	16552681	0.000107	0.04545	0.0001222	ZNF624(0)
rs996621	10	99857588	0.0001073	0.03421	0.0000971	.
rs1334459	10	99870909	0.0001074	-0.03388	0.0000934	.
rs1611377	6	29680152	0.0001075	0.03748	0.00009	HLA-F(-10.96kb)
rs16890480	4	14447638	0.0001078	-0.03911	0.0001131	.
rs6583226	3	197264343	0.0001078	0.05871	0.0001114	BDH1(0)
rs57305125	17	16502653	0.0001086	0.04617	0.0001302	.
rs11211318	1	47057844	0.0001091	0.1361	0.00011	MOBKL2C(-15.54kb) MKNK1(0)
rs1410699	6	70067347	0.0001091	0.05897	0.0001171	BAI3(0)
rs1425865	11	127874845	0.0001093	0.04161	0.0001386	.
rs4274203	11	127841507	0.0001094	0.03521	0.0000995	.
rs6590290	11	127838575	0.0001094	0.03521	0.0000995	.
rs7942702	11	127839534	0.0001094	0.03521	0.0000995	.
rs12291931	11	127840143	0.0001098	0.03538	0.0001009	.
rs62457652	7	70536069	0.0001099	0.05697	0.0001079	.
rs1449513	2	225997565	0.0001105	0.03535	0.0001544	.
rs2649613	1	1297723	0.0001106	-0.1337	0.0001076	MXRA8(+3.808kb) DVL1(+13.23kb) A
rs16958736	16	69353587	0.000111	0.0573	0.0000703	VPS4A(0) SNTB2(+10.63kb) PDF(-8.
rs4961259	8	142265227	0.0001111	0.03726	0.0001014	.
rs3775467	4	90832608	0.0001114	0.07086	0.0001138	MMRN1(0)
rs7116628	11	127815468	0.0001115	0.03528	0.0001009	.
rs1514632	8	132705354	0.0001116	-0.04898	0.0001288	.
rs12429913	13	76420102	0.0001117	0.07811	0.0001135	LMO7(0)
rs1375902	12	98311450	0.0001122	-0.03529	0.000075	.
rs7776769	7	25449533	0.0001124	-0.04174	0.0001568	.
rs9323511	14	68909388	0.0001125	-0.04328	0.0000851	RAD51L1(0)
rs11211313	1	47049569	0.0001127	0.1358	0.0001137	MKNK1(0)
rs11211314	1	47049610	0.0001127	0.1358	0.0001137	MKNK1(0)
rs11211315	1	47049626	0.0001127	0.1358	0.0001137	MKNK1(0)
rs11211316	1	47050688	0.0001127	0.1358	0.0001137	MKNK1(0)
rs12080601	1	47051874	0.0001127	0.1358	0.0001137	MKNK1(0)
rs12092171	1	47051948	0.0001127	0.1358	0.0001137	MKNK1(0)
rs56089465	1	47049276	0.0001127	0.1358	0.0001137	MKNK1(0)

rs61783120	1	47050220	0.0001127	0.1358	0.0001137	MKNK1(0)
rs61783122	1	47052535	0.0001127	0.1358	0.0001137	MKNK1(0)
rs28826699	17	16506911	0.000113	0.04517	0.0001336	ZNF624(-17.14kb)
rs7807864	7	25448902	0.0001132	-0.0429	0.0001495	.
rs7103370	11	127879208	0.0001133	0.03509	0.0001027	.
rs9405044	6	30006765	0.0001147	-0.03832	0.0000957	.
rs779483	6	69902557	0.0001149	0.05806	0.0001195	BAI3(0)
rs7911699	10	99890470	0.000115	-0.0345	0.0000946	C10orf28(-3.91kb)
rs512971	5	152850264	0.0001151	0.1022	0.0001093	GRIA1(-19.82kb)
rs11221131	11	127887358	0.0001152	0.03536	0.0001037	.
rs4719064	7	70546404	0.0001164	0.05717	0.0001122	.
rs9393987	6	30009169	0.0001175	-0.03827	0.0000979	ZNRD1(-19.87kb)
rs10883054	10	100023614	0.0001179	-0.03556	0.0000879	LOXL4(0) C10orf28(+18.96kb)
rs62457655	7	70543055	0.0001181	0.05944	0.0001204	.
rs62457656	7	70544189	0.0001181	0.05665	0.0001204	.
rs779462	6	69944656	0.0001181	0.05665	0.0001284	BAI3(0)
rs1944297	18	57168446	0.0001186	-0.08523	0.0001072	CCBE1(0)
rs2013053	11	127824351	0.0001188	0.03516	0.0001066	.
rs321639	4	48002549	0.0001188	-0.04449	0.0001076	NPAL1(-16.24kb)
rs2424495	20	22979216	0.0001192	0.04475	0.0001284	.
rs2746618	20	22979073	0.0001192	0.04475	0.0001284	.
rs2015798	11	127863383	0.0001193	0.03572	0.0001066	.
rs7598032	2	11353200	0.0001197	-0.03454	0.0000902	ROCK2(0)
rs7222875	17	16556508	0.0001199	0.04445	0.0001433	ZNF624(0)
rs7072474	10	99893053	0.0001204	-0.03447	0.000098	C10orf28(-1.327kb)
rs11189526	10	100020572	0.0001207	-0.03481	0.0000993	LOXL4(0) C10orf28(+15.92kb)
rs9348835	6	29985630	0.0001208	-0.03824	0.0001018	HLA-A29.1(+8.479kb)
rs62072850	17	16518370	0.0001209	0.04576	0.0001376	ZNF624(-5.677kb)
rs7578151	2	156568806	0.0001209	0.03701	0.0001159	.
rs34978599	4	14417302	0.0001214	0.05951	0.0001264	.
rs4719065	7	70557824	0.0001214	0.05636	0.0001256	.
rs62459583	7	70553606	0.0001214	0.05636	0.0001256	.
rs11034672	11	4944500	0.0001216	0.07285	0.0001208	OR51G1(-0.103kb) OR51G2(+7.607kb)
rs12776636	10	100024848	0.000122	-0.03544	0.0000952	LOXL4(0)
rs7930883	11	127839792	0.000122	0.04097	0.0001602	.
rs7308578	12	98309252	0.0001232	-0.03527	0.0000821	.
rs7766469	6	30015594	0.0001232	-0.03824	0.0001035	ZNRD1(-13.44kb) PPP1R11(-19.34kb)
rs2184356	10	99878480	0.0001233	-0.03435	0.0001023	C10orf28(-15.9kb)
rs9346271	6	70079320	0.0001233	0.05863	0.0001314	BAI3(0)
rs7221518	17	16556473	0.0001235	0.04435	0.0001482	ZNF624(0)
rs9908015	17	16561779	0.0001235	0.04435	0.0001482	ZNF624(+4.621kb)
rs7903850	10	99912061	0.0001242	-0.03525	0.0001167	C10orf28(0)
rs4902578	14	68875129	0.0001243	-0.04282	0.0000929	RAD51L1(0)
rs10488983	4	14417504	0.0001245	0.05854	0.0001273	.
rs57531196	4	23884973	0.0001249	0.07797	0.0001259	PPARGC1A(0)
rs12532559	7	70549484	0.0001251	0.05643	0.0001301	.
rs9393989	6	30040084	0.0001252	-0.03813	0.0001065	ZNRD1(+7.398kb) RNF39(0) PPP1R11

rs435766	6	29939852	0.0001253	0.03503	0.00012	HLA-A29.1(0) HCG9(-3.039kb)
rs1283464	6	70027419	0.0001257	-0.0381	0.0001302	BAI3(0)
rs4711209	6	30047403	0.0001257	0.05843	0.0001094	ZNRD1(+14.72kb) RNF39(+3.775kb)
rs1334465	10	99876121	0.0001265	-0.03465	0.0001024	C10orf28(-18.26kb)
rs2517670	6	29938674	0.0001266	0.03556	0.00012	HLA-A29.1(0) HCG9(-4.217kb)
rs6048491	20	22978192	0.0001267	0.04465	0.0001355	.
rs7228043	18	57152806	0.0001273	-0.08546	0.0001174	CCBE1(0)
rs7229774	18	57152811	0.0001273	-0.08546	0.0001174	CCBE1(0)
rs6584167	10	99889852	0.0001276	-0.03427	0.000106	C10orf28(-4.528kb)
rs7090206	10	99892742	0.0001276	-0.03427	0.000106	C10orf28(-1.638kb)
rs7597769	2	72099121	0.0001277	0.03695	0.0001525	.
rs62054735	17	13848542	0.0001283	-0.03882	0.0001566	.
rs62459581	7	70551717	0.0001295	0.05611	0.0001348	.
rs6968107	7	70558922	0.0001296	0.05611	0.0001349	.
rs1956538	14	68859895	0.0001301	-0.04385	0.0000928	RAD51L1(0)
rs4766782	12	116842669	0.0001302	-0.03483	0.0001276	.
rs735116	10	100021533	0.0001302	-0.03421	0.0001027	LOXL4(0) C10orf28(+16.88kb)
rs58340747	16	53739587	0.0001304	-0.0719	0.000095	RPGRIP1L(+1.816kb) FTO(0)
rs62457654	7	70540790	0.000131	0.05636	0.0001305	.
rs10082630	11	127869810	0.0001312	0.03478	0.0001186	.
rs28612609	17	16580845	0.0001317	0.04426	0.0001583	CCDC144A(-12.79kb)
rs595715	6	69530493	0.000132	0.07072	0.0000774	BAI3(0)
rs10943371	6	77295335	0.0001322	0.05032	0.0001559	.
rs3815826	16	74508702	0.0001331	-0.03413	0.0001379	GLG1(0)
rs4098026	10	99884547	0.0001331	0.04013	0.0001144	C10orf28(-9.833kb)
rs28792801	17	16506652	0.0001334	0.04469	0.0001615	ZNF624(-17.39kb)
rs228733	1	7841825	0.0001337	-0.05518	0.0001381	VAMP3(+0.333kb) PER3(-2.937kb) C
rs34234297	4	14561797	0.0001341	0.04566	0.0001391	.
rs58920056	4	23883275	0.0001349	0.07733	0.0001368	PPARGC1A(0)
rs7980374	12	98302572	0.0001351	-0.035	0.0000886	.
rs59477937	17	71024524	0.0001353	-0.07974	0.0002001	SLC39A11(0)
rs61264876	17	71024173	0.0001353	-0.07974	0.0002001	SLC39A11(0)
rs7751967	6	70082003	0.0001354	0.05836	0.0001441	BAI3(0)
rs2091276	7	70542684	0.000136	-0.04028	0.0001385	.
rs544770	6	69535577	0.000136	0.06592	0.0000863	BAI3(0)
rs6533698	4	114459885	0.000136	0.05596	0.0001471	CAMK2D(0)
rs1928060	6	70090758	0.0001365	0.03355	0.0001461	BAI3(0)
rs4373625	9	128974575	0.0001365	0.04426	0.0001358	.
rs62072790	17	16513588	0.0001365	0.05838	0.0001606	ZNF624(-10.46kb)
rs7194558	16	70716742	0.0001365	0.03653	0.0001409	VAC14(-4.599kb) ABBA-1(0)
rs4791676	17	16562303	0.0001366	0.04413	0.000164	ZNF624(+5.145kb)
rs6817923	4	136238531	0.0001366	-0.03473	0.0001014	.
rs7219632	17	16508393	0.0001367	0.04409	0.0001633	ZNF624(-15.65kb)
rs9891138	17	16508022	0.0001367	0.04409	0.0001633	ZNF624(-16.02kb)
rs11592020	10	100024195	0.0001368	-0.03521	0.0001064	LOXL4(0) C10orf28(+19.54kb)
rs10444526	12	98311137	0.000137	-0.03481	0.0000924	.
rs2305682	4	23882718	0.0001371	0.128	0.0001384	PPARGC1A(0)

rs60543052	2	168029316	0.0001371	0.07728	0.0001421	XIRP2(0)
rs11126471	2	75714764	0.0001377	0.03588	0.0001432	FAM176A(-4.679kb)
rs11124209	2	240505976	0.0001379	-0.04841	0.0002033	.
rs12707927	8	129205024	0.000138	-0.06985	0.0001218	.
rs11717963	3	65020969	0.0001382	0.03606	0.0001367	.
rs28431824	17	16553528	0.0001383	0.04407	0.0001648	ZNF624(0)
rs28626982	17	16552913	0.0001383	0.04407	0.0001648	ZNF624(0)
rs28674185	17	16553418	0.0001383	0.04407	0.0001648	ZNF624(0)
rs56303920	17	16552840	0.0001383	0.04407	0.0001648	ZNF624(0)
rs7213274	17	16551312	0.0001383	0.04407	0.0001648	ZNF624(0)
rs4719062	7	70545120	0.000139	0.05596	0.000143	.
rs10830139	10	129405859	0.0001391	-0.03416	0.0000879	.
rs2903441	7	70543038	0.0001393	0.05586	0.0001424	.
rs2128184	9	29636965	0.0001399	-0.09482	0.0000923	.
rs890274	4	138187493	0.0001399	0.03844	0.0001166	.
rs10790937	11	127868906	0.0001405	0.03847	0.0001985	.
rs10860260	12	98317489	0.0001409	-0.03518	0.0000964	.
rs12718046	3	197256723	0.0001409	-0.03799	0.0001617	BDH1(0)
rs28465319	17	16519075	0.0001412	0.044	0.0001688	ZNF624(-4.972kb)
rs62072848	17	16518276	0.0001412	0.044	0.0001688	ZNF624(-5.771kb)
rs17175227	14	70502050	0.0001417	-0.1608	0.0001342	SMOC1(+2.967kb) SLC8A3(-8.883kb)
rs1005370	17	16510468	0.0001419	0.04398	0.0001696	ZNF624(-13.58kb)
rs9901145	17	16511821	0.0001419	0.04398	0.0001696	ZNF624(-12.23kb)
rs13284438	9	99111512	0.0001421	0.09524	0.0000768	SLC35D2(0)
rs7102071	11	13014088	0.0001422	0.09339	0.0002064	RASSF10(-16.61kb)
rs12635170	3	64257799	0.0001428	0.08557	0.0002124	.
rs59786893	11	127890990	0.000143	0.03461	0.0001301	.
rs7570493	2	156542618	0.000143	0.03635	0.0001333	.
rs539798	11	127814490	0.0001438	-0.04278	0.0001058	.
rs4899243	14	68953817	0.000144	-0.04416	0.0001092	RAD51L1(0)
rs987793	10	99868961	0.0001456	-0.03396	0.0001207	.
rs1005921	20	22980146	0.0001465	0.04416	0.0001567	.
rs3966077	14	68855370	0.0001466	-0.04367	0.000107	RAD51L1(0)
rs948251	11	127864779	0.0001467	0.03834	0.000206	.
rs6123492	20	54082465	0.0001474	-0.03587	0.0001648	.
rs11972870	7	70527184	0.0001479	0.05785	0.0001492	.
rs6943728	7	47835814	0.0001479	0.03361	0.0001482	PKD1L1(0) FLJ21075(0)
rs779459	6	69949767	0.0001479	0.05754	0.0001618	BAI3(0)
rs16878340	5	7108833	0.0001486	-0.03807	0.0001294	.
rs7102989	11	127885990	0.0001487	0.03454	0.0001343	.
rs948255	11	127818348	0.0001492	-0.04291	0.0001093	.
rs9677637	2	156522004	0.0001493	0.03632	0.0001405	.
rs1297415	6	70045307	0.0001499	-0.03291	0.0001535	BAI3(0)
rs2183152	1	104751785	0.0001499	0.05788	0.0001425	.
rs3736859	13	76408249	0.0001501	0.07607	0.0001645	LMO7(0)
rs6502514	17	16508900	0.0001502	0.04436	0.0001882	ZNF624(-15.15kb)
rs57448521	17	16506322	0.0001503	0.04385	0.000179	ZNF624(-17.73kb)

rs2866962	7	70566575	0.0001504	0.05626	0.0001593	.
rs10012873	4	138088025	0.0001509	-0.1184	0.0001325	.
rs10049505	4	138085107	0.0001509	-0.1184	0.0001325	.
rs28710310	4	138087461	0.0001509	-0.1184	0.0001325	.
rs3775465	4	90827466	0.0001509	-0.1184	0.0001557	MMRN1(0)
rs3933106	4	138089073	0.0001509	-0.1184	0.0001325	.
rs59414474	4	138088312	0.0001509	0.06919	0.0001325	.
rs321641	4	48003376	0.000151	-0.04383	0.0001403	NPAL1(-15.41kb)
rs7676591	4	136244789	0.0001514	-0.03458	0.0001112	.
rs10947050	6	30040291	0.0001516	-0.03765	0.0001264	ZNRD1(+7.605kb) RNF39(0) PPP1R11
rs12200084	6	30040603	0.0001516	-0.03765	0.0001264	ZNRD1(+7.917kb) RNF39(0) PPP1R11
rs10893794	11	127845087	0.0001522	0.03452	0.0001407	.
rs4635094	11	127849304	0.0001523	0.03449	0.0001422	.
rs10813147	9	29638941	0.0001525	0.03802	0.0001033	.
rs28865976	17	16515274	0.0001526	0.04378	0.0001827	ZNF624(-8.773kb)
rs5000166	17	16565685	0.0001527	0.04372	0.0001864	ZNF624(+8.527kb)
rs12419494	11	127887942	0.0001528	0.03456	0.0001361	.
rs62459617	7	70595559	0.0001533	0.1428	0.0001475	WBSCR17(-2.229kb)
rs34238791	4	90744216	0.0001536	0.07821	0.0001536	SNCA(0)
rs10786388	10	99861420	0.000154	0.03334	0.0001391	.
rs3904809	13	45337301	0.0001543	-0.04971	0.0001071	.
rs16959857	17	16523397	0.0001545	0.04372	0.0001855	ZNF624(-0.65kb)
rs35990057	9	99184552	0.0001545	0.04372	0.0000849	ZNF367(+3.883kb)
rs9890698	17	16522280	0.0001545	0.04372	0.0001855	ZNF624(-1.767kb)
rs9907785	17	16528031	0.0001545	0.04372	0.0001855	ZNF624(0)
rs9909044	17	16528683	0.0001545	0.08803	0.0001855	ZNF624(0)
rs4945055	11	75966000	0.0001547	-0.04324	0.000154	.
rs9911820	17	16565132	0.0001548	0.04455	0.0002058	ZNF624(+7.974kb)
rs28458310	17	16552398	0.0001552	0.04389	0.0001862	ZNF624(0)
rs7240902	18	57142204	0.0001554	-0.08191	0.0001413	CCBE1(0)
rs4236243	7	70566684	0.0001557	0.05613	0.0001653	.
rs1425214	11	127835471	0.000156	0.0345	0.0001393	.
rs7976793	12	54073069	0.000156	-0.03735	0.0001432	ATP5G2(+2.557kb)
rs4352086	17	16544463	0.0001571	0.0438	0.0001853	ZNF624(0)
rs9910842	17	16546049	0.0001571	0.0438	0.0001853	ZNF624(0)
rs10819136	9	128966109	0.0001572	0.03593	0.0001521	.
rs7590955	2	226048074	0.0001572	0.03642	0.0001938	.
rs9378188	6	29935166	0.0001577	-0.0423	0.0001391	HLA-A29.1(0) HCG9(-7.725kb)
rs6552739	4	184989191	0.0001578	0.03532	0.0001582	.
rs12635376	3	82547468	0.0001581	-0.0534	0.0001343	.
rs11221126	11	127870977	0.0001582	0.03447	0.000142	.
rs11657919	17	8554157	0.000159	0.04611	0.0001278	.
rs7136342	12	91431056	0.000159	0.03515	0.0001424	KERA(-13.21kb)
rs11189529	10	100026127	0.0001594	-0.0349	0.0001165	LOXL4(0)
rs16945879	16	77572637	0.0001594	-0.0351	0.0001634	.
rs10893799	11	127868642	0.0001596	0.03417	0.000147	.
rs10836956	11	4946047	0.0001605	0.07166	0.0001619	OR51G1(+0.478kb) OR51G2(+9.154kb)

rs10520868	5	20556442	0.000161	-0.1555	0.0001476	.
rs17839233	5	20551462	0.000161	-0.1555	0.0001476	.
rs57444212	5	20554681	0.000161	-0.1555	0.0001476	.
rs62354269	5	20537473	0.000161	-0.1555	0.0001476	.
rs62354270	5	20539634	0.000161	-0.1555	0.0001476	.
rs62354273	5	20540705	0.000161	-0.1555	0.0001476	.
rs62354274	5	20541140	0.000161	-0.1555	0.0001476	.
rs62354278	5	20549009	0.000161	-0.1555	0.0001476	.
rs62354279	5	20550711	0.000161	-0.1555	0.0001476	.
rs62354280	5	20550984	0.000161	-0.1555	0.0001476	.
rs62354281	5	20552714	0.000161	-0.1555	0.0001476	.
rs62354282	5	20552817	0.000161	-0.1555	0.0001476	.
rs62354283	5	20553147	0.000161	-0.1555	0.0001476	.
rs62354286	5	20555163	0.000161	-0.1555	0.0001476	.
rs62354287	5	20555460	0.000161	-0.1555	0.0001476	.
rs62354289	5	20558873	0.000161	-0.1555	0.0001476	.
rs62354290	5	20560256	0.000161	-0.1555	0.0001476	.
rs11823780	11	127886890	0.0001618	0.03461	0.0001895	.
rs12448547	16	53694512	0.0001619	-0.07453	0.0001211	RPGRIP1L(0)
rs34802611	9	99176818	0.0001621	0.03421	0.0000921	ZNF367(0)
rs35000618	9	99178779	0.0001621	0.08627	0.0000921	ZNF367(0)
rs35590230	9	99179653	0.0001621	0.08627	0.0000921	ZNF367(0)
rs4497423	11	127856911	0.0001621	0.08627	0.0001536	.
rs10883043	10	99862371	0.0001626	0.03334	0.0001382	.
rs1013035	11	127863599	0.0001629	0.03415	0.0001493	.
rs13030671	2	195811734	0.0001629	-0.05532	0.0001428	.
rs57663699	5	94131229	0.0001631	-0.05367	0.0001172	MCTP1(0)
rs58524092	17	71024419	0.0001637	-0.08066	0.0002373	SLC39A11(0)
rs62354275	5	20542622	0.0001638	-0.1554	0.0001497	.
rs17334002	1	204306109	0.0001641	-0.03672	0.0001179	PLEKHA6(0)
rs4959040	6	29962889	0.0001641	-0.03763	0.0001414	HLA-A29.1(0) HCG9(+16.71kb)
rs13301712	9	99185557	0.0001642	0.0862	0.0000933	ZNF367(+4.888kb)
rs9393986	6	29973526	0.0001644	-0.03784	0.0001323	HLA-A29.1(0)
rs228734	1	7836208	0.0001648	-0.05438	0.0001574	VAMP3(0) PER3(-8.554kb) CAMTA1(+)
rs1536152	10	99986581	0.0001649	-0.03473	0.0001355	C10orf28(0)
rs12566743	1	91838025	0.0001652	-0.06976	0.0001474	HFM1(0)
rs17405885	1	204301822	0.0001654	-0.03648	0.000121	PLEKHA6(0)
rs1504595	1	57670351	0.0001656	-0.06316	0.0001424	DAB1(0)
rs12456250	18	57169155	0.0001657	-0.08374	0.0001495	CCBE1(0)
rs13398477	2	84382994	0.0001659	0.04397	0.0001583	.
rs8082650	17	16567813	0.0001659	0.1576	0.0002091	ZNF624(+10.65kb)
rs1861933	12	68842405	0.0001662	0.04193	0.0002311	.
rs32216	5	127640076	0.0001662	-0.0382	0.0001619	FBN2(0)
rs2064910	14	68852102	0.0001665	-0.04311	0.0001218	RAD51L1(0)
rs7110845	11	120175749	0.000167	-0.03316	0.0001617	POU2F3(0)
rs7926928	11	127879690	0.0001672	0.03829	0.0002316	.
rs7102644	11	127885902	0.0001674	0.03825	0.0002334	.

rs149766	1	57642394	0.0001676	-0.0609	0.0001125	DAB1(0)
rs6503066	17	7766228	0.0001678	0.04944	0.0001664	TMEM88(+6.811kb) LSMD1(+5.056kb)
rs11771281	7	67137926	0.0001679	-0.05285	0.0001483	.
rs9812808	3	172134909	0.0001689	0.107	0.0001669	FNDC3B(+16.42kb)
rs9868789	3	172142717	0.0001689	0.107	0.0001669	.
rs9990128	3	172143378	0.0001689	0.107	0.0001669	GHSR(-19.57kb)
rs10509311	10	75521251	0.0001695	-0.06079	0.0001524	SEC24C(0) FUT11(-10.8kb)
rs62457142	7	67137094	0.0001695	-0.05254	0.0001495	.
rs2162198	4	138178012	0.0001699	-0.0941	0.0001411	.
rs7437150	4	138178129	0.0001699	-0.0941	0.0001411	.
rs35453136	11	127848160	0.0001705	0.03843	0.0002418	.
rs4713279	6	29944896	0.0001706	-0.03773	0.0001414	HLA-A29.1(0) HCG9(0)
rs4961343	8	142262081	0.0001708	0.03625	0.000153	.
rs11934190	4	78337309	0.000171	0.04935	0.0002201	.
rs35170911	9	99198107	0.0001711	0.08588	0.0000988	ZNF367(+17.44kb) HABP4(-14.31kb)
rs190450	5	127614472	0.0001714	-0.03777	0.0001741	FBN2(0)
rs17780227	18	57149980	0.0001717	-0.08073	0.0001593	CCBE1(0)
rs6069295	20	54083347	0.0001718	-0.03596	0.0001817	.
rs1380263	2	72101633	0.000172	0.03333	0.0001828	.
rs12291820	11	6511472	0.0001723	-0.03544	0.0001591	TRIM3(+16.27kb) FXC1(+5.561kb) C
rs4758421	11	6510395	0.0001723	-0.03544	0.0001591	TRIM3(+15.19kb) FXC1(+4.484kb) C
rs362523	6	29545284	0.0001728	-0.04422	0.0001557	UBD(+17.58kb) OR2H2(-10.4kb)
rs12126570	1	195929779	0.0001733	0.1508	0.0001626	.
rs13043784	20	54075162	0.0001734	-0.03538	0.0001838	.
rs8074464	17	16534594	0.0001735	0.04353	0.0002033	ZNF624(0)
rs9894637	17	16535297	0.0001735	0.04353	0.0002033	ZNF624(0)
rs12481038	20	54081022	0.0001736	-0.03602	0.0001887	.
rs605139	6	54318303	0.0001736	-0.0729	0.0001586	.
rs11215403	11	115058585	0.0001738	0.03794	0.0002116	CADM1(0)
rs9911162	17	16546378	0.0001738	0.04358	0.000205	ZNF624(0)
rs2305683	4	23882499	0.0001741	0.07593	0.0001737	PPARGC1A(0)
rs1940745	11	127859960	0.0001744	0.03403	0.0001607	.
rs61839730	1	242839751	0.000175	0.04526	0.0001918	.
rs9911677	17	16537397	0.0001751	0.04288	0.0002165	ZNF624(0)
rs7607630	2	3156098	0.0001755	-0.04404	0.0002907	.
rs7103123	11	127879024	0.0001763	0.03434	0.000159	.
rs7312853	12	54073597	0.0001764	-0.03658	0.0001711	ATP5G2(+3.085kb)
rs9600559	13	76409870	0.0001765	0.07556	0.0001817	LMO7(0)
rs4791672	17	16531261	0.0001772	0.04339	0.0002103	ZNF624(0)
rs6503067	17	7770060	0.0001776	0.04946	0.0001663	TMEM88(+10.64kb) LSMD1(+8.888kb)
rs7566038	2	156492878	0.0001776	0.03615	0.0001766	.
rs9919601	11	75963008	0.0001778	-0.04386	0.0001671	.
rs11683242	2	240500294	0.0001779	-0.04818	0.0002548	.
rs12417199	11	127848405	0.0001786	0.0384	0.0002539	.
rs8125772	20	54082179	0.0001788	-0.03601	0.0001927	.
rs2612371	18	73631332	0.000179	-0.05413	0.000147	.
rs4961260	8	142270450	0.0001803	0.03609	0.0001694	.

rs55920274	17	16541658	0.0001812	0.04337	0.0002132	ZNF624(0)
rs9439457	1	1449746	0.0001814	0.1616	0.000169	ATAD3A(0) ATAD3B(+18.16kb)
rs7333314	13	45335782	0.0001818	-0.04923	0.0001262	.
rs1432523	2	183023484	0.0001822	0.03413	0.0002187	PDE1A(0)
rs7137217	12	127980829	0.0001823	-0.09796	0.0001764	.
rs12023102	1	204310524	0.000183	-0.03527	0.0001315	PLEKHA6(0)
rs12608303	18	57146260	0.0001834	-0.08046	0.0001674	CCBE1(0)
rs1822031	4	47991225	0.0001836	-0.0428	0.0001756	.
rs1837519	4	47991016	0.0001836	-0.0428	0.0001756	.
rs224798	4	47988659	0.0001836	-0.0428	0.0001756	.
rs2661536	4	47991569	0.0001836	-0.0428	0.0001756	.
rs35897584	4	90742692	0.0001841	0.07868	0.0001845	SNCA(0)
rs6552740	4	184989428	0.0001843	0.03486	0.000185	.
rs4854195	2	3157264	0.0001847	-0.04391	0.0003063	.
rs1026325	2	3157805	0.0001849	-0.04239	0.0003984	.
rs1940740	11	127874399	0.0001851	0.03398	0.0001706	.
rs4945056	11	75969749	0.0001857	-0.04417	0.0001763	.
rs314216	6	69875285	0.0001861	0.05942	0.0001912	BAI3(0)
rs112886	4	14430912	0.0001862	0.0433	0.0001413	.
rs7217544	17	16533978	0.0001862	0.0433	0.0002189	ZNF624(0)
rs9906728	17	16533676	0.0001862	0.0497	0.0002189	ZNF624(0)
rs11185393	1	104752001	0.0001865	-0.03248	0.0001796	.
rs10454686	14	68839917	0.0001866	-0.04317	0.0001287	RAD51L1(0)
rs2924502	2	3271056	0.0001866	0.0334	0.0002263	TSSC1(0)
rs6548147	2	3272117	0.0001866	0.0334	0.0002263	TSSC1(0)
rs4791673	17	16533133	0.0001868	0.04337	0.0002178	ZNF624(0)
rs3852926	20	54079903	0.0001873	-0.03511	0.0002073	.
rs1893167	11	127884104	0.0001875	0.03403	0.0001702	.
rs12448173	16	54195228	0.000188	0.07118	0.0001863	.
rs2530414	7	67142581	0.000188	-0.05198	0.0001678	.
rs2714610	7	67141247	0.000188	-0.05198	0.0001678	.
rs2714618	7	67142223	0.000188	-0.05198	0.0001678	.
rs62459173	7	67139898	0.000188	-0.05198	0.0001678	.
rs314190	6	69836598	0.0001882	0.06348	0.0001915	BAI3(0)
rs34603378	9	99113810	0.0001888	0.08246	0.0001106	SLC35D2(0)
rs35616305	9	99112299	0.0001888	0.08246	0.0001106	SLC35D2(0)
rs4792757	17	16520433	0.000189	0.04334	0.0002247	ZNF624(-3.614kb)
rs1593421	11	127877747	0.0001896	0.03393	0.0001744	.
rs1834470	11	127877798	0.0001896	0.03393	0.0001744	.
rs13284545	9	99118230	0.0001908	0.08176	0.0001141	SLC35D2(0)
rs7930837	11	127880688	0.0001909	0.03393	0.0001748	.
rs11760542	7	67137287	0.0001911	0.06394	0.0001679	.
rs12643823	4	90845731	0.0001911	-0.05225	0.0001949	MMRN1(0)
rs314208	6	69866117	0.0001917	0.05777	0.0001957	BAI3(0)
rs4939717	18	50523335	0.000193	0.04871	0.0001941	DCC(0)
rs4792762	17	16564034	0.0001931	0.04333	0.0002277	ZNF624(+6.876kb)
rs3113879	4	48002327	0.0001933	-0.04364	0.0001711	NPAL1(-16.46kb)

rs35657516	4	14555254	0.0001935	0.04225	0.0001827	.
rs7638381	3	197254550	0.0001936	-0.03685	0.0002182	BDH1(0)
rs8074487	17	16550286	0.0001938	0.04378	0.0002397	ZNF624(0)
rs2877712	1	181657481	0.0001939	-0.04465	0.0001645	CACNA1E(0)
rs59059734	2	149015985	0.000194	0.16	0.0000663	.
rs55654479	14	22182075	0.0001941	-0.04896	0.0002092	.
rs2691768	2	156497167	0.0001948	0.03597	0.000195	.
rs2744042	6	19183178	0.0001951	-0.04079	0.0002951	.
rs619152	13	110939497	0.0001954	0.03537	0.0002055	COL4A1(0)
rs35504233	12	106271837	0.0001955	-0.03339	0.0001341	.
rs9950935	18	2584842	0.0001961	0.0692	0.0001337	NDC80(0) METTL4(+13.35kb)
rs7642247	3	89239473	0.0001963	0.04051	0.0002308	EPHA3(0)
rs9878894	3	89235886	0.0001963	0.04051	0.0002308	EPHA3(0)
rs2934131	5	152851598	0.0001967	0.1095	0.0001878	GRIA1(-18.48kb)
rs12421970	11	127816603	0.000197	0.03793	0.0002813	.
rs9854754	3	89192764	0.0001972	0.03985	0.0002317	EPHA3(0)
rs12616908	2	81396414	0.0001978	0.05156	0.000392	.
rs1517468	2	156500207	0.000198	-0.03319	0.0001944	.
rs7600696	2	11359399	0.000198	0.03583	0.0001571	ROCK2(0)
rs7617106	3	197241981	0.000198	-0.04026	0.0003606	BDH1(0)
rs59978734	14	86202366	0.0001983	0.1264	0.0001973	.
rs1233383	6	29565825	0.0001986	-0.04662	0.0001838	OR2H2(+9.08kb) GABBR1(-4.179kb)
rs2256920	11	6508124	0.0001987	0.03398	0.0002418	TRIM3(+12.92kb) FXC1(+2.213kb) C
rs13412763	2	50779372	0.0002004	-0.04191	0.0002339	NRXN1(0)
rs13080791	3	82541304	0.0002006	0.03587	0.0001632	.
rs2677473	2	156493244	0.0002006	-0.05372	0.0001998	.
rs1113103	10	129406109	0.0002007	-0.03334	0.0001254	.
rs13146211	4	114436725	0.0002014	-0.03819	0.000214	CAMK2D(0)
rs10893793	11	127843987	0.0002017	0.0397	0.0002691	.
rs10748723	10	100025816	0.0002018	-0.03455	0.00015	LOXL4(0)
rs35028684	22	27548275	0.0002018	0.1273	0.0001804	.
rs8044816	16	54202699	0.0002019	0.07108	0.0002068	.
rs12447481	16	53748969	0.0002041	-0.06896	0.0001508	RPGRIP1L(+11.2kb) FTO(0)
rs12278524	11	127874626	0.0002042	0.03403	0.0001819	.
rs12047622	1	204313709	0.0002047	-0.0367	0.0001511	PLEKHA6(0)
rs13296316	9	99118443	0.0002051	0.08168	0.0001214	SLC35D2(0)
rs35436016	9	99118866	0.0002051	0.08168	0.0001214	SLC35D2(0)
rs2567610	20	22978973	0.0002056	0.04299	0.0001836	.
rs779461	6	69944886	0.0002059	0.05675	0.0002243	BAI3(0)
rs10246967	7	25461265	0.000206	-0.03945	0.0002896	.
rs10233985	7	25457918	0.0002064	-0.03942	0.0002863	.
rs28492965	7	25457164	0.0002064	-0.03942	0.0002863	.
rs7789959	7	25457455	0.0002064	-0.03942	0.0002863	.
rs7805338	7	25457327	0.0002064	-0.03942	0.0002863	.
rs3113877	4	47998807	0.0002066	0.04316	0.0001978	NPAL1(-19.98kb)
rs8074285	17	16534501	0.0002066	-0.04242	0.0002424	ZNF624(0)
rs11676672	2	72101295	0.0002069	0.03511	0.0002401	.

rs1414192	21	32735471	0.0002074	0.04119	0.0001907	TIAM1(0)
rs12778335	10	100025095	0.0002077	-0.03434	0.0001526	LOXL4(0)
rs1601150	4	136214127	0.0002078	-0.03354	0.0001611	.
rs469750	5	127637634	0.0002084	-0.03762	0.0002082	FBN2(0)
rs10199250	2	2969221	0.0002085	0.05543	0.0002519	.
rs10227348	7	25460383	0.0002086	-0.03978	0.0002785	.
rs10865636	3	89242743	0.0002088	0.04036	0.0002446	EPHA3(0)
rs9810366	3	89245392	0.0002088	0.04036	0.0002446	EPHA3(0)
rs12282257	11	6513966	0.0002089	-0.03495	0.0001887	TRIM3(+18.76kb) FXC1(+8.055kb) C
rs3016632	11	127845655	0.0002095	-0.04133	0.0001461	.
rs1610590	6	29677634	0.0002097	0.03527	0.0001807	HLA-F(-13.48kb)
rs4479997	7	70524233	0.0002107	0.05375	0.0002039	.
rs12406557	1	181659213	0.000211	-0.04442	0.0001785	CACNA1E(0)
rs12424729	12	54073928	0.0002111	-0.03603	0.000205	ATP5G2(+3.416kb)
rs62073660	17	16530537	0.0002111	0.04371	0.0002434	ZNF624(0)
rs2030764	7	70558971	0.0002112	-0.03324	0.0002189	.
rs7072056	10	99892677	0.0002112	0.0541	0.0001787	C10orf28(-1.703kb)
rs402473	5	62558448	0.0002114	0.03702	0.0001194	.
rs1610596	6	29681463	0.0002121	0.03523	0.0001859	HLA-F(-9.653kb)
rs1610599	6	29681879	0.0002121	0.03523	0.0001859	HLA-F(-9.237kb)
rs1611386	6	29680758	0.0002121	0.03523	0.0001859	HLA-F(-10.36kb)
rs1611387	6	29680768	0.0002121	0.03523	0.0001859	HLA-F(-10.35kb)
rs1611388	6	29680789	0.0002121	0.03523	0.0001859	HLA-F(-10.33kb)
rs1611389	6	29680967	0.0002121	0.03523	0.0001859	HLA-F(-10.15kb)
rs2517915	6	29682487	0.0002121	0.03523	0.0001859	HLA-F(-8.629kb)
rs2524272	6	29682400	0.0002121	0.03523	0.0001859	HLA-F(-8.716kb)
rs2524273	6	29680971	0.0002121	0.03523	0.0001859	HLA-F(-10.14kb)
rs2524274	6	29680915	0.0002121	0.03523	0.0001859	HLA-F(-10.2kb)
rs3129191	6	29682542	0.0002121	0.03523	0.0001859	HLA-F(-8.574kb)
rs734260	6	29681087	0.0002121	0.03523	0.0001859	HLA-F(-10.03kb)
rs7208075	17	16548595	0.0002125	0.04289	0.0002571	ZNF624(0)
rs2714161	11	127847663	0.0002127	-0.04124	0.0001496	.
rs366734	5	62564881	0.0002143	-0.03879	0.0001187	.
rs7697831	4	114427805	0.0002143	0.03715	0.0002341	CAMK2D(0)
rs1611382	6	29680543	0.0002144	0.03524	0.0001866	HLA-F(-10.57kb)
rs12636819	3	82545990	0.0002147	-0.0526	0.0001829	.
rs9889227	17	16534851	0.0002157	0.04311	0.0002472	ZNF624(0)
rs1610598	6	29681862	0.0002161	0.03521	0.0001886	HLA-F(-9.254kb)
rs2241989	8	401789	0.0002163	-0.04953	0.0002033	FBXO25(0)
rs2123751	2	3159514	0.000217	-0.04349	0.0003568	.
rs12047262	1	204302820	0.0002171	-0.03579	0.0001568	PLEKHA6(0)
rs7812916	8	142263891	0.0002173	0.03591	0.0001895	.
rs1611365	6	29679621	0.0002174	0.0353	0.0001897	HLA-F(-11.49kb)
rs1611369	6	29679851	0.0002174	0.0353	0.0001897	HLA-F(-11.27kb)
rs4876429	8	119806880	0.0002174	-0.0493	0.0003536	.
rs13128368	4	114437080	0.0002176	0.03416	0.0002305	CAMK2D(0)
rs2155647	11	127863144	0.0002176	-0.03794	0.0001994	.

rs5022192	7	47841738	0.0002184	0.03267	0.0002214	PKD1L1(0) FLJ21075(0)
rs9832319	3	89228774	0.0002193	0.04023	0.0002568	EPHA3(0)
rs7221943	17	71011633	0.0002197	-0.07896	0.0003261	SLC39A11(0)
rs7545282	1	221203014	0.0002203	0.05683	0.0002124	.
rs9803904	1	242816727	0.0002204	0.04665	0.0002574	.
rs2275855	6	29976789	0.0002214	-0.03689	0.0001886	HLA-A29.1(0)
rs4492726	10	127951710	0.0002218	-0.04155	0.0003528	ADAM12(0)
rs10511715	9	23079238	0.000222	-0.03406	0.000184	.
rs975422	14	68848643	0.0002222	-0.04223	0.0001692	RAD51L1(0)
rs1440222	4	47999726	0.0002233	-0.1005	0.0002243	NPAL1(-19.06kb)
rs61990404	14	71507860	0.0002233	-0.1005	0.000207	PCNX(0)
rs61990406	14	71510786	0.0002233	-0.04278	0.000207	PCNX(0)
rs1611381	6	29680492	0.0002234	0.03513	0.0001953	HLA-F(-10.62kb)
rs1611383	6	29680547	0.0002234	0.03513	0.0001953	HLA-F(-10.57kb)
rs1611384	6	29680587	0.0002234	0.03513	0.0001953	HLA-F(-10.53kb)
rs1611385	6	29680605	0.0002234	0.03513	0.0001953	HLA-F(-10.51kb)
rs12954951	18	73661386	0.0002237	-0.05531	0.0001858	.
rs2870630	20	54079457	0.000224	-0.03481	0.000244	.
rs6980001	7	127951366	0.0002242	0.06954	0.0002236	RBM28(0)
rs6980301	7	127951413	0.0002242	0.06954	0.0002236	RBM28(0)
rs1940744	11	127854460	0.0002252	0.03734	0.0003159	.
rs13397757	2	11370768	0.0002255	-0.03344	0.0001753	ROCK2(0)
rs4982487	14	22169400	0.0002258	-0.04813	0.000246	.
rs12960881	18	73671358	0.0002261	-0.05526	0.0001875	.
rs12961524	18	73671431	0.0002261	-0.05526	0.0001875	.
rs4891101	18	73670276	0.0002261	-0.05526	0.0001875	.
rs2088793	3	193473026	0.0002262	0.04201	0.0002541	.
rs2088794	3	193473046	0.0002262	0.04201	0.0002541	.
rs2088795	3	193473133	0.0002262	0.04201	0.0002541	.
rs13248507	8	57517884	0.0002266	0.04824	0.0001755	.
rs10893800	11	127869088	0.0002269	0.03735	0.0003079	.
rs56243142	2	11333606	0.0002269	-0.03295	0.0001781	ROCK2(0) PQLC3(+14.61kb)
rs265011	4	96413495	0.0002272	0.06493	0.0002266	UNC5C(0)
rs9883681	3	89234576	0.0002282	0.04025	0.0002624	EPHA3(0)
rs10839573	11	6551339	0.0002284	0.033	0.0002987	C11orf47(+9.249kb)
rs662044	11	127838210	0.0002285	-0.04106	0.0001577	.
rs7260235	19	16186772	0.0002286	0.04716	0.0002764	TPM4(-0.552kb)
rs58263533	2	11329053	0.0002288	-0.03292	0.0001781	ROCK2(0) PQLC3(+10.05kb)
rs1610592	6	29678470	0.0002289	0.0352	0.000198	HLA-F(-12.65kb)
rs17710983	7	47903141	0.0002291	0.04729	0.0002575	PKD1L1(0)
rs9292469	5	32840210	0.0002292	0.0343	0.000348	.
rs61579967	4	90772725	0.0002295	0.08048	0.0002395	SNCA(+14.59kb)
rs6816633	4	90765944	0.0002295	0.08048	0.0002395	SNCA(+7.811kb)
rs57915808	2	3159228	0.0002297	-0.04184	0.0004873	.
rs1233384	6	29559295	0.00023	-0.0463	0.0001914	OR2H2(+2.55kb) GABBR1(-10.71kb)
rs11656870	17	8553853	0.0002301	0.03439	0.0001862	MYH10(+19.82kb)
rs1861515	8	132721564	0.0002317	-0.04576	0.0002919	.

rs4902581	14	68890793	0.0002322	-0.03591	0.0002569	RAD51L1(0)
rs9827112	3	64985326	0.0002324	0.03582	0.0002123	.
rs2938901	9	81101577	0.0002327	0.0428	0.0002489	.
rs973999	7	25456741	0.0002333	-0.03959	0.0003162	.
rs8090622	18	10703874	0.0002347	0.03699	0.0002161	FAM38B(+6.06kb)
rs34708776	18	73663780	0.000235	-0.05512	0.0001952	.
rs4891100	18	73662229	0.000235	-0.05512	0.0001952	.
rs1610743	6	29678043	0.0002352	0.03503	0.0002029	HLA-F(-13.07kb)
rs12965805	18	73671723	0.0002362	-0.0551	0.0001959	.
rs1546423	18	73674924	0.0002362	-0.0551	0.0001959	.
rs4891102	18	73673005	0.0002362	-0.0551	0.0001959	.
rs1611376	6	29680142	0.0002366	0.03514	0.0002049	HLA-F(-10.97kb)
rs1611378	6	29680205	0.0002366	0.03514	0.0002049	HLA-F(-10.91kb)
rs7074057	10	129407130	0.0002367	-0.03375	0.0001365	.
rs10132981	14	68840318	0.0002368	-0.04232	0.0001684	RAD51L1(0)
rs7845108	8	61917481	0.000237	-0.1367	0.0002219	.
rs17016274	4	90761357	0.0002371	0.0803	0.0002474	SNCA(+3.224kb)
rs1425862	11	127872870	0.0002372	0.03368	0.0002092	.
rs10242504	7	25460010	0.0002374	-0.03906	0.0003252	.
rs6968142	7	25459633	0.0002374	-0.03906	0.0003252	.
rs4944100	11	75964715	0.0002376	-0.04221	0.0002296	.
rs9834433	3	89224260	0.0002379	0.04001	0.0002789	EPHA3(0)
rs13423864	2	11347249	0.0002384	-0.03285	0.0001881	ROCK2(0)
rs36072395	2	11344568	0.0002384	-0.03285	0.0001881	ROCK2(0)
rs10813146	9	29633201	0.0002387	0.03739	0.0001593	.
rs4487001	18	73668913	0.0002406	-0.05524	0.0001975	.
rs12199162	6	77324522	0.0002407	0.05495	0.0002392	.
rs34572702	9	99099412	0.0002407	0.08279	0.0001435	SLC35D2(0)
rs916047	14	22115873	0.0002409	0.03381	0.0002346	OR4E2(-17.42kb) OR10G2(+12.88kb)
rs9883387	3	89178317	0.0002411	0.0395	0.0002768	EPHA3(0)
rs850032	7	29683389	0.0002417	-0.04093	0.0001748	.
rs12962817	18	63859306	0.0002422	-0.03352	0.0002431	.
rs2110983	12	13890358	0.0002422	0.06687	0.0003049	GRIN2B(0)
rs1940738	11	127870051	0.0002427	0.0333	0.0002232	.
rs1940739	11	127870372	0.0002427	0.0333	0.0002232	.
rs61783125	1	47060655	0.000243	0.1303	0.0002473	MOBK2C(-12.73kb) MKNK1(0)
rs2714614	7	67140419	0.0002435	-0.05105	0.000217	.
rs35652871	5	159409578	0.0002436	0.08292	0.0001342	ADRA1B(+9.561kb)
rs10793146	11	75964155	0.0002442	-0.04241	0.0002335	.
rs1611366	6	29679760	0.0002444	0.03483	0.0002156	HLA-F(-11.36kb)
rs7937380	11	115060167	0.0002446	0.03735	0.0002869	CADM1(0)
rs1363950	19	16186598	0.0002448	0.04716	0.0002978	TPM4(-0.726kb)
rs6923284	6	29816034	0.0002459	-0.04672	0.000146	HLA-G(+17.14kb)
rs8020038	14	22163479	0.0002459	0.04357	0.0002605	.
rs1619876	20	62137355	0.0002467	-0.03551	0.0002213	EEF1A2(+6.85kb) C20orf149(-14.78)
rs2744045	6	19179641	0.0002467	0.06415	0.000346	.
rs7547251	1	204308815	0.0002467	-0.04001	0.0001846	PLEKHA6(0)

rs16845552	3	172145043	0.0002474	0.103	0.000246	GHSR(-17.91kb)
rs194277	5	127612979	0.0002483	-0.03725	0.000241	FBN2(0)
rs255695	5	127613299	0.0002483	-0.03725	0.000241	FBN2(0)
rs11621997	14	39169430	0.0002484	-0.04985	0.0003714	.
rs17152002	7	127959221	0.0002485	0.06783	0.0002499	RBM28(0)
rs13007233	2	240501556	0.0002486	-0.04694	0.0003655	.
rs32205	5	127616518	0.000249	-0.0369	0.0002496	FBN2(0)
rs4792760	17	16563573	0.00025	0.04443	0.0002822	ZNF624(+6.415kb)
rs12964598	18	73656514	0.0002502	-0.05498	0.0002085	.
rs7120186	11	127888701	0.0002505	0.03721	0.0003496	.
rs11211305	1	47044238	0.0002506	0.13	0.000255	MKNK1(0)
rs11211310	1	47046035	0.0002506	0.13	0.000255	MKNK1(0)
rs11211311	1	47047226	0.0002506	0.13	0.000255	MKNK1(0)
rs12074458	1	47046930	0.0002506	0.13	0.000255	MKNK1(0)
rs13169235	5	7109967	0.0002506	0.13	0.0002164	.
rs41305866	1	47040766	0.0002506	0.13	0.000255	MKNK1(0)
rs61783115	1	47039661	0.0002506	-0.03705	0.000255	MKNK1(0)
rs10969304	9	29641283	0.0002507	0.03731	0.0001666	.
rs10514195	18	73679591	0.0002513	-0.05493	0.000213	.
rs10514196	18	73680098	0.0002513	-0.05493	0.000213	.
rs10514197	18	73680172	0.0002513	-0.05493	0.000213	.
rs9988835	11	75962112	0.0002514	-0.04274	0.0002309	.
rs1610587	6	29676551	0.0002515	0.03486	0.0002141	HLA-F(-14.56kb)
rs59168689	2	3249795	0.0002523	0.03289	0.0002013	TSSC1(0)
rs4944099	11	75964644	0.0002525	-0.04206	0.0002433	.
rs7036104	9	29635944	0.0002526	0.03718	0.000177	.
rs12990580	2	240504326	0.0002529	-0.04661	0.0003745	.
rs13412958	2	50779401	0.0002531	0.03603	0.0002926	NRXN1(0)
rs16823150	2	183244353	0.0002531	-0.04123	0.0004129	PDE1A(0)
rs11158737	14	68880574	0.0002535	-0.03998	0.0001873	RAD51L1(0)
rs36068876	5	159409793	0.0002539	0.08271	0.0001395	ADRA1B(+9.776kb)
rs4810869	20	47350278	0.000254	0.06625	0.0002687	PREX1(0)
rs3005518	6	74529038	0.0002544	0.06533	0.0002654	CD109(0)
rs750827	6	74526293	0.0002544	0.06533	0.0002654	CD109(0)
rs2101725	17	71026194	0.0002545	-0.07711	0.0003759	SLC39A11(0)
rs35317306	7	77861404	0.000255	0.03273	0.0002815	MAGI2(0)
rs10819137	9	128966551	0.0002555	0.06456	0.0002104	.
rs314201	6	69846181	0.0002555	0.03453	0.0002494	BAI3(0)
rs4445258	8	119804704	0.0002558	-0.04787	0.0004301	.
rs450772	5	62576296	0.0002565	0.0364	0.0001468	.
rs17288444	9	14686308	0.0002568	-0.03582	0.0002906	ZDHHC21(0)
rs4759282	12	54072435	0.0002568	-0.03281	0.0002487	ATP5G2(+1.923kb)
rs7145422	14	68861465	0.0002574	-0.04236	0.000186	RAD51L1(0)
rs4365466	2	126833563	0.0002578	0.03747	0.0003033	.
rs11215463	11	115155259	0.0002585	0.05097	0.0002839	CADM1(0)
rs34625945	4	14527528	0.0002586	0.04848	0.0001974	.
rs28535078	14	21145076	0.000259	-0.04076	0.0002385	RNASE4(-7.295kb) ANG(-7.259kb)

rs7673369	4	136209918	0.0002594	-0.03296	0.0002039	.
rs2791443	9	18374849	0.0002595	0.03225	0.0003014	.
rs1736930	6	29678718	0.0002599	0.03472	0.0002258	HLA-F(-12.4kb)
rs12330703	3	27096518	0.0002601	0.03293	0.0002899	.
rs9816128	3	142327107	0.0002604	0.04491	0.0002736	PLS1(-15.24kb)
rs2118177	2	85890293	0.0002611	-0.03504	0.0002163	USP39(+13.89kb) SFTPB(0)
rs11170646	12	54087253	0.0002638	-0.0356	0.0002647	CALCOCO1(-17.65kb) ATP5G2(+16.74
rs10893795	11	127849857	0.0002643	0.03694	0.0003709	.
rs1865246	8	142274632	0.0002643	0.03433	0.0002389	.
rs62411749	4	14553773	0.0002644	0.04324	0.0002858	.
rs62411750	4	14554100	0.0002644	0.04324	0.0002858	.
rs10769697	11	6547407	0.0002647	0.03275	0.0003456	C11orf47(+5.317kb)
rs4792761	17	16563937	0.000265	0.0432	0.0003205	ZNF624(+6.779kb)
rs13393192	2	11368666	0.0002652	-0.03253	0.0002126	ROCK2(0)
rs61184289	4	14575665	0.0002654	0.03952	0.0002894	.
rs7109689	11	127855811	0.0002667	0.03295	0.0002506	.
rs7188879	16	79807389	0.000267	0.07563	0.0002678	.
rs28718800	3	172153005	0.0002673	0.103	0.0002662	GHSR(-9.945kb)
rs9861745	3	172153676	0.0002673	0.103	0.0002662	GHSR(-9.274kb)
rs17615756	1	194046863	0.0002676	-0.05117	0.0003377	.
rs16833758	3	122719543	0.0002677	-0.07883	0.0002413	SEMA5B(0)
rs2870632	20	54080740	0.0002682	-0.03443	0.0003019	.
rs1610593	6	29678520	0.0002685	0.03462	0.0002344	HLA-F(-12.6kb)
rs34415214	16	69419394	0.0002686	0.06789	0.0001701	TERF2(0)
rs1610745	6	29679189	0.0002688	0.03459	0.0002368	HLA-F(-11.93kb)
rs9371342	6	154760264	0.0002692	0.0821	0.000276	CNKSR3(0)
rs12447727	16	54200214	0.0002693	0.06788	0.0002923	.
rs1437576	6	74536356	0.000271	0.06479	0.000282	CD109(0)
rs1851185	2	212527729	0.0002717	-0.03923	0.0002063	ERBB4(0)
rs7140827	14	68955809	0.0002719	-0.04304	0.0002121	RAD51L1(0)
rs56109730	3	193465315	0.000272	0.04182	0.0003037	.
rs7114336	11	127836167	0.0002721	0.03712	0.0003729	.
rs7331470	13	45335607	0.0002723	-0.0478	0.0001898	.
rs9407902	9	18383380	0.0002726	-0.03163	0.0002723	.
rs6881883	5	72521622	0.0002733	0.03541	0.0002442	.
rs6882248	5	72521854	0.0002733	0.03541	0.0002442	.
rs6977987	7	67134789	0.0002733	-0.05219	0.0002529	.
rs13076273	3	197258037	0.0002737	-0.03656	0.0003213	BDH1(0)
rs6570424	6	141169707	0.0002741	0.0648	0.0002752	.
rs8107642	19	12766370	0.0002742	0.03379	0.0003322	MORG1(-11.26kb) MAN2B1(0) C19orf
rs4074586	11	21532867	0.0002743	0.03431	0.0002531	NELL1(0)
rs10486375	7	19959535	0.0002747	-0.1459	0.0002482	.
rs6939037	6	29937971	0.0002748	0.05593	0.0001234	HLA-A29.1(0) HCG9(-4.92kb)
rs1627465	6	29682901	0.0002751	0.03455	0.0002421	HLA-F(-8.215kb)
rs11221124	11	127857444	0.0002757	0.03669	0.0003815	.
rs2581492	4	47992898	0.0002768	-0.04354	0.0002888	.
rs2661546	4	47992853	0.0002768	-0.04354	0.0002888	.

rs3113875	4	47993090	0.0002768	-0.04354	0.0002888	.
rs3116796	6	29672743	0.0002771	0.03468	0.000238	HLA-F(-18.37kb)
rs472477	5	152857519	0.0002772	0.091	0.0002562	GRIA1(-12.56kb)
rs11654854	17	8554712	0.0002777	0.03405	0.0002236	.
rs28587843	4	30758905	0.0002778	0.04363	0.0002897	PCDH7(0)
rs34549668	1	204321764	0.0002788	-0.03806	0.0001975	PLEKHA6(0)
rs3133583	8	119830914	0.0002789	-0.06753	0.000263	.
rs942792	10	81078502	0.0002792	0.07021	0.0003639	ZMIZ1(+2.229kb)
rs1611356	6	29679016	0.0002797	0.0345	0.0002452	HLA-F(-12.1kb)
rs1611357	6	29679143	0.0002797	0.0345	0.0002452	HLA-F(-11.97kb)
rs6098617	20	54076039	0.0002802	-0.03425	0.0002875	.
rs2894114	6	29672821	0.0002806	0.03463	0.0002422	HLA-F(-18.3kb)
rs3116795	6	29672776	0.0002806	0.03463	0.0002422	HLA-F(-18.34kb)
rs561360	11	127840238	0.0002811	-0.04039	0.0002133	.
rs3116794	6	29672926	0.0002815	0.03454	0.0002526	HLA-F(-18.19kb)
rs11931577	4	78335569	0.0002816	0.04773	0.0003316	.
rs4239135	17	16539005	0.0002818	0.04166	0.0003385	ZNF624(0)
rs1611358	6	29679417	0.0002819	0.03453	0.0002452	HLA-F(-11.7kb)
rs1611379	6	29680270	0.0002821	0.03448	0.0002482	HLA-F(-10.85kb)
rs4356958	4	136176700	0.0002826	-0.03259	0.0002172	.
rs834367	6	19002293	0.0002837	-0.03911	0.0004104	.
rs1460686	4	136211250	0.0002838	-0.03282	0.0002201	.
rs9995651	4	90716177	0.0002839	0.08469	0.0002872	SNCA(0)
rs10839575	11	6551635	0.0002843	0.03297	0.0003642	C11orf47(+9.545kb)
rs2394659	6	29672643	0.0002857	0.03457	0.0002478	HLA-F(-18.47kb)
rs36004171	9	99176392	0.0002858	0.08359	0.000167	ZNF367(0)
rs1629180	6	29682701	0.0002866	0.03443	0.0002533	HLA-F(-8.415kb)
rs3129192	6	29682570	0.0002866	0.03443	0.0002533	HLA-F(-8.546kb)
rs9258152	6	29682572	0.0002866	0.03443	0.0002533	HLA-F(-8.544kb)
rs2253977	20	3939140	0.0002868	0.03558	0.0002967	RNF24(0)
rs2313197	1	1299129	0.0002869	-0.1245	0.0002738	MXRA8(+5.214kb) DVL1(+14.64kb) A
rs62354284	5	20553165	0.0002876	-0.1491	0.0002752	.
rs13299657	9	99100100	0.0002886	0.08078	0.0001761	SLC35D2(0)
rs1908418	1	80026704	0.0002891	0.04088	0.0002505	.
rs11737308	4	153136602	0.0002896	-0.04944	0.0002488	.
rs12444460	16	53637054	0.0002898	-0.07093	0.0002153	RPGRIP1L(0)
rs34320254	4	90705606	0.0002905	0.08457	0.0002932	SNCA(0)
rs1611359	6	29679431	0.0002906	0.0345	0.0002512	HLA-F(-11.69kb)
rs1611360	6	29679434	0.0002906	0.0345	0.0002512	HLA-F(-11.68kb)
rs1611361	6	29679466	0.0002906	0.0345	0.0002512	HLA-F(-11.65kb)
rs1611363	6	29679551	0.0002906	0.0345	0.0002512	HLA-F(-11.56kb)
rs426987	5	127613791	0.0002908	-0.03648	0.000291	FBN2(0)
rs9878482	3	10969663	0.0002909	-0.04493	0.0003311	SLC6A11(0)
rs59078959	20	47344582	0.0002916	0.06535	0.0003069	PREX1(0)
rs9682663	3	172128818	0.0002919	0.1052	0.0002839	FNDC3B(+10.33kb)
rs6551393	3	89163468	0.0002921	0.03921	0.0003407	EPHA3(0)
rs1425591	8	57559720	0.0002931	0.0471	0.0002204	.

rs4309822	4	153136083	0.0002932	-0.05193	0.000252	.
rs2262649	11	6517453	0.0002944	0.0331	0.0003599	FXC1(+11.54kb) C11orf47(-1.077kb)
rs34322165	4	14542891	0.0002946	0.04286	0.0003218	.
rs1611370	6	29679981	0.000295	0.03438	0.0002591	HLA-F(-11.13kb)
rs10839574	11	6551470	0.0002954	0.03252	0.000377	C11orf47(+9.38kb)
rs1610595	6	29679170	0.0002961	0.03436	0.0002597	HLA-F(-11.95kb)
rs6069297	20	54084340	0.0002965	-0.03388	0.0003646	.
rs3852929	20	54085557	0.0002967	-0.03418	0.0003728	.
rs2734989	6	29812643	0.0002975	0.04269	0.0001863	HLA-G(+13.74kb)
rs12957107	18	63856875	0.0002979	0.06627	0.0002963	.
rs2268231	21	32732912	0.0002979	0.03963	0.0002708	TIAM1(0)
rs7779671	7	128742221	0.0002981	0.03319	0.0004629	.
rs11629118	14	21145055	0.0002983	-0.04047	0.0002633	RNASE4(-7.316kb) ANG(-7.28kb)
rs3116790	6	29673548	0.0002995	0.08354	0.0002582	HLA-F(-17.57kb)
rs61791292	1	104756436	0.0002995	0.03447	0.0001791	.
rs12088719	1	47044875	0.0002997	0.1426	0.0003023	MKNK1(0)
rs2524271	6	29682617	0.0002998	0.03448	0.0002612	HLA-F(-8.499kb)
rs17038710	3	13892543	0.0003001	0.03993	0.0003357	WNT7A(0)
rs4809722	20	47354008	0.0003002	0.06577	0.0003167	PREX1(0)
rs4809723	20	47354520	0.0003002	0.06577	0.0003167	PREX1(0)
rs2555160	11	6516458	0.0003016	-0.03374	0.0002673	FXC1(+10.55kb) C11orf47(-2.072kb)
rs17115366	1	57672426	0.0003018	-0.05908	0.000273	DAB1(0)
rs535111	11	65485337	0.0003024	-0.03142	0.0002458	RNASEH2C(0) KAT5(0)
rs1859817	7	25458694	0.0003025	-0.03859	0.0004079	.
rs7139799	13	88759797	0.0003029	-0.04365	0.0002195	.
rs3845441	1	181655752	0.0003032	-0.04367	0.0002571	CACNA1E(0)
rs58283464	2	195794933	0.0003043	-0.0517	0.0002718	.
rs4758426	11	6544649	0.0003045	0.03302	0.0003828	C11orf47(+2.559kb)
rs1808853	4	47957360	0.0003047	-0.04069	0.0003066	CNGA1(+2.634kb)
rs1893169	11	127833801	0.0003049	0.03675	0.0004199	.
rs10983338	9	119518570	0.000305	0.04259	0.0003583	ASTN2(0)
rs16987218	2	20098208	0.0003052	0.06699	0.0002057	WDR35(-11.82kb) TTC32(0)
rs2998680	9	81102028	0.0003053	0.04423	0.0003356	.
rs6440095	3	142325748	0.0003053	0.04423	0.0003243	PLS1(-16.59kb)
rs7633021	3	142327824	0.0003053	0.04423	0.0003243	PLS1(-14.52kb)
rs9816275	3	142327240	0.0003053	0.04423	0.0003243	PLS1(-15.1kb)
rs9826463	3	142328919	0.0003053	0.04119	0.0003243	PLS1(-13.42kb)
rs17405926	1	204309134	0.0003054	-0.03494	0.0002307	PLEKHA6(0)
rs11221120	11	127845251	0.0003056	0.03671	0.0004311	.
rs6069298	20	54085193	0.0003057	-0.0341	0.0003841	.
rs9393988	6	30016676	0.0003057	-0.03598	0.0002681	ZNRD1(-12.36kb) PPP1R11(-18.25kb)
rs7783295	7	47867908	0.0003059	-0.03242	0.0002579	PKD1L1(0) FLJ21075(+8.464kb)
rs864417	2	183210447	0.0003064	0.0357	0.0003625	PDE1A(0)
rs13297309	9	99111915	0.0003073	-0.05342	0.0001771	SLC35D2(0)
rs2714617	7	67141935	0.0003073	0.08807	0.0002816	.
rs8013026	14	68832090	0.0003075	-0.04153	0.00022	RAD51L1(0)
rs4763508	12	18790817	0.0003082	0.036	0.0003179	PIK3C2G(0)

rs12954131	18	63868238	0.0003091	0.06587	0.0003107	.
rs960897	18	63866566	0.0003091	0.06587	0.0003107	.
rs17020098	2	81460772	0.0003092	0.05127	0.0003624	.
rs10769696	11	6547114	0.0003101	0.03234	0.0004052	C11orf47(+5.024kb)
rs62457140	7	67134486	0.0003109	-0.05177	0.0002847	.
rs10010440	4	138087831	0.0003113	-0.1076	0.000216	.
rs9919575	11	75963003	0.0003114	-0.04166	0.0002934	.
rs12338948	9	29638538	0.000312	0.03638	0.0002184	.
rs307356	1	1282270	0.0003121	-0.1206	0.0002894	TAS1R3(+12.43kb) MXRA8(-5.8kb) G
rs7866245	9	29641695	0.0003124	0.03687	0.0002101	.
rs12969359	18	63869813	0.0003127	0.06584	0.0003129	.
rs9966786	18	50493874	0.0003133	0.04668	0.0003445	DCC(0)
rs13128848	4	14540826	0.0003139	0.04267	0.0003428	.
rs8062851	16	26518490	0.000314	0.03257	0.0003777	.
rs17151987	7	127950414	0.0003145	0.06579	0.0003179	RBM28(-0.021kb)
rs850733	17	42451305	0.0003147	0.03362	0.0002324	ITGA2B(0)
rs4476524	3	197244019	0.0003159	-0.03302	0.0005604	BDH1(0)
rs332417	3	124253137	0.0003162	-0.03512	0.00032	KALRN(0)
rs7647497	3	142322333	0.0003163	0.04407	0.0003375	.
rs3206843	2	11318457	0.0003166	-0.03245	0.0002439	ROCK2(-3.32kb) PQLC3(0)
rs4803758	19	45327423	0.0003169	-0.03429	0.0004035	BCAM(+2.745kb)
rs9860797	3	89164099	0.0003174	0.03887	0.0003635	EPHA3(0)
rs7616998	3	197241877	0.0003175	-0.03866	0.000576	BDH1(0)
rs4723739	7	38270723	0.0003176	-0.03341	0.0004467	STARD3NL(+0.453kb)
rs28372928	16	69373851	0.0003178	0.06094	0.0002243	VPS4A(+14.9kb) TMED6(-3.308kb) T
rs10120611	9	119523145	0.0003184	0.087	0.0004404	ASTN2(0)
rs11967960	6	164771942	0.0003184	0.1172	0.0004012	.
rs12445128	16	53686308	0.000319	-0.07056	0.0002324	RPGRIP1L(0)
rs10488043	7	101649622	0.0003193	0.04303	0.0003954	CUX1(0)
rs7630371	3	89162860	0.0003195	0.03903	0.0003722	EPHA3(0)
rs41306318	10	28289092	0.0003198	0.1595	0.000323	ARMC4(+1.115kb)
rs4258637	16	64687907	0.0003203	0.03346	0.0002316	.
rs13238544	7	131021956	0.0003207	0.03871	0.0003849	MKLN1(0)
rs10961655	9	14676174	0.000321	-0.0326	0.0003727	ZDHC21(0)
rs1603129	1	80023742	0.0003212	0.04058	0.0002794	.
rs1032418	6	52834957	0.0003213	0.03251	0.0003179	GSTA4(-7.793kb)
rs1587077	1	80024948	0.0003218	0.0405	0.0002807	.
rs35562412	7	77861353	0.0003221	0.03257	0.0003392	MAGI2(0)
rs2602751	2	3255054	0.0003227	0.1219	0.0002475	TSSC1(0)
rs2716936	17	5489481	0.0003227	0.0323	0.0003304	NLRP1(+1.649kb)
rs4888673	16	77783703	0.0003232	0.05679	0.000331	NUDT7(+7.549kb)
rs4888675	16	77783757	0.0003232	0.05679	0.000331	NUDT7(+7.603kb)
rs12052439	2	81417142	0.0003233	0.04918	0.0005715	.
rs1610749	6	29681357	0.0003238	0.03453	0.0002764	HLA-F(-9.759kb)
rs17531026	4	114439090	0.0003239	-0.03687	0.0003389	CAMK2D(0)
rs2066267	6	22255514	0.0003243	0.03928	0.000446	.
rs2523948	6	29941857	0.0003243	0.0405	0.0002875	HLA-A29.1(0) HCG9(-1.034kb)

rs2833389	21	32737319	0.0003243	0.0328	0.0002996	TIAM1(0)
rs996822	20	5250423	0.0003246	0.03584	0.0002822	.
rs2015560	21	26028890	0.0003257	0.0598	0.0004437	.
rs12051767	17	7543894	0.0003261	0.06579	0.0003972	SHBG(+7.224kb) SAT2(+12.73kb) AT
rs2217041	11	127876931	0.0003262	0.03336	0.0002946	.
rs10222080	21	32731671	0.0003266	0.03934	0.0002987	TIAM1(0)
rs9976871	21	32731983	0.0003266	0.03934	0.0002987	TIAM1(0)
rs1317758	12	116843886	0.0003268	-0.03219	0.0003093	.
rs2341674	8	29198256	0.0003274	0.04415	0.0003882	DUSP4(0)
rs12955663	18	63907679	0.0003283	0.06908	0.0003113	.
rs12956627	18	63907596	0.0003283	0.06908	0.0003113	.
rs12967404	18	63909382	0.0003283	0.06908	0.0003113	.
rs12968160	18	63909736	0.0003283	0.06908	0.0003113	.
rs12968584	18	63909974	0.0003283	0.06908	0.0003113	.
rs12968674	18	63909546	0.0003283	0.06908	0.0003113	.
rs779451	6	69966532	0.0003283	0.04084	0.0003342	BAI3(0)
rs871331	3	193474671	0.0003283	0.05713	0.0003655	.
rs1611372	6	29680072	0.0003285	0.03419	0.0002846	HLA-F(-11.04kb)
rs1611373	6	29680084	0.0003285	0.03419	0.0002846	HLA-F(-11.03kb)
rs1600836	9	29630296	0.0003286	0.03675	0.0002173	.
rs9367924	6	16669367	0.0003289	-0.0456	0.0003675	ATXN1(0)
rs1437578	6	74541672	0.0003292	0.06319	0.0003404	CD109(+3.631kb)
rs3012541	6	74540597	0.0003294	0.06416	0.0003348	CD109(+2.556kb)
rs6887111	5	72522437	0.0003301	0.03505	0.0002909	.
rs2103659	20	3982572	0.0003302	0.03333	0.0003499	RNF24(0)
rs55689333	13	19509358	0.0003302	0.03652	0.000235	.
rs12969696	18	63870064	0.0003307	0.06559	0.0003296	.
rs3116793	6	29673186	0.0003313	0.03423	0.0002849	HLA-F(-17.93kb)
rs2186877	11	127862843	0.0003315	0.03317	0.0003021	.
rs60335943	3	122726885	0.0003315	-0.08548	0.0003099	SEMA5B(0)
rs6463451	7	47869751	0.0003316	-0.03213	0.0002908	PKD1L1(0) FLJ21075(+10.31kb)
rs20493	11	119957516	0.0003319	0.04815	0.000506	.
rs34927823	6	29545494	0.0003324	-0.04544	0.0002742	UBD(+17.79kb) OR2H2(-10.19kb)
rs34502205	9	99097590	0.000333	-0.04874	0.0002027	SLC35D2(0)
rs4367561	8	51557349	0.000333	-0.04874	0.0002631	SNTG1(0)
rs4607637	8	51557345	0.000333	0.08174	0.0002631	SNTG1(0)
rs9567473	13	45341349	0.0003332	-0.04776	0.0002302	.
rs3116788	6	29674197	0.0003333	0.03422	0.0002726	HLA-F(-16.92kb)
rs3116789	6	29674175	0.0003333	0.03422	0.0002726	HLA-F(-16.94kb)
rs12665243	6	77307256	0.0003334	0.04659	0.0003659	.
rs17150472	7	8563985	0.0003334	0.03707	0.0003534	NXPH1(0)
rs7126137	11	103833878	0.0003337	0.1328	0.0003056	PDGFD(0)
rs11156885	14	35950863	0.000334	0.07913	0.0003215	.
rs55689103	7	103234202	0.000334	-0.1593	0.0003125	RELN(0)
rs58415045	6	77309805	0.0003343	0.04241	0.0003688	.
rs62072852	17	16518556	0.0003343	0.04678	0.000384	ZNF624(-5.491kb)
rs12467002	2	195824908	0.0003353	-0.0517	0.000296	.

rs13024234	2	195827212	0.0003353	-0.0517	0.000296	.
rs834366	6	19002681	0.0003362	-0.03908	0.0004843	.
rs8027497	15	25093106	0.0003363	-0.05362	0.0003041	SNRPN(0)
rs1610585	6	29675676	0.0003364	0.03549	0.000285	HLA-F(-15.44kb)
rs2602747	2	3258591	0.0003365	0.03205	0.0002653	TSSC1(0)
rs7012427	8	119807622	0.0003369	-0.04712	0.0005648	.
rs11119148	1	209059239	0.0003375	-0.07266	0.0002991	.
rs245443	5	127663392	0.0003378	-0.05169	0.0002432	FBN2(0)
rs183108	6	54310798	0.0003388	-0.06586	0.0002834	.
rs189654	6	54311916	0.0003388	-0.06586	0.0002834	.
rs243797	6	54311148	0.0003388	-0.06586	0.0002834	.
rs874841	6	148937464	0.000339	-0.03467	0.0003072	.
rs7218241	17	16550817	0.0003391	0.0421	0.0003986	ZNF624(0)
rs1449506	13	42783966	0.0003398	0.04743	0.0003548	DGKH(0)
rs1610594	6	29679047	0.0003401	0.03204	0.0003031	HLA-F(-12.07kb)
rs2602743	2	3262891	0.0003401	0.034	0.0002661	TSSC1(0)
rs199916	1	181635954	0.0003405	-0.04373	0.0002982	CACNA1E(0)
rs10757059	9	19446663	0.0003407	-0.0318	0.0004366	ASAH3L(0)
rs62197539	2	195791452	0.0003418	-0.06294	0.0003064	.
rs10440295	4	14573940	0.000342	0.03886	0.0003808	.
rs4862298	4	184988203	0.0003422	0.03303	0.0003705	.
rs17150445	7	24926866	0.0003432	0.03214	0.0002879	OSBPL3(0)
rs2300217	20	3938575	0.0003432	0.03602	0.000349	RNF24(0)
rs2444595	2	3279218	0.0003432	-0.05667	0.0002647	TSSC1(0)
rs7930651	11	127822688	0.0003434	0.03719	0.0004692	.
rs6947216	7	47865973	0.0003435	-0.03183	0.0002998	PKD1L1(0) FLJ21075(+6.529kb)
rs1610584	6	29675615	0.0003437	0.0464	0.0002975	HLA-F(-15.5kb)
rs1610586	6	29676316	0.0003437	0.03407	0.0002975	HLA-F(-14.8kb)
rs35166096	18	50498354	0.0003437	0.03407	0.0003762	DCC(0)
rs930586	15	22833118	0.0003445	0.04433	0.0002981	TUBGCP5(-0.276kb)
rs9925573	16	64688573	0.0003446	0.03318	0.000247	.
rs62197540	2	195794415	0.0003454	-0.06292	0.0003082	.
rs61766391	1	80026481	0.0003464	0.04034	0.0003038	.
rs7775778	6	19019537	0.0003468	-0.03895	0.0004867	.
rs1615739	2	17735861	0.0003473	-0.07002	0.0002387	VSNL1(0)
rs8080801	17	71023489	0.0003473	-0.03588	0.0004793	SLC39A11(0)
rs4867899	5	169317612	0.0003477	-0.03252	0.0004104	LOC100131897(0) DOCK2(0)
rs12968364	18	63858842	0.0003489	0.03315	0.0003496	.
rs56255822	16	64694199	0.0003489	0.06532	0.0002543	.
rs59633516	12	127985024	0.0003503	-0.09404	0.0003427	.
rs7975643	12	116842717	0.0003506	-0.03178	0.0003375	.
rs11757453	6	123955967	0.0003507	-0.08019	0.0002887	TRDN(0)
rs11604149	11	6519642	0.0003508	0.03241	0.0004308	FXC1(+13.73kb) C11orf47(0) ARFIP
rs874110	4	114423031	0.0003508	-0.03745	0.0003961	CAMK2D(0)
rs7847579	9	29640181	0.0003511	0.03591	0.000243	.
rs1109492	6	74543726	0.0003525	0.06287	0.0003651	CD109(+5.685kb)
rs3012543	6	74544558	0.0003525	0.06287	0.0003651	CD109(+6.517kb)

rs6881782	5	59666601	0.0003527	0.1246	0.0003664	.
rs3748419	18	10707680	0.0003531	0.03684	0.0003243	FAM38B(+9.866kb)
rs1644454	5	160744991	0.0003542	-0.03755	0.0004338	GABRB2(0)
rs11040899	11	6520015	0.0003543	0.03238	0.0004355	FXC1(+14.1kb) C11orf47(0) ARFIP2
rs1866995	4	90731709	0.0003545	0.0823	0.0003564	SNCA(0)
rs12470801	2	183020486	0.0003546	0.033	0.000416	PDE1A(0)
rs9838527	3	89189667	0.0003547	0.03824	0.0004181	EPHA3(0)
rs36193836	2	195807025	0.0003548	-0.05119	0.0003172	.
rs61876822	11	6516117	0.0003552	-0.03417	0.0003121	FXC1(+10.21kb) C11orf47(-2.413kb)
rs9988854	11	75961957	0.0003555	-0.04186	0.0003315	.
rs6467170	7	127945168	0.0003557	0.06583	0.0003555	RBM28(-5.267kb)
rs1233390	6	29551861	0.000356	-0.04483	0.0003253	OR2H2(-3.821kb) GABBR1(-18.14kb)
rs8015516	14	68832814	0.0003564	-0.04105	0.0002589	RAD51L1(0)
rs10793145	11	75964099	0.0003566	-0.0414	0.0003443	.
rs2694085	2	3280746	0.0003567	0.03201	0.0002775	TSSC1(0)
rs8134794	21	32733739	0.0003571	0.03901	0.0003296	TIAM1(0)
rs2572098	6	99538132	0.0003575	-0.0349	0.0004422	.
rs7522769	1	204292684	0.0003575	-0.05051	0.0002552	PLEKHA6(0)
rs5006661	4	136142498	0.000359	-0.03307	0.0002644	.
rs56327760	12	16960329	0.0003592	0.03543	0.0005044	.
rs9295826	6	29970927	0.0003592	-0.03579	0.0003066	HLA-A29.1(0)
rs2194406	2	53544697	0.0003593	-0.03256	0.0002659	.
rs12617844	2	183026067	0.0003594	0.0463	0.0004561	PDE1A(0)
rs9962115	18	50498974	0.0003594	0.03261	0.0003917	DCC(0)
rs17773587	16	77772414	0.0003596	0.05612	0.0003808	NUDT7(0)
rs346430	5	62589024	0.0003596	0.03522	0.000198	.
rs1033297	2	17768612	0.0003597	-0.07311	0.000249	VSNL1(0)
rs10863728	1	209056568	0.0003597	-0.03684	0.0003279	.
rs10737357	1	31888836	0.0003598	-0.03244	0.0004865	SERINC2(0)
rs3862890	1	31889220	0.0003598	-0.03244	0.0004865	SERINC2(0)
rs2694083	2	3279353	0.0003599	0.03199	0.00028	TSSC1(0)
rs7639401	3	89165250	0.0003599	0.03597	0.0003297	EPHA3(0)
rs729748	14	24136587	0.0003609	0.04355	0.0003933	.
rs11736343	4	41170014	0.0003611	0.04068	0.0002211	APBB2(0)
rs6961875	7	131109596	0.0003614	0.03786	0.0004624	MKLN1(0)
rs2219368	2	81441729	0.0003616	0.03328	0.0006246	.
rs28771688	15	60624520	0.000362	-0.03242	0.000439	ANXA2(-14.83kb)
rs2694084	2	3280408	0.0003622	0.03297	0.0002853	TSSC1(0)
rs9933415	16	64681461	0.0003622	0.03199	0.0002658	.
rs13398408	2	62987735	0.0003631	0.04045	0.0004214	EHBP1(0)
rs2394660	6	29672686	0.0003639	0.03395	0.0003206	HLA-F(-18.43kb)
rs183109	6	54307080	0.0003641	-0.06571	0.0003043	.
rs4733846	8	129209258	0.0003644	-0.05596	0.0003398	.
rs12480683	20	3868752	0.0003646	0.03671	0.0002799	VISA(+11.99kb) PANK2(-0.733kb)
rs12475637	2	183240754	0.0003648	0.03513	0.0005362	PDE1A(0)
rs1233389	6	29552483	0.000365	-0.04532	0.0003168	OR2H2(-3.199kb) GABBR1(-17.52kb)
rs3101541	8	107591544	0.0003654	-0.03273	0.0002591	OXR1(0)

rs1317757	12	116843507	0.0003655	-0.03164	0.0003555	.
rs36132191	2	195821508	0.0003655	-0.05232	0.0003229	.
rs1414194	21	32735622	0.0003665	0.03881	0.0003413	TIAM1(0)
rs10969306	9	29642453	0.0003668	-0.03305	0.0002463	.
rs5006665	4	136142755	0.0003668	0.03649	0.0002699	.
rs2948519	17	25905359	0.000367	0.03231	0.0002432	KSR1(0)
rs6037702	20	3936392	0.0003683	0.03578	0.0003763	RNF24(0)
rs1193182	1	7537500	0.0003694	0.03266	0.0003233	CAMTA1(0)
rs1015172	15	22839971	0.0003695	-0.031	0.0003284	TUBGCP5(0)
rs1928307	1	104746115	0.0003695	0.04361	0.0003803	.
rs13111112	4	41184950	0.0003709	0.04006	0.000235	APBB2(0)
rs4945053	11	75962372	0.000371	-0.04137	0.0003544	.
rs10910981	1	181661226	0.0003711	-0.04302	0.0003131	CACNA1E(0)
rs11894251	2	86643733	0.0003713	0.03516	0.0003493	.
rs10893797	11	127852521	0.0003715	0.03236	0.0003489	.
rs11082961	18	50526038	0.0003717	0.04673	0.0003814	DCC(0)
rs3852927	20	54084699	0.0003718	-0.03339	0.0004654	.
rs3852928	20	54084834	0.0003718	-0.03339	0.0004654	.
rs2016337	11	78771634	0.0003719	0.03164	0.0004415	ODZ4(0)
rs6098616	20	54074666	0.0003721	-0.03401	0.0004002	.
rs1869417	2	3249933	0.0003722	0.03181	0.000303	TSSC1(0)
rs701655	6	69942506	0.0003725	0.05657	0.0004168	BAI3(0)
rs10254963	7	128742649	0.0003727	0.03322	0.0005733	.
rs28870083	15	60624346	0.0003734	-0.03232	0.0004521	ANXA2(-15kb)
rs12681724	8	139952110	0.0003737	0.05979	0.0003532	.
rs12675341	8	139951982	0.0003747	0.05975	0.0003558	.
rs34295116	16	69395212	0.0003751	0.06052	0.0002712	TMED6(+9.523kb) TERF2(0) NIP7(+1
rs13283860	9	99173552	0.0003753	0.08346	0.0002162	ZNF367(0)
rs3094726	6	29673221	0.0003758	0.03406	0.0003307	HLA-F(-17.89kb)
rs3116791	6	29673245	0.0003758	0.03406	0.0003307	HLA-F(-17.87kb)
rs3116792	6	29673241	0.0003758	0.03406	0.0003307	HLA-F(-17.88kb)
rs11675803	2	183250816	0.0003765	0.03556	0.000588	PDE1A(0)
rs2344933	11	6518730	0.0003766	-0.03346	0.0003361	FXC1(+12.82kb) C11orf47(0) ARFIP
rs10468229	16	9907660	0.0003768	-0.03685	0.0003433	GRIN2A(0)
rs2319875	14	22179518	0.0003771	-0.04688	0.000408	.
rs10793144	11	75964083	0.0003774	-0.04586	0.0003642	.
rs2673432	10	79479119	0.0003774	-0.04096	0.0004165	.
rs57836876	2	86693217	0.0003778	0.04383	0.0003871	JMJD1A(0)
rs4576907	12	68842125	0.0003779	0.03941	0.0004994	.
rs9301934	13	94739859	0.0003779	0.05021	0.0004166	GPC6(0)
rs1908715	5	7119293	0.000378	-0.03826	0.0003102	.
rs3742281	13	103349949	0.0003788	0.03148	0.0004579	TPP2(+18.43kb) C13orf39(+3.095kb
rs3213758	16	53639438	0.000379	-0.06878	0.0002742	RPGRIP1L(0)
rs11657060	17	8553598	0.0003791	0.03285	0.0003305	MYH10(+19.56kb)
rs8104226	19	12756456	0.0003814	0.03427	0.0004294	ZNF791(+15.78kb) MAN2B1(-0.865kb
rs61360811	6	77293733	0.0003815	0.04671	0.0004305	.
rs1437579	6	74542387	0.0003816	0.06222	0.0003994	CD109(+4.346kb)

rs5006666	4	136142799	0.0003818	-0.03294	0.0002807	.
rs4938195	11	115163665	0.0003819	0.04939	0.0003877	CADM1(0)
rs10050896	5	54197787	0.0003821	-0.03357	0.0003912	.
rs12590319	14	68889011	0.0003821	0.1022	0.000538	RAD51L1(0)
rs9364649	6	162727275	0.0003822	-0.05508	0.0003522	PARK2(0)
rs34104455	4	90651252	0.0003824	-0.07619	0.0003883	SNCA(0)
rs34342799	4	90653487	0.0003824	0.0816	0.0003883	SNCA(0)
rs8074504	17	71023013	0.0003824	0.0816	0.0005338	SLC39A11(0)
rs2694095	2	3254777	0.0003825	0.03177	0.000302	TSSC1(0)
rs34194714	4	90674018	0.0003827	0.08154	0.0003914	SNCA(0)
rs9930307	16	9899226	0.0003828	-0.03467	0.0003679	GRIN2A(0)
rs2634999	1	164395848	0.0003832	-0.07675	0.0003651	.
rs2177911	2	3254367	0.0003834	0.03199	0.0003123	TSSC1(0)
rs61166105	8	132725872	0.0003834	-0.04394	0.000476	.
rs2268362	2	49201498	0.0003836	-0.05293	0.0003522	FSHR(0)
rs12601253	17	8552660	0.0003844	0.03252	0.000344	MYH10(+18.62kb)
rs9678632	2	85847085	0.0003848	-0.03301	0.0003411	USP39(0) TMEM150(+17.26kb) C2orf
rs2530419	7	67144805	0.0003853	-0.05137	0.00036	.
rs55828608	2	86679544	0.0003856	0.04376	0.0004016	JMJD1A(0)
rs2694081	2	3277947	0.0003858	0.03196	0.0002999	TSSC1(0)
rs12109583	5	7105348	0.000386	-0.03271	0.0002965	.
rs13104582	4	30569423	0.0003866	-0.03196	0.0005027	.
rs6716008	2	3284086	0.0003874	0.03184	0.0003012	TSSC1(0)
rs2714621	7	67143072	0.0003885	-0.05013	0.000342	.
rs17716789	16	77769679	0.000389	0.05577	0.0004082	NUDT7(0)
rs7558737	2	183239941	0.000389	0.03498	0.0005699	PDE1A(0)
rs2555154	11	6524556	0.0003894	0.03224	0.0004937	FXC1(+18.64kb) C11orf47(0)
rs61391371	6	55785805	0.0003896	0.1305	0.0003879	.
rs59613942	2	86780087	0.0003897	0.04395	0.0004329	VPS24(0)
rs11915185	3	197255624	0.0003899	-0.03559	0.0003906	BDH1(0)
rs7486708	12	47418285	0.0003901	0.06437	0.0003889	.
rs2085009	2	3281276	0.0003911	0.03182	0.0003041	TSSC1(0)
rs2462956	2	3280842	0.0003911	0.03182	0.0003041	TSSC1(0)
rs17151983	7	127946108	0.0003915	0.06502	0.0003962	RBM28(-4.327kb)
rs7790564	7	25457580	0.0003922	-0.03922	0.0005412	.
rs3903160	6	29932897	0.0003927	-0.03497	0.0003359	HLA-A29.1(0) HLA-A(+19.24kb) HCG
rs34701978	9	99209457	0.000393	0.08108	0.0002315	HABP4(-2.956kb)
rs7641811	3	89186548	0.0003932	0.03791	0.0004657	EPHA3(0)
rs1476572	6	29674741	0.0003935	0.0337	0.0003482	HLA-F(-16.38kb)
rs41284763	4	90830603	0.0003942	0.04447	0.0003965	MMRN1(0)
rs4941419	13	42766831	0.0003942	0.08758	0.0004233	DGKH(0)
rs4608557	2	3252099	0.0003947	0.03166	0.0003195	TSSC1(0)
rs33959627	6	30002335	0.0003949	0.06695	0.0003208	.
rs34196951	18	63838093	0.0003949	-0.04013	0.0004064	.
rs11075982	16	53720124	0.0003954	-0.06937	0.000294	RPGRIP1L(0) FTO(-17.75kb)
rs11077153	16	7273288	0.0003958	-0.03391	0.0003453	A2BP1(0)
rs11934887	4	78335597	0.0003964	0.04686	0.0004754	.

rs2870631	20	54080512	0.0003969	-0.03382	0.0004381	.
rs7699771	4	63407474	0.0003973	-0.04675	0.0003289	.
rs704330	1	181726413	0.0003978	-0.04298	0.0003505	CACNA1E(0)
rs2256539	6	29937740	0.0003979	0.03224	0.0003647	HLA-A29.1(0) HCG9(-5.151kb)
rs17463162	3	172125105	0.000398	0.1113	0.0003887	FNDC3B(+6.618kb)
rs3815082	6	30113955	0.000398	-0.03664	0.0003236	TRIM15(-17.03kb) TRIM40(0) TRIM1
rs987177	6	165567275	0.0003982	-0.03716	0.0003371	.
rs1334515	7	80251822	0.0003988	-0.1418	0.0003769	CD36(0)
rs1334516	7	80251824	0.0003988	-0.1418	0.0003769	CD36(0)
rs12455244	18	50541705	0.000399	0.0464	0.0004157	DCC(0)
rs12607155	18	50539387	0.000399	0.0464	0.0004157	DCC(0)
rs4940233	18	50534370	0.000399	0.0464	0.0004157	DCC(0)
rs11078712	17	7785977	0.0003994	0.04729	0.0003819	CHD3(-2.145kb)
rs2608039	8	129151648	0.0003995	-0.0802	0.0003675	.
rs482397	6	69592892	0.0003999	0.0585	0.0002889	BAI3(0)
rs9323778	14	86207490	0.0004026	0.1169	0.0004068	.
rs243802	6	54308717	0.0004027	-0.06517	0.0003384	.
rs243803	6	54306884	0.0004027	-0.06517	0.0003384	.
rs243804	6	54305162	0.0004027	-0.06517	0.0003384	.
rs243805	6	54305059	0.0004027	-0.06517	0.0003384	.
rs243809	6	54300766	0.0004027	-0.06517	0.0003384	.
rs243810	6	54300597	0.0004027	-0.06517	0.0003384	.
rs243811	6	54300346	0.0004027	-0.06517	0.0003384	.
rs243812	6	54299987	0.0004027	-0.06517	0.0003384	.
rs7758611	6	54299470	0.0004027	-0.06517	0.0003384	.
rs1955830	14	27180997	0.0004034	0.07652	0.0007955	.
rs1677381	5	160752997	0.0004035	0.04588	0.0004964	GABRB2(0)
rs17251240	18	73686361	0.0004035	-0.0537	0.0003382	.
rs8097721	18	50493272	0.0004035	-0.0373	0.0004411	DCC(0)
rs3895089	1	181695986	0.0004043	-0.04206	0.0003463	CACNA1E(0)
rs8055545	16	64623803	0.0004044	0.03276	0.0003167	.
rs243786	6	54315939	0.0004047	-0.06484	0.0003402	.
rs28620524	7	146901474	0.0004048	0.1136	0.0004259	CNTNAP2(0)
rs12693302	2	183211443	0.0004053	0.03408	0.0004931	PDE1A(0)
rs2938897	9	81103987	0.0004057	0.04181	0.0004349	.
rs10078192	5	14116396	0.0004065	0.05957	0.0004509	.
rs11215467	11	115162376	0.000407	0.04907	0.0004196	CADM1(0)
rs13018466	2	11317226	0.0004071	-0.03213	0.0003123	ROCK2(-4.551kb) PQLC3(0)
rs2188510	7	92901040	0.0004071	0.03232	0.0004891	CCDC132(0)
rs17594634	5	106821062	0.0004079	-0.1226	0.0003853	EFNA5(0)
rs441398	5	115006584	0.0004081	-0.039	0.0003349	.
rs7103050	11	127851397	0.0004084	0.03422	0.0005784	.
rs61959225	13	42716318	0.0004088	0.04681	0.0004466	DGKH(0)
rs4912947	5	143166322	0.000409	0.0364	0.0003824	.
rs7046639	9	9602277	0.000409	0.05527	0.0004249	PTPRD(0)
rs11077152	16	7273117	0.0004091	-0.03378	0.0003562	A2BP1(0)
rs11265783	9	92121724	0.0004099	-0.03311	0.0004219	.

rs7578733	2	149027343	0.0004102	0.1497	0.0001465	.
rs2075050	4	13526386	0.0004104	0.03297	0.0003743	NKX3-2(-16.07kb)
rs11127392	2	3251042	0.0004109	0.03193	0.0003462	TSSC1(0)
rs7031908	9	6635045	0.0004117	0.0378	0.0005142	GLDC(0)
rs768803	8	143205625	0.0004121	-0.03441	0.000381	.
rs6905810	6	137215531	0.0004124	0.1523	0.0003952	PEX7(0)
rs7544827	1	181717600	0.0004127	-0.04283	0.0003551	CACNA1E(0)
rs58835755	8	82171765	0.000413	0.06564	0.0004189	.
rs7232361	18	63905116	0.000413	0.06088	0.0004063	.
rs1150144	2	157178503	0.0004136	-0.03527	0.0003795	NR4A2(-2.44kb)
rs5910	17	42449789	0.0004137	0.03252	0.0003279	ITGA2B(0) GRN(+19.32kb)
rs35994853	7	128738262	0.0004138	0.03292	0.0006639	.
rs2546619	5	160749179	0.0004142	-0.03754	0.0005224	GABRB2(0)
rs13315867	3	89181065	0.0004146	0.03773	0.0004935	EPHA3(0)
rs220984	20	22970047	0.0004149	-0.05074	0.0004394	.
rs4850569	2	195786904	0.0004149	0.04341	0.00037	.
rs11127391	2	3250997	0.0004157	0.03188	0.0003539	TSSC1(0)
rs6440097	3	142331719	0.000416	0.04309	0.0004391	PLS1(-10.62kb)
rs13286777	9	99104322	0.0004165	0.0781	0.0002575	SLC35D2(0)
rs13291691	9	99104895	0.0004165	0.0781	0.0002575	SLC35D2(0)
rs13291718	9	99104966	0.0004165	0.0781	0.0002575	SLC35D2(0)
rs13291829	9	99111140	0.0004165	0.0781	0.0002575	SLC35D2(0)
rs35527184	9	99110607	0.0004165	0.0781	0.0002575	SLC35D2(0)
rs10144913	14	86207367	0.0004167	0.1167	0.000416	.
rs2255728	2	3283277	0.0004169	0.0317	0.0003239	TSSC1(0)
rs17583437	4	115807803	0.0004171	0.06722	0.0004248	NDST4(0)
rs12330710	3	27096806	0.0004175	0.03151	0.0004767	.
rs4891105	18	73678506	0.0004179	-0.05397	0.0003594	.
rs2966031	16	64700368	0.0004181	0.03267	0.0003031	.
rs10016161	4	14576869	0.0004186	0.03816	0.0004605	.
rs10996811	10	67748124	0.0004187	0.1079	0.0004332	CTNNA3(0)
rs34751838	9	99124505	0.0004193	0.07807	0.0002587	SLC35D2(0)
rs35106566	9	99123227	0.0004193	0.07807	0.0002587	SLC35D2(0)
rs35218578	9	99122112	0.0004193	0.07807	0.0002587	SLC35D2(0)
rs35667087	9	99124786	0.0004193	0.07807	0.0002587	SLC35D2(0)
rs1558903	16	53712628	0.0004197	-0.06912	0.0003092	RPGRIP1L(0)
rs4133018	16	53698715	0.0004197	-0.06912	0.0003092	RPGRIP1L(0)
rs1677380	5	160752944	0.0004199	-0.03716	0.0005182	GABRB2(0)
rs55704566	18	50504110	0.0004202	0.04569	0.0004661	DCC(0)
rs1012544	18	73681589	0.0004205	-0.05354	0.0003524	.
rs12444754	16	26518358	0.0004207	0.0318	0.0004897	.
rs2938899	9	81102655	0.000421	0.04099	0.0004583	.
rs10943372	6	77306838	0.0004214	-0.03645	0.0004467	.
rs9261508	6	30112704	0.0004214	0.04733	0.0003451	TRIM15(-18.28kb) TRIM40(0) TRIM1
rs6768846	3	89183016	0.0004215	0.03768	0.0005016	EPHA3(0)
rs61982107	14	70279976	0.0004218	0.04521	0.0004032	SLC10A1(+16.02kb)
rs4340348	16	64690085	0.0004221	0.03257	0.0003157	.

rs3010698	9	81103538	0.0004222	-0.03901	0.0004671	.
rs7790159	7	25457583	0.0004222	0.04151	0.0005856	.
rs11077154	16	7273595	0.0004223	-0.03365	0.0003426	A2BP1(0)
rs12051030	16	7273610	0.0004223	-0.03365	0.0003426	A2BP1(0)
rs1298520	2	156544409	0.0004225	0.03255	0.0003802	.
rs2333546	18	63906678	0.0004227	0.06554	0.0004146	.
rs10136556	14	24139603	0.0004252	-0.04175	0.0005064	.
rs6424819	1	181671646	0.0004252	0.04229	0.0003691	CACNA1E(0)
rs34633268	2	86666301	0.0004255	0.04254	0.0004581	JMJD1A(-2.052kb)
rs56169889	2	86686285	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs56242451	2	86690056	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs56347930	2	86683901	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs57291816	2	86671868	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs58361202	2	86675231	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs59183618	2	86692772	0.0004255	0.04254	0.0004581	JMJD1A(0)
rs12597721	16	53717174	0.0004257	-0.06903	0.0003148	RPGRIP1L(0)
rs59594997	17	16560113	0.0004258	0.04182	0.0005141	ZNF624(+2.955kb)
rs8076849	17	16566247	0.0004264	0.04136	0.0005017	ZNF624(+9.089kb)
rs3094727	6	29672529	0.0004269	0.03425	0.0003667	HLA-F(-18.59kb)
rs7591292	2	183016575	0.0004271	0.03282	0.0004841	PDE1A(0)
rs59630213	16	77777030	0.0004272	0.0543	0.0004544	NUDT7(+0.876kb)
rs3766990	1	181670042	0.0004275	-0.04174	0.0003712	CACNA1E(0)
rs16890738	4	14582702	0.0004284	0.03805	0.0004735	.
rs2318363	8	139950489	0.0004285	0.05883	0.0004102	.
rs746278	3	10968172	0.0004289	-0.03809	0.0004613	SLC6A11(0)
rs9821502	3	89199301	0.0004291	0.03771	0.0005027	EPHA3(0)
rs6750358	2	3161627	0.0004293	-0.04028	0.0009008	.
rs1944298	18	57141534	0.0004303	-0.08805	0.0003921	CCBE1(0)
rs11793039	9	117464242	0.0004309	-0.0569	0.0003884	.
rs17243759	11	6518932	0.0004321	-0.03324	0.0003781	FXC1(+13.02kb) C11orf47(0) ARFIP
rs10801626	1	197823154	0.0004328	0.03381	0.0004351	.
rs12961243	18	63901750	0.0004331	0.06538	0.0004281	.
rs1437747	2	44865678	0.0004331	-0.03513	0.0004417	C2orf34(0)
rs834834	2	157183635	0.0004331	0.03166	0.0004018	NR4A2(0)
rs12053267	2	3248464	0.0004334	0.03141	0.0003504	TSSC1(0)
rs987319	1	201539249	0.0004339	0.07597	0.0004458	.
rs8095755	18	38943445	0.000435	-0.03575	0.0005744	.
rs11708608	3	137292104	0.0004354	-0.04699	0.0004435	.
rs4762969	12	20699519	0.0004356	0.0329	0.0004521	PDE3A(0)
rs1012651	16	26511474	0.0004359	0.03194	0.0005058	.
rs12598634	16	53692238	0.000436	-0.06913	0.00032	RPGRIP1L(0)
rs4574621	6	19160358	0.0004363	-0.03789	0.0006143	.
rs7188841	16	9904150	0.0004368	-0.03575	0.0004079	GRIN2A(0)
rs17318284	2	44875897	0.0004374	0.0318	0.000431	C2orf34(0)
rs4477117	9	29630409	0.0004377	-0.03753	0.0002988	.
rs9261440	6	30090820	0.0004377	0.03563	0.0003371	TRIM40(-13.69kb) TRIM31(+9.953kb)
rs12445162	16	53750137	0.0004383	-0.06718	0.0003245	RPGRIP1L(+12.37kb) FTO(0)

rs1632963	6	29683528	0.0004384	0.03353	0.0003766	HLA-F(-7.588kb)
rs7611735	3	89186994	0.0004385	0.03758	0.0005185	EPHA3(0)
rs2729118	3	1118039	0.0004402	0.038	0.0002238	CNTN6(-16.59kb)
rs457963	5	62559532	0.0004403	-0.03544	0.0003335	.
rs7018088	8	129221767	0.0004404	-0.05651	0.0003972	.
rs11127393	2	3251219	0.0004406	0.03138	0.000357	TSSC1(0)
rs12471956	2	3249803	0.0004406	0.03138	0.000357	TSSC1(0)
rs1869418	2	3249910	0.0004406	0.03138	0.000357	TSSC1(0)
rs4411728	2	3252656	0.0004406	0.03138	0.000357	TSSC1(0)
rs4493298	2	3254133	0.0004406	0.03138	0.000357	TSSC1(0)
rs4854156	2	3252456	0.0004406	0.03138	0.000357	TSSC1(0)
rs7557707	2	3250382	0.0004406	0.03138	0.000357	TSSC1(0)
rs10402271	19	45329214	0.0004416	-0.03316	0.0005662	BCAM(+4.536kb)
rs16917152	9	31565044	0.0004419	-0.09535	0.0004137	.
rs7191183	16	9900057	0.0004429	-0.03426	0.0004256	GRIN2A(0)
rs311326	6	153137621	0.000443	0.04319	0.0006179	.
rs9620955	22	30562384	0.0004431	0.05376	0.0004722	HORMAD2(0)
rs9627438	22	46783900	0.0004436	0.06239	0.0005912	CELSR1(0)
rs1861192	16	9908091	0.000444	-0.03545	0.000436	GRIN2A(0)
rs34971426	18	63829409	0.0004443	0.06656	0.0004537	.
rs9868838	3	89191493	0.0004444	0.03761	0.0005212	EPHA3(0)
rs10890872	11	108503567	0.0004449	-0.03947	0.0006805	.
rs10412413	19	45327309	0.000445	-0.03333	0.0005672	BCAM(+2.631kb)
rs7407955	18	73683930	0.0004452	-0.05311	0.000364	.
rs57445595	6	165548304	0.0004454	-0.04554	0.000354	.
rs11045293	12	20676867	0.0004469	-0.03172	0.0003719	PDE3A(0)
rs12435253	14	71473847	0.0004475	-0.05075	0.0003989	PCNX(0)
rs2167967	2	3159760	0.0004478	-0.04083	0.0006722	.
rs2938898	9	81103454	0.0004478	0.04104	0.0004881	.
rs1440220	4	47984713	0.0004481	-0.03978	0.0004239	.
rs2368681	2	3284331	0.0004482	0.03189	0.0003537	TSSC1(0)
rs35877173	20	11575962	0.0004486	-0.04048	0.0004761	.
rs4902571	14	68819234	0.0004486	0.04939	0.0003212	RAD51L1(0)
rs6841271	4	47966636	0.0004491	-0.03916	0.0004439	CNGA1(+11.91kb)
rs12624259	2	183025908	0.0004492	0.0321	0.0005302	PDE1A(0)
rs1392909	4	14567771	0.0004506	0.03824	0.0004988	.
rs17304799	2	156504474	0.0004508	0.03402	0.000434	.
rs11185388	1	104741354	0.0004514	-0.03059	0.0004777	.
rs2723655	11	6516755	0.0004533	0.03221	0.0005703	FXC1(+10.84kb) C11orf47(-1.775kb)
rs3741333	11	118986972	0.0004537	-0.06385	0.0003772	MIZF(-5.315kb) DPAGT1(+14.19kb)
rs12639827	4	136229278	0.0004562	-0.03207	0.0003525	.
rs2025679	6	19023147	0.0004562	-0.03853	0.0006178	.
rs4112273	10	99863227	0.0004563	-0.03174	0.000419	.
rs2893207	7	25457072	0.0004564	-0.03748	0.0006347	.
rs7775944	6	123956349	0.0004568	-0.07828	0.0003817	TRDN(0)
rs2151507	20	56850428	0.0004571	-0.05268	0.0007074	.
rs2949063	2	36131188	0.0004571	0.03465	0.0004466	.

rs10922305	1	197821769	0.0004573	0.03816	0.0005513	.
rs675835	18	57169168	0.0004579	-0.06184	0.0004098	CCBE1(0)
rs1722501	7	80244694	0.000458	-0.1385	0.0004349	CD36(0)
rs7647212	3	142322055	0.0004584	0.04292	0.0004972	.
rs4523575	1	204288527	0.0004585	-0.03335	0.0003263	PLEKHA6(0)
rs7298061	12	126760496	0.0004586	-0.03158	0.0002974	.
rs62124329	19	33148293	0.0004588	0.1322	0.0004399	RGS9BP(-18.02kb) ANKRD27(0)
rs173768	5	160747541	0.0004591	-0.03689	0.0005546	GABRB2(0)
rs253001	5	160747987	0.0004591	-0.03689	0.0005546	GABRB2(0)
rs6856727	4	153121818	0.0004596	-0.03763	0.0003472	.
rs7647240	3	89243497	0.0004597	0.03963	0.0005137	EPHA3(0)
rs10757060	9	19446853	0.00046	-0.03103	0.0005838	ASAH3L(0)
rs13334070	16	53724970	0.0004601	-0.06709	0.0003314	RPGRIP1L(0) FTO(-12.9kb)
rs4150894	8	86104868	0.0004601	-0.1421	0.0004389	E2F5(0)
rs4245074	11	127894927	0.0004603	0.03235	0.0004276	.
rs1518808	2	86646193	0.0004608	0.04225	0.0004991	.
rs1518810	2	86649433	0.0004608	0.04225	0.0004991	JMJD1A(-18.92kb)
rs7617491	3	27097059	0.0004608	0.03139	0.0005354	.
rs3103980	8	119821583	0.0004609	-0.05041	0.0007817	.
rs7755060	6	19019574	0.0004615	-0.03811	0.0006747	.
rs57999769	8	82171118	0.0004616	0.05444	0.0004685	.
rs12829722	12	121155622	0.000462	0.03755	0.0004635	UNC119B(0) KIAA0152(+15.96kb) AC
rs4938196	11	115164267	0.0004623	0.04939	0.0004775	CADM1(0)
rs9807708	18	10699935	0.0004634	0.03753	0.0004036	FAM38B(+2.121kb)
rs11211241	1	46452683	0.000464	-0.0323	0.0003847	MAST2(0)
rs10789673	11	108498988	0.0004641	-0.0394	0.0007072	.
rs2250886	11	6529642	0.0004641	-0.0394	0.0005917	C11orf47(0)
rs7933048	11	108500040	0.0004641	0.0319	0.0007072	.
rs17013571	2	127077776	0.0004644	0.04251	0.0005902	.
rs17588122	2	51520394	0.0004645	0.1333	0.0004721	.
rs4078324	1	204264359	0.0004648	-0.03129	0.0004882	PLEKHA6(0)
rs2163156	5	97050542	0.0004657	0.03285	0.000434	.
rs2963077	5	146292145	0.0004657	0.07062	0.000583	PPP2R2B(0)
rs17780311	18	57162986	0.0004662	-0.0792	0.0004373	CCBE1(0)
rs9997675	4	47967593	0.0004667	-0.03907	0.00046	CNGA1(+12.87kb)
rs517545	3	124163690	0.000467	-0.03207	0.0003985	KALRN(0)
rs59565858	11	118986456	0.0004671	-0.06377	0.0003875	MIZF(-5.831kb) DPAGT1(+13.67kb)
rs62009533	15	22878582	0.0004677	0.04266	0.0004266	TUBGCP5(+4.691kb) CYFIP1(-14.1kb)
rs4309823	4	153136125	0.0004683	-0.04864	0.0004198	.
rs9868309	3	142335332	0.0004684	0.04291	0.0004985	PLS1(-7.011kb)
rs1233394	6	29549261	0.0004687	0.03489	0.0004292	OR2H2(-6.421kb)
rs6502515	17	16512675	0.0004687	-0.04396	0.0005062	ZNF624(-11.37kb)
rs1644517	5	160751493	0.0004688	-0.03682	0.0005787	GABRB2(0)
rs9848187	3	89196729	0.0004693	0.03746	0.0005492	EPHA3(0)
rs59883476	2	183249317	0.0004694	0.03482	0.0007295	PDE1A(0)
rs56163086	2	99298202	0.0004695	-0.03392	0.0006259	MGAT4A(0)
rs7247050	19	12729317	0.0004698	0.03345	0.0005403	ZNF791(0) ZNF490(+7.722kb)

rs9883005	3	89219124	0.0004708	0.03744	0.0005569	EPHA3(0)
rs11040900	11	6524240	0.000471	-0.06367	0.0004206	FXC1(+18.33kb) C11orf47(0)
rs59255488	11	118986118	0.000471	-0.03297	0.0003918	MIZF(-6.169kb) H2AFX(+19.94kb) D
rs13126967	4	30542584	0.0004714	-0.03118	0.0006103	.
rs10497597	2	183263753	0.0004715	0.03527	0.0006922	PDE1A(0)
rs13247061	7	25458920	0.0004717	-0.03907	0.0004381	.
rs6447602	4	47959022	0.0004717	-0.03943	0.0004724	CNGA1(+4.296kb)
rs12330906	3	27096656	0.0004723	0.03141	0.0005233	.
rs6733550	2	85828014	0.0004725	-0.03234	0.0004234	VAMP8(+18.86kb) VAMP5(+7.503kb)
rs253016	5	160743764	0.0004728	-0.03116	0.0005717	GABRB2(0)
rs4767401	12	116842156	0.0004728	-0.03699	0.0004537	.
rs56055358	2	86698553	0.0004733	0.04221	0.0005122	JMJD1A(0)
rs11760667	7	77855323	0.0004739	0.03132	0.00056	MAGI2(0)
rs17304645	2	156502635	0.000474	0.03388	0.0004589	.
rs987579	14	71513480	0.0004742	-0.04998	0.0004156	PCNX(0)
rs894278	4	90734535	0.0004743	0.06869	0.0004869	SNCA(0)
rs4900980	14	50517910	0.0004745	-0.03911	0.000414	.
rs13147816	4	136228438	0.0004746	-0.03257	0.0004176	.
rs4262084	5	72521202	0.0004751	0.03369	0.0004311	.
rs12043482	1	197817740	0.0004754	0.03804	0.0005724	.
rs7654246	4	110157491	0.0004761	-0.03254	0.0004306	COL25A1(0)
rs10473935	5	72523428	0.0004762	0.03392	0.0003731	.
rs3014247	1	46163733	0.0004766	-0.03204	0.0003939	TMEM69(+3.625kb) IPP(-0.673kb)
rs10015317	4	110161875	0.0004773	-0.0326	0.0004461	COL25A1(0)
rs12599095	16	53689640	0.0004774	-0.06865	0.0003515	RPGRIP1L(0)
rs13088443	3	82538915	0.0004774	-0.05111	0.0004052	.
rs62258752	3	82539388	0.0004774	-0.05111	0.0004052	.
rs4855485	3	68545955	0.0004781	0.03167	0.0004865	FAM19A1(0)
rs2298727	4	90742861	0.0004785	0.06995	0.0004897	SNCA(0)
rs2298728	4	90742815	0.0004785	0.06995	0.0004897	SNCA(0)
rs11692209	2	156505758	0.000479	0.03389	0.0004631	.
rs12493344	3	64326764	0.0004794	0.03136	0.0004402	.
rs2100420	2	3281084	0.0004794	-0.08565	0.0003737	TSSC1(0)
rs28798133	7	70522746	0.0004798	0.05093	0.000491	.
rs9594686	13	42723197	0.000481	0.04351	0.0005143	DGKH(0)
rs3792230	2	69097294	0.0004814	-0.03216	0.0004054	BMP10(0)
rs12447949	16	53681237	0.0004818	-0.06761	0.0003561	RPGRIP1L(0)
rs12597471	16	53678429	0.0004818	-0.06761	0.0003561	RPGRIP1L(0)
rs35343031	16	53659779	0.0004818	-0.06761	0.0003561	RPGRIP1L(0)
rs58848019	16	53668214	0.0004818	-0.06761	0.0003561	RPGRIP1L(0)
rs2694099	2	3245583	0.0004819	0.03172	0.0003869	TSSC1(0)
rs7144796	14	21946473	0.000482	-0.03165	0.0003904	TOX4(0) RAB2B(+1.352kb) METTL3(-
rs13284939	9	99165955	0.0004824	0.08119	0.0002849	ZNF367(0)
rs13301347	9	99169603	0.0004824	0.08119	0.0002849	ZNF367(0)
rs34274103	9	99167982	0.0004824	0.08119	0.0002849	ZNF367(0)
rs34409187	9	99167092	0.0004824	0.08119	0.0002849	ZNF367(0)
rs35284849	9	99166381	0.0004824	0.08119	0.0002849	ZNF367(0)

rs4531346	1	204269185	0.0004825	-0.03427	0.0003652	PLEKHA6(0)
rs1150146	2	157180255	0.0004826	-0.03493	0.000461	NR4A2(-0.688kb)
rs13288977	9	99092433	0.0004833	0.08377	0.000285	SLC35D2(0)
rs12956599	18	63877457	0.0004836	-0.03145	0.0004899	.
rs12967935	18	63882136	0.0004836	0.06428	0.0004899	.
rs34333736	18	63876622	0.0004836	0.06428	0.0004899	.
rs34480878	18	63876375	0.0004836	0.06428	0.0004899	.
rs35473105	18	63876482	0.0004836	0.06428	0.0004899	.
rs36063577	18	63882954	0.0004836	0.06428	0.0004899	.
rs55993797	3	193469863	0.0004836	0.06428	0.0005387	.
rs6679074	1	204265128	0.0004836	0.06428	0.0005067	PLEKHA6(0)
rs7229915	18	63878048	0.0004836	0.03947	0.0004899	.
rs7625393	3	193470677	0.0004836	0.03947	0.0005387	.
rs11953937	5	72520347	0.0004837	0.03375	0.0004344	.
rs17256483	14	24136279	0.0004839	0.04199	0.0005237	.
rs1964854	14	68829522	0.000484	-0.04041	0.0003531	RAD51L1(0)
rs12272600	11	6520920	0.0004842	-0.0329	0.0004316	FXC1(+15.01kb) C11orf47(0) ARFIP
rs9807988	2	69096839	0.0004847	-0.03213	0.0004099	BMP10(0)
rs2723620	11	6523657	0.000485	0.03159	0.0006008	FXC1(+17.75kb) C11orf47(0)
rs10922304	1	197820945	0.0004854	0.03797	0.0005866	.
rs13287429	9	99173525	0.000486	0.08112	0.0002882	ZNF367(0)
rs13302443	9	99172336	0.000486	0.08112	0.0002882	ZNF367(0)
rs34304316	9	99170847	0.000486	0.08112	0.0002882	ZNF367(0)
rs35538343	9	99171706	0.000486	0.08112	0.0002882	ZNF367(0)
rs12702390	7	47841059	0.0004866	0.03455	0.0007275	PKD1L1(0) FLJ21075(0)
rs167692	4	47986088	0.0004869	-0.03921	0.0004653	.
rs1033028	15	60616935	0.0004872	-0.03188	0.0005855	.
rs13259412	8	51552744	0.0004873	-0.04638	0.0004228	SNTG1(0)
rs12149525	16	64687919	0.0004881	0.03228	0.0003658	.
rs4754336	11	108502718	0.0004883	-0.03919	0.0007486	.
rs2765019	1	1300022	0.0004884	-0.1208	0.0004688	MXRA8(+6.107kb) DVL1(+15.53kb) A
rs4497714	16	64693028	0.0004892	0.03228	0.0003573	.
rs1501150	4	14581820	0.0004898	0.03809	0.0005279	.
rs4694878	4	47952213	0.00049	-0.03866	0.000494	CNGA1(0)
rs10826677	10	29988977	0.0004902	-0.03147	0.0004797	SVIL(0)
rs17152000	7	127956424	0.0004902	0.0638	0.0004977	RBM28(0)
rs7044847	9	29630811	0.0004904	0.03529	0.0003342	.
rs10793761	1	204321018	0.0004906	-0.0325	0.0003346	PLEKHA6(0)
rs17151996	7	127954710	0.0004908	0.04346	0.0005005	RBM28(0)
rs61959256	13	42785399	0.0004908	0.06377	0.0005258	DGKH(0)
rs4776319	15	67074943	0.0004909	0.08114	0.0004699	SMAD6(+0.617kb)
rs7694566	4	47356231	0.0004909	0.03322	0.000446	GABRB1(0)
rs62061162	17	7281199	0.000491	-0.03609	0.0004901	TNK1(-3.165kb) PLSCR3(-11.86kb)
rs56090468	10	69419874	0.0004914	0.066	0.0005141	CTNNA3(0)
rs12930928	16	64713170	0.0004917	0.03226	0.0003573	.
rs12931228	16	64713299	0.0004917	0.03226	0.0003573	.
rs2710680	2	17813090	0.0004926	-0.03589	0.0003773	VSNL1(0)

rs62166774	2	85853463	0.0004932	-0.03247	0.0004407	USP39(0) C2orf68(+14.31kb)
rs2064769	14	59500989	0.0004933	0.03128	0.0004647	.
rs28508289	15	60637412	0.0004933	-0.03161	0.0005918	ANXA2(-1.937kb)
rs878192	11	108508843	0.0004939	-0.03905	0.0007791	.
rs850737	17	42443784	0.000494	0.03146	0.00041	ITGA2B(-5.765kb) GRN(+13.31kb)
rs17638685	4	136164162	0.0004943	0.03417	0.0004982	.
rs61831393	1	194047517	0.0004945	-0.0489	0.000596	.
rs17016235	4	90737879	0.0004952	0.06917	0.0005104	SNCA(0)
rs2312076	2	69094904	0.0004957	-0.03269	0.0004012	BMP10(0)
rs12599697	16	64712699	0.0004958	0.03223	0.0003609	.
rs12919285	16	64709018	0.0004958	0.03223	0.0003609	.
rs974187	16	64708572	0.0004958	0.03223	0.0003609	.
rs2723652	11	6534081	0.000496	0.03216	0.0006236	C11orf47(0)
rs906178	17	79165972	0.0004966	0.1011	0.0007672	AZI1(0)
rs4804727	19	12752898	0.0004971	0.03391	0.0005547	ZNF791(+12.22kb) MAN2B1(-4.423kb)
rs2720682	8	129145311	0.0004974	-0.08361	0.0004483	.
rs58829418	2	86699716	0.0004977	0.04202	0.0005406	JMJD1A(0)
rs59255035	2	86706693	0.0004977	0.04202	0.0005406	JMJD1A(0)
rs60717666	2	86706834	0.0004977	0.04202	0.0005406	JMJD1A(0)
rs7042951	9	119305421	0.0004978	0.04933	0.0004898	ASTN2(0)
rs11040902	11	6526051	0.000498	-0.03367	0.0004377	C11orf47(0)
rs1902780	8	129211788	0.0004985	-0.05471	0.0004602	.
rs7029245	9	6634641	0.0004988	0.03743	0.0006392	GLDC(0)
rs41281728	7	127953113	0.0004994	0.06366	0.0005108	RBM28(0)
rs2530415	7	67142615	0.0004996	-0.04912	0.0004501	.
rs362461	4	114156117	0.0005001	0.03147	0.0006062	ANK2(0)
rs8058083	16	64672157	0.0005001	0.03704	0.0004147	.
rs4760050	12	130599796	0.0005003	0.04697	0.0003811	.
rs2905924	16	64698436	0.0005013	0.0322	0.0003659	.
rs2905926	16	64704573	0.0005013	0.0322	0.0003659	.
rs7763655	6	155200674	0.0005015	-0.03999	0.0003417	.
rs2377853	1	31894594	0.0005024	-0.03388	0.0006777	SERINC2(0)
rs10876471	12	54024544	0.0005027	-0.04076	0.0003556	ATF7(+4.345kb)
rs10747299	14	68888659	0.0005029	0.03331	0.0004352	RAD51L1(0)
rs1885994	13	95457566	0.0005029	-0.03379	0.0006711	.
rs3815914	19	12760664	0.0005032	0.03339	0.0005636	ZNF791(+19.99kb) MORG1(-16.96kb)
rs500324	5	152856817	0.0005032	0.1016	0.0004914	GRIA1(-13.27kb)
rs6577971	8	139950257	0.0005039	0.05814	0.0004801	.
rs988731	2	88368598	0.0005044	0.04304	0.0004078	SMYD1(0) KRCC1(+13.35kb)
rs2429641	7	77881530	0.0005045	0.03225	0.0005217	MAGI2(0)
rs35065	12	31149663	0.0005048	0.05339	0.0004184	TSPAN11(+4.208kb)
rs507859	11	65471982	0.0005049	-0.03034	0.00041	RNASEH2C(-13.16kb) KAT5(-7.506kb)
rs17626732	2	195808307	0.0005051	-0.06036	0.0004543	.
rs4688978	4	6233890	0.000506	-0.03228	0.0003959	.
rs2511225	11	66248431	0.0005062	-0.03295	0.0007227	PELI3(+3.623kb) DPP3(0)
rs58279771	3	58329262	0.0005062	0.03226	0.0006296	PXK(0)
rs1961066	12	91481361	0.0005065	0.03444	0.0004976	LUM(-15.87kb)

rs4746909	10	71527319	0.0005073	0.07323	0.0005551	.
rs318627	7	34251372	0.0005079	0.1366	0.0004719	.
rs12955304	18	63900248	0.0005081	0.06413	0.000506	.
rs12955588	18	63898502	0.0005081	0.06413	0.000506	.
rs12956215	18	63900778	0.0005081	0.06413	0.000506	.
rs12968004	18	63897909	0.0005081	0.06413	0.000506	.
rs35278183	18	63898061	0.0005081	0.06413	0.000506	.
rs6566195	18	63899311	0.0005081	0.06413	0.000506	.
rs7231542	18	63896086	0.0005081	0.06413	0.000506	.
rs6836518	4	114206398	0.0005084	0.03612	0.0005643	ANK2(0)
rs12886719	14	24135097	0.0005086	0.04187	0.0005484	.
rs56378606	2	86826271	0.0005086	0.04285	0.0005584	RNF103(-4.244kb)
rs61876825	11	6528681	0.0005091	-0.03281	0.0004608	C11orf47(0)
rs2431695	5	159878068	0.0005093	-0.03102	0.0005542	.
rs1011572	2	53551600	0.0005099	0.0726	0.0004008	.
rs12323251	13	76400939	0.0005099	-0.03154	0.000518	LMO7(0)
rs10074446	5	72524578	0.0005102	-0.04092	0.0004618	.
rs10876470	12	54023491	0.0005102	0.03363	0.0003616	ATF7(+3.292kb)
rs11189489	10	99863825	0.0005104	-0.0313	0.0004447	.
rs13424339	2	3249259	0.0005107	0.03101	0.0004351	TSSC1(0)
rs12148075	15	67049456	0.0005108	0.08474	0.0005178	SMAD6(0)
rs6740863	2	86764680	0.0005109	0.04212	0.0005439	VPS24(0)
rs9813377	3	142321717	0.0005113	0.04295	0.0005379	.
rs62444027	6	165530562	0.0005115	-0.04565	0.0004168	.
rs7163836	15	60640228	0.0005116	-0.03155	0.0006111	ANXA2(0)
rs7046160	9	114975791	0.0005121	-0.03739	0.0004532	ROD1(-4.925kb)
rs2608041	8	129149171	0.0005122	-0.08342	0.0004628	.
rs12953418	18	63895148	0.000513	0.06406	0.0005128	.
rs12970853	18	63894932	0.000513	0.06406	0.0005128	.
rs12971105	18	63895063	0.000513	0.06406	0.0005128	.
rs2710679	2	17811378	0.0005132	-0.03576	0.0003903	VSNL1(0)
rs34070481	5	159410017	0.0005133	0.07914	0.0002894	ADRA1B(+10kb)
rs6048497	20	22984590	0.0005134	0.03517	0.0005234	.
rs9807706	18	10699873	0.0005134	0.04363	0.0004615	FAM38B(+2.059kb)
rs34605051	2	86693826	0.0005156	0.04216	0.0005484	JMJD1A(0)
rs1869416	2	3250248	0.0005158	0.03123	0.0004037	TSSC1(0)
rs1247669	4	74447417	0.0005163	0.04914	0.0005461	RASSF6(0)
rs1104880	15	91147512	0.0005164	-0.03097	0.0004825	CRTC3(0)
rs6084540	20	3962185	0.0005164	0.03467	0.0005318	RNF24(0)
rs2732243	18	73681011	0.0005166	-0.05212	0.0004188	.
rs28660554	4	138100242	0.0005167	-0.1087	0.0004662	.
rs2949066	2	36133016	0.0005168	-0.0522	0.0005019	.
rs9975344	21	32735104	0.000517	0.03878	0.0004595	TIAM1(0)
rs9258550	6	29811876	0.0005171	0.05706	0.0002462	HLA-G(+12.98kb)
rs11022044	11	11821358	0.0005181	-0.03927	0.0005203	.
rs35605998	18	63890578	0.0005181	0.06395	0.0005253	.
rs34073965	9	92124591	0.0005184	-0.03349	0.0005095	.

rs2938893	9	81096302	0.0005195	0.04113	0.0005431	.
rs3807031	6	30033884	0.0005197	-0.03834	0.0004636	ZNRD1(+1.198kb) RNF39(-4.158kb)
rs10151246	14	24151219	0.0005198	0.04157	0.0006265	.
rs4539523	14	24151625	0.0005198	0.04157	0.0006265	.
rs13283062	9	99112981	0.00052	0.07851	0.0003201	SLC35D2(0)
rs35841749	18	73676064	0.0005212	-0.05211	0.0004479	.
rs707129	2	157190398	0.0005213	-0.03498	0.0004734	NR4A2(+1.111kb)
rs2998682	9	81104687	0.000522	0.04068	0.0005736	.
rs1150147	2	157180785	0.0005222	0.06395	0.0005082	NR4A2(-0.158kb)
rs12953460	18	63894646	0.0005222	0.06395	0.0005236	.
rs12963029	18	63889687	0.0005222	0.06395	0.0005236	.
rs12965609	18	63893875	0.0005222	0.06395	0.0005236	.
rs12965991	18	63893917	0.0005222	0.06395	0.0005236	.
rs12969678	18	63894217	0.0005222	0.06395	0.0005236	.
rs35472657	18	63889479	0.0005222	-0.03473	0.0005236	.
rs3126209	1	204317623	0.0005233	-0.03573	0.0003885	PLEKHA6(0)
rs2128043	2	183116900	0.0005238	0.03211	0.0006324	PDE1A(0)
rs17333933	1	204289780	0.0005239	-0.03315	0.0003766	PLEKHA6(0)
rs60963134	2	140752343	0.0005239	0.06162	0.0004266	.
rs12962720	18	63820701	0.000524	0.0659	0.0005328	.
rs1490968	18	63821402	0.000524	0.0659	0.0005328	.
rs56918260	8	96591732	0.0005242	0.1277	0.0005283	.
rs12529577	6	165551811	0.0005245	-0.03957	0.0006006	.
rs12529968	6	165551891	0.0005245	-0.03957	0.0006006	.
rs13193870	6	165551273	0.0005245	-0.03957	0.0006006	.
rs62442102	6	165551541	0.0005245	-0.03957	0.0006006	.
rs62442103	6	165551618	0.0005245	-0.03957	0.0006006	.
rs62442104	6	165551753	0.0005245	-0.03957	0.0006006	.
rs6888178	5	115042009	0.000525	-0.07434	0.0004893	.
rs10797739	1	181700838	0.0005259	-0.04287	0.0004759	CACNA1E(0)
rs6973520	7	128740443	0.0005265	0.03199	0.0008204	.
rs12326909	18	10706827	0.0005269	0.03467	0.0004769	FAM38B(+9.013kb)
rs4422103	2	212526145	0.0005273	-0.03771	0.0004322	ERBB4(0)
rs2268359	2	49205110	0.0005274	-0.04983	0.0004848	FSHR(0)
rs12447536	16	64681634	0.000529	0.03187	0.0004026	.
rs11732361	4	153135872	0.0005292	-0.0481	0.0004796	.
rs12466584	2	195827760	0.0005295	-0.05089	0.0004848	.
rs570859	20	56823783	0.0005298	0.03427	0.0008454	.
rs12961991	18	63871398	0.0005311	0.06369	0.0005526	.
rs12962121	18	63871506	0.0005311	0.06369	0.0005526	.
rs6823950	4	47364797	0.0005311	0.03258	0.0003555	GABRB1(0)
rs503050	4	130133331	0.0005317	-0.03834	0.0005843	.
rs10805161	4	47967707	0.0005318	0.0371	0.0005234	CNGA1(+12.98kb)
rs6802483	3	89218488	0.0005318	-0.0387	0.0006243	EPHA3(0)
rs9261509	6	30112906	0.000532	-0.03576	0.000439	TRIM15(-18.08kb) TRIM40(0) TRIM1
rs9543272	13	73786309	0.0005323	-0.06938	0.0007971	.
rs6928419	6	137215553	0.0005328	0.1392	0.0005113	PEX7(0)

rs10012820	4	110161593	0.0005331	-0.03232	0.0004959	COL25A1(0)
rs2905925	16	64704250	0.0005334	0.03215	0.0003903	.
rs5006659	4	136142358	0.0005339	-0.03184	0.0004084	.
rs12417751	11	72031480	0.000534	0.1496	0.0005026	CLPB(0)
rs5020631	1	242842300	0.0005341	0.04143	0.0005756	.
rs1777310	10	29988053	0.0005349	-0.03127	0.0005212	SVIL(0)
rs17013551	2	127059923	0.0005352	0.04233	0.0006659	.
rs6070406	20	56858751	0.000536	0.03418	0.0008035	.
rs10519350	4	136111898	0.0005361	0.04479	0.0005625	.
rs12699333	7	12269804	0.0005364	-0.03148	0.0004852	TMEM106B(0)
rs11639526	16	9883002	0.0005384	-0.03343	0.0004447	GRIN2A(0)
rs4694875	4	47920328	0.0005385	-0.03849	0.0005179	NFXL1(+3.695kb) CNGA1(-17.66kb)
rs850734	17	42449025	0.0005386	0.03255	0.0003952	ITGA2B(-0.524kb) GRN(+18.55kb)
rs17085709	6	155160436	0.0005391	-0.05048	0.0003591	RBM16(+5.242kb)
rs555465	11	65468808	0.0005392	-0.03016	0.0004397	RNASEH2C(-16.34kb) KAT5(-10.68kb)
rs1049493	15	68480887	0.0005398	-0.03112	0.0004909	PIAS1(+0.483kb) CLN6(-18.44kb) C
rs1378349	4	63397241	0.0005406	-0.04615	0.0004264	.
rs7214863	17	7274077	0.0005414	-0.03511	0.0005545	TNK1(-10.29kb) TMEM95(+13.54kb)
rs61547860	2	86768170	0.0005415	0.04203	0.0005754	VPS24(0)
rs13133844	4	136141885	0.0005418	-0.05357	0.0004309	.
rs17187638	1	208779197	0.0005418	-0.03191	0.0004864	.
rs12240802	10	81077765	0.000542	0.06645	0.0007073	ZMIZ1(+1.492kb)
rs2367852	3	193473257	0.0005422	0.03913	0.0005995	.
rs4502537	3	193473880	0.0005422	0.03913	0.0005995	.
rs6544772	2	45065096	0.0005424	-0.03062	0.0005145	.
rs7347231	20	42331846	0.0005427	-0.0569	0.0004023	MYBL2(0)
rs11134596	5	169307075	0.000543	-0.03077	0.000599	LOC100131897(0) DOCK2(0)
rs11740057	5	169304925	0.000543	-0.03077	0.000599	LOC100131897(0) DOCK2(0)
rs35642329	8	57539326	0.0005435	0.04455	0.0004112	.
rs56185703	6	144967331	0.0005438	-0.04093	0.0005346	UTRN(0)
rs228667	1	7869380	0.000544	-0.04909	0.0005113	PER3(0)
rs228671	1	7870418	0.000544	-0.04909	0.0005113	PER3(0)
rs9295830	6	30044986	0.0005442	-0.03835	0.0004838	ZNRD1(+12.3kb) RNF39(+1.358kb) P
rs12240447	10	81077430	0.0005443	0.06648	0.0007041	ZMIZ1(+1.157kb)
rs4953137	2	45063235	0.000545	-0.03068	0.0005184	.
rs7695392	4	189573257	0.0005452	-0.04119	0.0005016	.
rs12668625	7	12269817	0.0005462	-0.03144	0.000493	TMEM106B(0)
rs881990	10	99859653	0.0005465	-0.03137	0.000465	.
rs7025721	9	15031488	0.0005473	-0.04795	0.0007	.
rs3800568	7	47857982	0.0005478	-0.03059	0.0004754	PKD1L1(0) FLJ21075(0)
rs13286011	9	99254394	0.0005488	0.09459	0.0002968	HABP4(+0.776kb) CDC14B(-8kb)
rs10091531	8	143202330	0.0005489	0.03175	0.000505	.
rs7488735	12	20667161	0.0005489	-0.03343	0.0005241	PDE3A(0)
rs354599	5	77134397	0.0005492	-0.04086	0.0005357	.
rs60923631	16	77783369	0.0005498	0.05319	0.000569	NUDT7(+7.215kb)
rs6855296	4	114150875	0.0005498	0.03679	0.0006674	ANK2(0)
rs57422306	16	69383897	0.00055	0.05886	0.0004045	TMED6(0) TERF2(-5.635kb) PDF(+19

rs60722751	6	141131530	0.0005501	0.04639	0.000622	.
rs9843199	3	89196136	0.0005503	0.03805	0.0006422	EPHA3(0)
rs228674	1	7874975	0.0005515	-0.04902	0.0005205	PER3(0)
rs9956172	18	50520008	0.0005515	0.0453	0.000583	DCC(0)
rs13406807	2	85854476	0.0005517	-0.03206	0.0004882	USP39(0) C2orf68(+15.32kb)
rs222616	14	24120270	0.000552	0.03211	0.0005058	DHRS2(+5.422kb)
rs1476573	6	29674648	0.0005521	0.03285	0.0004989	HLA-F(-16.47kb)
rs1548191	2	156503425	0.0005528	0.03348	0.0005364	.
rs13415749	2	3257163	0.0005535	-0.08109	0.0004348	TSSC1(0)
rs61880601	11	45536331	0.0005535	0.03103	0.0004879	.
rs9375933	6	133260475	0.0005535	0.04902	0.0006818	.
rs1037267	13	42775846	0.0005541	0.04326	0.0005929	DGKH(0)
rs1037268	13	42775932	0.0005541	0.04326	0.0005929	DGKH(0)
rs4942098	13	42774961	0.0005541	0.04326	0.0005929	DGKH(0)
rs34771484	20	42334170	0.0005544	-0.05685	0.0004076	MYBL2(0)
rs4921283	5	159870611	0.0005547	-0.0306	0.0005944	PTTG1(+14.87kb)
rs2648831	8	129150636	0.0005548	-0.03306	0.0005144	.
rs6703598	1	204291783	0.0005548	-0.07879	0.0004239	PLEKHA6(0)
rs12588330	14	68886394	0.0005551	-0.03359	0.0003871	RAD51L1(0)
rs11655816	17	71008921	0.0005552	-0.07407	0.0005402	SLC39A11(0)
rs8105287	19	12730391	0.0005559	0.03249	0.0006459	ZNF791(0) ZNF490(+8.796kb)
rs7977635	12	47421358	0.0005561	0.0631	0.0005659	.
rs9767496	6	169493838	0.0005563	0.05221	0.0007443	.
rs12435006	14	68887123	0.0005565	-0.03343	0.0004052	RAD51L1(0)
rs4902580	14	68887568	0.0005565	-0.03343	0.0004052	RAD51L1(0)
rs6848790	4	47365544	0.0005566	0.03139	0.0004659	GABRB1(0)
rs2099185	2	183378186	0.0005569	-0.0312	0.0006788	PDE1A(0)
rs1861191	16	9908066	0.0005572	-0.0349	0.0005336	GRIN2A(0)
rs11962594	6	69986533	0.0005574	0.05724	0.0005856	BAI3(0)
rs13034207	2	240541263	0.0005578	-0.04529	0.00072	.
rs4834324	4	114147402	0.0005578	0.03694	0.0006661	ANK2(0)
rs7614769	3	193479542	0.0005582	0.03896	0.0006311	.
rs170838	5	122454845	0.0005585	0.04327	0.0005197	.
rs2919879	2	88370652	0.0005585	0.03675	0.000464	SMYD1(0) KRCC1(+15.4kb)
rs55913412	7	127966509	0.0005587	-0.03434	0.000558	RBM28(0)
rs8098121	18	38956679	0.0005587	0.06326	0.0007094	.
rs708382	17	42442344	0.0005588	0.03115	0.0004722	ITGA2B(-7.205kb) GRN(+11.87kb)
rs16883531	5	54197347	0.0005591	0.09925	0.0005756	.
rs1902786	8	129217810	0.0005591	-0.05461	0.0005113	.
rs2077319	14	22115884	0.0005593	0.03181	0.0005625	OR4E2(-17.41kb) OR10G2(+12.89kb)
rs4663589	2	236385181	0.0005594	0.03217	0.0006317	CENTG2(-17.55kb)
rs1532416	5	7103288	0.0005595	-0.03187	0.0004373	.
rs10179098	2	62862587	0.0005598	0.03795	0.0007081	.
rs10461075	4	47975494	0.0005598	-0.03853	0.0005502	.
rs7800170	7	136624320	0.00056	0.03145	0.0006652	CHRM2(0)
rs2300215	20	3967623	0.0005601	0.03566	0.0005524	RNF24(0)
rs4949074	16	64643902	0.000562	0.03134	0.0004394	.

rs988869	5	7116830	0.000562	-0.03675	0.0004747	.
rs253000	5	160746488	0.0005624	-0.0364	0.0006982	GABRB2(0)
rs6840951	4	14444074	0.0005632	0.04331	0.0005847	.
rs62073709	17	16580332	0.0005638	0.05834	0.0005785	CCDC144A(-13.31kb)
rs6778737	3	64336268	0.0005638	0.07124	0.0007622	.
rs35874206	16	70720630	0.0005639	-0.03092	0.0005605	VAC14(-0.711kb) ABBA-1(+0.676kb)
rs9807946	2	102946111	0.0005641	0.03011	0.0005313	IL1RL1(0)
rs12956559	18	63886655	0.0005644	0.06346	0.0005804	.
rs62411747	4	14553336	0.0005644	0.04128	0.0006009	.
rs7194049	16	73737459	0.0005658	0.04697	0.000644	.
rs10405693	19	45326664	0.000566	-0.03276	0.0007258	BCAM(+1.986kb)
rs1908719	5	7106171	0.0005665	-0.03159	0.0004409	.
rs7008776	8	57520152	0.0005667	0.04406	0.000425	.
rs2300438	2	49207067	0.0005671	-0.04888	0.0005039	FSHR(0)
rs17771703	8	57537217	0.0005674	0.04421	0.0004372	.
rs17598471	13	42761399	0.0005675	0.04318	0.0006063	DGKH(0)
rs17598648	13	42766316	0.0005675	0.04318	0.0006063	DGKH(0)
rs55656510	13	42763533	0.0005675	0.04318	0.0006063	DGKH(0)
rs61959255	13	42772186	0.0005675	0.04318	0.0006063	DGKH(0)
rs9594699	13	42769563	0.0005675	0.04318	0.0006063	DGKH(0)
rs9594703	13	42771885	0.0005675	0.04318	0.0006063	DGKH(0)
rs4666851	2	183378875	0.0005679	-0.03119	0.0006918	PDE1A(0)
rs10483835	14	71484518	0.000568	-0.04934	0.0004996	PCNX(0)
rs9594705	13	42780915	0.0005681	0.04326	0.0006024	DGKH(0)
rs61959235	13	42751847	0.0005683	0.04327	0.0006058	DGKH(0)
rs189191	5	122453420	0.0005687	0.03723	0.0005548	.
rs253003	5	160748674	0.0005691	-0.03628	0.0006918	GABRB2(0)
rs6758298	2	183379151	0.0005692	-0.03115	0.0006927	PDE1A(0)
rs10929725	2	11339199	0.0005693	-0.03038	0.000498	ROCK2(0)
rs6733603	2	183013947	0.0005694	0.0326	0.0006537	PDE1A(0)
rs7225641	17	16560726	0.0005695	0.0416	0.0006444	ZNF624(+3.568kb)
rs9908390	17	16561739	0.0005695	0.0416	0.0006444	ZNF624(+4.581kb)
rs1030886	2	86755546	0.0005696	0.0417	0.0006101	VPS24(0)
rs1030887	2	86755652	0.0005696	0.0417	0.0006101	VPS24(0)
rs11548929	2	86756381	0.0005696	0.0417	0.0006101	VPS24(0)
rs59895355	2	86801535	0.0005696	0.0417	0.0006101	VPS24(+10.94kb)
rs60244636	2	86798114	0.0005696	0.0417	0.0006101	VPS24(+7.514kb)
rs7604179	2	86765034	0.0005696	0.0417	0.0006101	VPS24(0)
rs7608800	2	86769728	0.0005696	0.0417	0.0006101	VPS24(0)
rs4809720	20	47341312	0.0005708	0.06183	0.0005921	PREX1(0)
rs1623919	11	127884569	0.0005713	-0.0378	0.0004152	.
rs3010695	9	81098495	0.0005715	0.04032	0.0006351	.
rs7139562	13	45335345	0.0005717	-0.04831	0.0004058	.
rs5006660	4	136142389	0.0005722	-0.03174	0.0004339	.
rs9594709	13	42794508	0.0005724	0.04291	0.0006147	DGKH(0)
rs2284204	7	139620219	0.0005727	0.07656	0.0005758	TBXAS1(0)
rs2194408	2	53543619	0.0005728	-0.0319	0.0004159	.

rs10865333	2	62835586	0.0005741	0.03729	0.000727	.
rs2040349	2	85889525	0.0005744	-0.03241	0.000497	USP39(+13.12kb) SFTPB(0)
rs1604838	6	91616133	0.0005745	0.05402	0.0006536	.
rs35069	12	31147441	0.0005745	-0.0405	0.0004711	TSPAN11(+1.986kb)
rs12728172	1	91110248	0.0005749	-0.03357	0.0006276	.
rs2648843	8	129156334	0.000575	-0.07902	0.0005467	.
rs6830383	4	90745113	0.0005758	0.07223	0.0005813	SNCA(0)
rs60126815	9	108209962	0.0005761	0.03282	0.0006388	FSD1L(-0.362kb)
rs9261492	6	30110058	0.0005762	-0.03583	0.0004601	TRIM40(0) TRIM10(-9.665kb)
rs1037272	13	42790458	0.0005774	0.04279	0.0006184	DGKH(0)
rs3012519	6	74536510	0.0005776	0.05979	0.0006332	CD109(0)
rs2064770	14	59500972	0.0005779	0.03089	0.0005492	.
rs7191764	16	64688111	0.0005782	0.03161	0.0004441	.
rs11170623	12	54028708	0.0005784	-0.0403	0.0004095	ATF7(+8.509kb)
rs1875989	5	26785720	0.000579	-0.04254	0.0005497	.
rs975020	11	112094487	0.000579	-0.1019	0.0005288	PTS(-2.6kb) BCO2(+4.838kb)
rs7336254	13	102826455	0.0005794	-0.03154	0.0006367	FGF14(0)
rs7433757	3	89217329	0.0005794	0.03112	0.0006864	EPHA3(0)
rs9673712	16	64629134	0.0005794	0.0368	0.0004505	.
rs946801	1	208777749	0.0005803	-0.05252	0.0005257	.
rs6847600	4	47365733	0.0005804	0.03125	0.0004867	GABRB1(0)
rs4809721	20	47353869	0.0005805	0.06328	0.0006126	PREX1(0)
rs16958777	16	69381769	0.0005808	0.05864	0.0004245	TMED6(0) TERF2(-7.763kb) PDF(+17
rs55719951	6	165541043	0.0005808	-0.03937	0.0006493	.
rs311328	6	153137443	0.0005827	0.04249	0.0008066	.
rs2411927	2	240536550	0.0005835	-0.04571	0.0007568	.
rs7664341	4	47361447	0.0005837	0.03124	0.0004878	GABRB1(0)
rs61465748	2	86789525	0.0005844	0.04168	0.0006197	VPS24(0)
rs11659591	18	10706069	0.0005848	0.03428	0.0005266	FAM38B(+8.255kb)
rs11661941	18	10705935	0.0005848	0.03428	0.0005266	FAM38B(+8.121kb)
rs4949395	1	31879284	0.0005849	-0.03156	0.0007767	SERINC2(-6.678kb)
rs7569713	2	26294038	0.000585	-0.122	0.0005939	RAB10(0)
rs9654571	6	164773524	0.0005851	0.07325	0.0007178	.
rs2836812	21	40361732	0.0005853	0.03162	0.0006308	.
rs1430150	2	183383288	0.0005866	-0.03204	0.0006477	PDE1A(0)
rs3852199	5	106810945	0.0005866	-0.1122	0.000541	EFNA5(0)
rs12526446	6	165548973	0.0005868	-0.04885	0.000667	.
rs12526893	6	165549880	0.0005868	-0.03927	0.000667	.
rs12528187	6	165549223	0.0005868	-0.03927	0.000667	.
rs12528609	6	165549456	0.0005868	-0.03927	0.000667	.
rs12528642	6	165549648	0.0005868	-0.03927	0.000667	.
rs13209050	6	165551051	0.0005868	-0.03927	0.000667	.
rs228695	1	7884403	0.0005868	-0.03927	0.0005519	PER3(0)
rs34748873	6	165548666	0.0005868	-0.03927	0.000667	.
rs34835453	6	165548722	0.0005868	-0.03927	0.000667	.
rs35123846	6	165550540	0.0005868	-0.03927	0.000667	.
rs62442100	6	165550627	0.0005868	-0.03927	0.000667	.

rs62442101	6	165550780	0.0005868	-0.03927	0.000667	.
rs7783894	7	47868327	0.0005871	-0.03085	0.0005026	PKD1L1(0) FLJ21075(+8.883kb)
rs1274379	10	92286105	0.0005874	-0.03053	0.000648	.
rs4942097	13	42773629	0.000588	0.04312	0.0006258	DGKH(0)
rs11959005	5	115051892	0.0005882	-0.07695	0.0005381	.
rs757263	6	30098323	0.0005882	-0.03581	0.0004861	TRIM40(-6.186kb) TRIM31(+17.46kb)
rs56169877	13	45347385	0.0005893	-0.04955	0.0004807	.
rs218769	4	14428542	0.0005897	0.04798	0.0004524	.
rs3827956	18	10708106	0.0005903	0.03423	0.0005415	FAM38B(+10.29kb)
rs7804736	7	12266867	0.0005903	-0.03131	0.0005205	TMEM106B(0)
rs57640212	4	23877086	0.0005904	0.07084	0.0006162	PPARGC1A(0)
rs12795392	11	127883486	0.0005907	0.03192	0.0005329	.
rs58027666	3	122725706	0.000591	-0.07536	0.0005601	SEMA5B(0)
rs199980	1	181691962	0.0005917	-0.04263	0.0005113	CACNA1E(0)
rs6440096	3	142331360	0.0005917	0.04178	0.000646	PLS1(-10.98kb)
rs1747825	1	197753136	0.0005922	0.03919	0.0007067	DENND1B(+8.58kb)
rs4854155	2	3252294	0.0005929	0.03068	0.0005085	TSSC1(0)
rs916674	16	26511086	0.0005929	0.03078	0.0006989	.
rs2165370	8	57520845	0.0005931	0.04333	0.0004592	.
rs7357058	6	19040119	0.0005933	-0.03759	0.0008319	.
rs10876474	12	54043140	0.0005938	-0.04022	0.0004197	ATP5G2(-15.8kb)
rs7976278	12	54045121	0.0005938	-0.04022	0.0004197	ATP5G2(-13.82kb)
rs17216263	3	122719602	0.0005941	-0.07749	0.0005409	SEMA5B(0)
rs4692469	4	30552753	0.0005943	0.03058	0.0007404	.
rs7721888	5	127076616	0.0005948	0.1311	0.0005823	.
rs5744240	11	112027364	0.0005951	-0.03266	0.0005959	TEX12(-10.73kb) IL18(0) BCO2(-18
rs12044614	1	204298123	0.0005952	-0.03392	0.0004365	PLEKHA6(0)
rs2422127	11	36069214	0.0005952	0.1412	0.0006018	LDLRAD3(0)
rs6551400	3	89216001	0.0005963	0.03674	0.0007057	EPHA3(0)
rs17486233	4	115787479	0.0005964	0.06173	0.000618	NDST4(0)
rs58790065	4	23876445	0.0005965	0.07069	0.0006328	PPARGC1A(0)
rs11931222	4	14418694	0.0005966	0.04895	0.0004502	.
rs17742759	7	131027214	0.000597	0.03676	0.0007238	MKLN1(0)
rs10180959	2	49203670	0.0005977	-0.04947	0.000552	FSHR(0)
rs6909995	6	8113430	0.0005982	-0.1528	0.0004774	EEF1E1(+10.65kb)
rs2723644	11	6543017	0.0005989	0.03178	0.000698	C11orf47(+0.927kb)
rs11126350	2	26271523	0.000599	-0.1218	0.0006069	RAB10(0)
rs4665815	2	26295878	0.000599	-0.1218	0.0006069	RAB10(0)
rs9614967	22	45271733	0.0005992	0.06892	0.000614	PHF21B(-5.308kb) LOC553158(+13.0
rs13215765	6	165533455	0.0006	-0.04882	0.0005601	.
rs228657	1	7895278	0.0006	-0.03996	0.0005662	UTS2(-12.4kb) PER3(0)
rs1807304	11	63859751	0.0006002	0.03493	0.0008138	MACROD1(0) FLRT1(-11.61kb)
rs13395411	2	53548094	0.0006003	-0.03143	0.0004491	.
rs9261490	6	30109831	0.0006003	-0.0355	0.0004892	TRIM40(0) TRIM10(-9.892kb)
rs10492428	13	26281281	0.0006005	0.04823	0.0003734	ATP8A2(0)
rs11687966	2	26242316	0.0006007	-0.1217	0.0006091	RAB10(-14.66kb)
rs2617490	5	160737856	0.0006007	-0.03447	0.0006962	GABRB2(0)

rs12445196	16	53658887	0.0006009	-0.0673	0.0004417	RPGRIP1L(0)
rs536863	13	102829599	0.000601	-0.03161	0.000663	FGF14(0)
rs2239896	11	118983434	0.0006018	-0.06273	0.0005064	MIZF(-8.853kb) HMBS(+19.18kb) H2
rs7757753	6	19024910	0.0006022	-0.03751	0.0008327	.
rs2452920	17	70949903	0.0006025	-0.03198	0.0007526	SLC39A11(0)
rs61791290	1	104755080	0.0006036	0.07844	0.0003664	.
rs61791291	1	104755081	0.0006036	0.07844	0.0003664	.
rs62297819	4	47363512	0.0006042	0.03223	0.000406	GABRB1(0)
rs10851677	15	60629076	0.0006045	-0.03091	0.000733	ANXA2(-10.27kb)
rs6448722	4	30750957	0.000605	0.04195	0.0005888	PCDH7(0)
rs7777539	7	47856825	0.0006052	-0.03032	0.0005269	PKD1L1(0) FLJ21075(0)
rs6978674	7	77859611	0.0006055	0.03039	0.0006714	MAGI2(0)
rs7792410	7	12267614	0.0006058	-0.0312	0.0005379	TMEM106B(0)
rs4513011	14	22187584	0.0006062	-0.03332	0.0005813	.
rs11044404	12	19216043	0.0006067	0.1393	0.000597	.
rs13227214	7	128740355	0.0006072	0.03197	0.0008933	.
rs11735884	4	30543967	0.0006073	-0.03038	0.0008217	.
rs2144637	20	11573224	0.0006077	0.04821	0.0006583	.
rs4424266	8	51557513	0.0006086	-0.04493	0.0005642	SNTG1(0)
rs228646	1	7866915	0.0006088	-0.04871	0.0005653	PER3(0)
rs6919623	6	70000505	0.000609	0.05172	0.0006135	BAI3(0)
rs11119147	1	209058570	0.0006094	-0.06663	0.0005613	.
rs9261496	6	30111014	0.00061	-0.03544	0.0004955	TRIM15(-19.97kb) TRIM40(0) TRIM1
rs2097824	16	74015948	0.0006102	-0.03425	0.0007083	.
rs11727800	4	153135419	0.0006103	-0.04762	0.0005535	.
rs6570423	6	141141957	0.0006103	0.06085	0.0006243	.
rs6719969	2	26253921	0.0006106	-0.1216	0.0006194	RAB10(-3.052kb)
rs10161319	12	54036314	0.0006124	-0.0404	0.0004248	ATF7(+16.11kb)
rs453762	5	62593131	0.0006128	0.03458	0.0003225	.
rs9847445	3	142338536	0.0006133	0.04195	0.0006508	PLS1(-3.807kb)
rs2938890	9	81098348	0.0006136	0.05241	0.0006466	.
rs4888676	16	77783896	0.0006136	0.04174	0.0006422	NUDT7(+7.742kb)
rs9482418	6	123951730	0.0006145	-0.07413	0.0005181	TRDN(0)
rs9490841	6	123951245	0.0006145	-0.07413	0.0005181	TRDN(0)
rs7257939	19	12729096	0.0006147	0.03232	0.0007111	ZNF791(0) ZNF490(+7.501kb)
rs6500116	16	60396537	0.0006148	0.03631	0.0006665	.
rs3010697	9	81102717	0.0006161	0.04006	0.0006613	.
rs1741688	6	117273445	0.000617	0.03543	0.0006766	.
rs170631	1	7852117	0.0006172	-0.05029	0.0005864	VAMP3(+10.62kb) PER3(0)
rs28642929	15	60620739	0.0006172	-0.03094	0.0007421	ANXA2(-18.61kb)
rs12528341	6	165553730	0.0006177	0.07162	0.0007035	.
rs7184190	16	79807496	0.0006177	-0.03893	0.0006298	.
rs10179654	2	102921783	0.0006182	0.02971	0.0005376	IL1RL1(-6.178kb)
rs12476968	2	102924662	0.0006182	0.02971	0.0005376	IL1RL1(-3.299kb)
rs4090473	2	102922987	0.0006182	0.02971	0.0005376	IL1RL1(-4.974kb)
rs7568913	2	102920037	0.0006182	0.02971	0.0005376	IL1RL1(-7.924kb)
rs7138975	12	19212287	0.0006189	0.1393	0.0006019	.

rs9857567	3	142340201	0.0006192	0.04188	0.0006599	PLS1(-2.142kb)
rs9862686	3	142341201	0.0006192	0.04188	0.0006599	PLS1(-1.142kb)
rs12105874	2	212527374	0.0006202	-0.03704	0.0005059	ERBB4(0)
rs4721057	7	12267221	0.0006203	-0.03105	0.0005574	TMEM106B(0)
rs3742914	14	70498407	0.0006207	-0.1257	0.0005939	SMOC1(0) SLC8A3(-12.53kb)
rs7727697	5	169307752	0.0006212	-0.03051	0.0006827	LOC100131897(0) DOCK2(0)
rs9562572	13	45340351	0.0006213	-0.04637	0.0004456	.
rs11147869	13	42754732	0.0006219	0.04292	0.0006647	DGKH(0)
rs12431373	13	42756477	0.0006219	0.04292	0.0006647	DGKH(0)
rs55955633	16	69357264	0.0006219	0.05813	0.0004459	VPS4A(0) TMED6(-19.89kb) SNTB2(+)
rs9490840	6	123950218	0.0006219	-0.07403	0.0005261	TRDN(0)
rs9492631	6	130844635	0.0006221	-0.03916	0.0008184	.
rs1966742	8	57521787	0.0006225	0.04314	0.0004848	.
rs2302634	7	12270770	0.0006228	-0.0314	0.0005403	TMEM106B(0)
rs1903345	4	136176881	0.0006229	-0.03126	0.0004668	.
rs34216879	7	77859821	0.0006229	0.03032	0.0006905	MAGI2(0)
rs10204426	2	85903908	0.000623	0.03095	0.0005512	SFTPB(+8.596kb) GNLY(-17.5kb)
rs6969722	7	12278437	0.0006233	-0.03357	0.0005832	TMEM106B(+1.554kb)
rs2873513	8	57521964	0.0006234	0.04356	0.0004758	.
rs13381300	18	2572095	0.0006242	0.06152	0.0004209	NDC80(0) METTL4(+0.606kb)
rs650275	2	17722654	0.0006242	-0.03399	0.0004379	VSNL1(0)
rs12127974	1	91112739	0.0006244	-0.03355	0.0007231	.
rs1855386	13	88769872	0.0006246	-0.03338	0.0004277	.
rs7528187	1	91111343	0.0006246	-0.04213	0.0006858	.
rs17710832	7	47868006	0.0006251	-0.03062	0.0005397	PKD1L1(0) FLJ21075(+8.562kb)
rs10870055	9	80760371	0.0006255	-0.1423	0.0006174	.
rs3769710	2	99153756	0.0006256	-0.04931	0.0009386	INPP4A(0)
rs7987665	13	45347395	0.0006256	-0.04322	0.0005122	.
rs28378300	3	142333064	0.0006258	0.04191	0.0006644	PLS1(-9.279kb)
rs28647471	3	142333164	0.0006258	0.04191	0.0006644	PLS1(-9.179kb)
rs4398471	3	142333969	0.0006258	0.04191	0.0006644	PLS1(-8.374kb)
rs7638338	3	142334730	0.0006258	0.04191	0.0006644	PLS1(-7.613kb)
rs4953652	2	49198512	0.0006259	-0.0492	0.0005719	FSHR(0)
rs2877475	14	68823119	0.0006262	-0.03953	0.0004509	RAD51L1(0)
rs10402524	19	45329344	0.0006263	-0.03306	0.0008037	BCAM(+4.666kb)
rs29354	4	114209963	0.0006264	0.03337	0.0007076	ANK2(0)
rs6660437	1	204274256	0.0006268	-0.03033	0.0006609	PLEKHA6(0)
rs12302291	12	54051310	0.0006269	-0.04864	0.000443	ATP5G2(-7.633kb)
rs228697	1	7887579	0.0006269	-0.04864	0.000582	PER3(0)
rs228699	1	7888169	0.0006269	-0.04005	0.000582	UTS2(-19.5kb) PER3(0)
rs10810215	9	14683341	0.0006274	-0.0314	0.0005988	ZDHHC21(0)
rs1611362	6	29679471	0.0006275	0.03282	0.0005639	HLA-F(-11.64kb)
rs3927501	13	73784035	0.0006276	-0.06793	0.0008989	.
rs17550508	1	194048035	0.0006278	-0.04856	0.0008121	.
rs5911	17	42453065	0.0006281	0.03205	0.0004601	ITGA2B(0) GPATCH8(-19.58kb)
rs10810035	9	13787648	0.0006285	-0.03335	0.0005285	.
rs28709617	3	142332635	0.0006286	0.04198	0.0006616	PLS1(-9.708kb)

rs6084541	20	3962731	0.0006289	0.03407	0.0006487	RNF24(0)
rs2252097	1	195538416	0.0006293	0.03096	0.0009442	.
rs7121240	11	6552292	0.00063	0.03129	0.0008276	C11orf47(+10.2kb)
rs13382326	2	1998275	0.0006302	-0.07806	0.0008998	MYT1L(0)
rs2812309	9	108236362	0.0006303	0.03229	0.0006799	FSD1L(0)
rs5011432	7	12268668	0.0006305	-0.03121	0.0005609	TMEM106B(0)
rs2402890	7	127977352	0.0006309	0.06281	0.0006286	RBM28(0) LOC401399(-13.03kb)
rs34994484	1	223870714	0.0006311	-0.07669	0.0005838	.
rs61839706	1	242825502	0.0006313	0.041	0.0006781	.
rs2224644	6	169491266	0.0006314	0.05203	0.0008254	.
rs16867968	4	30753673	0.0006323	0.04173	0.0006291	PCDH7(0)
rs17027296	2	86790716	0.0006325	0.04156	0.000673	VPS24(+0.116kb)
rs10900218	10	45961422	0.0006331	-0.03496	0.0004436	MARCH8(0) ALOX5(+19.86kb)
rs2402181	5	15786586	0.0006331	-0.06185	0.0008931	FBXL7(0)
rs12620461	2	8262588	0.0006333	0.04098	0.0009797	.
rs9482416	6	123951153	0.0006337	-0.07656	0.0005363	TRDN(0)
rs35672793	19	12731178	0.0006346	0.03236	0.0007136	ZNF791(0) ZNF490(+9.583kb)
rs28876832	4	138097239	0.0006352	0.04179	0.000573	.
rs62072853	17	16518653	0.0006352	-0.1356	0.0008	ZNF624(-5.394kb)
rs28437402	15	60629172	0.0006355	-0.0308	0.0007653	ANXA2(-10.18kb)
rs4888672	16	77783666	0.0006358	0.05239	0.000657	NUDT7(+7.512kb)
rs13160915	5	72525986	0.0006363	0.03302	0.0005788	.
rs13177504	5	124461838	0.0006364	0.07031	0.0006279	.
rs7496805	15	67077658	0.0006372	0.07917	0.0006135	SMAD6(+3.332kb)
rs7853195	9	97685298	0.0006372	0.03172	0.0006592	C9orf3(0)
rs9490844	6	123957623	0.0006376	-0.07554	0.0005534	TRDN(0)
rs170632	1	7857432	0.0006379	-0.04852	0.0005928	VAMP3(+15.94kb) PER3(0)
rs228685	1	7857974	0.0006379	-0.04852	0.0005928	VAMP3(+16.48kb) PER3(0)
rs1378347	4	63397365	0.0006381	-0.04542	0.0005079	.
rs893338	2	240552564	0.0006382	-0.03732	0.000735	.
rs8013476	14	22187832	0.0006384	-0.03289	0.0006359	.
rs2011536	4	30543224	0.0006392	-0.03036	0.0008275	.
rs475379	5	152863738	0.0006394	0.08757	0.0005963	GRIA1(-6.345kb)
rs513046	5	152861959	0.0006394	0.08757	0.0005963	GRIA1(-8.124kb)
rs516633	5	152849856	0.0006394	0.08757	0.0005963	.
rs520730	5	152859682	0.0006394	0.08757	0.0005963	GRIA1(-10.4kb)
rs541544	5	152858887	0.0006394	0.08757	0.0005963	GRIA1(-11.2kb)
rs561961	5	152864054	0.0006394	0.08757	0.0005963	GRIA1(-6.029kb)
rs576969	5	152865308	0.0006394	0.08757	0.0005963	GRIA1(-4.775kb)
rs17619717	2	63943257	0.0006395	-0.03052	0.0005704	.
rs1148226	10	29970252	0.0006396	-0.03084	0.0006258	SVIL(0)
rs7708829	5	169322197	0.0006399	-0.0308	0.0007232	LOC100131897(0) DOCK2(0)
rs34617021	12	47446521	0.00064	0.06144	0.0006549	.
rs35065745	12	47450611	0.00064	0.06144	0.0006549	AMIGO2(-18.88kb)
rs35224075	12	47445786	0.00064	0.06144	0.0006549	.
rs35680983	1	204283519	0.0006401	-0.03423	0.0004549	PLEKHA6(0)
rs1233400	6	29537975	0.0006406	-0.0405	0.0006348	UBD(+10.27kb) OR2H2(-17.71kb)

rs10810212	9	14677538	0.0006408	0.04134	0.0006453	ZDHC21(0)
rs59521243	2	86780582	0.0006408	-0.03079	0.0006862	VPS24(0)
rs12287757	11	127878016	0.0006414	0.03192	0.00076	.
rs1895319	5	159876589	0.0006417	-0.03029	0.0007121	.
rs6511828	19	12745799	0.0006419	0.03325	0.0006881	ZNF791(+5.123kb) MAN2B1(-11.52kb)
rs2897462	4	153102015	0.0006427	-0.03338	0.0005685	.
rs12622342	2	62750220	0.0006435	0.04265	0.0006952	TMEM17(+16.74kb)
rs2209515	13	42791579	0.0006435	-0.03527	0.0006905	DGKH(0)
rs12326919	18	10706845	0.0006436	0.03401	0.0005793	FAM38B(+9.031kb)
rs16975239	18	10706903	0.0006436	0.03401	0.0005793	FAM38B(+9.089kb)
rs1447363	4	30750408	0.0006442	0.04178	0.0006252	PCDH7(0)
rs6708083	2	240559073	0.0006444	-0.03704	0.0007365	.
rs2144915	14	50519948	0.0006448	-0.03799	0.0005672	.
rs35643424	9	28209800	0.0006451	-0.03074	0.0005942	LINGO2(0)
rs4775261	15	60630902	0.0006451	-0.04525	0.0007833	ANXA2(-8.447kb)
rs1364779	11	127842867	0.0006457	0.03455	0.00088	.
rs228681	1	7854555	0.0006463	-0.04846	0.0006016	VAMP3(+13.06kb) PER3(0)
rs17487076	7	101633261	0.0006467	0.03845	0.0006333	CUX1(0)
rs10839576	11	6552107	0.0006468	0.03118	0.0008539	C11orf47(+10.02kb)
rs7123875	11	66239147	0.0006476	-0.03233	0.0009169	PELI3(0) DPP3(-8.732kb)
rs4731549	7	128741913	0.0006484	0.03134	0.0009717	.
rs11562183	9	14683806	0.0006487	-0.03127	0.0006159	ZDHC21(0)
rs7779637	7	128742164	0.000649	0.03132	0.0009944	.
rs12476685	2	49187751	0.0006495	-0.0494	0.0006173	FSHR(-1.9kb)
rs6434719	2	195788224	0.0006504	-0.04875	0.0005841	.
rs10171970	2	44856449	0.0006521	0.03117	0.0006356	C2orf34(0)
rs7386394	8	143203666	0.0006521	-0.03296	0.0005981	.
rs9934315	16	64665761	0.0006523	0.03086	0.0005223	.
rs42501	7	92786016	0.0006527	0.03114	0.000726	SAMD9L(+8.336kb)
rs9261507	6	30112627	0.0006529	-0.03529	0.0005269	TRIM15(-18.36kb) TRIM40(0) TRIM1
rs12828288	12	47429803	0.0006531	0.06136	0.0006663	.
rs2272395	3	10967739	0.0006534	0.03021	0.0008388	SLC6A11(0)
rs12934281	16	9908376	0.0006542	-0.03434	0.0006204	GRIN2A(0)
rs10450794	12	68853791	0.0006548	0.04778	0.0007712	.
rs62073663	17	16540244	0.0006548	0.05733	0.0006888	ZNF624(0)
rs1541324	6	30113471	0.0006554	-0.03524	0.0005307	TRIM15(-17.51kb) TRIM40(0) TRIM1
rs2241990	8	402556	0.0006555	-0.04513	0.0006404	FBXO25(0)
rs2829243	21	26037504	0.0006558	0.05717	0.0008103	.
rs16884045	4	30753211	0.0006561	0.04165	0.00064	PCDH7(0)
rs13388171	2	44871822	0.0006564	0.03095	0.0006787	C2orf34(0)
rs2090808	6	141060406	0.0006568	0.03052	0.0008376	.
rs59340001	2	127045355	0.0006569	0.04162	0.0008201	.
rs2048932	2	156508589	0.0006573	0.03317	0.000645	.
rs28415626	4	170073812	0.0006574	0.04657	0.0008127	SH3RF1(0)
rs35761730	4	170077060	0.0006574	0.04657	0.0008127	SH3RF1(0)
rs3923986	1	204271914	0.0006578	-0.0302	0.000716	PLEKHA6(0)
rs28668902	7	101669509	0.0006579	0.04161	0.0008466	CUX1(0)

rs9261502	6	30111610	0.0006585	-0.03527	0.0005315	TRIM15(-19.37kb) TRIM40(0) TRIM1
rs61640358	6	123954397	0.0006587	-0.05305	0.0005378	TRDN(0)
rs7276594	21	41288453	0.0006587	-0.07573	0.000554	PCP4(0)
rs1420042	16	9914014	0.0006589	-0.0346	0.0006279	GRIN2A(0)
rs1012650	16	26511546	0.0006591	0.03036	0.0007755	.
rs7184647	16	26513167	0.0006591	0.03036	0.0007755	.
rs4671363	2	53551439	0.0006592	-0.03095	0.0005043	.
rs4942102	13	42804621	0.0006596	0.04311	0.0007219	DGKH(+0.733kb)
rs9892976	17	53060329	0.00066	-0.03418	0.000626	STXBP4(0) COX11(+14.28kb)
rs61075221	5	54198289	0.0006601	0.09857	0.0006801	.
rs10183388	2	102932247	0.0006608	0.02956	0.0005807	IL1RL1(0)
rs7662200	4	110153433	0.0006608	-0.03168	0.000596	COL25A1(0)
rs1038570	2	62890171	0.0006612	0.0381	0.0008316	.
rs10805158	4	47873134	0.0006616	-0.03787	0.0006615	NFXL1(0)
rs4713235	6	29670478	0.0006616	-0.03015	0.0006889	.
rs11604960	11	6528619	0.000662	0.03102	0.0008455	C11orf47(0)
rs61611959	4	90851676	0.0006622	0.05652	0.000692	MMRN1(0)
rs61540061	8	139988075	0.0006629	0.0551	0.0006724	.
rs11891659	2	86747335	0.000663	0.04385	0.0007003	VPS24(0)
rs11096481	2	17811354	0.0006636	-0.0351	0.0004849	VSNL1(0)
rs17150443	7	8563287	0.000664	0.03468	0.0007205	NXPH1(0)
rs573589	11	65483981	0.0006642	-0.02973	0.0005406	RNASEH2C(-1.162kb) KAT5(0)
rs314218	6	69855697	0.0006645	0.04368	0.0007515	BAI3(0)
rs11899532	2	86723016	0.0006656	0.04279	0.0007369	VPS24(-7.536kb) JMJD1A(+3.177kb)
rs1418700	1	91106333	0.0006664	-0.03315	0.0007301	.
rs2177164	7	47866436	0.0006666	-0.03055	0.0005917	PKD1L1(0) FLJ21075(+6.992kb)
rs59026369	2	86805690	0.0006667	0.04127	0.0007076	VPS24(+15.09kb)
rs6923066	6	133264674	0.0006673	0.0496	0.0008485	.
rs34248410	6	165569352	0.0006675	-0.04336	0.0005788	.
rs2180123	6	153268252	0.0006681	-0.03471	0.0006276	.
rs1013785	18	10707434	0.0006682	0.03394	0.0005968	FAM38B(+9.62kb)
rs12327922	2	226070752	0.0006682	0.03778	0.0007277	.
rs11896176	2	127053673	0.0006686	0.04156	0.0008331	.
rs3914213	4	30545060	0.0006686	0.03014	0.0008352	.
rs2723645	11	6519363	0.0006688	0.03084	0.0008269	FXC1(+13.45kb) C11orf47(0) ARFIP
rs55663539	19	31041654	0.0006688	-0.04273	0.0006265	ZNF536(0)
rs4902887	14	71613789	0.000669	-0.1314	0.0006004	.
rs13190668	5	7113315	0.00067	-0.03599	0.000572	.
rs3815086	6	30113344	0.0006702	-0.03517	0.0005624	TRIM15(-17.64kb) TRIM40(0) TRIM1
rs17194767	6	30256885	0.0006703	0.07159	0.0004404	.
rs7973611	12	91444397	0.0006703	0.03006	0.0007657	KERA(0)
rs9972494	15	38930523	0.0006703	0.06682	0.0008572	.
rs4891103	18	73673295	0.000671	-0.0538	0.0005803	.
rs10839567	11	6520664	0.0006715	0.03081	0.000834	FXC1(+14.75kb) C11orf47(0) ARFIP
rs651387	1	201569480	0.0006717	0.07274	0.0006877	.
rs2424500	20	22988426	0.0006718	0.05169	0.0007483	.
rs7576148	2	26308251	0.0006725	-0.1199	0.0006531	RAB10(0)

rs17476839	19	12762783	0.0006727	0.03252	0.0007749	MORG1(-14.84kb) MAN2B1(0) C19orf
rs4242620	9	85955438	0.0006727	0.03488	0.0008099	FRMD3(0)
rs12998264	2	62833706	0.0006728	0.04239	0.0008396	.
rs17187617	1	208776565	0.0006738	-0.05449	0.0005915	.
rs4451785	12	95170867	0.0006742	-0.03087	0.0007595	.
rs4395500	4	13824647	0.0006749	0.03044	0.0009424	.
rs7615277	3	27097159	0.0006749	-0.03685	0.0007754	.
rs13208885	6	69767996	0.0006754	0.07618	0.0006733	BAI3(0)
rs761905	1	186039006	0.0006763	0.03056	0.0005315	HMCN1(0)
rs2748392	10	134157687	0.0006768	0.03159	0.0006251	LRRC27(0)
rs2787170	9	26169052	0.0006772	0.03371	0.000657	.
rs8009532	14	22161578	0.0006777	-0.0436	0.0007285	.
rs10769693	11	6520346	0.0006781	0.0308	0.000839	FXC1(+14.44kb) C11orf47(0) ARFIP
rs2555158	11	6520164	0.0006781	0.0308	0.000839	FXC1(+14.25kb) C11orf47(0) ARFIP
rs12344211	9	97691104	0.000679	-0.03422	0.0006692	C9orf3(0)
rs17333822	1	204283575	0.000679	-0.03068	0.0004775	PLEKHA6(0)
rs1420091	2	102917234	0.0006792	0.02949	0.0005901	IL1RL1(-10.73kb)
rs1485394	12	53955485	0.0006797	-0.04264	0.0004568	ATF7(0)
rs28540059	3	193478156	0.0006797	0.03824	0.0007693	.
rs4638914	3	193477699	0.0006797	0.03824	0.0007693	.
rs1191735	5	119422912	0.0006801	-0.03046	0.0007625	.
rs35296070	7	99057341	0.0006808	0.1074	0.0007049	ZNF789(-13.17kb) CPSF4(+2.345kb)
rs1398150	1	204317650	0.0006812	-0.03131	0.0004947	PLEKHA6(0)
rs2279462	8	59507950	0.0006813	0.0333	0.0008419	SDCBP(+12.53kb) NSMAF(0)
rs2949071	2	36135615	0.0006814	-0.05095	0.0006455	.
rs8016911	14	22185657	0.0006817	-0.03313	0.0006533	.
rs1511472	6	23871249	0.0006821	0.07989	0.0003913	.
rs7875089	9	138877724	0.0006822	0.03193	0.0004076	.
rs12338409	9	97691089	0.0006823	-0.03068	0.0006689	C9orf3(0)
rs16975229	18	10703200	0.0006827	0.03382	0.000618	FAM38B(+5.386kb)
rs56398450	18	10702616	0.0006827	0.03382	0.000618	FAM38B(+4.802kb)
rs62095570	18	10702369	0.0006827	0.03382	0.000618	FAM38B(+4.555kb)
rs10102709	8	59462283	0.0006829	0.03284	0.0007813	SDCBP(-3.444kb)
rs4776832	15	67074915	0.000684	0.07788	0.0006503	SMAD6(+0.589kb)
rs11038507	11	45538879	0.0006841	-0.07939	0.0006073	.
rs1464158	2	236394141	0.0006845	0.03099	0.0006358	CENTG2(-8.594kb)
rs36008116	6	165554837	0.0006846	-0.039	0.0007708	.
rs60944662	6	165554260	0.0006846	-0.039	0.0007708	.
rs1412244	6	169503318	0.0006849	0.05182	0.0009019	.
rs1591014	6	169499873	0.0006849	0.05182	0.0009019	.
rs9364348	6	169504118	0.0006849	0.05182	0.0009019	.
rs9689891	6	169504490	0.0006849	0.05182	0.0009019	.
rs9767703	6	169503643	0.0006849	0.05182	0.0009019	.
rs2086768	8	51548201	0.0006853	-0.04546	0.0005331	SNTG1(0)
rs16883530	5	54196948	0.0006857	0.1206	0.0007105	.
rs59365379	5	54194380	0.0006857	0.1206	0.0007105	.
rs7949206	11	76349080	0.000686	0.04143	0.0005589	LRRC32(-19.49kb)

rs56085932	7	8562733	0.0006862	0.03466	0.0007302	NXPH1(0)
rs2258208	20	22974778	0.0006865	0.03412	0.0007615	.
rs7570358	2	3358098	0.0006865	0.05163	0.0007513	TSSC1(0)
rs7513240	1	204319907	0.0006867	-0.03216	0.0004816	PLEKHA6(0)
rs6902068	6	104340262	0.0006868	0.04927	0.0005389	.
rs12599324	16	70723404	0.0006872	0.03012	0.0007381	VAC14(0) ABBA-1(+3.45kb)
rs7190215	16	73737618	0.0006873	0.04635	0.0007811	.
rs7190217	16	73737623	0.0006873	0.04635	0.0007811	.
rs10812362	9	26191311	0.0006875	0.03231	0.0005415	.
rs360391	2	127048810	0.0006877	0.04018	0.0008345	.
rs59047017	13	26288478	0.0006881	0.04739	0.0004189	ATP8A2(0)
rs4938626	11	118974588	0.0006885	-0.06421	0.0005759	MIZF(-17.7kb) HMBS(+10.33kb) H2A
rs720270	11	6529540	0.0006886	0.03089	0.0008783	C11orf47(0)
rs2057672	12	47445967	0.000689	0.04503	0.0006751	.
rs218759	4	14423418	0.0006894	0.04775	0.000527	.
rs1997423	12	91488139	0.0006897	0.03357	0.0006794	LUM(-9.092kb)
rs9594710	13	42795183	0.00069	0.04231	0.0007381	DGKH(0)
rs9594711	13	42796960	0.00069	0.04231	0.0007381	DGKH(0)
rs12297390	12	31118614	0.0006904	0.04561	0.0005732	TSPAN11(0)
rs11040901	11	6524865	0.0006907	-0.0324	0.0005824	FXC1(+18.95kb) C11orf47(0)
rs4268925	2	17793128	0.0006907	-0.03497	0.0005053	VSNL1(0)
rs7752380	6	141129734	0.0006916	-0.06131	0.000764	.
rs9595206	13	45360761	0.0006916	0.0461	0.0004877	.
rs1471285	4	136153472	0.0006921	-0.03122	0.00062	.
rs12144309	1	114315493	0.0006923	0.03808	0.00092	RSBN1(0) PHTF1(+13.72kb)
rs4713314	6	30292569	0.0006924	0.06781	0.0004352	TRIM39(-2.47kb)
rs2518245	6	101967710	0.0006925	0.0455	0.0007598	GRIK2(0)
rs2300213	20	3986723	0.000693	0.03511	0.0007108	RNF24(0)
rs4239291	18	10709971	0.000694	0.03384	0.0006215	FAM38B(+12.16kb)
rs10958015	8	51567217	0.0006942	-0.0331	0.0005445	SNTG1(0)
rs13316756	3	142340879	0.0006942	0.04154	0.0007352	PLS1(-1.464kb)
rs7197004	16	9886907	0.0006942	-0.04403	0.0005893	GRIN2A(0)
rs59802850	18	2630452	0.0006952	0.06884	0.0006631	NDC80(+13.82kb)
rs4687218	3	191213468	0.0006956	-0.03044	0.0008334	.
rs7940980	11	66172910	0.0006959	-0.03354	0.0009776	NPAS4(-15.56kb)
rs666458	1	201570540	0.000696	0.07257	0.0007085	.
rs34098010	9	99183451	0.0006964	0.08626	0.0004054	ZNF367(+2.782kb)
rs4796432	17	7411855	0.0006965	0.1059	0.000695	POLR2A(0)
rs7184090	16	64672720	0.0006972	0.03065	0.0005578	.
rs8059374	16	64672215	0.0006972	0.03065	0.0005578	.
rs243775	6	54323754	0.0006976	-0.0618	0.0005838	.
rs243779	6	54320167	0.0006976	-0.0618	0.0005838	.
rs243783	6	54318478	0.0006976	-0.0618	0.0005838	.
rs9485244	6	148409521	0.0006978	0.02975	0.000616	.
rs17114566	5	152828910	0.0006979	0.0865	0.0006547	.
rs17114570	5	152835647	0.0006979	0.0865	0.0006547	.
rs4339407	5	152829934	0.0006979	0.0865	0.0006547	.

rs472603	5	152855224	0.0006979	0.0865	0.0006547	GRIA1(-14.86kb)
rs473625	5	152839472	0.0006979	0.0865	0.0006547	.
rs479649	5	152853858	0.0006979	0.0865	0.0006547	GRIA1(-16.23kb)
rs509593	5	152853528	0.0006979	0.0865	0.0006547	GRIA1(-16.55kb)
rs512885	5	152845513	0.0006979	0.0865	0.0006547	.
rs512938	5	152838052	0.0006979	0.0865	0.0006547	.
rs518277	5	152856287	0.0006979	0.0865	0.0006547	GRIA1(-13.8kb)
rs522610	5	152841607	0.0006979	0.0865	0.0006547	.
rs526154	5	152849312	0.0006979	0.0865	0.0006547	.
rs546396	5	152841318	0.0006979	0.0865	0.0006547	.
rs551059	5	152840815	0.0006979	0.0865	0.0006547	.
rs555274	5	152848521	0.0006979	0.0865	0.0006547	.
rs56691914	5	152832062	0.0006979	0.0865	0.0006547	.
rs568014	5	152846102	0.0006979	0.0865	0.0006547	.
rs568018	5	152854015	0.0006979	0.0865	0.0006547	GRIA1(-16.07kb)
rs570616	5	152850550	0.0006979	0.0865	0.0006547	GRIA1(-19.53kb)
rs577665	5	152840197	0.0006979	0.0865	0.0006547	.
rs59323472	5	152832275	0.0006979	0.0865	0.0006547	.
rs6865266	5	152833891	0.0006979	0.0865	0.0006547	.
rs6889252	5	152834373	0.0006979	0.0865	0.0006547	.
rs6889267	5	152834400	0.0006979	0.0865	0.0006547	.
rs779015	5	152851655	0.0006979	0.0865	0.0006547	GRIA1(-18.43kb)
rs937212	5	152851118	0.0006979	0.0865	0.0006547	GRIA1(-18.96kb)
rs9639502	7	24928777	0.0006982	-0.05028	0.0006205	OSBPL3(0)
rs17114562	5	152824797	0.0006984	0.05411	0.0006524	.
rs17114564	5	152826064	0.0006984	0.08653	0.0006524	.
rs4888674	16	77783749	0.0006984	0.08653	0.0007252	NUDT7(+7.595kb)
rs55748671	5	152822869	0.0006984	0.08653	0.0006524	.
rs1512149	4	30549459	0.0006987	0.03	0.0008681	.
rs12228896	12	20688663	0.000699	0.03159	0.0007056	PDE3A(0)
rs4490304	3	193477594	0.0006991	0.0382	0.0007927	.
rs9260794	6	29939677	0.0006996	0.03894	0.0007362	HLA-A29.1(0) HCG9(-3.214kb)
rs2058886	8	129206259	0.0007005	-0.05373	0.0006515	.
rs2319874	14	22179342	0.0007011	-0.04644	0.0007378	.
rs850736	17	42446420	0.0007012	0.0316	0.0005498	ITGA2B(-3.129kb) GRN(+15.95kb)
rs7202848	16	9886992	0.0007013	-0.03273	0.0006271	GRIN2A(0)
rs7294352	12	47419611	0.0007014	0.06156	0.0007176	.
rs3914129	7	103526865	0.0007019	-0.03381	0.0004538	RELN(0)
rs58371778	5	152832001	0.000702	0.08641	0.0006637	.
rs6817850	4	110152912	0.0007024	-0.03128	0.0006719	COL25A1(0)
rs1398151	1	204317602	0.0007026	-0.03126	0.0005015	PLEKHA6(0)
rs490565	11	104913514	0.0007029	-0.04159	0.0008052	COP1(0) CASP1(+7.657kb)
rs1785640	11	66223158	0.0007034	-0.03214	0.0009921	PELI3(-11.18kb) MRPL11(+16.85kb)
rs2509565	11	66208722	0.0007034	-0.03214	0.0009921	NPAS4(+14.54kb) MRPL11(+2.412kb)
rs12616179	2	183379658	0.0007041	-0.03103	0.0008529	PDE1A(0)
rs2343260	6	69859559	0.0007042	0.04363	0.0008143	BAI3(0)
rs56365289	2	127053020	0.0007052	0.04213	0.0008155	.

rs8192227	5	6664549	0.0007053	0.08921	0.0007463	SRD5A1(0)
rs57466495	18	10707839	0.0007057	0.03391	0.0006557	FAM38B(+10.03kb)
rs4580738	5	59590024	0.0007058	0.08784	0.0007266	.
rs6918871	6	24453427	0.000706	0.04928	0.0007066	GPLD1(0)
rs7744266	6	133262211	0.000706	0.09716	0.0008825	.
rs62575095	9	108224124	0.0007061	0.03249	0.000743	FSD1L(0)
rs12670579	7	47868027	0.0007064	-0.03038	0.000605	PKD1L1(0) FLJ21075(+8.583kb)
rs2106432	7	92970847	0.0007064	0.03036	0.0008707	CCDC132(0)
rs7005701	8	22615379	0.0007064	-0.09996	0.0005748	PEBP4(0)
rs2706737	4	170126803	0.0007069	0.03071	0.0006545	SH3RF1(0)
rs10073101	5	26780996	0.0007071	-0.101	0.0006704	.
rs1420044	16	9914133	0.0007073	-0.03441	0.0006739	GRIN2A(0)
rs4936463	11	118975355	0.0007075	-0.0618	0.0005926	MIZF(-16.93kb) HMBS(+11.1kb) H2A
rs10420445	19	18952526	0.0007077	0.05724	0.0006769	UPF1(0)
rs2293748	7	130629493	0.0007079	0.04104	0.0007825	.
rs6720414	2	86824444	0.0007079	0.03031	0.0007588	RNF103(-6.071kb)
rs8138290	22	46786808	0.0007081	0.05716	0.0004322	CELSR1(0)
rs12528338	6	165553675	0.0007088	-0.03862	0.0008058	.
rs3762719	3	13896140	0.0007092	0.03714	0.0007783	WNT7A(0)
rs9261447	6	30095202	0.0007103	-0.03524	0.0005818	TRIM40(-9.307kb) TRIM31(+14.34kb)
rs7186958	16	64631355	0.0007106	0.03071	0.000576	.
rs11891123	2	88365338	0.0007107	0.04235	0.0005644	SMYD1(-2.043kb) KRCC1(+10.09kb)
rs60073472	2	86780540	0.0007114	0.04099	0.0007644	VPS24(0)
rs7863573	9	110680544	0.0007118	0.04021	0.0004897	.
rs8063113	16	78271066	0.0007136	-0.05083	0.0005361	WVVOX(0)
rs34146618	3	64329079	0.0007139	-0.08332	0.0006655	.
rs4497715	16	64619679	0.0007143	0.03065	0.0005635	.
rs10189202	2	102930380	0.0007148	0.02946	0.0006224	IL1RL1(0)
rs314204	6	69858720	0.0007148	0.04356	0.0008295	BAI3(0)
rs7568138	2	127050948	0.0007152	0.04191	0.0008885	.
rs17716830	16	77771999	0.0007153	0.05307	0.0007851	NUDT7(0)
rs12281047	11	6521554	0.0007165	-0.03205	0.0006327	FXC1(+15.64kb) C11orf47(0) ARFIP
rs372143	14	68587338	0.0007177	-0.03851	0.0008349	RAD51L1(0)
rs7298336	12	53957330	0.0007184	-0.04246	0.0004835	ATF7(0)
rs2177397	3	142343980	0.0007188	0.04146	0.0007601	PLS1(0)
rs1985339	2	86815227	0.0007192	0.04095	0.0007741	RNF103(-15.29kb)
rs60796561	2	86820350	0.0007192	0.04095	0.0007741	RNF103(-10.16kb)
rs7585722	2	86819128	0.0007192	0.04095	0.0007741	RNF103(-11.39kb)
rs6710780	2	86776683	0.0007194	0.04193	0.0007615	VPS24(0)
rs9752	2	85886667	0.0007198	-0.03148	0.0006233	USP39(+10.26kb) SFTPB(0)
rs9815025	3	89215213	0.0007198	0.03626	0.0008472	EPHA3(0)
rs880608	5	169297652	0.0007202	-0.03065	0.0008368	LOC100131897(0) DOCK2(0)
rs12926940	16	64712046	0.0007204	0.03153	0.0005196	.
rs28461931	6	123953347	0.0007204	-0.07497	0.0006084	TRDN(0)
rs2846921	11	127864676	0.0007205	-0.03699	0.0005302	.
rs4898644	14	50518129	0.0007208	-0.03762	0.000637	.
rs8021027	14	50519022	0.0007208	-0.03762	0.000637	.

rs3845160	4	47953515	0.0007211	-0.03781	0.0007256	CNGA1(0)
rs2256919	6	29940750	0.0007212	0.03058	0.0006792	HLA-A29.1(0) HCG9(-2.141kb)
rs13237274	7	131068606	0.0007214	0.03607	0.0008687	MKLN1(0)
rs768927	10	16542184	0.0007218	0.0303	0.0005042	PTER(0) C1QL3(-13.56kb)
rs7216228	17	13386169	0.0007225	-0.03403	0.0008258	HS3ST3A1(-12.84kb)
rs2209512	13	42791727	0.0007228	0.04213	0.0007781	DGKH(0)
rs2209513	13	42791699	0.0007228	0.04213	0.0007781	DGKH(0)
rs2209514	13	42791689	0.0007228	0.04213	0.0007781	DGKH(0)
rs12528982	6	165549798	0.0007235	-0.03888	0.0008391	.
rs7302835	12	53955066	0.0007236	-0.04247	0.000485	ATF7(0)
rs1920711	12	91488584	0.000724	0.03352	0.0007083	LUM(-8.647kb)
rs10801625	1	197814759	0.0007243	0.03688	0.0008827	.
rs12637863	3	89189085	0.0007244	-0.03483	0.0009001	EPHA3(0)
rs6545950	2	62751619	0.0007244	0.03648	0.0007721	TMEM17(+18.14kb)
rs9261453	6	30099948	0.0007245	-0.03557	0.0005887	TRIM40(-4.561kb) TRIM31(+19.08kb)
rs4233428	1	91099720	0.0007246	-0.03277	0.0007544	.
rs11647877	16	9914095	0.0007256	-0.03438	0.0006857	GRIN2A(0)
rs754702	2	240554081	0.0007258	-0.03675	0.0008413	.
rs1035705	15	31342744	0.0007261	0.03072	0.000923	TRPM1(0)
rs2122241	2	142868864	0.0007262	-0.0792	0.0006697	LRP1B(0)
rs9302390	16	9907376	0.0007263	-0.03409	0.0006913	GRIN2A(0)
rs870692	10	958058	0.0007264	0.1113	0.0007434	.
rs7165285	15	60619292	0.0007271	-0.03061	0.0008636	.
rs707130	2	157197583	0.0007273	-0.03386	0.0006733	NR4A2(+8.296kb)
rs1838114	13	19496434	0.0007276	-0.03125	0.0006284	.
rs407575	2	17737762	0.0007277	-0.03354	0.0005119	VSNL1(0)
rs426590	2	17738199	0.0007277	-0.03354	0.0005119	VSNL1(0)
rs55818922	5	117297639	0.000728	0.05364	0.0007624	.
rs10755556	6	169507019	0.0007281	0.05161	0.0009498	.
rs7586028	2	86819409	0.0007283	0.04091	0.0007831	RNF103(-11.11kb)
rs13301443	9	99095181	0.0007285	0.07753	0.0004244	SLC35D2(0)
rs218752	4	14419652	0.0007287	0.04754	0.0005587	.
rs4513242	2	127080194	0.0007288	0.04226	0.0008674	.
rs12655744	5	7103593	0.0007291	-0.03114	0.0005649	.
rs3757379	7	47859239	0.0007295	-0.05001	0.0006379	PKD1L1(0) FLJ21075(0)
rs7711700	5	91393154	0.0007295	-0.0299	0.0005113	.
rs17027265	2	86715894	0.0007296	0.04075	0.0007845	VPS24(-14.66kb) JMJD1A(0)
rs56085540	2	86714431	0.0007296	0.04075	0.0007845	VPS24(-16.12kb) JMJD1A(0)
rs61028062	2	86716081	0.0007296	0.04075	0.0007845	VPS24(-14.47kb) JMJD1A(0)
rs61830598	1	197773646	0.0007297	0.03767	0.0009999	.
rs1437614	2	86726626	0.0007299	0.04082	0.0007858	VPS24(-3.926kb) JMJD1A(+6.787kb)
rs7895319	10	66815242	0.0007302	0.03117	0.0006771	.
rs12616229	2	183379648	0.0007309	-0.03076	0.0008747	PDE1A(0)
rs12622605	2	183379652	0.0007309	-0.03076	0.0008747	PDE1A(0)
rs6774660	3	7557427	0.0007309	0.03361	0.0008503	GRM7(0)
rs9404483	6	104335985	0.0007313	0.04659	0.0005909	.
rs61839705	1	242824980	0.0007319	0.04044	0.0007949	.

rs2812298	9	108207580	0.0007325	0.03257	0.0007757	FSD1L(-2.744kb)
rs4692097	4	30552981	0.0007332	0.02991	0.000901	.
rs3815821	16	69170568	0.0007336	0.05747	0.0007657	HAS3(+17.95kb) CTF8(+4.084kb) CI
rs62442108	6	165556155	0.0007337	-0.03881	0.0008215	.
rs12816237	12	91750321	0.0007345	-0.03243	0.0006896	.
rs10043620	5	72521734	0.0007346	0.03581	0.0008058	.
rs218764	4	14426951	0.000735	0.04744	0.0005651	.
rs4582093	3	142342945	0.0007354	0.04137	0.0007801	PLS1(0)
rs17182761	14	22176920	0.0007357	-0.03297	0.0007082	.
rs2508031	6	30121066	0.0007359	-0.03517	0.0005873	TRIM15(-9.916kb) TRIM40(+4.554kb)
rs62039886	16	64637745	0.0007374	0.03061	0.0005832	.
rs9510378	13	19459824	0.0007375	0.0309	0.0004853	.
rs4738528	8	57510898	0.0007376	0.04278	0.0005486	.
rs6941596	6	164790196	0.0007378	0.07201	0.0008852	.
rs10485355	6	155194443	0.0007383	-0.03898	0.000486	.
rs6954324	7	77859083	0.0007383	0.0301	0.0007862	MAGI2(0)
rs13163369	5	6817813	0.0007394	-0.09082	0.0006446	.
rs6787467	3	58377888	0.0007396	0.03139	0.0008544	PXK(0)
rs55900386	18	10702898	0.0007405	0.03638	0.0006247	FAM38B(+5.084kb)
rs56382936	18	10702836	0.0007405	0.03638	0.0006247	FAM38B(+5.022kb)
rs58469131	18	10702464	0.0007405	0.03638	0.0006247	FAM38B(+4.65kb)
rs62095593	18	10702393	0.0007405	0.03638	0.0006247	FAM38B(+4.579kb)
rs7875420	9	14670890	0.0007405	-0.03061	0.0008797	ZDHHC21(0)
rs2021363	6	30250600	0.0007411	0.06552	0.0004977	FLJ45422(+15.87kb)
rs4897622	6	133243533	0.0007415	0.04428	0.0007833	.
rs61316227	12	31122249	0.0007415	0.05233	0.0006439	TSPAN11(0)
rs17070493	3	64341472	0.0007424	-0.08042	0.0006895	.
rs1233392	6	29550416	0.000743	0.08597	0.0006897	OR2H2(-5.266kb) GABBR1(-19.59kb)
rs558939	5	152848097	0.000743	-0.04474	0.0007056	.
rs12927378	16	64707124	0.0007432	0.03118	0.0005637	.
rs10157893	1	197943933	0.0007433	-0.06256	0.0008524	.
rs798362	7	77879443	0.0007434	0.03129	0.0007557	MAGI2(0)
rs10044334	5	146122661	0.0007436	-0.03695	0.0009116	PPP2R2B(0)
rs6719645	2	212524973	0.0007436	0.03398	0.0006061	ERBB4(0)
rs17514013	2	99286794	0.0007437	-0.03241	0.0009982	MGAT4A(0)
rs2072489	2	49195409	0.000745	-0.04865	0.0006679	FSHR(0)
rs6954353	7	77859159	0.0007466	0.02995	0.0008091	MAGI2(0)
rs6447599	4	47944853	0.0007469	-0.0375	0.0007179	CNGA1(0)
rs1580921	12	98563944	0.0007476	-0.03172	0.0007311	.
rs56875109	2	86725369	0.0007476	0.04073	0.0008074	VPS24(-5.183kb) JMJD1A(+5.53kb)
rs59336972	2	86721182	0.0007476	0.04073	0.0008074	VPS24(-9.37kb) JMJD1A(+1.343kb)
rs6745875	2	86730470	0.0007476	0.04073	0.0008074	VPS24(-0.082kb) JMJD1A(+10.63kb)
rs4469563	9	14682063	0.0007481	-0.03096	0.0007138	ZDHHC21(0)
rs6922573	6	141134572	0.0007484	0.04833	0.0008255	.
rs3775478	4	90842840	0.0007489	0.05551	0.0007767	MMRN1(0)
rs17599277	13	42797518	0.0007497	0.04207	0.0007998	DGKH(0)
rs2352463	4	47941604	0.0007497	0.04207	0.0007237	CNGA1(0)

rs9594712	13	42797189	0.0007497	-0.03747	0.0007998	DGKH(0)
rs9261518	6	30116985	0.0007499	-0.03519	0.0005915	TRIM15(-14kb) TRIM40(+0.473kb) T
rs10003467	4	30752187	0.0007502	0.04035	0.0007361	PCDH7(0)
rs1728539	7	29691213	0.0007505	-0.03943	0.0005407	.
rs6875977	5	72520535	0.0007506	0.03269	0.0006828	.
rs34884301	9	99125514	0.0007508	0.07512	0.0004728	SLC35D2(0)
rs6594002	1	204267128	0.0007509	-0.02993	0.0007884	PLEKHA6(0)
rs6733174	2	102929012	0.0007511	0.02927	0.0006559	IL1RL1(0)
rs4304647	1	204294107	0.0007514	-0.03315	0.0005283	PLEKHA6(0)
rs9391132	6	104345037	0.0007514	0.04648	0.0006203	.
rs41281731	7	127978445	0.0007517	0.06222	0.0007482	RBM28(0) LOC401399(-11.93kb)
rs10114824	9	14663920	0.0007522	-0.03184	0.000769	ZDHC21(0)
rs12596008	16	7272847	0.0007522	0.03276	0.0006178	A2BP1(0)
rs17594657	5	106821940	0.0007535	-0.118	0.0007183	EFNA5(0)
rs9261501	6	30111526	0.0007538	-0.03486	0.0006158	TRIM15(-19.46kb) TRIM40(0) TRIM1
rs2278765	8	406963	0.0007549	-0.04264	0.0008852	FBXO25(0)
rs1360405	20	22988856	0.0007552	0.09039	0.0008465	.
rs1360406	20	22988864	0.0007552	0.05117	0.0008465	.
rs16924239	10	68976141	0.0007552	0.05117	0.0007543	CTNNA3(0)
rs1154648	2	53554103	0.0007558	-0.03085	0.0005616	.
rs4753772	11	88653706	0.000756	-0.07672	0.0006546	GRM5(0)
rs4566187	16	64670555	0.0007561	0.03056	0.0005919	.
rs8059764	16	7278884	0.0007566	-0.03271	0.0006267	A2BP1(0)
rs1364957	8	57539999	0.0007567	0.04321	0.0005791	.
rs1583848	8	57539023	0.0007567	0.04321	0.0005791	.
rs6996557	8	57537699	0.0007567	0.04321	0.0005791	.
rs6872720	5	169299685	0.0007569	-0.03032	0.0008381	LOC100131897(0) DOCK2(0)
rs6650488	14	22161951	0.0007572	-0.04317	0.0008152	.
rs11661324	18	10711271	0.0007573	0.03357	0.0006825	FAM38B(+13.46kb)
rs16975276	18	10712441	0.0007573	0.03357	0.0006825	FAM38B(+14.63kb)
rs4797465	18	10709224	0.0007573	0.03357	0.0006825	FAM38B(+11.41kb)
rs4797466	18	10709342	0.0007573	0.03357	0.0006825	FAM38B(+11.53kb)
rs4797467	18	10710626	0.0007573	0.03357	0.0006825	FAM38B(+12.81kb)
rs4797468	18	10711626	0.0007573	0.03357	0.0006825	FAM38B(+13.81kb)
rs4797470	18	10711780	0.0007573	0.03357	0.0006825	FAM38B(+13.97kb)
rs62095602	18	10709049	0.0007573	0.03357	0.0006825	FAM38B(+11.23kb)
rs999954	18	10710530	0.0007573	0.03357	0.0006825	FAM38B(+12.72kb)
rs999955	18	10710336	0.0007573	0.03357	0.0006825	FAM38B(+12.52kb)
rs9377581	6	104344014	0.0007576	0.04616	0.0006215	.
rs9386394	6	104344222	0.0007576	0.04616	0.0006215	.
rs9381416	6	46009132	0.0007578	0.03169	0.0006318	CLIC5(0)
rs2288036	16	69177268	0.0007581	0.05774	0.0007871	CTF8(+10.78kb) CIRH1A(0)
rs1360407	20	22989049	0.0007588	0.05117	0.000847	.
rs2366856	7	80257472	0.0007589	-0.1332	0.000714	CD36(0)
rs1496119	6	164784051	0.000759	0.07206	0.0009122	.
rs35197666	1	242826859	0.0007592	0.04019	0.0008301	.
rs56103852	18	10703048	0.0007597	0.03358	0.0006937	FAM38B(+5.234kb)

rs4568467	6	144964654	0.0007598	-0.03984	0.0007317	UTRN(0)
rs6721346	2	102926320	0.0007599	0.0292	0.0006634	IL1RL1(-1.641kb)
rs7560868	2	240560583	0.0007603	-0.03667	0.0008378	.
rs2424498	20	22988352	0.0007615	0.05118	0.0008465	.
rs2424499	20	22988368	0.0007615	0.05118	0.0008465	.
rs7422491	2	183204729	0.0007617	0.03639	0.0007838	PDE1A(0)
rs61311132	5	159875645	0.0007618	-0.02986	0.0008512	PTTG1(+19.9kb)
rs9886	11	71949665	0.0007628	0.06134	0.0008086	PHOX2A(-0.455kb) INPPL1(0) FOLR2
rs61944194	13	19459139	0.0007631	0.03075	0.0005066	.
rs6574844	14	86230787	0.0007633	0.1199	0.0007778	.
rs56386218	2	126983345	0.0007641	0.03946	0.0009897	.
rs35599212	6	165547914	0.0007649	-0.04311	0.0006313	.
rs62442092	6	165547734	0.0007649	-0.04311	0.0006313	.
rs1196068	2	183025444	0.0007651	0.03058	0.0009055	PDE1A(0)
rs4951067	1	204318983	0.0007658	-0.03107	0.0005519	PLEKHA6(0)
rs12989550	2	76749225	0.000766	0.02972	0.0005496	.
rs56160357	8	82186497	0.000766	0.05227	0.0007978	FABP5(-6.287kb)
rs7154175	14	68885812	0.0007662	-0.0326	0.0005543	RAD51L1(0)
rs1882559	2	49188314	0.0007678	-0.04852	0.0006901	FSHR(-1.337kb)
rs17413285	3	64337773	0.000768	-0.07921	0.000707	.
rs13223904	7	92961913	0.0007683	0.03085	0.0009526	CCDC132(0)
rs2916805	6	29917503	0.0007685	-0.03176	0.0006529	HLA-A29.1(0) HLA-A(+3.849kb)
rs1011263	4	114190858	0.0007689	0.03506	0.0008846	ANK2(0)
rs60001529	3	142282717	0.0007692	0.04105	0.0008216	ATR(0)
rs1747828	1	197758154	0.0007697	0.03795	0.000967	DENND1B(+13.6kb)
rs3010691	9	81096756	0.0007698	0.03949	0.00082	.
rs446947	2	17712696	0.0007703	-0.03346	0.0005423	VSNL1(-9.11kb) RAD51AP2(+12.99kb)
rs834513	2	17709968	0.0007703	-0.03346	0.0005423	VSNL1(-11.84kb) RAD51AP2(+10.26kb)
rs7141385	14	24155367	0.0007705	0.04	0.0009206	.
rs7277775	21	41288452	0.0007706	-0.05234	0.0006494	PCP4(0)
rs4815170	20	22988670	0.0007711	0.05112	0.0008575	.
rs4264049	1	204269159	0.0007716	-0.03297	0.0005825	PLEKHA6(0)
rs11127043	2	86738324	0.0007718	0.04085	0.0008417	VPS24(0) JMJD1A(+18.48kb)
rs13210984	6	7827701	0.0007718	0.1011	0.0007889	BMP6(0)
rs9261483	6	30108468	0.000772	-0.03504	0.0006302	TRIM40(0) TRIM10(-11.26kb)
rs9261455	6	30099996	0.0007729	-0.03511	0.0006385	TRIM40(-4.513kb) TRIM31(+19.13kb)
rs2518247	6	101970214	0.000773	0.04513	0.0008486	GRIK2(0)
rs341016	1	77102862	0.0007733	-0.05134	0.0006449	ST6GALNAC3(+6.23kb)
rs1447361	4	30755643	0.0007734	0.04111	0.000758	PCDH7(0)
rs12537526	7	101630597	0.0007736	0.03635	0.0007665	CUX1(0)
rs7673395	4	30546791	0.0007753	0.02981	0.000963	.
rs10961651	9	14673853	0.0007754	-0.03039	0.000775	ZDHHC21(0)
rs10078337	5	26787638	0.0007755	-0.09717	0.0007148	.
rs45604542	22	46794475	0.0007757	0.06269	0.0006913	CELSR1(0)
rs6498946	16	64512058	0.0007758	0.03004	0.0007529	.
rs228689	1	7879168	0.0007765	-0.05123	0.0007543	PER3(0)
rs10817307	9	115034468	0.0007766	0.03277	0.0007351	ROD1(0)

rs12468530	2	49187560	0.0007771	-0.04845	0.0007011	FSHR(-2.091kb)
rs2300442	2	49194390	0.0007771	-0.04845	0.0007011	FSHR(0)
rs12494268	3	64974435	0.0007772	0.0306	0.0009076	.
rs34420965	6	165552708	0.0007783	-0.03921	0.0008603	.
rs62442105	6	165552818	0.0007783	-0.03921	0.0008603	.
rs3857059	4	90675238	0.0007789	0.06697	0.0007576	SNCA(0)
rs11666850	19	31040983	0.0007792	-0.04097	0.0006796	ZNF536(0)
rs11671893	19	31041053	0.0007792	-0.04097	0.0006796	ZNF536(0)
rs1863560	2	17794472	0.0007798	-0.03459	0.000576	VSNL1(0)
rs4742946	9	108239806	0.0007803	0.03168	0.0008314	FSD1L(0)
rs1519477	2	17729315	0.0007807	-0.03336	0.0005638	VSNL1(0)
rs6768968	3	64310844	0.0007814	-0.08239	0.0007223	.
rs2011812	2	11340198	0.0007815	-0.02968	0.0006743	ROCK2(0)
rs4500981	2	69103375	0.0007827	-0.03172	0.0006714	BMP10(+4.726kb)
rs1334514	7	80256215	0.0007828	-0.03036	0.0007452	CD36(0)
rs1334517	7	80254870	0.0007828	-0.1328	0.0007452	CD36(0)
rs3211892	7	80290369	0.0007828	-0.1328	0.0007339	CD36(0)
rs643520	1	181893702	0.0007828	-0.1469	0.0006948	.
rs12566003	1	91101721	0.0007829	-0.03268	0.0008312	.
rs56042345	9	119471408	0.000783	0.04299	0.0006819	TRIM32(+7.829kb) ASTN2(0)
rs16853199	2	168053905	0.000784	0.1029	0.0008011	XIRP2(0)
rs28875919	14	86202146	0.0007848	0.1122	0.0007769	.
rs12053930	3	13870462	0.000785	0.03948	0.0007858	WNT7A(0)
rs11666918	19	31034674	0.0007851	-0.04093	0.0006835	ZNF536(0)
rs12460433	19	31035649	0.0007851	-0.04093	0.0006835	ZNF536(0)
rs462481	21	40238782	0.0007857	0.09232	0.0007728	FLJ45139(-10.43kb)
rs13145315	4	47985571	0.0007863	-0.03813	0.0007584	.
rs13145327	4	47985588	0.0007863	-0.03813	0.0007584	.
rs2771044	9	108242839	0.0007863	0.03169	0.0008358	FSD1L(0)
rs28575550	14	22186982	0.0007867	-0.03261	0.0007742	.
rs11673135	19	31044844	0.000787	-0.04107	0.000685	ZNF536(0)
rs7644138	3	60298229	0.0007871	-0.04527	0.0009317	FHIT(0)
rs4744411	9	97689045	0.0007872	0.03095	0.0009283	C9orf3(0)
rs2290073	8	400168	0.0007875	-0.04357	0.0007356	FBXO25(0)
rs56103734	9	119305424	0.0007877	0.04789	0.0007794	ASTN2(0)
rs12996505	2	102931802	0.0007878	0.02916	0.0006931	IL1RL1(0)
rs1558621	2	102930307	0.0007878	0.02916	0.0006931	IL1RL1(0)
rs11656629	17	17907768	0.000788	0.09854	0.0007723	LRRC48(0) ATPAF2(-13.56kb)
rs11751772	6	164786977	0.0007882	0.07187	0.0009428	.
rs16838435	4	6234210	0.0007893	-0.03125	0.0006138	.
rs11090591	22	30377313	0.0007911	0.05106	0.0008227	MTMR3(0)
rs9627449	22	46805972	0.0007917	0.06247	0.0004743	CELSR1(0)
rs13398926	2	49187773	0.0007921	-0.04836	0.0007227	FSHR(-1.878kb)
rs7086835	10	128172651	0.0007928	-0.0371	0.000718	C10orf90(0)
rs17692219	12	31121863	0.0007935	0.04391	0.0006955	TSPAN11(0)
rs243785	6	54317618	0.0007938	-0.07056	0.0006651	.
rs4507470	5	72515051	0.000794	0.03338	0.0007147	.

rs4811627	20	54380447	0.0007944	-0.03094	0.0008123	.
rs12036526	1	158854489	0.0007947	-0.04805	0.0006422	.
rs16841264	1	158855885	0.0007951	-0.04797	0.0006527	.
rs35635749	9	115119843	0.0007959	0.03891	0.0007406	.
rs6872767	5	54194090	0.0007965	0.09775	0.0008181	.
rs1863369	11	127884548	0.0007974	0.03125	0.0007176	.
rs9379612	6	23873195	0.0007974	0.07922	0.0004583	.
rs2812299	9	108207907	0.0007976	0.03216	0.0008527	FSD1L(-2.417kb)
rs2812300	9	108207945	0.0007976	0.03216	0.0008527	FSD1L(-2.379kb)
rs10023265	4	118524117	0.0007979	-0.1067	0.0007968	.
rs1072375	12	98353351	0.000798	-0.03046	0.0006373	.
rs1896947	5	97050693	0.000798	0.06916	0.0007471	.
rs1699376	4	130140333	0.0007983	-0.03683	0.0008504	.
rs9261491	6	30109861	0.0007983	-0.0349	0.0006287	TRIM40(0) TRIM10(-9.862kb)
rs2759661	1	197363308	0.0007985	0.03641	0.000784	CRB1(0)
rs12732352	1	210814925	0.0007986	0.04698	0.000824	HHAT(0)
rs17366643	2	11344504	0.0007993	-0.0296	0.0006902	ROCK2(0)
rs11679191	2	102926800	0.0007995	0.02905	0.0007012	IL1RL1(-1.161kb)
rs62322961	4	136208013	0.0008	0.03362	0.0009069	.
rs11621681	14	103714829	0.0008006	0.03043	0.0009402	.
rs10961652	9	14674574	0.0008007	-0.03032	0.0007988	ZDHC21(0)
rs4854517	2	69019272	0.0008014	0.05001	0.0004646	ARHGAP25(0)
rs2844778	6	30205991	0.0008015	-0.03212	0.0006297	.
rs17020020	2	81408132	0.0008018	0.05968	0.0009383	.
rs6444269	3	187810262	0.0008025	0.03024	0.0005624	.
rs2021366	6	30206991	0.0008029	-0.03214	0.0006356	.
rs4959046	6	30207639	0.0008029	-0.03214	0.0006356	FLJ45422(-19.73kb)
rs2191186	12	126782566	0.0008032	-0.02924	0.0007097	.
rs2189904	7	8546126	0.0008039	0.03268	0.0006884	NXP1(0)
rs12489309	3	68565190	0.0008046	0.03345	0.000966	FAM19A1(0)
rs7227022	18	10705744	0.0008046	0.03052	0.0007248	FAM38B(+7.93kb)
rs7820781	8	92055426	0.0008046	0.04718	0.0008461	TMEM55A(+2.378kb)
rs12599138	16	64712109	0.000805	0.03119	0.0005971	.
rs6850392	4	14565989	0.0008055	0.03631	0.0008987	.
rs6992064	8	89733157	0.000806	-0.03697	0.0007739	.
rs9802263	9	97705927	0.0008061	-0.03039	0.0007759	C9orf3(0)
rs34058238	4	14489785	0.0008063	0.04116	0.0008589	.
rs1372511	4	90811049	0.0008066	0.05845	0.0008196	MMRN1(-5.002kb)
rs10443934	10	66839615	0.0008069	0.03057	0.000831	.
rs2771039	9	108221252	0.000807	0.04669	0.000851	FSD1L(0)
rs7548690	1	108033019	0.000807	0.03206	0.0006646	NTNG1(+8.544kb)
rs8017847	14	22185846	0.0008074	-0.0324	0.0007968	.
rs3845443	1	181662844	0.0008076	-0.04126	0.0006934	CACNA1E(0)
rs17705482	15	36835788	0.0008086	-0.03596	0.0009494	.
rs36148580	5	124469535	0.000809	0.06842	0.000819	.
rs953934	2	102932293	0.0008091	0.02912	0.0007019	IL1RL1(0)
rs2898622	5	106820247	0.0008093	-0.1121	0.0007557	EFNA5(0)

rs2129622	6	98595713	0.00081	0.04789	0.0005839	.
rs10124026	9	14663550	0.0008121	0.03255	0.000828	ZDHC21(0)
rs11667057	19	31034308	0.0008122	-0.03297	0.0007106	ZNF536(0)
rs6673447	1	204264542	0.0008122	-0.04078	0.0006086	PLEKHA6(0)
rs11645219	16	9912643	0.000813	-0.03403	0.0007716	GRIN2A(0)
rs35788173	16	9913360	0.000813	-0.03403	0.0007716	GRIN2A(0)
rs17019212	1	108028555	0.0008131	0.04665	0.0006648	NTNG1(+4.08kb)
rs12828383	12	77531371	0.0008139	0.05029	0.0004355	.
rs62361398	5	72529325	0.0008139	0.03235	0.0007505	.
rs4457052	5	72528922	0.0008142	0.03235	0.0007508	.
rs2059816	19	52921906	0.0008143	0.04711	0.0009721	ZNF528(+0.249kb)
rs34267943	8	57512391	0.0008148	0.04238	0.0006158	.
rs60457614	5	59615883	0.000815	0.08724	0.0008409	.
rs6814228	4	14558302	0.0008154	0.0366	0.0006996	.
rs6571149	6	104342568	0.0008155	0.04589	0.000672	.
rs6930308	6	104342799	0.0008155	0.04589	0.000672	.
rs9373735	6	104339429	0.0008155	0.04589	0.000672	.
rs9404488	6	104341797	0.0008155	0.04589	0.000672	.
rs1032466	14	51074461	0.0008156	-0.03174	0.0009893	SPG3A(0)
rs6551051	3	26171661	0.000816	-0.03771	0.0009014	.
rs10950393	7	12263546	0.0008166	-0.03044	0.000713	TMEM106B(0)
rs2648830	8	129150396	0.0008168	-0.07731	0.0007563	.
rs10182639	2	102935805	0.0008171	0.02905	0.0007149	IL1RL1(0)
rs11690443	2	102936131	0.0008171	0.02905	0.0007149	IL1RL1(0)
rs4613307	2	102933758	0.0008171	0.02905	0.0007149	IL1RL1(0)
rs11724257	4	104911820	0.0008173	0.1294	0.0007946	.
rs9409062	9	108240261	0.0008175	0.03156	0.0008754	FSD1L(0)
rs3815080	6	30114101	0.0008176	-0.0347	0.0006488	TRIM15(-16.88kb) TRIM40(0) TRIM1
rs12000902	9	85953535	0.0008183	0.03474	0.0009545	FRMD3(0)
rs11965487	6	69983212	0.0008185	0.05566	0.0008458	BAI3(0)
rs11097533	4	97890868	0.0008187	-0.03173	0.0007791	.
rs11240726	1	204319318	0.0008187	0.07344	0.0005667	PLEKHA6(0)
rs9995022	4	47945814	0.0008191	-0.03711	0.0007905	CNGA1(0)
rs4595944	2	11352149	0.0008198	-0.02962	0.0007034	ROCK2(0)
rs1420090	2	102919305	0.0008211	0.02929	0.0006984	IL1RL1(-8.656kb)
rs1285859	14	91691354	0.0008212	0.1486	0.0008095	GPR68(-7.521kb) C14orf159(0)
rs834835	2	157188145	0.0008212	-0.0335	0.0007593	NR4A2(0)
rs12466152	2	149049456	0.0008213	0.1394	0.0003201	.
rs55708352	2	86741441	0.0008215	0.04063	0.0008821	VPS24(0)
rs4427828	16	64657461	0.0008217	0.0304	0.0006433	.
rs56199929	19	31033240	0.0008217	-0.04069	0.0007248	ZNF536(0)
rs974389	2	102936981	0.0008219	0.02904	0.0007194	IL1RL1(0)
rs1032128	8	119951773	0.000822	-0.07496	0.0007414	TNFRSF11B(0)
rs208822	20	37469256	0.000822	-0.03388	0.00073	PPP1R16B(0)
rs13020793	2	102931926	0.0008225	0.02904	0.0007191	IL1RL1(0)
rs1558619	2	102931550	0.0008225	0.02904	0.0007191	IL1RL1(0)
rs4915542	1	201554246	0.0008226	0.07055	0.000853	.

rs8101081	19	31049031	0.0008227	-0.04145	0.0007093	ZNF536(+0.066kb)
rs8051822	16	64648149	0.0008231	0.03054	0.0006634	.
rs1049724	6	31236862	0.0008235	0.08247	0.0008196	HLA-C(0)
rs5011438	7	12268798	0.0008236	-0.03055	0.0007406	TMEM106B(0)
rs5011439	7	12268811	0.0008236	-0.03055	0.0007406	TMEM106B(0)
rs1414193	21	32735584	0.000824	0.03263	0.000975	TIAM1(0)
rs9408799	9	108243725	0.0008249	0.03152	0.0008811	FSD1L(0)
rs17114571	5	152836468	0.0008255	0.08711	0.0007692	.
rs2332918	14	73272647	0.0008258	-0.08257	0.0007143	DPF3(0)
rs853259	3	64314658	0.0008258	-0.08199	0.0007668	.
rs1078620	16	53664597	0.0008264	-0.07644	0.000766	RPGRIP1L(0)
rs10150357	14	22185875	0.0008265	-0.03251	0.0007965	.
rs6819506	4	47945455	0.0008271	-0.03726	0.0007895	CNGA1(0)
rs1387790	5	143152466	0.0008274	0.03438	0.0007554	.
rs12623421	2	76736017	0.0008275	0.02944	0.0005681	.
rs4713306	6	30254495	0.0008288	0.06538	0.0005619	FLJ45422(+19.77kb)
rs11852779	15	25084035	0.000829	-0.05053	0.0007788	SNRPN(0)
rs10233230	7	8544878	0.0008295	0.03248	0.0006709	NXPH1(0)
rs62072791	17	16514057	0.0008299	0.05594	0.0008729	ZNF624(-9.99kb)
rs12636077	3	38525588	0.00083	0.1023	0.0008701	ENDOGL1(-12.24kb) ACVR2B(0)
rs6543118	2	102929469	0.0008301	0.02907	0.0007281	IL1RL1(0)
rs7804796	7	127953243	0.0008301	0.06181	0.0008443	RBM28(0)
rs6577970	8	139945856	0.0008303	0.05566	0.0008004	COL22A1(+19.62kb)
rs10148566	14	22175621	0.0008306	-0.03558	0.0008046	.
rs3767001	1	181712376	0.0008309	-0.04059	0.0007373	CACNA1E(0)
rs17150410	7	8562722	0.0008311	0.03397	0.0009023	NXPH1(0)
rs62574188	9	119464286	0.0008312	0.04277	0.0007259	TRIM32(+0.707kb) ASTN2(0)
rs9483557	6	133492507	0.0008313	-0.03847	0.0009219	.
rs1334518	7	80226174	0.0008315	0.02925	0.0007998	CD36(-5.329kb)
rs4399750	2	102917788	0.0008315	-0.1287	0.000705	IL1RL1(-10.17kb)
rs12000067	9	31438507	0.0008317	-0.08611	0.000805	.
rs2903654	4	14494544	0.0008321	0.04104	0.0008887	.
rs9261513	6	30115484	0.0008321	-0.03474	0.0006744	TRIM15(-15.5kb) TRIM40(0) TRIM10
rs11872713	18	50547541	0.0008322	0.0427	0.0009412	DCC(0)
rs12705351	7	77862903	0.0008324	0.031	0.0008459	MAGI2(0)
rs2938892	9	81096490	0.0008327	0.03924	0.0008852	.
rs2555087	2	17793697	0.000833	-0.0344	0.0006131	VSNL1(0)
rs4695316	4	47940555	0.000833	-0.03716	0.0008006	CNGA1(0)
rs12002795	9	115058346	0.0008335	0.03213	0.0007663	ROD1(0)
rs3010688	9	81092998	0.0008337	0.03923	0.0008942	.
rs13156333	5	7110187	0.0008341	-0.03044	0.0006934	.
rs12622031	2	62741388	0.0008344	-0.03504	0.0008792	TMEM17(+7.912kb)
rs834371	6	18986962	0.0008349	-0.03282	0.0009524	.
rs16877896	5	59606015	0.0008357	0.08705	0.0008634	.
rs16877898	5	59606247	0.0008357	0.08705	0.0008634	.
rs16877901	5	59606508	0.0008357	0.08705	0.0008634	.
rs6742187	2	63991959	0.000837	-0.02987	0.0007627	.

rs1511047	1	214863137	0.0008373	0.03032	0.000879	.
rs4900981	14	50520782	0.000838	-0.03751	0.0007355	.
rs1972883	4	47951945	0.0008382	-0.03701	0.0008159	CNGA1(0)
rs16868209	4	14556388	0.0008385	0.03643	0.0007224	.
rs16890639	4	14553195	0.0008385	0.03643	0.0007224	.
rs7298169	12	68854225	0.0008388	0.04655	0.0009819	.
rs10876477	12	54053246	0.0008389	-0.03942	0.0005734	ATP5G2(-5.697kb)
rs34832791	8	96706578	0.0008392	-0.06865	0.0007763	.
rs10759267	9	110687247	0.0008398	0.03954	0.0005799	.
rs1518812	2	86715696	0.0008401	0.04048	0.0008965	VPS24(-14.86kb) JMJD1A(0)
rs1741611	20	62133549	0.0008402	0.06193	0.0008847	EEF1A2(+3.044kb) C20orf149(-18.5
rs34735920	5	124459619	0.0008403	0.06964	0.0008201	.
rs11894545	2	126828623	0.0008404	0.03394	0.0009325	.
rs35817588	2	126817773	0.0008404	0.03394	0.0009325	.
rs4467276	2	126838204	0.0008404	0.03394	0.0009325	.
rs4371172	16	64671417	0.0008421	0.03035	0.0006749	.
rs2074472	6	30156496	0.0008431	-0.03215	0.0006615	TRIM15(+16.02kb) TRIM26(0)
rs17692279	12	31124382	0.0008432	0.04525	0.0007268	TSPAN11(0)
rs16796	19	31030768	0.0008437	-0.04223	0.0007072	ZNF536(0)
rs7186408	16	64631140	0.0008441	0.03012	0.000671	.
rs8062529	16	64625384	0.0008441	0.03012	0.000671	.
rs58484838	16	77783137	0.0008445	0.0511	0.000877	NUDT7(+6.983kb)
rs59045389	16	77782863	0.0008445	0.0511	0.000877	NUDT7(+6.709kb)
rs28534780	7	101632234	0.0008453	0.0365	0.0008086	CUX1(0)
rs4529785	1	204270124	0.0008463	-0.02955	0.0009143	PLEKHA6(0)
rs5011434	7	12268717	0.0008466	-0.03048	0.0007607	TMEM106B(0)
rs5011437	7	12268792	0.0008466	-0.03048	0.0007607	TMEM106B(0)
rs12469443	2	61797065	0.0008467	0.07198	0.0005389	.
rs12475018	2	61794702	0.0008467	0.07198	0.0005389	.
rs60801721	2	61796047	0.0008467	0.07198	0.0005389	.
rs11685480	2	102927086	0.0008477	0.02894	0.0007418	IL1RL1(-0.875kb)
rs59578756	5	59640969	0.0008477	0.08747	0.0008694	.
rs13336965	16	64624488	0.0008488	0.03014	0.0006813	.
rs17405517	1	204264047	0.0008489	-0.03286	0.0006389	PLEKHA6(0)
rs56226949	6	158430173	0.000849	0.07064	0.0009325	SYNJ2(0)
rs35556565	16	26514383	0.0008493	0.02994	0.0009702	.
rs335561	1	214865123	0.0008494	0.03009	0.0009865	.
rs6572641	14	50518636	0.0008499	-0.03713	0.0007552	.
rs697469	6	166379480	0.0008499	0.03492	0.0008727	.
rs62324422	4	136172312	0.0008512	0.03241	0.0009385	.
rs4354157	6	102903245	0.0008528	0.03647	0.00073	.
rs2966034	16	77785100	0.0008555	0.05079	0.0009146	NUDT7(+8.946kb)
rs12600350	17	53159927	0.0008558	0.03759	0.0006881	STXBP4(0)
rs12603606	17	53159401	0.0008558	0.03759	0.0006881	STXBP4(0)
rs4480955	2	183376633	0.0008559	-0.03065	0.0009746	PDE1A(0)
rs6809925	3	64973751	0.0008562	0.03037	0.0009992	.
rs1993692	4	136167677	0.0008568	0.03261	0.0008743	.

rs6969617	7	12218360	0.0008569	0.03462	0.0008702	.
rs17542364	1	68643922	0.0008571	0.05699	0.0008864	GPR177(0)
rs4688536	3	65026854	0.0008571	0.03174	0.0009361	.
rs893466	10	9183178	0.0008574	-0.116	0.0007601	.
rs7336179	13	26297181	0.0008579	0.04666	0.0005305	ATP8A2(0)
rs57340047	2	53548395	0.0008586	-0.03049	0.0006474	.
rs1147176	8	57548125	0.0008593	0.04277	0.000666	.
rs828177	8	57550876	0.0008593	0.04277	0.000666	.
rs871330	3	193474795	0.0008595	0.03773	0.000952	.
rs9404487	6	104337146	0.0008595	0.04569	0.0007094	.
rs4130444	5	59593726	0.0008605	0.0868	0.0008935	.
rs9404492	6	104356232	0.0008609	0.04808	0.0006689	.
rs4949107	16	64676684	0.000861	0.03034	0.0007043	.
rs11123918	2	102935237	0.0008612	0.02897	0.0007512	IL1RL1(0)
rs9322401	6	153268605	0.000862	-0.03324	0.0007883	.
rs58641063	16	69376150	0.0008626	0.05753	0.0006199	VPS4A(+17.2kb) TMED6(-1.009kb) T
rs10761913	10	66843627	0.0008628	0.0302	0.0008803	.
rs34332066	9	31444849	0.0008633	0.09168	0.0008554	.
rs17097568	12	47460381	0.0008636	0.05982	0.0008865	AMIGO2(-9.108kb)
rs33997182	17	17921995	0.0008642	0.09587	0.0008508	LRRC48(+1.806kb) ATPAF2(0)
rs834829	2	157200849	0.0008646	-0.0336	0.0007721	NR4A2(+11.56kb)
rs2771045	9	108243493	0.0008648	0.03152	0.0009176	FSD1L(0)
rs7987148	13	26250177	0.000865	0.03051	0.0006386	ATP8A2(0)
rs2975045	6	29917496	0.0008657	-0.03146	0.0007404	HLA-A29.1(0) HLA-A(+3.842kb)
rs2629134	3	10918676	0.0008658	-0.03054	0.0009608	SLC6A11(0)
rs6594005	1	204312033	0.0008661	0.02962	0.0008847	PLEKHA6(0)
rs2481573	9	31468923	0.0008664	0.08153	0.0009068	.
rs4796902	18	10708598	0.0008667	0.03325	0.0007761	FAM38B(+10.78kb)
rs10195036	2	49197118	0.0008668	-0.04797	0.0007827	FSHR(0)
rs10938508	4	47948895	0.0008674	-0.03701	0.0008351	CNGA1(0)
rs16900620	6	70003822	0.0008675	0.04958	0.0008783	BAI3(0)
rs9261527	6	30119392	0.0008676	-0.03459	0.0006902	TRIM15(-11.59kb) TRIM40(+2.88kb)
rs2275338	6	154731970	0.000868	0.07889	0.0008806	CNKSR3(0)
rs9594715	13	42805394	0.0008681	0.04187	0.0009255	DGKH(+1.506kb)
rs11215385	11	115024858	0.0008682	0.03413	0.0009662	CADM1(-19.49kb)
rs6833320	4	47917441	0.0008684	-0.03692	0.0008459	NFXL1(+0.808kb)
rs2253163	6	30209062	0.0008686	-0.03209	0.0006879	FLJ45422(-18.31kb)
rs2253164	6	30209068	0.0008686	-0.03209	0.0006879	FLJ45422(-18.3kb)
rs10140632	14	50521200	0.0008697	-0.03726	0.0007585	.
rs28749159	6	29916765	0.0008697	-0.03177	0.0007293	HLA-A29.1(0) HLA-A(+3.111kb)
rs4982326	14	21157936	0.0008698	-0.04744	0.000777	RNASE4(0) ANG(0)
rs6053925	20	6114257	0.0008702	0.03012	0.000968	FERMT1(+10.07kb)
rs6498953	16	64662522	0.0008702	-0.05306	0.0006918	.
rs1054169	7	12273496	0.0008713	-0.03024	0.0007487	TMEM106B(0)
rs4241345	2	69111303	0.0008722	-0.03179	0.0007603	BMP10(+12.65kb)
rs10484551	6	30256838	0.0008727	0.06521	0.0005797	.
rs971764	2	102938335	0.0008733	0.02898	0.0007636	IL1RL1(0)

rs56227180	2	86787598	0.0008734	0.04067	0.0009279	VPS24(0)
rs34190797	5	124462484	0.0008735	0.06807	0.0008717	.
rs1855394	13	88704507	0.0008736	-0.03999	0.0006389	.
rs7184325	16	9906082	0.0008737	-0.03373	0.0008146	GRIN2A(0)
rs17862968	4	118540680	0.0008741	-0.03745	0.0008229	.
rs6717227	2	226013860	0.0008741	-0.08464	0.0007744	.
rs17045527	2	116896503	0.0008749	-0.03801	0.0009845	.
rs17492076	2	116896513	0.0008749	-0.03801	0.0009845	.
rs1550444	4	47952947	0.0008755	-0.03684	0.0008582	CNGA1(0)
rs1888504	21	41295673	0.0008756	0.03035	0.0006204	PCP4(0)
rs4713304	6	30252370	0.0008759	0.06553	0.000577	FLJ45422(+17.64kb)
rs17763954	3	8342581	0.0008763	-0.03365	0.0009125	.
rs6497520	16	9906218	0.0008763	0.03983	0.0008517	GRIN2A(0)
rs4352710	6	104343800	0.0008766	0.04446	0.0007213	.
rs11939515	4	156994264	0.0008769	0.07303	0.0009086	.
rs2698780	10	134158542	0.000877	0.03057	0.0008729	LRRC27(0)
rs2729124	3	1122130	0.000877	0.03456	0.0005141	CNTN6(-12.5kb)
rs10850625	12	116840200	0.0008775	-0.0299	0.0008161	.
rs17016188	4	90721880	0.0008775	0.06572	0.0009043	SNCA(0)
rs17016193	4	90726022	0.0008775	0.06572	0.0009043	SNCA(0)
rs6532190	4	90719196	0.0008775	0.06572	0.0009043	SNCA(0)
rs1468802	7	12276011	0.0008781	0.04669	0.0007401	TMEM106B(0)
rs218768	4	14428501	0.0008781	-0.03032	0.0006803	.
rs1873703	8	143201068	0.0008785	-0.0324	0.0008166	.
rs6915474	6	154731898	0.0008789	0.07883	0.0008886	CNKSR3(0)
rs1011861	2	142861471	0.0008797	-0.04231	0.0008175	LRP1B(0)
rs11728805	4	153135952	0.0008802	-0.05214	0.0007719	.
rs62575102	9	108258572	0.0008804	0.0314	0.0009328	FSD1L(0)
rs889859	2	53553341	0.0008808	-0.03029	0.0006746	.
rs17251199	18	73685144	0.0008812	-0.05152	0.0007727	.
rs11240727	1	204319499	0.0008817	-0.03148	0.0006295	PLEKHA6(0)
rs1572230	7	80259082	0.0008818	-0.1298	0.0008432	CD36(0)
rs4628878	14	22179843	0.0008824	-0.0325	0.0008385	.
rs7158141	14	22179091	0.0008824	-0.0325	0.0008385	.
rs4770199	13	22346941	0.0008827	0.1239	0.0008788	.
rs1353171	8	119872998	0.0008836	-0.03132	0.000741	.
rs28759016	15	73220062	0.0008841	-0.04157	0.0006355	.
rs35998247	9	115133293	0.0008843	0.03994	0.0008296	HSDL2(-9.057kb)
rs9261525	6	30118128	0.0008844	-0.03457	0.0006992	TRIM15(-12.85kb) TRIM40(+1.616kb)
rs4949075	16	64669879	0.000885	0.03005	0.000705	.
rs1862500	16	26519239	0.0008859	0.03031	0.0009786	.
rs1862501	16	26519254	0.0008859	0.03031	0.0009786	.
rs10891328	11	112009125	0.0008867	-0.0312	0.0009138	IL18(-4.85kb)
rs1430741	1	68654276	0.0008874	0.05641	0.0009195	GPR177(0)
rs4936320	11	115034440	0.0008879	0.03367	0.000978	CADM1(-9.904kb)
rs1072175	12	91483152	0.0008882	0.03291	0.0008705	LUM(-14.08kb)
rs4513515	4	156993558	0.0008887	0.07288	0.000929	.

rs12598352	16	7272732	0.0008894	0.03003	0.0007674	A2BP1(0)
rs7202759	16	64666932	0.0008894	0.03003	0.0007115	.
rs9931297	16	64664907	0.0008894	0.03003	0.0007115	.
rs9931299	16	64664921	0.0008894	-0.03146	0.0007115	.
rs4325586	16	64642755	0.0008895	0.03005	0.0007072	.
rs4378638	16	64634301	0.0008895	0.03005	0.0007072	.
rs4407081	16	64659044	0.0008895	0.03005	0.0007072	.
rs62039887	16	64637759	0.0008895	0.03005	0.0007072	.
rs8057368	16	64641721	0.0008895	0.03005	0.0007072	.
rs35975765	2	142867247	0.0008901	-0.04176	0.0007888	LRP1B(0)
rs16833771	3	122727547	0.0008903	-0.07261	0.0008495	SEMA5B(0)
rs2285799	6	30257693	0.0008911	-0.03284	0.0005878	.
rs7539690	1	204286540	0.0008911	0.06514	0.0006431	PLEKHA6(0)
rs4578668	16	64636137	0.0008916	0.03004	0.00071	.
rs12712135	2	102930948	0.0008918	0.02901	0.0007721	IL1RL1(0)
rs11696073	2	126820026	0.0008919	0.03393	0.0009994	.
rs1384831	8	51560905	0.0008927	-0.04237	0.0007341	SNTG1(0)
rs7606831	2	226034791	0.0008931	-0.03745	0.0007859	.
rs17519738	13	42705921	0.0008935	0.04148	0.0009586	DGKH(0)
rs9315892	13	42704155	0.0008935	0.04148	0.0009586	DGKH(0)
rs1530349	18	72836420	0.0008939	0.05675	0.0009248	.
rs6436528	2	226026239	0.0008944	-0.0363	0.0008134	.
rs7395672	11	65488982	0.0008945	-0.02886	0.0008195	RNASEH2C(+0.573kb) KAT5(+1.907kb)
rs2282046	14	21945415	0.0008946	-0.03023	0.0007389	TOX4(0) RAB2B(+0.294kb)
rs10189711	2	102930881	0.0008947	0.02886	0.000781	IL1RL1(0)
rs1003207	2	86815355	0.0008955	0.04023	0.0009664	RNF103(-15.16kb)
rs4861574	4	179769492	0.0008958	0.07644	0.0008526	.
rs17150479	7	8564134	0.0008961	0.03431	0.0008535	NXP1(0)
rs12816531	12	77532958	0.0008964	0.04974	0.0004855	.
rs4522437	16	64628747	0.000897	0.03011	0.0007547	.
rs9373734	6	104336014	0.0008983	0.04558	0.0007388	.
rs9386393	6	104335898	0.0008983	0.04558	0.0007388	.
rs1484773	17	53141001	0.0008995	0.03744	0.0007236	STXBP4(0)
rs2968605	2	36143201	0.0008996	-0.05012	0.0008157	.
rs1485286	8	119950668	0.0008999	-0.0342	0.000781	TNFRSF11B(0)
rs218760	4	14423713	0.0009003	0.04705	0.0006723	.
rs1475326	13	42740514	0.0009004	0.04137	0.0009841	DGKH(0)
rs61959232	13	42727117	0.0009004	0.04137	0.0009841	DGKH(0)
rs9590669	13	42721410	0.0009004	0.04137	0.0009841	DGKH(0)
rs9590670	13	42724205	0.0009004	0.04137	0.0009841	DGKH(0)
rs9594685	13	42712089	0.0009004	0.04137	0.0009841	DGKH(0)
rs59250595	13	19488780	0.0009008	0.03072	0.0006492	.
rs11995278	8	102650107	0.000901	0.1131	0.0008832	GRHL2(0)
rs10443931	10	66837795	0.0009013	0.0301	0.0008777	.
rs58550930	3	172162155	0.0009016	0.09579	0.0009042	GHSR(-0.795kb)
rs9880652	3	172162159	0.0009016	0.09579	0.0009042	GHSR(-0.791kb)
rs62073702	17	16554210	0.0009018	0.05546	0.0009473	ZNF624(0)

rs62073706	17	16563552	0.0009018	0.05546	0.0009473	ZNF624(+6.394kb)
rs62073708	17	16567489	0.0009018	0.05546	0.0009473	ZNF624(+10.33kb)
rs4794552	17	53087132	0.0009019	0.03751	0.0007172	STXBP4(0)
rs7668778	4	47930186	0.0009019	-0.03693	0.0008671	NFXL1(+13.55kb) CNGA1(-7.807kb)
rs62575093	9	108209438	0.0009029	0.03153	0.0009784	FSD1L(-0.886kb)
rs13415618	2	49197461	0.000903	-0.04776	0.000838	FSHR(0)
rs10822430	10	66833255	0.0009032	0.0301	0.0008787	.
rs4626961	10	66835121	0.0009032	0.0301	0.0008787	.
rs59795853	1	68643268	0.0009033	0.05676	0.0009305	GPR177(0)
rs11579075	1	242819717	0.0009037	0.04101	0.0009603	.
rs34350787	4	14494065	0.0009038	0.04077	0.0009617	.
rs13108072	4	14488732	0.0009041	0.04082	0.0009611	.
rs10895802	11	105156591	0.0009044	-0.05103	0.0008087	.
rs9807975	2	102946082	0.0009056	0.02883	0.0007842	IL1RL1(0)
rs12991311	2	63962907	0.0009057	-0.02971	0.0008103	.
rs9633539	10	66831015	0.000906	0.0301	0.0008783	.
rs61944230	13	19487982	0.0009062	0.03077	0.0006603	.
rs10926808	1	242813898	0.0009072	0.04096	0.0009901	.
rs2012666	18	10709914	0.0009072	0.03329	0.0007937	FAM38B(+12.1kb)
rs60810860	2	86724908	0.0009081	0.04011	0.0009803	VPS24(-5.644kb) JMJD1A(+5.069kb)
rs1558622	2	102930147	0.0009083	0.02927	0.0008443	IL1RL1(0)
rs7186955	16	9886960	0.0009085	-0.03219	0.0007827	GRIN2A(0)
rs61742813	5	62597799	0.0009086	-0.04575	0.0007094	.
rs11612913	12	126029755	0.0009093	0.0476	0.0009812	TMEM132B(0)
rs6424820	1	181710617	0.0009096	-0.04169	0.0008686	CACNA1E(0)
rs9518648	13	102830157	0.0009104	-0.03041	0.0009931	FGF14(0)
rs9712463	20	54389634	0.0009107	-0.03166	0.0008348	.
rs2291889	1	1335218	0.0009109	-0.1098	0.000871	MRPL20(-2.057kb) CCNL2(+0.528kb)
rs1485395	12	53995077	0.0009121	-0.03866	0.0006188	ATF7(0)
rs8050250	16	64661689	0.0009124	0.03	0.0007355	.
rs10841143	12	19218576	0.0009128	0.1347	0.0009055	.
rs9261528	6	30119429	0.0009141	-0.03446	0.0007251	TRIM15(-11.55kb) TRIM40(+2.917kb)
rs4832496	2	17752538	0.0009142	-0.03315	0.0006422	VSNL1(0)
rs2119208	4	47947188	0.0009149	-0.03678	0.0008849	CNGA1(0)
rs11800362	1	79994011	0.000916	0.03814	0.0007676	.
rs243776	6	54322106	0.000916	-0.06085	0.0007878	.
rs4555602	4	47921824	0.0009162	-0.0369	0.0009025	NFXL1(+5.191kb) CNGA1(-16.17kb)
rs9594716	13	42806935	0.0009163	0.04378	0.00099	DGKH(+3.047kb)
rs10822431	10	66833436	0.0009168	-0.0313	0.0008835	.
rs11240724	1	204316082	0.0009168	0.0301	0.0006471	PLEKHA6(0)
rs16958711	16	69294770	0.0009169	0.05579	0.0009018	SNTB2(0)
rs12598253	16	53730602	0.000917	-0.0673	0.0008078	RPGRIP1L(0) FTO(-7.272kb)
rs1416838	9	110689309	0.0009171	0.03918	0.0006417	.
rs6734498	2	168712041	0.0009173	-0.06811	0.000782	B3GALT1(0)
rs7181569	15	101049260	0.0009174	-0.1179	0.0008932	LASS3(0)
rs1558268	17	14562229	0.0009189	-0.0321	0.000969	.
rs12525515	6	153264264	0.000919	-0.03313	0.0008379	.

rs12530377	6	153264053	0.000919	-0.03313	0.0008379	.
rs1030891	2	240539765	0.0009192	-0.04406	0.0009447	.
rs12699335	7	12277020	0.0009192	0.03619	0.0008404	TMEM106B(+0.137kb)
rs17408612	7	101630997	0.0009192	-0.03273	0.000887	CUX1(0)
rs10245949	7	47877939	0.0009216	0.03301	0.0007722	PKD1L1(0) FLJ21075(+18.5kb)
rs11871369	17	16542216	0.0009216	-0.03022	0.0009297	ZNF624(0)
rs6533418	4	110152998	0.0009217	-0.03059	0.0008454	COL25A1(0)
rs488625	4	130137778	0.0009228	-0.03649	0.0009759	.
rs11863363	16	64692757	0.0009239	0.04953	0.0007225	.
rs7136142	12	126029664	0.0009239	0.03039	0.0009832	TMEM132B(0)
rs56705125	4	136150239	0.0009244	0.03246	0.0009479	.
rs17193599	12	91743477	0.0009249	0.0727	0.0008806	.
rs36098010	1	97442394	0.0009249	-0.03218	0.0005892	.
rs12825669	12	106288445	0.0009252	0.03082	0.0006429	.
rs6705901	2	26253320	0.0009256	-0.1187	0.0009439	RAB10(-3.653kb)
rs1372749	13	88705053	0.000926	-0.03983	0.0006707	.
rs1372750	13	88705014	0.000926	-0.03983	0.0006707	.
rs10996180	10	66829743	0.0009267	0.03013	0.0008878	.
rs6473267	8	51562835	0.0009272	0.03053	0.0007233	SNTG1(0)
rs9507545	13	26249647	0.0009272	-0.04333	0.0006905	ATP8A2(0)
rs34237696	5	123864536	0.0009277	-0.06519	0.0008507	.
rs2189527	16	64714456	0.0009279	0.03041	0.0007169	.
rs376379	4	130136119	0.0009289	-0.03254	0.0009029	.
rs10760422	9	128964687	0.0009294	0.03163	0.0008373	.
rs56117050	16	64696174	0.0009295	0.0304	0.0007205	.
rs9922210	16	64709292	0.0009295	0.0304	0.0007205	.
rs12465137	2	61808768	0.0009299	0.07149	0.0005895	.
rs10791749	11	105114722	0.0009302	-0.05087	0.0008298	.
rs6567133	18	57586051	0.0009306	0.02908	0.0006732	PMAIP1(+14.51kb)
rs9404485	6	104336182	0.0009311	0.04547	0.0007722	.
rs10444557	12	54055319	0.0009313	-0.03935	0.000651	ATP5G2(-3.624kb)
rs7902544	10	66853683	0.0009316	0.03045	0.0008766	.
rs1968170	2	102933802	0.0009319	0.02882	0.0008084	IL1RL1(0)
rs4884026	13	76481859	0.0009324	0.06675	0.0009707	.
rs6692149	1	80027210	0.0009326	0.03497	0.0008487	.
rs444348	2	17641617	0.0009327	-0.03327	0.0006624	.
rs9261461	6	30101950	0.0009341	-0.03504	0.0007766	TRIM40(-2.559kb) TRIM10(-17.77kb)
rs12110507	6	77299933	0.0009342	0.04238	0.0009406	.
rs1882763	7	101631348	0.0009343	0.03617	0.0008974	CUX1(0)
rs12813667	12	77536250	0.0009347	0.04949	0.0005097	.
rs17867518	4	118540464	0.0009351	-0.09163	0.0008535	.
rs1537108	21	40359144	0.0009357	0.03075	0.0009499	.
rs834504	2	17725275	0.0009361	-0.03291	0.0006672	VSNL1(0)
rs3852552	12	54009395	0.0009375	-0.03894	0.0006491	ATF7(0)
rs222623	14	24124605	0.0009376	0.03152	0.0007903	DHRS2(+9.757kb)
rs7197278	16	9907064	0.0009377	-0.0336	0.0008896	GRIN2A(0)
rs4245480	6	104343935	0.0009394	0.04332	0.0007556	.

rs6797237	3	142344689	0.0009407	0.0407	0.0009946	PLS1(0)
rs1554522	17	25913172	0.0009412	0.02963	0.0006845	KSR1(0)
rs945097	7	80216951	0.0009416	-0.1275	0.0008954	CD36(-14.55kb)
rs34864644	9	115058097	0.0009417	0.03184	0.000868	ROD1(0)
rs7865424	9	115058624	0.0009417	0.03184	0.000868	ROD1(0)
rs2245690	15	101047881	0.0009432	-0.1177	0.0009201	LASS3(0)
rs2411826	15	101047699	0.0009432	-0.1177	0.0009201	LASS3(0)
rs2411828	15	101050527	0.0009432	-0.1177	0.0009201	LASS3(0)
rs2654619	15	101046953	0.0009432	-0.1177	0.0009201	LASS3(0)
rs7175791	15	101048997	0.0009432	-0.1177	0.0009201	LASS3(0)
rs7176024	15	101049137	0.0009432	-0.1177	0.0009201	LASS3(0)
rs4293014	10	66824497	0.0009434	0.03019	0.0009052	.
rs4796901	18	10704619	0.0009435	0.0351	0.000832	FAM38B(+6.805kb)
rs4797464	18	10704222	0.0009435	0.0351	0.000832	FAM38B(+6.408kb)
rs417309	22	20098544	0.0009441	-0.03124	0.0008647	RANBP1(-6.479kb) HTF9C(-0.853kb)
rs4951365	1	204317155	0.0009441	-0.05415	0.0006684	PLEKHA6(0)
rs62072785	17	16508107	0.0009449	0.05719	0.0009792	ZNF624(-15.94kb)
rs10142589	14	22186087	0.0009455	-0.03248	0.0009178	.
rs11676075	2	102941215	0.0009458	0.02866	0.0008286	IL1RL1(0)
rs12466380	2	102948939	0.0009458	0.02866	0.0008286	IL1RL1(0)
rs1420088	2	102939434	0.0009458	0.02866	0.0008286	IL1RL1(0)
rs1420102	2	102948819	0.0009458	0.02866	0.0008286	IL1RL1(0)
rs11935469	4	90690832	0.0009463	0.05599	0.0009526	SNCA(0)
rs7116979	11	4937101	0.0009463	0.05599	0.0009424	OR51G1(-7.502kb) OR51G2(+0.208kb)
rs9633907	11	4937943	0.0009463	0.06414	0.0009424	OR51G1(-6.66kb) OR51G2(+1.05kb)
rs1968542	4	47956139	0.000948	-0.03695	0.0009182	CNGA1(+1.413kb)
rs62574187	9	119457995	0.000949	0.04324	0.000816	TRIM32(0) ASTN2(0)
rs11185389	1	104747846	0.0009508	-0.02877	0.0008446	.
rs12521251	5	143149900	0.0009508	0.05376	0.0009107	.
rs7904334	10	86011929	0.0009508	0.0335	0.0009986	RGR(0) LRIT1(+10.71kb)
rs2601083	2	169278187	0.0009509	-0.06659	0.0009079	.
rs10025915	4	90695508	0.0009518	0.06409	0.0009606	SNCA(0)
rs11931062	4	90690704	0.0009518	0.06409	0.0009606	SNCA(0)
rs3899608	4	90690931	0.0009518	0.06409	0.0009606	SNCA(0)
rs7690873	4	90687862	0.0009518	0.06409	0.0009606	SNCA(0)
rs60203546	9	119473074	0.0009521	0.04246	0.0008152	TRIM32(+9.495kb) ASTN2(0)
rs9893306	17	53054749	0.0009523	-0.03294	0.0009258	TOM1L1(+15.42kb) STXBP4(0) COX11
rs7071002	10	134145835	0.0009525	0.03029	0.0008698	LRRC27(0)
rs62005649	15	67045096	0.0009526	0.08052	0.0009623	SMAD6(0)
rs1715126	2	17681685	0.0009544	-0.03286	0.0006767	RAD51AP2(-10.3kb)
rs834506	2	17676091	0.0009544	-0.03286	0.0006767	RAD51AP2(-15.89kb)
rs2352466	4	47948264	0.0009554	-0.03676	0.0009339	CNGA1(0)
rs7690522	4	47950900	0.0009554	-0.03661	0.0009304	CNGA1(0)
rs2365344	12	54009977	0.0009556	-0.03882	0.0006684	ATF7(0)
rs13427356	2	69114631	0.0009562	-0.03147	0.000823	BMP10(+15.98kb)
rs7132466	12	53996823	0.0009577	-0.03849	0.0006534	ATF7(0)
rs13300924	9	99152660	0.0009581	0.07491	0.0005947	ZNF367(0) SLC35D2(+6.723kb)

rs11790153	9	128983093	0.0009584	-0.03779	0.0008243	.
rs2882100	6	153265387	0.0009592	-0.03293	0.0008846	.
rs6823611	4	14557065	0.0009593	0.03601	0.0008289	.
rs11638324	15	91172033	0.0009599	-0.0372	0.000868	CRTC3(0)
rs2494269	1	197365149	0.0009601	0.03587	0.0009347	CRB1(0)
rs2759659	1	197368840	0.0009601	0.03587	0.0009347	CRB1(0)
rs10443930	10	66837778	0.0009602	0.03018	0.000928	.
rs11211203	1	46315592	0.000961	-0.02993	0.0008128	MAST2(0)
rs11126538	2	76745159	0.0009613	0.02899	0.0006643	.
rs12589872	14	68818292	0.0009619	-0.03873	0.0006975	RAD51L1(0)
rs4259443	8	139946839	0.000962	0.05484	0.0009375	.
rs11768631	7	77865287	0.0009623	0.03052	0.0009658	MAGI2(0)
rs519968	5	152845246	0.0009624	0.08684	0.0009067	.
rs2057748	7	8559476	0.0009628	0.0339	0.0008492	NXPH1(0)
rs2821101	1	197368231	0.0009635	0.03583	0.0009473	CRB1(0)
rs62298270	4	47914624	0.0009652	-0.0366	0.0009624	NFXL1(0)
rs12700039	7	19397836	0.0009653	-0.1096	0.00087	.
rs2422125	11	36069176	0.0009654	0.1376	0.0009804	LDLRAD3(0)
rs2422126	11	36069192	0.0009654	0.1376	0.0009804	LDLRAD3(0)
rs2422128	11	36069222	0.0009654	0.1376	0.0009804	LDLRAD3(0)
rs4619033	1	204269242	0.0009667	-0.03235	0.0007295	PLEKHA6(0)
rs4672345	2	53555139	0.0009669	-0.03011	0.0007225	.
rs11170614	12	54017647	0.0009671	-0.04272	0.0006744	ATF7(0)
rs17204778	16	9906856	0.0009673	-0.03446	0.0009903	GRIN2A(0)
rs759846	2	53553569	0.0009681	0.02989	0.000731	.
rs8053218	16	64657208	0.0009681	-0.03019	0.0007646	.
rs17085762	6	155194880	0.000971	-0.03776	0.0006648	.
rs1979468	9	29646793	0.0009723	0.03328	0.0007041	.
rs10939559	4	14557687	0.000973	0.03596	0.0008397	.
rs593991	3	124165990	0.0009743	-0.02981	0.0008663	KALRN(0)
rs13290716	9	99235654	0.0009747	0.07585	0.0005833	HABP4(0)
rs34338047	9	99240838	0.0009747	0.07585	0.0005833	HABP4(0)
rs34551341	9	99226937	0.0009747	0.07585	0.0005833	HABP4(0)
rs34653867	9	99240872	0.0009747	0.07585	0.0005833	HABP4(0)
rs34881918	9	99223915	0.0009747	0.07585	0.0005833	HABP4(0)
rs16949291	13	94479976	0.0009752	-0.08781	0.0006219	GPC6(0)
rs4628128	6	159453605	0.0009752	-0.09916	0.0009078	TAGAP(-2.421kb)
rs1365694	13	88701168	0.0009758	-0.03963	0.0007161	.
rs9519244	13	88701732	0.0009758	-0.03963	0.0007161	.
rs4722402	7	24939660	0.0009761	-0.05259	0.0008075	OSBPL3(0)
rs3808880	9	115061448	0.0009788	0.03186	0.0008982	ROD1(0)
rs6498954	16	64667564	0.00098	0.03004	0.000754	.
rs10517828	4	63402824	0.0009802	-0.04327	0.0007934	.
rs57206820	4	63407450	0.0009802	-0.04327	0.0007934	.
rs12996772	2	102947201	0.0009807	0.02861	0.0008531	IL1RL1(0)
rs61553648	1	241418981	0.0009812	-0.04339	0.0009818	RG57(0)
rs62330906	5	2615306	0.0009814	0.1428	0.0008971	.

rs7774820	6	123955723	0.000982	-0.07091	0.0008255	TRDN(0)
rs6863958	5	143165024	0.0009848	0.03372	0.0009214	.
rs839539	2	212811801	0.0009851	0.04198	0.0008065	ERBB4(0)
rs4584453	1	204269383	0.0009859	-0.03237	0.0007387	PLEKHA6(0)
rs12712136	2	102936366	0.000986	0.02869	0.0008568	IL1RL1(0)
rs10110936	8	51558075	0.0009876	-0.04236	0.0007987	SNTG1(0)
rs448893	2	17685488	0.000988	-0.03275	0.0007037	RAD51AP2(-6.497kb)
rs455326	5	34648725	0.0009885	0.02968	0.0009227	RAI14(-7.792kb)
rs7606442	2	3283700	0.0009885	-0.03059	0.000795	TSSC1(0)
rs1021263	4	30743575	0.0009886	0.04061	0.0009864	PCDH7(0)
rs1032174	4	30743398	0.0009886	0.04061	0.0009864	PCDH7(0)
rs2275589	13	76457588	0.0009894	0.06357	0.0009961	.
rs1012881	6	153266734	0.0009899	-0.03291	0.0009099	.
rs1012882	6	153266844	0.0009899	-0.03291	0.0009099	.
rs2144359	6	153268143	0.0009899	-0.03291	0.0009099	.
rs10405364	19	18972008	0.0009912	0.05533	0.0009409	UPF1(0) LASS1(-7.352kb) GDF1(-7.
rs7969195	12	53942789	0.0009913	-0.04111	0.0006783	ATF7(0)
rs10002498	4	47928585	0.0009923	-0.03308	0.0009716	NFXL1(+11.95kb) CNGA1(-9.408kb)
rs11649466	16	9908808	0.0009923	-0.03653	0.0009449	GRIN2A(0)
rs11946535	4	47925881	0.0009923	-0.03653	0.0009716	NFXL1(+9.248kb) CNGA1(-12.11kb)
rs12506026	4	47928161	0.0009923	-0.03653	0.0009716	NFXL1(+11.53kb) CNGA1(-9.832kb)
rs2352456	4	47926653	0.0009923	-0.03653	0.0009716	NFXL1(+10.02kb) CNGA1(-11.34kb)
rs3811761	4	47929234	0.0009923	-0.03653	0.0009716	NFXL1(+12.6kb) CNGA1(-8.759kb)
rs4695312	4	47930341	0.0009923	-0.03653	0.0009716	NFXL1(+13.71kb) CNGA1(-7.652kb)
rs6447596	4	47918302	0.0009923	-0.03653	0.0009716	NFXL1(+1.669kb) CNGA1(-19.69kb)
rs6815975	4	47917857	0.0009923	-0.03653	0.0009716	NFXL1(+1.224kb)
rs7197724	16	64711881	0.0009926	0.03031	0.0007601	.
rs1333808	13	88729826	0.0009927	-0.0391	0.0007254	.
rs375464	5	122480914	0.0009935	0.03026	0.0008412	.
rs4949110	16	64691689	0.0009935	0.02961	0.0007692	.
rs1333811	13	88716081	0.0009946	-0.0396	0.0007144	.
rs7323540	13	88715468	0.0009946	-0.0396	0.0007144	.
rs6498955	16	64672262	0.0009948	0.02997	0.0007825	.
rs2110660	2	102918601	0.0009951	0.02876	0.0008457	IL1RL1(-9.36kb)
rs2648908	8	129127594	0.0009958	0.1052	0.0009115	.
rs4480825	16	64677975	0.0009961	0.03012	0.0008019	.
rs12155465	7	81501546	0.0009962	-0.03082	0.0009699	.
rs10214211	5	159400511	0.001	0.06645	0.000616	ADRA1B(+0.494kb)