

Genome-wide suggestive SNPs associated with Hip OA (P value <5×10<sup>-5</sup>)

StrictlySNPID	SNP	CHR	POS	A1	A2	OR	beta	SE	P
17:43294811_G_A	rs117920061	17	43294811	A	G	1.5739	0.470391	0.0839888	6.16E-08
7:18263668_A_T	rs302152	7	18263668	T	A	1.18827	0.175492	0.0331428	1.10E-07
7:18309456_T_C	rs12666671	7	18309456	C	T	0.841515	-0.171869	0.0327403	1.44E-07
7:18309374_T_A	rs12666653	7	18309374	A	T	0.841527	-0.17186	0.0327408	1.44E-07
7:18297439_T_C	rs17138874	7	18297439	C	T	0.841495	-0.171251	0.0326871	1.52E-07
7:18253060_A_C	rs2529749	7	18253060	C	A	0.842321	-0.171952	0.0329347	1.67E-07
7:18301410_T_C	rs7779273	7	18301410	C	T	0.8424	-0.17068	0.0327365	1.75E-07
7:18253378_T_A	rs917331	7	18253378	A	T	0.843555	-0.170601	0.0329457	2.10E-07
7:18252991_G_A	rs2731557	7	18252991	A	G	0.843826	-0.170224	0.0329414	2.22E-07
7:18295704_T_C	rs2529748	7	18295704	C	T	0.843882	-0.168772	0.032724	2.36E-07
7:18295790_C_T	rs215122	7	18295790	T	C	0.844272	-0.168022	0.0326928	2.60E-07
7:18315272_C_G	rs6951248	7	18315272	G	C	0.844635	-0.168417	0.032775	2.61E-07
1:23811061_C_T	rs12727881	1	23811061	T	C	0.839908	-0.177118	0.0342488	2.63E-07
1:23811488_T_C	rs4649093	1	23811488	C	T	0.840923	-0.176085	0.0342712	3.14E-07
1:23810658_G_A	rs71514236	1	23810658	A	G	0.841087	-0.176016	0.0343079	3.27E-07
7:18301637_G_A	rs7796779	7	18301637	A	G	0.845538	-0.166415	0.0327498	3.53E-07
1:23794782_G_C	rs7554117	1	23794782	C	G	0.84179	-0.174701	0.0342259	3.74E-07
7:18270951_T_A	rs1001666	7	18270951	A	T	0.847292	-0.166717	0.0329102	3.86E-07
7:18288593_A_G	rs917325	7	18288593	G	A	0.846471	-0.166207	0.0328311	3.89E-07
21:33544256_T_C	rs55837997	21	33544256	C	T	0.770989	-0.273916	0.0554175	3.95E-07
12:29612607_ATG_A	rs146179124	12	29612607	A	ATG	0.783316	-0.254764	0.0514603	4.12E-07
1:23786203_C_T	rs1555024	1	23786203	T	C	0.842693	-0.174007	0.0342514	4.24E-07
1:23810360_T_C	rs6686497	1	23810360	C	T	0.842542	-0.173905	0.0342647	4.36E-07
2:242393798_A_G	rs2302011	2	242393798	G	A	1.18961	0.180991	0.0357112	4.72E-07
7:18235395_C_T	rs1178325	7	18235395	T	C	1.17823	0.166159	0.0330574	4.73E-07
1:23804917_C_T	rs1986133	1	23804917	T	C	0.843167	-0.173259	0.0342443	4.73E-07
1:23799001_C_T	rs10917386	1	23799001	T	C	0.843186	-0.17325	0.0342453	4.74E-07
7:18295693_CIT_C	rs10563021	7	18295693	C	CIT	0.847763	-0.164741	0.0327996	4.82E-07
7:18296739_GTA_G	rs138363032	7	18296739	G	GTA	0.847093	-0.164338	0.0327279	4.84E-07
1:23805775_AGAG_A	rs78055716	1	23805775	A	AGAG	0.843755	-0.172535	0.0342468	5.29E-07
12:29611516_G_C	rs11609415	12	29611516	C	G	0.787393	-0.244493	0.0497464	5.31E-07
1:23796004_G_A	rs12729418	1	23796004	A	G	0.843831	-0.17217	0.0342275	5.50E-07
7:18297061_A_C	rs13310097	7	18297061	C	A	0.850961	-0.166479	0.0334189	5.90E-07
12:29612611_GT_G	rs34116252	12	29612611	G	GT	0.778232	-0.292923	0.0606293	6.05E-07
12:29611373_TA_T	rs35083793	12	29611373	T	TA	0.78832	-0.240987	0.0493228	6.29E-07
12:29612609_GT_G	rs34023583	12	29612609	G	GT	0.77898	-0.289144	0.0600092	6.64E-07
12:29613474_C_G	rs73278736	12	29613474	G	C	0.78887	-0.240205	0.0492651	6.65E-07
7:18388143_A_G	rs17419024	7	18388143	G	A	0.848054	-0.16387	0.0329697	6.69E-07
12:29613467_A_G	rs73278734	12	29613467	G	A	0.789035	-0.239753	0.0492134	6.81E-07
17:67503501_G_A	rs2521349	17	67503501	A	G	1.17902	0.163287	0.0328127	6.85E-07
2:242254734_G_C	rs12624195	2	242254734	C	G	1.21746	0.197316	0.0393683	6.94E-07
7:18301777_G_T	rs4721704	7	18301777	T	G	0.849284	-0.162307	0.0327767	6.95E-07
12:29585181_A_G	rs1369899	12	29585181	G	A	0.790245	-0.239244	0.049235	7.28E-07
12:29578048_C_T	rs11610605	12	29578048	T	C	0.789619	-0.239433	0.0493187	7.42E-07
12:29605506_T_C	rs11611065	12	29605506	C	T	0.789752	-0.239417	0.049362	7.60E-07
12:29612070_C_T	rs6487826	12	29612070	T	C	0.790121	-0.238701	0.0492688	7.85E-07
12:29612425_G_A	rs7953181	12	29612425	A	G	0.790087	-0.23835	0.0492104	7.92E-07
12:29608361_T_A	rs11050237	12	29608361	A	T	0.79025	-0.238299	0.0492335	8.05E-07
17:67503653_A_G	rs2716212	17	67503653	G	A	1.17768	0.162263	0.0328168	8.06E-07
12:29580751_A_G	rs7301354	12	29580751	G	A	0.790538	-0.238206	0.0492896	8.35E-07
12:29615399_C_T	rs7964979	12	29615399	T	C	0.790399	-0.240029	0.0496966	8.39E-07
12:29603009_C_G	rs7963197	12	29603009	G	C	0.790563	-0.237943	0.0492474	8.42E-07
12:29611549_T_A	rs11611499	12	29611549	A	T	0.790787	-0.238801	0.0494448	8.48E-07
12:29585485_T_C	rs73276902	12	29585485	C	T	0.790581	-0.237792	0.049251	8.57E-07
12:29574756_G_A	rs11829375	12	29574756	A	G	0.790773	-0.238012	0.0493303	8.69E-07
12:29570774_C_A	rs1035608	12	29570774	A	C	0.790845	-0.237769	0.0492845	8.73E-07
12:29573986_T_C	rs11831164	12	29573986	C	T	0.790879	-0.237675	0.0492698	8.76E-07
12:29574103_C_T	rs34137040	12	29574103	T	C	0.790879	-0.237675	0.0492698	8.76E-07
12:29581702_G_C	rs7978026	12	29581702	C	G	0.790879	-0.237675	0.0492698	8.76E-07
12:29572985_A_G	rs7297659	12	29572985	G	A	0.79088	-0.237674	0.0492697	8.76E-07
12:29615222_A_T	rs7964648	12	29615222	T	A	0.79205	-0.236492	0.0490514	8.92E-07
12:29586116_G_T	rs73278706	12	29586116	T	G	0.790902	-0.237229	0.0492175	8.96E-07
12:29585875_G_A	rs11833098	12	29585875	A	G	0.790906	-0.237216	0.0492175	8.97E-07
12:29626819_C_G	rs58359809	12	29626819	G	C	0.791942	-0.236788	0.049165	9.15E-07
12:29614709_A_G	rs73278740	12	29614709	G	A	0.791375	-0.236924	0.0491984	9.17E-07
2:242342379_C_G	rs73002181	2	242342379	G	C	1.21867	0.198492	0.0400259	9.19E-07
7:18308913_G_A	rs12672535	7	18308913	A	G	0.849443	-0.161133	0.0329253	9.25E-07
12:29584503_CTATT_C	rs145351632	12	29584503	C	CTATT	0.791277	-0.23684	0.0492226	9.37E-07
12:29615356_G_T	rs7965185	12	29615356	T	G	0.790637	-0.23922	0.0497523	9.39E-07
12:29625179_G_C	rs11614288	12	29625179	C	G	0.791968	-0.236017	0.0491007	9.63E-07
12:29612658_A_G	rs35494573	12	29612658	G	A	0.79158	-0.236399	0.0491811	9.64E-07
12:29583170_TAACTTC_T	rs146388660	12	29583170	T	TAACTTC	0.791527	-0.23675	0.0492633	9.66E-07
2:242365353_A_T	rs73004362	2	242365353	T	A	1.21694	0.200033	0.0404016	9.67E-07
12:29571618_G_C	rs11614744	12	29571618	C	G	0.791885	-0.236617	0.0492634	9.78E-07
12:29626499_A_G	rs59273552	12	29626499	G	A	0.792051	-0.236295	0.049208	9.84E-07
12:29577707_G_A	rs73276833	12	29577707	A	G	0.791826	-0.236532	0.0492845	9.98E-07
1:23825431_C_T	rs10917393	1	23825431	T	C	0.848873	-0.16987	0.0345845	1.01E-06
17:67499717_C_T	rs2521348	17	67499717	T	C	1.17676	0.16056	0.0327652	1.01E-06
12:29626201_C_T	rs7138552	12	29626201	T	C	0.792488	-0.235388	0.049067	1.01E-06
12:29581776_A_G	rs7977826	12	29581776	G	A	0.792083	-0.236652	0.0493853	1.03E-06
2:233834438_T_G	rs34790131	2	233834438	G	T	1.26402	0.234154	0.0488578	1.04E-06
12:29615151_C_A	rs7964728	12	29615151	A	C	0.793173	-0.234797	0.0489884	1.04E-06

7:18294050_A_T	rs17138868	7	18294050	T	A	0.849993	-0.160322	0.032924	1.05E-06
12:29584782_T_G	rs1436314	12	29584782	G	T	0.792232	-0.235843	0.0492631	1.06E-06
12:29609220_C_A	rs7296302	12	29609220	A	C	0.792698	-0.23484	0.0490745	1.08E-06
7:18312712_A_G	rs28410383	7	18312712	G	A	0.850302	-0.160152	0.0329386	1.09E-06
12:29626374_T_C	rs7309876	12	29626374	C	T	0.792991	-0.234727	0.0490725	1.09E-06
12:29624630_T_C	rs11050247	12	29624630	C	T	0.793043	-0.23467	0.0490731	1.10E-06
2:242212177_C_T	rs111937035	2	242212177	T	C	1.21315	0.194183	0.039468	1.11E-06
7:18318874_G_C	rs6461375	7	18318874	C	G	0.850426	-0.159764	0.0329151	1.14E-06
2:242235710_C_A	rs62186409	2	242235710	A	C	1.21338	0.193141	0.0393265	1.15E-06
2:242249122_G_A	rs12618809	2	242249122	A	G	1.21328	0.193046	0.0393082	1.15E-06
2:242244583_G_A	rs61689231	2	242244583	A	G	1.21327	0.193024	0.039307	1.15E-06
7:18313358_G_T	rs6972958	7	18313358	T	G	0.850753	-0.159714	0.0329346	1.16E-06
2:35881625_C_A	rs13031288	2	35881625	A	C	0.848863	-0.18697	0.0388887	1.17E-06
1:23824647_G_T	.	1	23824647	T	G	0.849881	-0.170756	0.0350277	1.23E-06
7:18313167_G_T	rs12154277	7	18313167	T	G	0.851047	-0.159263	0.0329246	1.23E-06
7:18366769_A_C	rs780085	7	18366769	C	A	1.17888	0.157604	0.0325022	1.26E-06
2:242312477_G_GI	rs201276541	2	242312477	GI	G	1.21476	0.199124	0.0406464	1.26E-06
2:242241706_C_T	rs73018185	2	242241706	T	C	1.21239	0.192368	0.0393206	1.26E-06
9:130901763_G_A_C	rs368982294	9	130901763	C	A	1.30063	0.314753	0.0634229	1.27E-06
12:29623259_G_A	rs7311329	12	29623259	A	G	0.794267	-0.233418	0.0491274	1.29E-06
12:29623104_T_A	rs7296554	12	29623104	A	T	0.794171	-0.233182	0.0490783	1.29E-06
12:29623325_A_C	rs7311051	12	29623325	C	A	0.79416	-0.233627	0.0491813	1.29E-06
1:23828151_C_T	rs11580109	1	23828151	T	C	0.850805	-0.169025	0.0347632	1.29E-06
12:29623560_G_A	rs56179940	12	29623560	A	G	0.794188	-0.23316	0.0490787	1.29E-06
12:29623924_A_T	rs58171188	12	29623924	T	A	0.794237	-0.233108	0.049079	1.30E-06
12:29607093_G_C	rs11831165	12	29607093	C	G	0.794435	-0.23284	0.0490496	1.32E-06
17:76290085_G_A	rs12941606	17	76290085	A	G	1.66318	0.548829	0.121299	1.32E-06
7:18313517_G_A	rs6973137	7	18313517	A	G	0.851465	-0.158731	0.032922	1.34E-06
12:29628406_TA_T	rs200189312	12	29628406	T	TA	0.797798	-0.232107	0.0489294	1.35E-06
2:242225325_G_C	rs62186399	2	242225325	C	G	1.2115	0.191519	0.0393074	1.40E-06
8:11417355_T_IG	rs571595801	8	11417355	IG	T	3.59747	1.41845	0.283601	1.41E-06
12:29616968_G_T	rs11050242	12	29616968	T	G	0.795071	-0.231794	0.0489539	1.41E-06
7:18310791_G_A	rs302178	7	18310791	A	G	0.85169	-0.158355	0.0329354	1.43E-06
17:76294167_C_T	rs62080399	17	76294167	T	C	1.57519	0.519733	0.11511	1.45E-06
2:233834265_T_C	rs35868339	2	233834265	C	T	1.25961	0.23028	0.0487087	1.46E-06
12:29605129_A_G	rs73278726	12	29605129	G	A	0.795654	-0.230983	0.0488727	1.48E-06
2:242211450_A_G	rs62186377	2	242211450	G	A	1.21089	0.191097	0.0393258	1.49E-06
12:29615573_A_G	rs7965132	12	29615573	G	A	0.795536	-0.231266	0.0489974	1.52E-06
2:242223762_IG_T	rs201455766	2	242223762	T	IG	1.21035	0.191301	0.0394319	1.55E-06
15:27067782_T_C	rs12592194	15	27067782	C	T	0.84698	-0.164149	0.034075	1.62E-06
12:29594741_A_G	rs11050232	12	29594741	G	A	0.796665	-0.229133	0.0486879	1.64E-06
7:18305244_TTAAA_T	rs145596359	7	18305244	T	TTAAA	0.852738	-0.157368	0.0329249	1.65E-06
2:242240697_C_T	rs57576464	2	242240697	T	C	1.20975	0.19055	0.0393835	1.65E-06
12:29617736_C_T	rs3741751	12	29617736	T	C	0.796204	-0.230317	0.0489726	1.66E-06
2:242354979_C_T	rs16842449	2	242354979	T	C	1.21072	0.191366	0.0395721	1.68E-06
16:8976554_G_A	rs76553093	16	8976554	A	G	1.35635	0.320053	0.0653191	1.68E-06
2:242363611_G_C	rs4254498	2	242363611	C	G	1.21071	0.191352	0.0395734	1.68E-06
12:29598616_G_C	rs10161540	12	29598616	C	G	0.796021	-0.230507	0.0490436	1.68E-06
2:233834975_A_G	rs4973588	2	233834975	G	A	1.25952	0.227929	0.0484839	1.69E-06
2:242294116_A_G	rs3755395	2	242294116	G	A	1.21082	0.191006	0.0395199	1.70E-06
2:242344599_T_C	rs60132543	2	242344599	C	T	1.20946	0.190908	0.0395541	1.76E-06
2:242372544_T_TA	rs71951290	2	242372544	TA	T	1.20789	0.19664	0.0407093	1.77E-06
12:29626045_G_GAAAAAA	rs577076897	12	29626045	G	AAAAA	0.796897	-0.229522	0.0489358	1.78E-06
2:242387346_G_A	rs3771573	2	242387346	A	G	1.21007	0.190758	0.0395451	1.78E-06
2:242385340_A_G	rs3821281	2	242385340	G	A	1.21016	0.190738	0.0395427	1.78E-06
12:29576517_C_T	rs2042512	12	29576517	T	C	0.797232	-0.230022	0.0490923	1.82E-06
1:23827606_G_A	rs2902874	1	23827606	A	G	0.852662	-0.166362	0.0347179	1.83E-06
12:29617550_G_A	rs11050243	12	29617550	A	G	0.796867	-0.229219	0.0489354	1.83E-06
2:242300651_A_T	rs60178325	2	242300651	T	A	1.20968	0.1903	0.0395198	1.85E-06
12:29578160_G_A	rs10219541	12	29578160	A	G	0.797027	-0.229399	0.0490026	1.86E-06
20:40726876_T_IG	rs5841448	20	40726876	IG	T	0.670688	-0.394173	0.0863099	1.86E-06
12:29573833_G_C	rs11838057	12	29573833	C	G	0.797034	-0.229387	0.0490018	1.86E-06
12:29577767_G_A	rs10219521	12	29577767	A	G	0.797034	-0.229387	0.0490018	1.86E-06
12:29567981_G_A	rs56808425	12	29567981	A	G	0.797035	-0.229386	0.0490018	1.86E-06
12:29591184_A_C	rs7302425	12	29591184	C	A	0.797038	-0.229617	0.0490731	1.87E-06
12:29593220_G_T	rs11050231	12	29593220	T	G	0.797009	-0.22891	0.0489368	1.90E-06
2:242332438_T_C	rs73002176	2	242332438	C	T	1.20954	0.190343	0.0395673	1.90E-06
12:29625929_T_C	rs7306407	12	29625929	C	T	0.797438	-0.228748	0.0489203	1.91E-06
2:242280809_TACTA_T	rs143748637	2	242280809	T	TACTA	1.20851	0.189874	0.03949	1.92E-06
12:29578782_A_AAAG	rs150547396	12	29578782	AAAG	A	0.798258	-0.228695	0.0489312	1.93E-06
12:29577238_A_G	rs7954043	12	29577238	G	A	0.797356	-0.229044	0.0490088	1.93E-06
12:29584609_G_A	rs7295922	12	29584609	A	G	0.797243	-0.228808	0.0489587	1.94E-06
2:242325980_G_A	rs73002170	2	242325980	A	G	1.20931	0.190096	0.0395598	1.95E-06
7:18316661_G_A	rs7794278	7	18316661	A	G	0.853227	-0.156789	0.0330474	1.95E-06
2:242312353_C_CT	rs151280108	2	242312353	CT	C	1.20926	0.189704	0.0395009	1.97E-06
2:242371338_G_A	rs113760094	2	242371338	A	G	1.20835	0.189786	0.0395225	1.98E-06
2:242377356_A_G	rs56107857	2	242377356	G	A	1.20836	0.189719	0.0395153	1.99E-06
2:242378000_T_C	rs73004374	2	242378000	C	T	1.20833	0.189667	0.039506	1.99E-06
2:242382606_A_T	rs3771569	2	242382606	T	A	1.20832	0.189632	0.0395056	1.99E-06
2:242375429_G_A	rs62190366	2	242375429	A	G	1.20825	0.189615	0.0395059	2.00E-06
7:18316305_C_T	rs6956728	7	18316305	T	C	0.853195	-0.156286	0.032972	2.00E-06
5:135216445_G_A	rs145021332	5	135216445	A	G	1.67388	0.514283	0.104349	2.00E-06
2:242380382_T_C	rs57696929	2	242380382	C	T	1.20823	0.189583	0.0395069	2.01E-06
2:242383583_TTGA_T	rs140824940	2	242383583	T	TTGA	1.20885	0.189892	0.0395724	2.01E-06

2:49240269_A_C	rs7582211	2	49240269	C	A	4.07597	1.63326	0.338999	2.03E-06
2:242291743_A_G	rs7568	2	242291743	G	A	1.20825	0.189352	0.0394853	2.04E-06
2:242379795_G_T	rs3755400	2	242379795	T	G	1.20889	0.18964	0.0395427	2.04E-06
2:242374238_G_A	rs56352948	2	242374238	A	G	1.20889	0.189627	0.0395402	2.04E-06
2:242374358_T_C	rs16843671	2	242374358	C	T	1.20889	0.18962	0.0395401	2.04E-06
2:242376507_A_G	rs929409	2	242376507	G	A	1.20889	0.18962	0.0395401	2.04E-06
4:128070793_T_C	rs13101689	4	128070793	C	T	1.19144	0.178275	0.037921	2.04E-06
2:242301363_G_A	rs62193201	2	242301363	A	G	1.20882	0.189392	0.0395087	2.06E-06
2:242321707_A_C	rs73002160	2	242321707	C	A	1.20858	0.189412	0.0395289	2.08E-06
12:29620874_G_A	rs878837	12	29620874	A	G	0.797991	-0.228002	0.0489346	2.08E-06
12:29621054_G_A	rs2350531	12	29621054	A	G	0.798056	-0.228143	0.0489766	2.09E-06
2:233835290_T_G	rs12694919	2	233835290	G	T	1.25653	0.225977	0.0485004	2.09E-06
7:18308116_TA_T	rs10714538	7	18308116	T	TA	0.85371	-0.15617	0.033016	2.10E-06
2:242345130_C_T	rs62193216	2	242345130	T	C	1.20881	0.190035	0.0396761	2.11E-06
2:242351379_T_G	rs16843642	2	242351379	G	T	1.20831	0.189236	0.0395365	2.13E-06
12:29619701_G_A	rs7953237	12	29619701	A	G	0.79821	-0.227629	0.048915	2.15E-06
2:242302811_A_G	rs3771550	2	242302811	G	A	1.20774	0.188769	0.0394536	2.15E-06
12:29619086_A_G	rs7489238	12	29619086	G	A	0.798246	-0.227577	0.0489145	2.16E-06
12:29619862_A_G	rs880267	12	29619862	G	A	0.798246	-0.227577	0.0489145	2.16E-06
2:242368005_GT_G	rs76186317	2	242368005	G	GT	1.20811	0.189289	0.0395682	2.16E-06
2:242353704_G_A	rs3771561	2	242353704	A	G	1.20756	0.188883	0.0394908	2.17E-06
1:23778362_C_T	rs2077066	1	23778362	T	C	0.853432	-0.160968	0.0388558	2.17E-06
2:242353493_G_A	rs62193220	2	242353493	A	G	1.20749	0.188829	0.0394912	2.18E-06
2:242349893_A_G	rs28386824	2	242349893	G	A	1.20748	0.188799	0.039488	2.19E-06
2:242366375_C_T	rs62190361	2	242366375	T	C	1.20721	0.188857	0.0395349	2.23E-06
7:18317766_G_T	rs17138905	7	18317766	T	G	0.853789	-0.155602	0.0329894	2.25E-06
10:117537841_GA_G	rs557142533	10	117537841	G	GA	2.24046	1.28168	0.258814	2.25E-06
2:242342768_T_A	rs61615527	2	242342768	A	T	1.20715	0.188758	0.0395287	2.25E-06
2:242389226_A_G	rs55812424	2	242389226	G	A	1.20784	0.18901	0.03958	2.25E-06
2:242357909_GTC_G	rs139248219	2	242357909	G	GTC	1.20692	0.188625	0.0395036	2.25E-06
2:242203702_G_A	rs60988674	2	242203702	A	G	1.20729	0.187744	0.0393223	2.25E-06
2:242287890_C_T	rs56353567	2	242287890	T	C	1.20812	0.188732	0.0395241	2.25E-06
2:242369685_A_G	rs12612038	2	242369685	G	A	1.20785	0.18889	0.0395565	2.26E-06
7:18317529_T_C	rs17138904	7	18317529	C	T	0.853796	-0.15546	0.0329685	2.26E-06
7:18318382_G_A	rs1469575	7	18318382	A	G	0.853796	-0.15546	0.0329685	2.26E-06
20:40737112_A_G	rs4810352	20	40737112	G	A	0.718658	-0.321072	0.0701477	2.27E-06
2:242280924_G_A	rs73002114	2	242280924	A	G	1.20716	0.18848	0.0395023	2.29E-06
15:27098935_G_A	rs3924654	15	27098935	A	G	1.16827	0.155709	0.0329018	2.33E-06
8:122710838_T_A	rs138231424	8	122710838	A	T	1.66555	0.769783	0.153911	2.33E-06
7:18316815_AG_A	rs11316564	7	18316815	A	AG	0.854031	-0.155243	0.0329708	2.34E-06
7:18307448_C_A	rs7459237	7	18307448	A	C	0.854032	-0.155196	0.0329661	2.35E-06
2:242358299_G_T	rs3771566	2	242358299	T	G	1.20747	0.188479	0.0395465	2.36E-06
2:242358619_G_A	rs3771567	2	242358619	A	G	1.20657	0.188318	0.0395247	2.37E-06
2:242270433_A_G	rs59487360	2	242270433	G	A	1.20774	0.188246	0.0395126	2.38E-06
2:242377174_T_C	rs55990413	2	242377174	C	T	1.20645	0.189026	0.0396885	2.40E-06
7:18306817_T_A	rs4361680	7	18306817	A	T	0.854146	-0.155011	0.0329596	2.40E-06
7:18306038_GT_G	rs78210721	7	18306038	G	GT	0.854153	-0.154997	0.0329593	2.41E-06
2:242317685_AT_A	rs141659095	2	242317685	A	AT	1.2048	0.188504	0.0396076	2.43E-06
8:38422273_A_G	rs374097684	8	38422273	G	A	1.65913	0.593616	0.120555	2.46E-06
2:242266079_C_A	rs58771961	2	242266079	A	C	1.20654	0.187795	0.0394889	2.47E-06
12:29618905_A_T	rs7313103	12	29618905	T	A	0.799317	-0.226408	0.0489529	2.48E-06
17:76284482_AT_A	rs5822240	17	76284482	A	AT	1.65871	0.576135	0.131969	2.50E-06
2:242199532_C_T	rs12622174	2	242199532	T	C	1.206	0.187005	0.0393511	2.51E-06
2:242207285_G_C	rs59934670	2	242207285	C	G	1.20637	0.186623	0.0392806	2.52E-06
16:8980091_C_T	rs79820989	16	8980091	T	C	1.34952	0.315334	0.0654989	2.53E-06
1:23775548_GTC_G	rs36007732	1	23775548	G	GTC	0.854418	-0.159931	0.0338691	2.54E-06
12:29586810_CA_C	rs148996239	12	29586810	C	CA	0.807982	-0.222646	0.0481695	2.55E-06
1:23781509_G_A	rs4649089	1	23781509	A	G	0.854366	-0.159807	0.0338556	2.57E-06
12:29629682_A_ACGCGCCG	.	12	29629682	ACGCGCC	A	0.800096	-0.239258	0.0519523	2.57E-06
2:242274998_C_G	rs60614486	2	242274998	G	C	1.20687	0.187549	0.0395091	2.58E-06
17:67504262_G_A	rs2521350	17	67504262	A	G	1.165	0.152595	0.032455	2.62E-06
1:23781642_C_T	rs4649090	1	23781642	T	C	0.854417	-0.159833	0.0338984	2.64E-06
2:233857816_AAT_A	rs202123892	2	233857816	A	AAT	1.20472	0.206114	0.0445632	2.64E-06
19:15066446_AG_A	rs60988819	19	15066446	A	AG	1.29912	0.270273	0.0564757	2.66E-06
2:242256812_G_C	rs12233133	2	242256812	C	G	1.20581	0.187795	0.0396244	2.68E-06
15:27098492_T_C	rs3924653	15	27098492	C	T	1.16732	0.154574	0.0328867	2.74E-06
21:33548365_A_T	rs76775133	21	33548365	T	A	0.739207	-0.297693	0.0653531	2.75E-06
17:67474536_G_T	rs12939304	17	67474536	T	G	1.18586	0.174616	0.0370108	2.81E-06
1:230989640_C_T	rs182964131	1	230989640	T	C	4.2126	1.57455	0.335817	2.83E-06
7:18307906_G_A	rs1107693	7	18307906	A	G	0.855057	-0.153889	0.0329532	2.83E-06
2:242261879_G_A	rs12612905	2	242261879	A	G	1.20503	0.186541	0.039489	2.88E-06
2:242274489_G_C	rs56390510	2	242274489	C	G	1.20495	0.186681	0.0395207	2.89E-06
7:18304326_G_A	rs12154412	7	18304326	A	G	0.855084	-0.153745	0.0329511	2.89E-06
2:59932526_T_C	rs143146666	2	59932526	C	T	2.39002	1.08106	0.220286	2.90E-06
1:23751140_G_T	rs71514235	1	23751140	T	G	0.855194	-0.15931	0.0339378	2.92E-06
5:153617372_A_G	rs11952152	5	153617372	G	A	1.25057	0.230417	0.0502314	2.92E-06
7:57818431_C_A	rs187528141	7	57818431	A	C	2.21759	1.02528	0.207135	2.98E-06
8:11381536_T_C	rs190336661	8	11381536	C	T	3.37117	1.25827	0.259048	2.99E-06
2:242277715_G_C	rs62193172	2	242277715	C	G	1.20536	0.186276	0.0394965	2.99E-06
17:67506682_A_C	rs2715822	17	67506682	C	A	1.16328	0.151701	0.0324696	3.02E-06
2:242366604_C_T	rs62190362	2	242366604	T	C	1.20453	0.186964	0.039662	3.03E-06
17:67504218_G_GTT	rs35028767	17	67504218	GTT	G	1.16401	0.151694	0.0324704	3.03E-06
7:18305489_C_T	rs4416737	7	18305489	T	C	0.85544	-0.153391	0.0329501	3.04E-06
17:67522975_T_C	rs2074031	17	67522975	C	T	1.16384	0.153172	0.0327707	3.05E-06

7:18303874_C_A	rs73066383	7	18303874	A	C	0.855856	-0.153138	0.0329574	3.18E-06
4:128073071_TA_T	rs5861819	4	128073071	T	TA	1.18626	0.175967	0.0381535	3.18E-06
17:67509059_A_G	rs2715823	17	67509059	G	A	1.16277	0.1512	0.032457	3.23E-06
16:8983392_G_C	rs117917634	16	8983392	C	G	1.34609	0.311284	0.065393	3.26E-06
10:115350929_C_A	rs10787493	10	115350929	A	C	1.19372	0.178757	0.0381123	3.27E-06
16:85211552_A_C	rs11642920	16	85211552	C	A	0.856477	-0.162472	0.035159	3.28E-06
16:8980952_G_A	rs30778	16	8980952	A	G	0.743495	-0.309617	0.065062	3.28E-06
5:153611585_G_A	rs6883578	5	153611585	A	G	1.24923	0.229083	0.0502218	3.32E-06
21:33546827_C_T	rs28407280	21	33546827	T	C	0.744398	-0.299612	0.066393	3.33E-06
17:76271767_C_CIT	rs59043949	17	76271767	CIT	C	1.64742	0.529859	0.12144	3.34E-06
15:27068305_C_T	rs12441910	15	27068305	T	C	1.17538	0.160162	0.0343407	3.45E-06
7:18349634_G_A	rs1412909	7	18349634	A	G	1.16834	0.151969	0.0327459	3.52E-06
17:67523025_A_G	rs2521359	17	67523025	G	A	1.16246	0.152096	0.0327653	3.56E-06
17:67505814_C_G	rs2716211	17	67505814	G	C	1.16199	0.150564	0.0324644	3.57E-06
10:115348726_GA_G	rs3832698	10	115348726	GA	G	0.85752	-0.15756	0.0388834	3.58E-06
2:242262311_A_G	rs56663202	2	242262311	G	A	1.20205	0.185007	0.0395492	3.59E-06
17:67512327_A_G	rs2521352	17	67512327	G	A	1.16267	0.150389	0.0324443	3.61E-06
2:233833017_T_C	rs6739664	2	233833017	C	T	1.24741	0.21924	0.048182	3.64E-06
15:27076087_C_T	rs6576632	15	27076087	T	C	1.17518	0.157808	0.0394925	3.68E-06
2:35875525_A_AT	rs71394574	2	35875525	AT	A	0.856208	-0.156754	0.0340505	3.70E-06
2:242261864_A_T	rs12622880	2	242261864	T	A	1.20306	0.185016	0.0396007	3.70E-06
3:150535301_T_A	rs529442409	3	150535301	A	T	2.43635	1.37372	0.286539	3.76E-06
17:67518840_G_A	rs2521355	17	67518840	A	G	1.16184	0.151964	0.038206	3.77E-06
2:40334419_C_CAAAAAAA	rs571403529	2	40334419	CAAAA.C	C	0.741063	-0.300786	0.0636207	3.78E-06
1:23830827_A_G	rs79241705	1	23830827	G	A	0.857729	-0.16189	0.0348727	3.79E-06
2:233848635_T_C	rs2344971	2	233848635	C	T	1.25179	0.224332	0.0494415	3.80E-06
4:40580966_C_G	rs13116300	4	40580966	G	C	1.32476	0.323919	0.0683463	3.80E-06
7:18300086_C_T	rs6953847	7	18300086	T	C	0.856799	-0.15201	0.0329827	3.81E-06
10:115353252_C_T	rs4918858	10	115353252	T	C	1.19205	0.178319	0.0382862	3.83E-06
17:67512924_G_GIT	rs35105918	17	67512924	GIT	G	1.16229	0.149966	0.0324382	3.83E-06
13:44915100_C_A	rs9595108	13	44915100	A	C	1.22289	0.206047	0.0440736	3.83E-06
15:27068434_T_C	rs7178006	15	27068434	C	T	0.851635	-0.158425	0.0341535	3.88E-06
15:27072067_T_C	rs10220840	15	27072067	C	T	0.852149	-0.158319	0.0341454	3.91E-06
12:29630081_G_A	rs7975356	12	29630081	A	G	1.24539	0.221238	0.0487802	3.91E-06
7:18333696_T_C	rs2960703	7	18333696	C	T	1.21592	0.191645	0.0411006	3.93E-06
7:18300770_TA_T	rs79946005	7	18300770	T	TA	0.858973	-0.154351	0.0335678	3.94E-06
2:242259450_C_CT	rs57127363	2	242259450	CT	C	1.20117	0.183952	0.0339503	3.97E-06
2:233834043_A_C	rs4490170	2	233834043	C	A	1.24681	0.219636	0.048477	3.98E-06
15:27095320_A_G	rs7403139	15	27095320	G	A	1.16387	0.151897	0.0328656	3.99E-06
15:27076709_T_C	rs8033763	15	27076709	C	T	1.17444	0.157226	0.0394664	4.00E-06
15:27076805_A_G	rs8029429	15	27076805	G	A	1.17458	0.157145	0.0339305	4.01E-06
17:67513003_C_A	rs1133228	17	67513003	A	C	1.16217	0.14958	0.0324206	4.01E-06
7:18298160_T_C	rs302194	7	18298160	C	T	0.856931	-0.151424	0.0329338	4.02E-06
15:27076422_C_G	rs8028177	15	27076422	G	C	1.17453	0.157124	0.0339326	4.02E-06
2:242397237_C_T	rs62190378	2	242397237	T	C	1.19953	0.184411	0.0396487	4.06E-06
10:115347261_AAATCT_A	rs112704342	10	115347261	A	AAATCT	1.16462	0.157026	0.0339758	4.10E-06
10:115347359_T_C	rs932650	10	115347359	C	T	1.16465	0.156896	0.0339632	4.14E-06
17:67513055_A_G	rs2251855	17	67513055	G	A	1.16182	0.14937	0.0324234	4.15E-06
10:115350597_G_A	rs1885434	10	115350597	A	G	1.16484	0.156455	0.0338795	4.17E-06
2:242345839_G_T	rs59488662	2	242345839	T	G	1.19544	0.182025	0.0392037	4.18E-06
16:8981955_G_A	rs118087957	16	8981955	A	G	1.33996	0.306958	0.0652406	4.20E-06
16:8982155_G_A	rs12149482	16	8982155	A	G	1.34014	0.306745	0.065207	4.22E-06
15:27067301_G_T	rs8025704	15	27067301	T	G	0.854354	-0.157576	0.0341137	4.23E-06
5:153626546_A_G	rs4475291	5	153626546	G	A	1.24606	0.226606	0.0502111	4.23E-06
7:57858249_G_A	rs181378569	7	57858249	A	G	2.00263	0.908711	0.186419	4.30E-06
21:33568800_T_A	rs142474869	21	33568800	A	T	0.742246	-0.291907	0.0653324	4.34E-06
16:26912715_C_T	rs144735139	16	26912715	T	C	1.90226	0.735899	0.152468	4.36E-06
8:11521830_C_T	rs115617198	8	11521830	T	C	3.13176	1.20158	0.250799	4.38E-06
15:27068295_TTA_T	rs10609499	15	27068295	T	TTA	0.854518	-0.157371	0.0341779	4.54E-06
6:45070045_C_T	rs112249042	6	45070045	T	C	0.318581	-1.93216	0.628338	4.56E-06
2:35876143_C_T	rs6726507	2	35876143	T	C	0.85701	-0.154199	0.0338071	4.57E-06
17:67512392_A_G	rs2521353	17	67512392	G	A	1.16024	0.148761	0.0324409	4.58E-06
17:67511869_T_A	rs2715824	17	67511869	A	T	1.16023	0.148756	0.0324409	4.58E-06
7:18298184_G_A	rs302193	7	18298184	A	G	0.857995	-0.150519	0.0329721	4.71E-06
17:67511928_C_G	rs2716209	17	67511928	G	C	1.16	0.148568	0.0324416	4.72E-06
7:57840911_A_G	rs187732600	7	57840911	G	A	1.99996	0.906512	0.18678	4.73E-06
21:33554987_G_A	rs9980733	21	33554987	A	G	0.742788	-0.292703	0.0658481	4.81E-06
21:33568114_T_G	rs141314415	21	33568114	G	T	0.742828	-0.290832	0.0653964	4.82E-06
21:33568238_G_A	rs112686169	21	33568238	A	G	0.742828	-0.290832	0.0653964	4.82E-06
21:33568423_G_A	rs74314745	21	33568423	A	G	0.742828	-0.290832	0.0653964	4.82E-06
21:33569347_TA_T	rs76664294	21	33569347	T	TA	0.742828	-0.290832	0.0653964	4.82E-06
21:33565610_G_A	rs79454212	21	33565610	A	G	0.742872	-0.29079	0.0653965	4.84E-06
17:65210385_T_TG	rs199581741	17	65210385	TG	T	0.866331	-0.154035	0.0337267	4.87E-06
15:27067253_C_G	rs8026802	15	27067253	G	C	0.854796	-0.156487	0.0340959	4.88E-06
7:18347657_A_C	rs636246	7	18347657	C	A	1.21476	0.1901	0.0411999	4.96E-06
17:76281727_T_C	rs6501189	17	76281727	C	T	1.62891	0.519795	0.121273	5.01E-06
16:8983735_T_A	rs117432821	16	8983735	A	T	1.33751	0.304132	0.0651965	5.05E-06
21:33556840_A_G	rs9975423	21	33556840	G	A	0.744526	-0.289263	0.0651893	5.06E-06
7:18334218_G_A	rs880519	7	18334218	A	G	1.21315	0.188807	0.0409745	5.07E-06
15:27076785_A_G	rs8029313	15	27076785	G	A	1.16951	0.154579	0.0337727	5.13E-06
7:18346866_A_G	rs606064	7	18346866	G	A	1.21443	0.189793	0.0411981	5.13E-06
2:233837569_T_C	rs10933418	2	233837569	C	T	1.24257	0.215149	0.0480165	5.16E-06
20:40731628_T_C	rs4812579	20	40731628	C	T	0.733048	-0.30448	0.0688769	5.18E-06
1:221438021_A_G	rs75192136	1	221438021	G	A	2.01973	0.757135	0.158055	5.19E-06

15:27087783_T_C	rs12900608	15	27087783	C	T	1.16066	0.152666	0.0334304	5.24E-06
21:41155904_C_T	rs77036971	21	41155904	T	C	1.3255	0.299401	0.0642657	5.27E-06
4:128104996_C_T	rs12649882	4	128104996	T	C	1.18288	0.171169	0.0379641	5.30E-06
21:33563555_A_G	rs16989132	21	33563555	G	A	0.744812	-0.289115	0.0653279	5.36E-06
1:103603691_G_A	rs7544745	1	103603691	A	G	0.854232	-0.161166	0.0356829	5.39E-06
10:115355328_A_G	rs11196391	10	115355328	G	A	1.26095	0.234858	0.0508413	5.43E-06
6:44730847_A_G	rs138990797	6	44730847	G	A	0.272907	-1.73095	0.512011	5.44E-06
19:15071363_A_G	rs62116197	19	15071363	G	A	1.2875	0.25876	0.0558991	5.46E-06
15:27091142_C_A	rs8038725	15	27091142	A	C	1.16125	0.149946	0.0329215	5.50E-06
19:15061216_G_A	rs12461006	19	15061216	A	G	1.27077	0.255142	0.0552246	5.65E-06
4:128096615_A_G	rs1471556	4	128096615	G	A	1.18223	0.170646	0.0379637	5.67E-06
2:111605907_C_T	rs78365764	2	111605907	T	C	0.364396	-2.06659	0.782926	5.69E-06
7:100841350_G_T	rs181633552	7	100841350	T	G	0.271804	-2.68041	1.00012	5.69E-06
4:128092678_CA_C	rs35465737	4	128092678	C	CA	1.18221	0.170574	0.0379547	5.69E-06
13:44912405_A_G	rs9590822	13	44912405	G	A	1.21911	0.200649	0.0437247	5.70E-06
1:103604251_T_C	rs10874688	1	103604251	C	T	0.85472	-0.16059	0.0356545	5.73E-06
21:33569949_C_T	rs77023223	21	33569949	T	C	0.744457	-0.28832	0.0653384	5.75E-06
19:15074448_A_G	rs12459441	19	15074448	G	A	1.28616	0.257733	0.0558191	5.76E-06
19:15073226_T_C	rs7247183	19	15073226	C	T	1.28615	0.25773	0.0558191	5.76E-06
17:76282011_AAG_A	rs111721444	17	76282011	A	AAG	1.62397	0.516858	0.121357	5.79E-06
2:35876095_T_A	rs6741579	2	35876095	A	T	0.858388	-0.151812	0.0336396	5.79E-06
17:76286163_T_TTGAGTGT	.	17	76286163	TTGAGTGT	T	1.61232	0.51725	0.121553	5.84E-06
19:15069191_C_A	rs55661666	19	15069191	A	C	1.28631	0.257316	0.0557724	5.85E-06
10:115347321_A_G	rs932651	10	115347321	G	A	1.16158	0.154777	0.0340413	5.86E-06
19:15070118_C_T	rs12462958	19	15070118	T	C	1.28626	0.257284	0.0557734	5.87E-06
2:233585319_G_T	rs11690474	2	233585319	T	G	1.16849	0.151349	0.0333139	5.87E-06
19:31078060_A_C	rs112250007	19	31078060	C	A	0.616216	-0.648414	0.157861	5.87E-06
7:18348897_A_T	rs638620	7	18348897	T	A	1.21292	0.189348	0.0413818	5.96E-06
2:35881791_G_A	rs13032055	2	35881791	A	G	0.858989	-0.152276	0.0337918	5.98E-06
2:35881799_G_A	rs13032063	2	35881799	A	G	0.858958	-0.152204	0.0337777	5.98E-06
17:76281772_A_G	rs6501190	17	76281772	G	A	1.62283	0.515818	0.121294	6.00E-06
21:33571012_G_A	rs79619584	21	33571012	A	G	0.74504	-0.289955	0.0658816	6.01E-06
7:57808177_A_G	rs145631325	7	57808177	G	A	1.99466	0.919886	0.191793	6.08E-06
6:14360081_T_C	rs76211197	6	14360081	C	T	0.577245	-0.560763	0.132354	6.08E-06
19:15079958_C_T	rs55975553	19	15079958	T	C	1.28339	0.257044	0.0558362	6.12E-06
19:15080794_CT_C	rs78920893	19	15080794	C	CT	1.28339	0.257044	0.0558362	6.12E-06
2:233646505_A_G	rs283484	2	233646505	G	A	1.16872	0.151152	0.0333348	6.13E-06
2:242172408_A_AGG	rs61604879	2	242172408	AGG	A	1.19665	0.181157	0.0396894	6.14E-06
7:18335683_G_A	rs587325	7	18335683	A	G	1.21165	0.187173	0.0409978	6.18E-06
21:33561436_G_A	rs112625730	21	33561436	A	G	0.746294	-0.286467	0.0651353	6.19E-06
21:33567354_A_C	rs76870836	21	33567354	C	A	0.745394	-0.289657	0.0659282	6.22E-06
8:145034852_G_A	rs11780978	8	145034852	A	G	1.15594	0.150005	0.0331504	6.24E-06
1:235173217_A_G	rs148029814	1	235173217	G	A	0.542279	-0.785367	0.195592	6.29E-06
7:57803037_G_A	rs573168992	7	57803037	A	G	2.09906	0.958117	0.200521	6.31E-06
5:167347414_T_A	rs561163505	5	167347414	A	T	3.11433	1.56452	0.338795	6.32E-06
7:18293221_C_T	rs302137	7	18293221	T	C	0.86048	-0.147422	0.0327071	6.36E-06
7:18348051_C_G	rs667764	7	18348051	C	G	1.21164	0.187726	0.0412079	6.51E-06
3:144517026_CATGTGCAG_C	rs57823456	3	144517026	C	CATGTGCA	1.17833	0.180285	0.0396276	6.51E-06
15:27107011_G_A	rs7166854	15	27107011	A	G	1.15834	0.150199	0.0332443	6.53E-06
21:33572907_G_A	rs140143017	21	33572907	A	G	0.746117	-0.286203	0.0652524	6.57E-06
17:67478836_TA_T	rs34180677	17	67478836	T	TA	1.15568	0.149925	0.0332522	6.71E-06
21:33559225_G_A	rs76717225	21	33559225	A	G	0.747088	-0.285597	0.0652045	6.75E-06
9:26729125_G_C	.	9	26729125	C	G	0.48687	-1.39815	0.401025	6.77E-06
17:67510249_TA_T	rs35309500	17	67510249	T	TA	1.15232	0.149866	0.0333126	6.77E-06
7:18343628_G_T	rs613852	7	18343628	T	G	1.21033	0.186473	0.0410123	6.78E-06
10:115347648_C_A	rs932653	10	115347648	A	C	1.16056	0.153199	0.0339392	6.82E-06
4:143255105_T_C	rs11724564	4	143255105	C	T	0.350303	-1.39241	0.393274	6.88E-06
16:8984129_G_A	rs188615461	16	8984129	A	G	1.338298	0.29953	0.0651715	6.89E-06
1:103593529_GGTGAAACCC(rs113661336)	.	1	103593529	G	GGTGAAAC	0.85332	-0.169819	0.0381424	6.90E-06
7:55771994_AG_A	.	7	55771994	A	AG	0.433094	-0.944823	0.239666	6.90E-06
10:9796700_G_T	rs7897226	10	9796700	T	G	0.813718	-0.210032	0.0474907	6.90E-06
7:18302558_GAGAA_G	rs139960951	7	18302558	G	GAGAA	0.860977	-0.14833	0.0330768	6.90E-06
7:89986488_A_C	rs116988229	7	89986488	C	A	1.32468	0.287768	0.0627594	6.91E-06
7:18336957_G_A	rs2791299	7	18336957	A	G	1.21042	0.186102	0.0409781	6.91E-06
15:27107488_T_C	rs28827910	15	27107488	C	T	1.15726	0.15012	0.0333268	6.96E-06
7:18348354_A_G	rs639424	7	18348354	G	A	1.212	0.193552	0.0425743	7.00E-06
8:63154144_A_G	rs62510086	8	63154144	G	A	0.593801	-0.576248	0.137938	7.00E-06
2:35877876_A_ATCCATAGAC(rs55774595)	.	2	35877876	ATCCATA	A	0.85925	-0.15094	0.0337506	7.02E-06
5:50328257_A_C	rs11960470	5	50328257	C	A	0.861472	-0.151127	0.033555	7.04E-06
4:39246732_AT_A	rs542146780	4	39246732	A	AT	1.23112	0.297357	0.0645378	7.05E-06
9:4604171_G_C	rs16921597	9	4604171	C	G	0.610317	-0.516383	0.121876	7.06E-06
7:18302581_G_A	rs73066378	7	18302581	A	G	0.861153	-0.148234	0.0330977	7.09E-06
4:128099002_C_A	rs2127818	4	128099002	A	C	1.18007	0.168989	0.0379892	7.09E-06
9:4602498_G_A	rs77773287	9	4602498	A	G	0.609955	-0.514303	0.121367	7.15E-06
21:33569419_T_C	rs79671176	21	33569419	C	T	0.747257	-0.283561	0.0648979	7.16E-06
7:18338003_C_T	rs581438	7	18338003	T	C	1.21005	0.185747	0.0409716	7.16E-06
19:15064356_C_T	rs62116195	19	15064356	T	C	1.28255	0.255539	0.0559239	7.18E-06
21:33574838_G_A	rs75063962	21	33574838	A	G	0.747029	-0.28506	0.0652658	7.20E-06
15:27107740_T_C	rs28602652	15	27107740	C	T	1.15695	0.150088	0.0333746	7.21E-06
7:18343723_T_C	rs614304	7	18343723	C	T	1.2094	0.185892	0.0410165	7.25E-06
8:145040567_C_G	rs6981529	8	145040567	G	C	1.1539	0.149246	0.0332298	7.32E-06
9:4605103_C_A	rs3739640	9	4605103	A	C	0.611064	-0.515939	0.121985	7.32E-06
16:8985092_T_C	rs148800930	16	8985092	C	T	1.33149	0.298704	0.0651778	7.33E-06
17:67482750_C_T	rs2715817	17	67482750	T	C	1.1575	0.145547	0.0325325	7.33E-06

2:35895206_C_T	rs6740603	2	35895206	T	C	0.860714	-0.15052	0.0337168	7.33E-06
7:18319294_G_A	rs28534513	7	18319294	A	G	0.862061	-0.147425	0.0329512	7.35E-06
2:35895239_A_G	rs28885383	2	35895239	G	A	0.86074	-0.150495	0.0337173	7.36E-06
17:67476929_A_T	rs1548441	17	67476929	T	A	1.15691	0.147613	0.0328847	7.36E-06
8:11534546_C_T	.	8	11534546	T	C	2.99746	1.16924	0.250359	7.39E-06
2:49664435_A_T	rs190277977	2	49664435	T	A	3.22397	1.54068	0.339238	7.45E-06
4:128098974_T_A	rs2127117	4	128098974	A	T	1.17919	0.168627	0.038004	7.49E-06
1:103596343_AT_A	rs61300515	1	103596343	A	AT	0.85665	-0.158966	0.0357712	7.63E-06
17:76279899_A_G	rs4789574	17	76279899	G	A	1.61417	0.508315	0.120784	7.69E-06
15:53806154_C_G	rs79708164	15	53806154	G	C	0.715487	-0.333232	0.077114	7.78E-06
7:18337519_A_T	rs605866	7	18337519	T	A	1.20811	0.183706	0.0406882	7.78E-06
7:18332931_CT_C	rs5882655	7	18332931	C	CT	1.16144	0.146771	0.03282	7.78E-06
10:115369094_G_C	rs72833761	10	115369094	C	G	1.25588	0.230613	0.0507939	7.79E-06
19:15075424_C_T	rs73928952	19	15075424	T	C	1.28086	0.253879	0.0558151	7.87E-06
2:152707614_G_A	rs16830418	2	152707614	A	G	1.33489	0.286173	0.0627238	7.87E-06
9:116929327_T_C	rs737142	9	116929327	C	T	1.17212	0.151827	0.0338495	7.89E-06
2:35867517_C_A	rs114070024	2	35867517	A	C	0.76741	-0.267722	0.0614989	7.89E-06
2:152706318_T_G	rs6433680	2	152706318	G	T	1.33373	0.286582	0.0628159	7.90E-06
19:15078288_G_T	rs62113274	19	15078288	T	G	1.28069	0.253729	0.0558116	7.95E-06
19:15078433_C_T	rs62113276	19	15078433	T	C	1.28069	0.253729	0.0558116	7.95E-06
2:152705927_T_A	rs77285017	2	152705927	A	T	1.33365	0.286461	0.0628144	7.96E-06
19:15066773_A_G	rs16980152	19	15066773	G	A	1.28147	0.25528	0.0561439	7.98E-06
2:233865302_G_C	rs7589867	2	233865302	C	G	1.23925	0.214077	0.0488016	8.03E-06
10:115346238_G_T	rs4918856	10	115346238	T	G	1.18583	0.1807	0.0401459	8.20E-06
19:8821513_A_G	rs146270384	19	8821513	G	A	0.49076	-1.3861	0.401777	8.21E-06
2:35894851_TATC_T	rs34553184	2	35894851	T	TATC	0.861473	-0.149664	0.0337201	8.28E-06
7:18325152_T_C	rs680437	7	18325152	C	T	1.20225	0.178968	0.0397992	8.35E-06
17:45301884_A_G	rs150104728	17	45301884	G	A	0.475302	-1.04183	0.287411	8.46E-06
2:35877839_G_A	rs1518622	2	35877839	A	G	0.860263	-0.148969	0.0336095	8.50E-06
7:53485818_C_A	rs78672248	7	53485818	A	C	0.384038	-1.37082	0.398612	8.50E-06
7:18337663_G_A	rs687748	7	18337663	A	G	1.20803	0.184206	0.0409721	8.51E-06
2:35895446_C_T	rs6740855	2	35895446	T	C	0.861661	-0.149371	0.0337061	8.55E-06
5:7654403_G_C	rs76299151	5	7654403	C	G	1.95194	0.702375	0.150912	8.56E-06
5:7654735_C_T	rs74553180	5	7654735	T	C	1.95194	0.702375	0.150912	8.56E-06
2:35895462_C_A	rs6740864	2	35895462	A	C	0.861679	-0.149359	0.0337071	8.57E-06
2:233853774_G_A	rs6717097	2	233853774	A	G	1.24116	0.21436	0.0490279	8.61E-06
9:4598116_C_G	rs3780410	9	4598116	G	C	0.621858	-0.516332	0.123285	8.66E-06
2:242165932_C_T	rs62187434	2	242165932	T	C	1.19315	0.179858	0.0400572	8.70E-06
8:21053843_T_C	rs111361451	8	21053843	C	T	1.39131	0.33257	0.0729373	8.74E-06
7:18348344_G_A	rs628095	7	18348344	A	G	1.20943	0.192018	0.0426888	8.76E-06
17:76271209_GT_G	rs11289714	17	76271209	G	GT	1.60762	0.50514	0.12072	8.76E-06
2:233859079_CAAAA_C	rs10591943	2	233859079	C	AAAA	1.24172	0.214233	0.0490486	8.79E-06
17:67496896_C_CA	rs36102273	17	67496896	CA	C	1.15711	0.146086	0.0328296	8.86E-06
11:90523785_C_A	rs4304731	11	90523785	A	C	0.866318	-0.14402	0.0324589	8.87E-06
2:233573469_G_T	rs7578299	2	233573469	T	G	1.16472	0.148652	0.0333749	8.89E-06
2:35876457_CCA_C	rs34571499	2	35876457	C	CCA	0.861792	-0.15163	0.034313	8.90E-06
2:233863424_T_C	rs1106208	2	233863424	C	T	1.23934	0.213308	0.0488868	8.98E-06
8:21054381_G_C	rs150118448	8	21054381	C	G	1.39183	0.328744	0.0722217	8.99E-06
7:18340427_A_G	rs612977	7	18340427	G	A	1.20319	0.1803	0.0402362	9.03E-06
15:27104467_A_G	rs8027170	15	27104467	G	A	1.15818	0.145585	0.0327345	9.08E-06
7:16009291_T_C	.	7	16009291	C	T	3.99516	1.52739	0.393973	9.08E-06
10:9798637_G_A	rs72775334	10	9798637	A	G	0.815887	-0.206656	0.0473351	9.11E-06
2:35887929_T_C	rs6745601	2	35887929	C	T	0.862051	-0.148725	0.033667	9.15E-06
7:18363059_A_G	rs4142170	7	18363059	G	A	0.861311	-0.144912	0.0326556	9.16E-06
16:85216202_A_G	rs11639785	16	85216202	G	A	0.829055	-0.203319	0.0465846	9.16E-06
17:76281091_C_T	rs2174886	17	76281091	T	C	1.60428	0.502997	0.120454	9.16E-06
1:234262223_A_G	rs72758230	1	234262223	G	A	0.861509	-0.153285	0.0347631	9.18E-06
2:233634085_A_G	rs33980184	2	233634085	G	A	1.16486	0.147795	0.033248	9.25E-06
1:4871206_C_A	rs145862516	1	4871206	A	C	0.30059	-8.09013	18.6157	9.27E-06
15:27081041_A_C	rs11161346	15	27081041	C	A	1.15913	0.146491	0.0329694	9.31E-06
7:18340210_A_G	rs708127	7	18340210	G	A	1.20289	0.179963	0.0402262	9.33E-06
2:242166212_C_T	rs62186360	2	242166212	T	C	1.19163	0.178243	0.0398522	9.38E-06
2:233864850_C_G	rs4973592	2	233864850	G	C	1.2383	0.212797	0.0488732	9.39E-06
2:242393795_G_A	rs2302012	2	242393795	A	G	1.15753	0.151992	0.0341917	9.42E-06
7:18389241_T_C	rs627060	7	18389241	C	T	1.19963	0.180223	0.0403029	9.43E-06
2:35878191_C_T	rs9308979	2	35878191	T	C	0.860899	-0.147728	0.0334966	9.45E-06
2:233581803_C_A	rs7591176	2	233581803	A	C	1.16471	0.14758	0.0332364	9.47E-06
2:35883094_A_AC	rs11381199	2	35883094	AC	A	0.861237	-0.148483	0.0336763	9.47E-06
10:133676019_G_A	rs78106725	10	133676019	A	G	0.263479	-2.81954	1.14425	9.50E-06
2:242167337_T_C	rs1064767	2	242167337	C	T	1.1913	0.178018	0.0398455	9.59E-06
2:233573698_G_C	rs35395584	2	233573698	C	G	1.16411	0.148019	0.0333571	9.60E-06
2:35878968_T_G	rs34632284	2	35878968	G	T	0.8611	-0.147901	0.0335681	9.62E-06
2:35877464_C_G	rs6731052	2	35877464	G	C	0.861001	-0.147511	0.0334802	9.65E-06
2:233640750_T_C	rs737028	2	233640750	C	T	1.16459	0.147539	0.0332578	9.65E-06
2:233582762_C_T	rs35212961	2	233582762	T	C	1.16458	0.147409	0.0332306	9.66E-06
2:35877977_C_T	rs1518623	2	35877977	T	C	0.861053	-0.147588	0.0335007	9.66E-06
2:233862659_T_C	rs6743851	2	233862659	C	T	1.23822	0.212357	0.0488451	9.69E-06
14:68982793_C_T	rs72727496	14	68982793	T	C	0.792764	-0.234166	0.0540927	9.72E-06
1:103590698_G_T	rs12126095	1	103590698	T	G	0.854849	-0.160532	0.036587	9.75E-06
2:233863591_T_C	rs1400348	2	233863591	C	T	1.23804	0.212326	0.0488558	9.77E-06
7:57883372_C_T	rs186935461	7	57883372	T	C	1.97138	0.887232	0.189346	9.82E-06
2:233862990_A_C	rs6760560	2	233862990	C	A	1.23794	0.21267	0.0489582	9.85E-06
13:44915989_T_C	rs79226704	13	44915989	C	T	1.20502	0.19099	0.0427518	9.88E-06
2:233862591_T_C	rs6437083	2	233862591	C	T	1.23792	0.212199	0.0488546	9.89E-06

2:35877495_A_T	rs4575699	2	35877495	T	A	0.861186	-0.147341	0.0334837	9.90E-06
2:233859981_G_A	rs111214647	2	233859981	A	G	1.23686	0.210981	0.0485625	9.91E-06
2:35876904_T_G	rs35504840	2	35876904	G	T	0.861284	-0.147437	0.0335161	9.96E-06
7:18331404_G_C	rs1030559	7	18331404	C	G	1.16026	0.14405	0.0326145	9.97E-06
17:76275155_C_T	rs11871875	17	76275155	T	C	1.60075	0.497385	0.119464	1.00E-05
17:76275320_G_T	rs9915173	17	76275320	T	G	1.60075	0.497385	0.119464	1.00E-05
7:100831799_C_T	rs185605738	7	100831799	T	C	0.259615	-2.63943	1.00044	1.01E-05
2:233854397_G_A	rs11885626	2	233854397	A	G	1.23844	0.211653	0.0487678	1.01E-05
2:35887813_G_C	rs1518643	2	35887813	C	G	0.862835	-0.148259	0.0337342	1.02E-05
5:172842243_CTATA_C	rs71657935	5	172842243	C	CTATA	1.16966	0.153315	0.0345796	1.02E-05
3:52868670_G_A	rs62255421	3	52868670	A	G	0.750645	-0.30361	0.0672482	1.02E-05
10:9794143_A_C	rs61841362	10	9794143	C	A	0.81691	-0.205359	0.0473005	1.02E-05
7:18364750_G_A	rs604804	7	18364750	A	G	1.20213	0.178779	0.0401501	1.03E-05
2:233862416_A_C	rs6437082	2	233862416	C	A	1.23745	0.211926	0.0448801	1.03E-05
7:18139843_C_G	rs61393039	7	18139843	G	C	1.21825	0.197856	0.0483269	1.03E-05
2:35881930_C_T	rs114258865	2	35881930	T	C	0.770002	-0.259495	0.0602934	1.03E-05
2:35894768_G_T	rs2888249	2	35894768	T	G	0.862907	-0.148299	0.0337765	1.03E-05
12:29628628_C_T	rs7302700	12	29628628	T	C	0.80795	-0.215417	0.0497124	1.04E-05
5:172835650_G_A	rs1169424	5	172835650	A	G	1.16918	0.153069	0.0336587	1.04E-05
5:172828792_G_A	rs12521247	5	172828792	A	G	1.1689	0.153997	0.0347719	1.04E-05
2:35887821_A_G	rs1518644	2	35887821	G	A	0.863012	-0.148072	0.0337364	1.04E-05
11:94932156_C_T	rs192479301	11	94932156	T	C	0.341094	-7.96885	18.3423	1.04E-05
2:35890508_C_A	rs13022466	2	35890508	A	C	0.862744	-0.147659	0.0336406	1.04E-05
16:9047651_T_C	rs534977154	16	9047651	C	T	1.30835	0.312362	0.0691072	1.04E-05
2:233574396_A_G	rs11692545	2	233574396	G	A	1.16313	0.147644	0.0334114	1.05E-05
2:35892929_G_A	rs10165183	2	35892929	A	G	0.862747	-0.147611	0.0336334	1.05E-05
16:9071715_G_A	rs117949605	16	9071715	A	G	1.31372	0.291024	0.064585	1.05E-05
2:35888189_A_G	rs6704808	2	35888189	G	A	0.862899	-0.147881	0.0337032	1.05E-05
8:145007187_G_A	rs11136336	8	145007187	A	G	1.15322	0.145765	0.0330298	1.05E-05
2:233751332_TA_T	rs11363151	2	233751332	T	TA	0.862229	-0.143526	0.0335662	1.05E-05
2:35880781_G_C	rs10206422	2	35880781	C	G	0.861989	-0.147602	0.0336533	1.06E-05
1:103404219_T_C	rs2376262	1	103404219	C	T	0.865738	-0.148029	0.0337589	1.06E-05
2:35881752_G_A	rs13031873	2	35881752	A	G	0.861821	-0.147333	0.0335957	1.06E-05
2:35884999_C_T	rs10185682	2	35884999	T	C	0.862236	-0.147678	0.0336737	1.06E-05
2:35885028_TA_A	rs10198299	2	35885028	A	T	0.862236	-0.147678	0.0336737	1.06E-05
10:9791787_C_G	rs34466536	10	9791787	G	C	0.815285	-0.206878	0.0477436	1.06E-05
2:35876875_T_C	rs34563721	2	35876875	C	T	0.861733	-0.146997	0.0335217	1.06E-05
2:233583050_C_G	rs6746294	2	233583050	G	C	1.16371	0.146724	0.0332353	1.07E-05
2:35887832_G_C	rs6730766	2	35887832	C	G	0.863114	-0.147831	0.0337165	1.07E-05
16:9071529_G_A	rs112853024	16	9071529	G	A	1.31327	0.290769	0.0645863	1.07E-05
2:35878989_C_T	rs2888218	2	35878989	T	C	0.861669	-0.146997	0.0335294	1.07E-05
2:233856349_A_G	rs4973061	2	233856349	G	A	1.23873	0.211549	0.0488794	1.07E-05
2:35883078_T_C	rs6712665	2	35883078	C	T	0.861905	-0.147344	0.0336159	1.07E-05
2:35879314_C_T	rs13423070	2	35879314	T	C	0.861875	-0.147106	0.0335608	1.07E-05
2:233705702_G_T	rs7587309	2	233705702	T	G	0.859464	-0.146922	0.0332896	1.07E-05
8:21054376_G_A	rs141661241	8	21054376	A	G	1.38944	0.326054	0.0722643	1.07E-05
2:35880778_G_C	rs10206421	2	35880778	C	G	0.862092	-0.14747	0.0336525	1.07E-05
17:76275051_G_A	rs4789569	17	76275051	A	G	1.59426	0.495687	0.119488	1.08E-05
16:9069909_C_T	rs192994376	16	9069909	T	C	1.31308	0.290594	0.0645864	1.08E-05
13:44911382_C_T	rs9595107	13	44911382	T	C	1.20839	0.189319	0.0425766	1.08E-05
19:15100625_GA_G	rs11761813	19	15100625	G	GA	1.24257	0.253897	0.0566522	1.08E-05
2:233633460_G_A	rs1801251	2	233633460	A	G	1.16359	0.146597	0.0332354	1.08E-05
2:233595314_T_TAA	rs556010540	2	233595314	TAA	T	1.16345	0.147293	0.0333945	1.09E-05
17:76274632_T_C	rs9909357	17	76274632	C	T	1.59848	0.495479	0.119476	1.09E-05
13:40806467_C_T	rs181438932	13	40806467	T	C	2.05378	0.823309	0.178159	1.10E-05
2:35884008_C_G	rs12465004	2	35884008	G	C	0.861911	-0.146921	0.0335626	1.10E-05
2:35893305_C_T	rs6754098	2	35893305	T	C	0.863137	-0.147324	0.0336529	1.10E-05
17:76274696_G_A	rs9908296	17	76274696	A	G	1.59755	0.499045	0.120528	1.10E-05
2:233635438_A_AT	rs59336151	2	233635438	AT	A	1.16336	0.146524	0.0332614	1.11E-05
7:18340698_GT_G	rs35318493	7	18340698	G	GT	1.20054	0.178241	0.0402014	1.12E-05
1:103600005_C_G	rs188337947	1	103600005	G	C	0.855861	-0.162857	0.037397	1.12E-05
1:103600006_T_G	rs192227935	1	103600006	G	T	0.855861	-0.162857	0.037397	1.12E-05
1:103600010_T_C	rs148203094	1	103600010	C	T	0.855861	-0.162857	0.037397	1.12E-05
6:117001819_C_A	rs28597079	6	117001819	A	C	0.822428	-0.236149	0.0550414	1.12E-05
2:35883871_G_A	rs12465025	2	35883871	A	G	0.862246	-0.146919	0.0335937	1.12E-05
2:35894296_G_A	rs1988984	2	35894296	A	G	0.863197	-0.147176	0.0336498	1.12E-05
15:27068287_ATT_A	rs10609498	15	27068287	A	ATT	0.858681	-0.154231	0.0349455	1.13E-05
15:27068291_C_T	rs532742975	15	27068291	T	C	0.858681	-0.154231	0.0349455	1.13E-05
2:242441760_C_T	rs35967683	2	242441760	T	C	1.15913	0.15026	0.0340963	1.13E-05
2:35879597_C_T	rs1518627	2	35879597	T	C	0.86223	-0.147037	0.0336335	1.13E-05
8:145039400_T_C	rs72695409	8	145039400	C	T	1.15065	0.145843	0.0331605	1.13E-05
5:172842337_A_G	rs56295436	5	172842337	G	A	1.16887	0.152183	0.0345077	1.13E-05
2:35883253_G_A	rs1518636	2	35883253	A	G	0.862124	-0.146578	0.0335323	1.13E-05
1:103631588_GT_G	rs58338995	1	103631588	G	GT	0.858911	-0.155308	0.0356187	1.13E-05
2:35874005_T_C	rs34595169	2	35874005	C	T	0.862587	-0.146553	0.0335267	1.14E-05
2:35880680_A_G	rs10182463	2	35880680	G	A	0.86209	-0.147018	0.0336453	1.14E-05
2:35889014_A_C	rs10865110	2	35889014	C	A	0.863419	-0.147429	0.033733	1.14E-05
8:21054282_TAC_T	rs201272252	8	21054282	T	TAC	1.40116	0.362978	0.0802993	1.14E-05
2:233853262_A_G	rs4973060	2	233853262	G	A	1.23694	0.210226	0.0487226	1.14E-05
15:27108313_C_A	rs28669123	15	27108313	A	C	1.1528	0.147311	0.0334905	1.14E-05
15:27067558_A_G	rs8027971	15	27067558	G	A	0.860508	-0.149365	0.033902	1.14E-05
9:4604813_T_C	rs75979646	9	4604813	C	T	0.617858	-0.505575	0.122048	1.14E-05
2:35887602_TA_T	rs5830386	2	35887602	T	TA	0.863174	-0.146901	0.0336132	1.14E-05
2:3588816_A_G	rs12466969	2	3588816	G	A	0.863364	-0.147075	0.0336542	1.14E-05

5:172845687_G_A	rs72820040	5	172845687	A	G	1.16941	0.152216	0.03453	1.14E-05
9:116935696_C_G	rs7023177	9	116935696	G	C	1.16857	0.150134	0.0340774	1.14E-05
8:145035398_C_CT	rs370018306	8	145035398	CT	C	1.14889	0.148531	0.0337763	1.14E-05
2:35888981_T_C	rs11124458	2	35888981	C	T	0.863626	-0.14746	0.0337524	1.14E-05
9:116935688_C_T	rs7023173	9	116935688	T	C	1.16855	0.15012	0.0340772	1.14E-05
7:18366273_G_T	rs621939	7	18366273	T	G	1.20116	0.177698	0.0401306	1.15E-05
2:35878753_C_G	rs2176578	2	35878753	G	C	0.862072	-0.146276	0.0334843	1.15E-05
17:45207968_C_T	rs11570551	17	45207968	T	C	0.487698	-1.07519	0.305227	1.15E-05
9:4600541_T_C	rs73383493	9	4600541	C	T	0.620605	-0.504638	0.121877	1.15E-05
17:76269051_T_C	rs9896784	17	76269051	C	T	1.69642	0.536144	0.130204	1.16E-05
2:35883945_G_A	rs12465037	2	35883945	A	G	0.86262	-0.146946	0.033656	1.16E-05
2:35877153_A_G	rs10171920	2	35877153	G	A	0.862136	-0.146159	0.0334698	1.16E-05
2:233727026_T_G	rs2675973	2	233727026	G	T	0.859827	-0.146279	0.0332713	1.16E-05
2:35879410_T_A	rs1518624	2	35879410	A	T	0.86243	-0.146426	0.0335407	1.16E-05
2:35890190_C_T	rs6741781	2	35890190	T	C	0.863442	-0.146823	0.0336339	1.17E-05
2:233582793_T_G	rs6761324	2	233582793	G	T	1.16303	0.146145	0.0332535	1.17E-05
1:103632361_A_G	rs6577362	1	103632361	G	A	0.859145	-0.155147	0.0356388	1.17E-05
2:233580505_T_C	rs6714245	2	233580505	C	T	1.16294	0.145984	0.033223	1.17E-05
2:35890813_A_G	rs989159	2	35890813	G	A	0.863472	-0.146785	0.0336332	1.17E-05
2:35875011_G_A	rs11684098	2	35875011	A	G	0.863165	-0.147285	0.0337559	1.17E-05
1:103644949_G_C	rs12144257	1	103644949	C	G	0.859134	-0.155042	0.0356205	1.17E-05
2:35854788_C_G	rs147641862	2	35854788	G	C	0.773323	-0.261424	0.0611925	1.18E-05
2:233644223_A_G	rs283486	2	233644223	G	A	1.16284	0.146083	0.0332532	1.18E-05
7:18371128_G_T	rs603173	7	18371128	T	G	1.20053	0.177869	0.0402236	1.18E-05
2:233615345_T_G	rs12474040	2	233615345	G	T	1.16256	0.146118	0.033265	1.18E-05
1:103621939_TTATTG_T	rs371863305	1	103621939	T	TTATTG	0.859227	-0.155652	0.0357757	1.18E-05
1:103621947_ATGAG_A	rs10554950	1	103621947	A	ATGAG	0.859227	-0.155652	0.0357757	1.18E-05
2:35889450_C_A	rs12329125	2	35889450	A	C	0.863515	-0.146735	0.0336332	1.18E-05
2:35854758_AACCTCTACCT	rs200215935	2	35854758	A	AACCTCTA	0.773456	-0.261382	0.0611994	1.18E-05
17:76273082_T_C	rs76273082	17	76273082	C	T	1.59663	0.495363	0.119927	1.18E-05
7:18098464_C_T	rs7784288	7	18098464	T	C	1.21191	0.188946	0.0426456	1.18E-05
2:233726772_G_T	rs2592102	2	233726772	T	G	0.859955	-0.146109	0.0332701	1.18E-05
2:233708066_A_G	rs7568385	2	233708066	G	A	0.859999	-0.146097	0.0332707	1.19E-05
16:9061999_C_T	rs142668318	16	9061999	T	C	1.30898	0.290429	0.0648447	1.19E-05
2:35891321_T_C	rs4510200	2	35891321	C	T	0.863561	-0.146688	0.0336342	1.19E-05
2:35862833_T_G	rs11687594	2	35862833	G	T	0.773658	-0.258312	0.0604349	1.19E-05
1:103636607_C_T	rs1358459	1	103636607	T	C	0.859242	-0.154949	0.0356231	1.19E-05
2:35872719_C_T	rs114214481	2	35872719	T	C	0.771228	-0.257943	0.0603451	1.19E-05
2:233726154_A_G	rs2675971	2	233726154	G	A	0.86004	-0.14607	0.0332723	1.19E-05
2:35884188_G_A	rs1518637	2	35884188	A	G	0.862435	-0.146111	0.035123	1.19E-05
10:9791834_A_G	rs12413970	10	9791834	G	A	0.816484	-0.205628	0.0477322	1.19E-05
15:27068282_AT_A	rs11301339	15	27068282	A	AT	0.859111	-0.15378	0.0349488	1.20E-05
11:90521800_G_A	rs10741375	11	90521800	A	G	0.868646	-0.142311	0.0325469	1.20E-05
2:233590007_A_G	rs6745879	2	233590007	G	A	1.1627	0.145964	0.0332537	1.20E-05
2:35880251_A_G	rs4580366	2	35880251	G	A	0.863076	-0.146926	0.0337101	1.20E-05
10:9791146_G_A	rs72775329	10	9791146	A	G	0.81634	-0.205605	0.0477369	1.20E-05
1:10363139_T_C	rs61815038	1	10363139	C	T	0.859294	-0.154859	0.0356164	1.20E-05
2:35881363_C_A	rs11694895	2	35881363	A	C	0.862553	-0.146421	0.0335947	1.20E-05
16:9066483_G_T	rs112672389	16	9066483	T	G	1.30922	0.290287	0.0648514	1.20E-05
2:35885530_A_G	rs12463508	2	35885530	G	A	0.862897	-0.146599	0.0336377	1.20E-05
1:103634064_T_A	rs12142969	1	103634064	A	T	0.859303	-0.154831	0.0356159	1.20E-05
16:9067503_G_A	rs112775481	16	9067503	A	G	1.31077	0.289441	0.0646871	1.21E-05
2:35884649_G_A	rs1518640	2	35884649	A	G	0.862584	-0.146157	0.033543	1.21E-05
17:67495963_G_A	rs2716214	17	67495963	A	G	1.15519	0.143567	0.0327611	1.21E-05
17:67477068_TAG_T	rs4020062	17	67477068	T	TAG	1.15253	0.144085	0.0328894	1.21E-05
17:67477071_A_C	rs1548442	17	67477071	C	A	1.15253	0.144085	0.0328894	1.21E-05
2:35891009_A_T	rs989161	2	35891009	T	A	0.863714	-0.146596	0.0336469	1.21E-05
2:233577038_G_A	rs7592717	2	233577038	A	G	1.16217	0.146257	0.0333439	1.21E-05
2:35884456_T_C	rs1518638	2	35884456	C	T	0.86259	-0.146043	0.033525	1.21E-05
2:233576015_G_A	rs6739638	2	233576015	A	G	1.16213	0.146273	0.0333501	1.22E-05
10:114347201_G_A	rs117012470	10	114347201	A	G	2.92383	1.23055	0.269657	1.22E-05
2:35891518_A_T	rs4605352	2	35891518	T	A	0.863693	-0.146515	0.0336375	1.22E-05
2:35877010_A_ACT	rs57617149	2	35877010	ACT	A	0.863117	-0.147567	0.0339102	1.23E-05
5:172845597_C_T	rs4867710	5	172845597	T	C	1.16886	0.151613	0.0345193	1.23E-05
18:47880511_G_A	rs547180176	18	47880511	A	G	2.56226	0.964336	0.210555	1.23E-05
2:35882739_T_C	rs1401224	2	35882739	C	T	0.86264	-0.145881	0.0335161	1.24E-05
16:9035467_C_T	rs141361914	16	9035467	T	C	1.3183	0.285824	0.0640322	1.24E-05
8:21053877_T_A	rs111682894	8	21053877	A	T	1.38462	0.329721	0.0735684	1.24E-05
2:35895743_G_T	rs6741417	2	35895743	T	G	0.863948	-0.146982	0.0337761	1.24E-05
2:35881972_T_C	rs28624105	2	35881972	C	T	0.862664	-0.145832	0.0335115	1.24E-05
4:24696470_G_A	rs114256857	4	24696470	A	G	2.73166	1.0939	0.238839	1.24E-05
2:35884639_T_C	rs1518639	2	35884639	C	T	0.862741	-0.145916	0.0335332	1.24E-05
2:233633736_A_G	rs1044480	2	233633736	G	A	1.16242	0.145629	0.0332398	1.24E-05
2:35882670_G_A	rs1401223	2	35882670	A	G	0.862691	-0.14584	0.0335167	1.24E-05
2:35882084_A_G	rs28367878	2	35882084	G	A	0.862673	-0.145787	0.033507	1.25E-05
2:35896017_T_C	rs6756825	2	35896017	C	T	0.863882	-0.146387	0.0336434	1.25E-05
8:21054011_A_G	rs148614229	8	21054011	G	A	1.3821	0.323619	0.0722676	1.25E-05
2:233859620_C_T	rs9678397	2	233859620	T	C	1.23607	0.208654	0.0485707	1.25E-05
2:35883022_T_C	rs1518635	2	35883022	C	T	0.862699	-0.145809	0.0335179	1.25E-05
2:233724536_A_G	rs7589201	2	233724536	G	A	0.86044	-0.145742	0.0332754	1.25E-05
2:233635388_A_C	rs56777991	2	233635388	C	A	1.16236	0.145581	0.0332393	1.25E-05
2:35892989_T_G	rs6708680	2	35892989	G	T	0.8639	-0.146369	0.0336464	1.25E-05
2:35888201_T_C	rs6748789	2	35888201	C	T	0.864201	-0.147111	0.0338232	1.25E-05
2:233706847_A_G	rs10933411	2	233706847	G	A	0.860313	-0.145709	0.0332704	1.25E-05



2:35888862_T_C	rs11124457	2	35888862	C	T	0.86396	-0.146348	0.0336498	1.26E-05
2:233639309_T_C	rs1446308	2	233639309	C	T	1.16215	0.14569	0.0332726	1.26E-05
2:242171690_C_CT	rs547329248	2	242171690	CT	C	1.16482	0.163976	0.037305	1.26E-05
2:35880236_C_T	rs4473362	2	35880236	T	C	0.863466	-0.146596	0.0337243	1.26E-05
7:18338350_G_A	rs582937	7	18338350	A	G	1.19938	0.177286	0.0402349	1.27E-05
2:233718808_G_A	rs2044449	2	233718808	A	G	0.860475	-0.145637	0.0332758	1.27E-05
9:31238492_C_G	rs538416746	9	31238492	G	C	1.91852	0.694313	0.15215	1.27E-05
1:103640335_G_C	rs1852655	1	103640335	C	G	0.859649	-0.154393	0.0356114	1.27E-05
7:18096992_G_A	rs77021210	7	18096992	A	G	1.20105	0.177433	0.0402554	1.27E-05
2:35881563_C_G	rs74177057	2	35881563	G	C	0.863027	-0.148179	0.034117	1.27E-05
2:35880955_A_T	rs1439696	2	35880955	T	A	0.862851	-0.14592	0.0335797	1.27E-05
17:67497563_T_G	rs2716213	17	67497563	G	T	1.15553	0.142812	0.0326734	1.27E-05
2:35882236_G_A	rs1518634	2	35882236	A	G	0.86284	-0.145621	0.03351	1.28E-05
2:35890884_A_T	rs9891160	2	35890884	T	A	0.864043	-0.146172	0.0336357	1.28E-05
2:35894748_C_T	rs1518645	2	35894748	T	C	0.864325	-0.1467	0.0337661	1.28E-05
2:35879466_A_G	rs1518625	2	35879466	G	A	0.863222	-0.146183	0.0336513	1.28E-05
2:35893932_G_A	rs6543965	2	35893932	A	G	0.864027	-0.146177	0.0336448	1.28E-05
2:35892350_G_A	rs11124461	2	35892350	A	G	0.864068	-0.146142	0.0336378	1.28E-05
2:233708806_A_G	rs3816334	2	233708806	G	A	0.860491	-0.145525	0.0332725	1.29E-05
8:145008342_C_A	rs11782331	8	145008342	A	C	1.15178	0.144023	0.032958	1.29E-05
1:103643990_G_C	rs11810850	1	103643990	C	G	0.859737	-0.154292	0.0356086	1.29E-05
1:103646356_G_C	rs56335123	1	103646356	C	G	0.859737	-0.154292	0.0356086	1.29E-05
1:103649790_A_C	rs10399857	1	103649790	C	A	0.859799	-0.154406	0.0356396	1.29E-05
2:233707226_G_C	rs10933412	2	233707226	C	G	0.860515	-0.145497	0.0332691	1.29E-05
2:35893545_G_A	rs6754544	2	35893545	A	G	0.86407	-0.146516	0.033735	1.29E-05
2:233725483_C_A	rs895430	2	233725483	A	C	0.860537	-0.145537	0.0332821	1.29E-05
2:35879516_T_C	rs1518626	2	35879516	C	T	0.863209	-0.146037	0.0336318	1.29E-05
2:35892826_A_G	rs10188580	2	35892826	G	A	0.864132	-0.146117	0.0336445	1.29E-05
1:103595574_C_T	rs6658609	1	103595574	T	C	0.856516	-0.15802	0.0365175	1.29E-05
2:233727071_C_T	rs2675974	2	233727071	T	C	0.86061	-0.145453	0.0332714	1.30E-05
2:233584109_C_T	rs13003675	2	233584109	T	C	1.16204	0.145366	0.0332522	1.30E-05
2:233629386_A_G	rs10933409	2	233629386	G	A	1.16199	0.145422	0.0332647	1.30E-05
8:145007989_A_G	rs11136337	8	145007989	G	A	1.15163	0.143993	0.0329683	1.30E-05
2:35877187_T_C	rs6745663	2	35877187	C	T	0.862851	-0.145306	0.0334678	1.30E-05
2:233627012_G_C	rs4452130	2	233627012	C	G	1.16206	0.145344	0.0332518	1.30E-05
2:35887382_T_TA	rs5830385	2	35887382	TA	T	0.863416	-0.14602	0.0336377	1.30E-05
2:233612996_A_G	rs13011298	2	233612996	G	A	1.16202	0.14539	0.033264	1.30E-05
21:33575494_G_GA	rs547144018	21	33575494	GA	G	0.752326	-0.282101	0.0665389	1.30E-05
2:233612557_C_T	rs3817311	2	233612557	T	C	1.16205	0.145328	0.0332529	1.31E-05
17:67477107_G_T	rs1548444	17	67477107	T	G	1.15295	0.142916	0.0327415	1.31E-05
7:18229135_G_T	rs17138751	7	18229135	T	G	1.1855	0.16803	0.0382372	1.31E-05
2:233585327_C_T	rs9679089	2	233585327	T	C	1.16197	0.145305	0.033252	1.31E-05
2:35871826_G_T	rs1401234	2	35871826	T	G	0.863845	-0.147362	0.0339687	1.31E-05
2:233588474_C_T	rs112133824	2	233588474	T	C	1.16197	0.145305	0.033252	1.31E-05
2:233588172_G_A	rs35285732	2	233588172	A	G	1.16195	0.14529	0.0332522	1.31E-05
10:9696881_T_C	rs11256291	10	9696881	C	T	0.818014	-0.202509	0.0472128	1.31E-05
1:103639869_AT_A	rs5776680	1	103639869	A	AT	0.860017	-0.154358	0.0356627	1.31E-05
2:233707611_C_T	rs12694917	2	233707611	T	C	0.86075	-0.145434	0.0332907	1.32E-05
2:233629552_T_C	rs6748027	2	233629552	C	T	1.16197	0.145219	0.0332424	1.32E-05
20:53584825_G_A	rs4811560	20	53584825	A	G	0.772401	-0.266324	0.0626861	1.32E-05
2:35882583_A_G	rs1401221	2	35882583	G	A	0.863093	-0.145401	0.0335168	1.32E-05
2:35884353_A_AT	rs35689755	2	35884353	AT	A	0.863389	-0.145903	0.0336377	1.32E-05
2:35876465_C_G	rs12472938	2	35876465	G	C	0.863067	-0.145443	0.0335289	1.32E-05
2:35892526_G_A	rs12463510	2	35892526	A	G	0.864598	-0.147806	0.0340878	1.32E-05
2:35882884_G_C	rs6751843	2	35882884	C	G	0.863084	-0.145392	0.0335165	1.32E-05
2:35885807_C_T	rs10188938	2	35885807	T	C	0.863559	-0.146004	0.0336616	1.32E-05
2:35885380_C_CAA	rs3074683	2	35885380	CAA	C	0.863566	-0.146195	0.0337121	1.33E-05
14:68983160_G_A	rs1547938	14	68983160	A	G	0.794118	-0.233612	0.0548013	1.33E-05
2:35884899_C_T	rs1518641	2	35884899	T	C	0.863521	-0.145904	0.0336438	1.33E-05
2:35891910_T_G	rs1992289	2	35891910	G	T	0.864319	-0.145985	0.033663	1.33E-05
4:128069769_T_G	rs10518510	4	128069769	G	T	1.17189	0.161609	0.0374347	1.33E-05
1:103639442_C_T	rs6701783	1	103639442	T	C	0.860018	-0.154114	0.0356336	1.33E-05
5:172829890_G_A	rs112172459	5	172829890	A	G	1.16671	0.151569	0.0346534	1.33E-05
9:18834036_T_C	rs4497057	9	18834036	C	T	0.698066	-0.362764	0.0866878	1.34E-05
1:103650345_G_C	rs11164716	1	103650345	C	G	0.860041	-0.154021	0.0356231	1.34E-05
8:145010752_C_T	rs11784417	8	145010752	T	C	1.15146	0.143646	0.0329432	1.34E-05
2:35871512_G_T	rs77528072	2	35871512	T	G	0.772459	-0.258141	0.0607797	1.34E-05
2:233621834_A_G	rs36007169	2	233621834	G	A	1.16184	0.145066	0.0332426	1.34E-05
2:233623111_T_C	rs13021246	2	233623111	C	T	1.16184	0.145064	0.0332426	1.34E-05
2:233617585_C_G	rs12990821	2	233617585	G	C	1.16186	0.145083	0.0332474	1.35E-05
2:35885139_A_G	rs2372013	2	35885139	G	A	0.863578	-0.14574	0.0336302	1.35E-05
10:9771699_A_G	rs17146343	10	9771699	G	A	0.819104	-0.202149	0.0471938	1.35E-05
2:35886331_A_G	rs6754294	2	35886331	G	A	0.863608	-0.145705	0.0336274	1.35E-05
8:145008443_A_T	rs11783772	8	145008443	T	A	1.15143	0.143357	0.0329389	1.35E-05
21:28601676_A_G	rs572517959	21	28601676	G	A	2.77408	1.28942	0.282738	1.35E-05
8:145007947_G_A	rs6989119	8	145007947	A	G	1.15137	0.143709	0.0329718	1.35E-05
2:233679644_C_T	rs1867778	2	233679644	T	C	0.860839	-0.145293	0.0333074	1.35E-05
2:35873812_G_A	rs10200703	2	35873812	A	G	0.86381	-0.14525	0.0335213	1.36E-05
7:151925099_G_A	rs62481496	7	151925099	A	G	0.608289	-0.990802	0.275275	1.36E-05
8:119681703_CT_C	.	8	119681703	C	CT	0.462178	-1.33679	0.395689	1.36E-05
2:233624363_A_G	rs35085837	2	233624363	G	A	1.16171	0.144999	0.0332436	1.36E-05
2:35887053_T_C	rs12477150	2	35887053	C	T	0.863677	-0.1457	0.0336362	1.36E-05
16:70714393_A_G	rs78937371	16	70714393	G	A	1.75385	0.594194	0.131001	1.36E-05
2:35884103_G_A	rs2165166	2	35884103	A	G	0.863284	-0.145309	0.0335512	1.36E-05

2:233670380_A_C	rs9653383	2	233670380	C	A	0.86091	-0.14509	0.0332743	1.37E-05
5:172844786_A_G	rs72820039	5	172844786	G	A	1.1678	0.15123	0.0346126	1.37E-05
11:90522401_T_A	rs7939348	11	90522401	A	T	0.869364	-0.141112	0.0324858	1.37E-05
1:103603792_A_C	rs7534696	1	103603792	C	A	0.856971	-0.157214	0.0364275	1.37E-05
2:233612656_C_T	rs1161616	2	233612656	T	C	1.16161	0.144921	0.0332475	1.38E-05
2:233612845_A_G	rs35362030	2	233612845	G	A	1.16161	0.14492	0.0332475	1.38E-05
1:103594765_C_T	rs56350510	1	103594765	T	C	0.856971	-0.157015	0.0363915	1.38E-05
2:35880364_T_C	rs4325726	2	35880364	C	T	0.863497	-0.145382	0.0335887	1.38E-05
7:18226208_G_T	rs17138744	7	18226208	T	G	1.18488	0.16758	0.0382396	1.38E-05
7:18371268_A_G	rs602349	7	18371268	G	A	1.1981	0.175217	0.0399452	1.38E-05
17:76271466_A_G	rs4239003	17	76271466	G	A	1.59454	0.495181	0.120851	1.38E-05
8:94270627_C_T	rs78189084	8	94270627	T	C	0.622591	-0.511833	0.125357	1.38E-05
2:233711381_ATG_A	rs5839450	2	233711381	A	ATG	0.861048	-0.145017	0.0332817	1.38E-05
16:9005924_T_C	rs79430602	16	9005924	C	T	1.31783	0.284482	0.0641212	1.39E-05
2:35892729_G_C	rs10164977	2	35892729	C	G	0.864568	-0.14564	0.0336509	1.39E-05
2:35892603_A_C	rs10188380	2	35892603	C	A	0.864589	-0.145619	0.0336475	1.39E-05
2:35891391_T_C	rs4510201	2	35891391	C	T	0.864715	-0.145666	0.0336579	1.39E-05
2:233735709_G_A	rs2592116	2	233735709	A	G	0.863534	-0.141027	0.0324325	1.39E-05
8:122961848_A_G	rs13280903	8	122961848	G	A	0.880761	-0.162968	0.0376954	1.39E-05
2:35884110_ATAAT_A	rs139604959	2	35884110	A	ATAAT	0.864514	-0.147172	0.0340306	1.39E-05
2:233619131_A_G	rs71421663	2	233619131	G	A	1.16153	0.144815	0.0332422	1.39E-05
7:18105914_G_A	rs80302349	7	18105914	A	G	1.19989	0.176911	0.040323	1.39E-05
1:103622477_A_G	rs7515978	1	103622477	G	A	0.861094	-0.154064	0.0356956	1.39E-05
2:35880151_C_T	rs4473361	2	35880151	T	C	0.863473	-0.145021	0.0335183	1.39E-05
8:145008560_A_G	rs11783799	8	145008560	G	A	1.15118	0.143347	0.032937	1.39E-05
1:103594882_G_A	rs59026756	1	103594882	A	G	0.857617	-0.156836	0.0336698	1.39E-05
2:233721455_G_A	rs1947105	2	233721455	A	G	0.861092	-0.144861	0.0332667	1.40E-05
11:90521749_C_T	rs10741374	11	90521749	T	C	0.869575	-0.141107	0.0325286	1.40E-05
1:194863158_GT_G	rs33925644	1	194863158	G	GT	0.817646	-0.22558	0.0530365	1.41E-05
8:145040108_T_C	rs6993022	8	145040108	C	T	1.14883	0.144245	0.0331628	1.41E-05
2:35879880_A_C	rs4456683	2	35879880	C	A	0.863612	-0.144863	0.0335062	1.42E-05
2:35891962_C_G	rs10865111	2	35891962	G	C	0.86475	-0.145513	0.0336575	1.42E-05
8:21048466_C_G	rs112191240	8	21048466	G	C	1.38014	0.321075	0.0721692	1.42E-05
7:18101038_A_G	rs75568585	7	18101038	G	A	1.19851	0.176189	0.0402008	1.42E-05
8:145037573_T_A	rs11783655	8	145037573	A	T	1.14847	0.144305	0.0331923	1.42E-05
2:35875670_T_G	rs34503971	2	35875670	G	T	0.863921	-0.144717	0.0334786	1.42E-05
2:233592341_A_C	rs6733151	2	233592341	C	A	1.1611	0.144926	0.0333016	1.42E-05
1:163658339_T_C	rs182489506	1	163658339	C	T	2.14789	0.957186	0.207801	1.42E-05
2:35892480_A_G	rs12471478	2	35892480	G	A	0.865455	-0.147771	0.0342107	1.42E-05
1:103584570_T_C	rs11802357	1	103584570	C	T	0.857089	-0.156826	0.0364102	1.42E-05
17:76275094_G_C	rs4789570	17	76275094	C	G	1.58942	0.494354	0.120911	1.43E-05
10:9695922_C_T	rs11256290	10	9695922	T	C	0.818633	-0.201484	0.047173	1.43E-05
9:31142783_AT_A	rs573784430	9	31142783	A	AT	1.88319	0.745888	0.163422	1.44E-05
2:35887275_A_C	rs11124456	2	35887275	C	A	0.864114	-0.145369	0.0336572	1.44E-05
1:103593984_G_T	rs61814977	1	103593984	T	G	0.857127	-0.156831	0.0364355	1.44E-05
2:233669553_C_T	rs2592113	2	233669553	T	C	1.16103	0.144664	0.0332686	1.44E-05
2:35876835_CAA_C	rs60953926	2	35876835	C	CAA	0.863849	-0.144715	0.0335041	1.44E-05
2:35887167_A_G	rs12465618	2	35887167	G	A	0.864091	-0.145251	0.0336346	1.44E-05
18:53712318_G_A	rs550660680	18	53712318	A	G	2.4669	0.964199	0.211732	1.44E-05
2:233733144_G_A	rs709933	2	233733144	A	G	0.863478	-0.140611	0.0324054	1.45E-05
2:35892502_T_A	rs12467669	2	35892502	A	T	0.864899	-0.14534	0.033656	1.45E-05
2:35892503_C_T	rs12463446	2	35892503	T	C	0.864899	-0.14534	0.033656	1.45E-05
2:233670725_G_G	rs34222655	2	233670725	GT	G	0.861284	-0.144634	0.0332687	1.45E-05
2:233711046_A_G	rs991873	2	233711046	G	A	0.861308	-0.144652	0.0332745	1.45E-05
19:15081522_CA_C	rs57486120	19	15081522	C	CA	1.25129	0.23813	0.0540356	1.45E-05
2:233608901_T_C	rs11687128	2	233608901	C	T	1.16115	0.144542	0.0332494	1.45E-05
2:35887110_A_G	rs12465588	2	35887110	G	A	0.864117	-0.145219	0.0336346	1.45E-05
2:233700379_A_G	rs7558609	2	233700379	G	A	0.861311	-0.144629	0.0332714	1.45E-05
2:35874638_T_A	rs12474951	2	35874638	A	T	0.864003	-0.144629	0.0334945	1.45E-05
2:233606580_A_G	rs7562712	2	233606580	G	A	1.16114	0.144534	0.0332494	1.45E-05
9:18804343_G_A	rs1469745	9	18804343	A	G	0.757216	-0.287667	0.0682571	1.45E-05
2:233606740_T_C	rs760690	2	233606740	C	T	1.16097	0.144617	0.0332702	1.45E-05
8:21064646_G_A	rs112436137	8	21064646	A	G	1.37268	0.309561	0.0697757	1.45E-05
2:233705071_G_A	rs1446311	2	233705071	A	G	0.86133	-0.144603	0.0332712	1.46E-05
2:233648398_TTTTG_T	rs57123102	2	233648398	T	TTTTG	1.16218	0.145572	0.0334769	1.46E-05
9:116934860_C_T	rs12552028	9	116934860	T	C	1.16654	0.148036	0.0340137	1.46E-05
2:35873666_T_C	rs6751470	2	35873666	C	T	0.864387	-0.144872	0.0335593	1.46E-05
20:53580465_G_A	rs2870377	20	53580465	A	G	0.773808	-0.260862	0.0616793	1.46E-05
1:239347360_A_AT	rs552876057	1	239347360	AT	A	0.36834	-7.37757	17.2439	1.46E-05
2:35878630_A_G	rs11888660	2	35878630	G	A	0.864125	-0.144172	0.0334033	1.46E-05
2:35874458_A_C	rs12478650	2	35874458	C	A	0.864285	-0.144656	0.0335246	1.47E-05
7:18095821_T_C	rs10275615	7	18095821	C	T	1.19903	0.175818	0.0401948	1.47E-05
1:98561532_C_T	rs553834810	1	98561532	T	C	3.1251	1.7087	0.385953	1.48E-05
2:35873000_A_G	rs11124454	2	35873000	G	A	0.773917	-0.254657	0.0601959	1.48E-05
2:35895154_T_C	rs12996272	2	35895154	C	T	0.867523	-0.145274	0.033666	1.48E-05
12:9819378_T_A	ss138810556	12	9819378	A	T	1.93722	0.725227	0.159654	1.48E-05
2:233577330_G_A	rs1022330	2	233577330	A	G	1.16048	0.14476	0.0333324	1.48E-05
2:35858567_A_G	rs182077230	2	35858567	G	A	0.775686	-0.254949	0.0602919	1.48E-05
10:9773954_G_T	rs7275313	10	9773954	T	G	0.819837	-0.201248	0.0472011	1.48E-05
8:94259189_A_T	rs56229931	8	94259189	T	A	0.622118	-0.503147	0.12345	1.48E-05
2:233733352_A_G	rs709934	2	233733352	G	A	0.863664	-0.140447	0.0324093	1.48E-05
2:152704730_G_A	rs57389554	2	152704730	A	G	1.32573	0.281252	0.0636054	1.48E-05
2:233834158_C_CCCIT	rs543089950	2	233834158	CCCTT	C	1.19602	0.192093	0.0450074	1.49E-05
2:233710713_G_C	rs4973054	2	233710713	C	G	0.861528	-0.144479	0.0332793	1.49E-05

2:35880182_A_G	rs4477895	2	35880182	G	A	0.863964	-0.144598	0.0335339	1.49E-05
1:103595921_G_A	rs12125839	1	103595921	A	G	0.857399	-0.156533	0.0364259	1.49E-05
7:18378082_T_A	rs683693	7	18378082	A	T	1.19715	0.17658	0.0404036	1.49E-05
2:233734083_G_A	rs778340	2	233734083	A	G	0.863711	-0.140405	0.0324084	1.49E-05
2:233861140_G_C	rs7574722	2	233861140	C	G	1.23368	0.206684	0.0485383	1.49E-05
11:90528578_A_T	rs2213086	11	90528578	T	A	0.870055	-0.140894	0.0325848	1.49E-05
7:18348176_C_T	rs638521	7	18348176	T	C	1.20332	0.182853	0.0417938	1.49E-05
1:103600560_G_A	rs61814998	1	103600560	A	G	0.857396	-0.156597	0.0364484	1.50E-05
2:233593660_T_G	rs6724117	2	233593660	G	T	1.16086	0.14431	0.0332518	1.50E-05
2:233731244_G_C	rs809639	2	233731244	C	G	0.863809	-0.140369	0.0324108	1.50E-05
2:233598340_C_T	rs12478564	2	233598340	T	C	1.16086	0.144293	0.0332502	1.50E-05
1:103590917_G_A	rs12126147	1	103590917	A	G	0.857442	-0.15658	0.0364511	1.50E-05
2:152719815_G_A	rs7570479	2	152719815	A	G	1.32689	0.280464	0.0634755	1.50E-05
16:9068730_A_G	rs11075068	16	9068730	G	A	1.30873	0.288023	0.0650842	1.50E-05
1:103592883_G_A	rs1337171	1	103592883	A	G	0.857541	-0.156435	0.0364176	1.50E-05
2:35891226_G_A	rs2372016	2	35891226	A	G	0.865467	-0.145331	0.0337178	1.50E-05
1:103591909_A_C	rs1572516	1	103591909	C	A	0.857525	-0.156436	0.0364226	1.51E-05
14:25053702_C_T	rs562630289	14	25053702	T	C	0.434823	-0.977152	0.262395	1.51E-05
1:103599968_G_C	rs76597486	1	103599968	C	G	0.857651	-0.156417	0.0364188	1.51E-05
2:233573629_A_G	rs13424351	2	233573629	G	A	1.16008	0.144642	0.0333391	1.51E-05
2:233566679_G_A	rs13007783	2	233566679	A	G	1.15972	0.145136	0.0334557	1.51E-05
14:73426865_AT_A	rs35165982	14	73426865	A	AT	0.864839	-0.153367	0.0356685	1.51E-05
17:78457156_G_T	rs9895779	17	78457156	T	G	0.870888	-0.143899	0.0332149	1.51E-05
2:40292000_C_T	rs72791063	2	40292000	T	C	1.34692	0.296766	0.0670592	1.52E-05
7:133284812_G_C	rs138219039	7	133284812	C	G	0.455289	-0.871357	0.230188	1.52E-05
2:233596592_T_TA	rs35550286	2	233596592	TA	T	1.16073	0.144329	0.0332755	1.52E-05
16:9040417_T_C	rs75095558	16	9040417	C	T	1.3142	0.283375	0.0641679	1.52E-05
8:94258855_C_T	rs57659676	8	94258855	T	C	0.624447	-0.499622	0.122675	1.52E-05
2:233571033_A_G	rs6747645	2	233571033	G	A	1.15971	0.144743	0.0333777	1.52E-05
1:103596671_AT_A	rs5903707	1	103596671	A	AT	0.857565	-0.15631	0.0364151	1.52E-05
1:103595309_C_A	rs6577358	1	103595309	A	C	0.857662	-0.156328	0.0364205	1.53E-05
9:18807882_T_C	rs55921006	9	18807882	C	T	0.698783	-0.372388	0.0898325	1.53E-05
2:233578337_T_C	rs4517962	2	233578337	C	T	1.16104	0.143702	0.0331458	1.53E-05
2:233720765_C_A	rs4973056	2	233720765	A	C	0.862233	-0.144267	0.03328	1.53E-05
2:242203220_T_C	rs3755324	2	242203220	C	T	1.14971	0.141845	0.0327396	1.53E-05
1:103585738_A_G	rs11164676	1	103585738	G	A	0.857634	-0.15674	0.0365292	1.53E-05
2:35873770_A_G	rs10176952	2	35873770	G	A	0.864616	-0.144381	0.035291	1.53E-05
2:233600606_A_G	rs13013142	2	233600606	G	A	1.16082	0.144344	0.0332964	1.53E-05
7:18348173_G_A	rs638519	7	18348173	A	G	1.20299	0.182578	0.0417914	1.54E-05
4:128072800_C_T	rs1026824	4	128072800	T	C	1.17408	0.164096	0.0383164	1.54E-05
19:55935503_A_T	rs12151157	19	55935503	T	A	1.20623	0.206087	0.0470369	1.54E-05
2:233602293_A_G	rs66549961	2	233602293	G	A	1.16057	0.1441	0.0332571	1.55E-05
8:21048724_A_G	rs566903484	8	21048724	G	A	1.38319	0.329557	0.0743262	1.55E-05
2:23362066_A_G	rs12987513	2	23362066	G	A	1.16057	0.143996	0.0332391	1.55E-05
2:233584557_A_T	rs13004406	2	233584557	T	A	1.16037	0.144256	0.0332997	1.55E-05
2:35874881_A_G	rs11124455	2	35874881	G	A	0.864313	-0.144094	0.0334877	1.55E-05
2:242281949_AT_A	rs548033372	2	242281949	A	AT	1.18145	0.169893	0.0389987	1.56E-05
2:35870302_A_G	rs115617605	2	35870302	G	A	0.774186	-0.253915	0.0601825	1.56E-05
21:33611264_A_C	rs74781253	21	33611264	C	A	0.720184	-0.330155	0.0791601	1.56E-05
19:15074185_G_A	rs12460957	19	15074185	A	G	1.25734	0.236232	0.0538	1.56E-05
15:27080537_A_G	rs11853653	15	27080537	G	A	1.1546	0.142679	0.0329521	1.56E-05
2:233645968_C_G	rs2592105	2	233645968	G	C	1.16069	0.144003	0.03325	1.56E-05
2:35874987_A_G	rs11695292	2	35874987	G	A	0.864842	-0.144926	0.0336947	1.56E-05
1:103597268_T_C	rs12131628	1	103597268	C	T	0.85786	-0.156164	0.0364279	1.56E-05
2:233670099_G_A	rs4973053	2	233670099	A	G	0.861821	-0.144079	0.0332714	1.56E-05
2:35870907_GIT_G	rs34310371	2	35870907	G	GIT	0.774272	-0.254049	0.0602375	1.57E-05
2:35879924_T_C	rs4319917	2	35879924	C	T	0.864782	-0.145624	0.0338649	1.57E-05
8:145009610_A_G	rs11784762	8	145009610	G	A	1.15019	0.14242	0.0329274	1.57E-05
2:242254317_A_G	rs55659209	2	242254317	G	A	1.14925	0.141843	0.0327913	1.58E-05
1:103603066_C_T	rs7520070	1	103603066	T	C	0.85779	-0.15603	0.0364131	1.58E-05
1:103596482_A_G	rs11164683	1	103596482	G	A	0.857866	-0.156273	0.0364724	1.58E-05
2:35876743_C_T	rs114118569	2	35876743	T	C	0.774328	-0.253774	0.0601901	1.58E-05
1:103597234_C_T	rs12142507	1	103597234	T	C	0.8578	-0.156018	0.0364132	1.58E-05
1:103596836_C_T	rs11164684	1	103596836	T	C	0.857801	-0.156018	0.0364132	1.58E-05
1:103600739_G_C	rs61814999	1	103600739	C	G	0.857801	-0.156018	0.0364132	1.58E-05
1:103601011_GT_G	rs78189726	1	103601011	G	GT	0.857801	-0.156018	0.0364132	1.58E-05
1:103599068_T_C	rs11164686	1	103599068	C	T	0.857801	-0.156017	0.0364132	1.58E-05
1:103599531_A_G	rs7521673	1	103599531	G	A	0.857801	-0.156017	0.0364132	1.58E-05
5:172827954_C_A	rs4868270	5	172827954	A	C	1.16495	0.150468	0.0347	1.58E-05
8:21054334_T_C	rs111258723	8	21054334	C	T	1.3793	0.318298	0.0719851	1.58E-05
8:21054345_T_C	rs112666686	8	21054345	C	T	1.3793	0.318298	0.0719851	1.58E-05
17:67495104_A_C	rs2715821	17	67495104	C	A	1.1516	0.142645	0.032993	1.58E-05
17:67494142_TGCTTGATTG	rs72083748	17	67494142	T	TGCTTGAT	1.15185	0.142234	0.0329061	1.59E-05
1:103596035_C_T	rs10874684	1	103596035	T	C	0.857866	-0.156043	0.0364303	1.59E-05
1:103588737_A_C	rs12077815	1	103588737	C	A	0.857837	-0.155964	0.0364112	1.59E-05
1:103595368_T_C	rs6673525	1	103595368	C	T	0.857846	-0.155954	0.0364111	1.59E-05
1:103593565_A_G	rs61814976	1	103593565	G	A	0.85785	-0.155949	0.0364111	1.59E-05
1:103593572_C_T	rs12138362	1	103593572	T	C	0.85785	-0.155949	0.0364111	1.59E-05
1:103594053_T_G	rs10874682	1	103594053	G	T	0.85785	-0.155949	0.0364111	1.59E-05
1:103594652_C_T	rs12139417	1	103594652	T	C	0.85785	-0.155949	0.0364111	1.59E-05
2:242250094_G_A	rs12619620	2	242250094	A	G	1.14924	0.14165	0.0327613	1.59E-05
1:103590279_C_T	rs12090752	1	103590279	T	C	0.857874	-0.155923	0.0364113	1.60E-05
2:152715055_A_C	rs6743968	2	152715055	C	A	1.3235	0.278493	0.0632507	1.60E-05
1:103592957_G_A	rs4332376	1	103592957	A	G	0.858084	-0.156141	0.036474	1.61E-05

2:233608253_G_C	rs67013068	2	233608253	C	G	1.16025	0.143794	0.033252	1.61E-05
15:27079865_T_TA	rs35172695	15	27079865	TA	T	1.15439	0.142443	0.0329481	1.61E-05
16:9013696_G_A	rs2164507	16	9013696	A	G	1.31615	0.28646	0.0650274	1.61E-05
20:53581724_T_C	rs991213	20	53581724	C	T	0.774566	-0.260392	0.0618756	1.61E-05
2:35871638_A_G	rs1467221	2	35871638	G	A	0.864824	-0.143889	0.0334987	1.61E-05
2:35882165_C_T	rs80241772	2	35882165	T	C	0.774559	-0.253346	0.0601437	1.61E-05
19:9314593_C_T	rs10405081	19	9314593	T	C	1.21092	0.199016	0.0455756	1.61E-05
1:103590253_A_G	rs2889340	1	103590253	G	A	0.857936	-0.155873	0.0364155	1.61E-05
1:103600208_T_C	rs61814997	1	103600208	C	T	0.857935	-0.155863	0.0364135	1.61E-05
2:233706368_C_T	rs11676216	2	233706368	T	C	0.861984	-0.143907	0.0332818	1.61E-05
8:21042865_A_T	rs17496327	8	21042865	T	A	1.37067	0.31365	0.0710347	1.62E-05
1:103603140_T_C	rs7534313	1	103603140	C	T	0.857952	-0.155881	0.0364232	1.62E-05
1:103594551_C_A	rs12139369	1	103594551	A	C	0.858053	-0.155987	0.03645	1.62E-05
2:233712296_G_A	rs6437074	2	233712296	A	G	0.862025	-0.143854	0.03328	1.62E-05
1:103598586_C_A	rs12143640	1	103598586	A	C	0.857717	-0.155924	0.0364384	1.62E-05
2:233654627_A_G	rs283474	2	233654627	G	A	1.16118	0.144806	0.0334836	1.62E-05
1:103594013_T_G	rs11164679	1	103594013	G	T	0.85798	-0.155821	0.0364197	1.62E-05
19:9314600_C_A	rs10405250	19	9314600	A	C	1.21085	0.199157	0.0456278	1.63E-05
11:90528439_TTA_T	rs60540907	11	90528439	T	TTA	0.870667	-0.140254	0.0325759	1.63E-05
16:9044676_T_C	rs75593824	16	9044676	C	T	1.31306	0.282302	0.0641567	1.63E-05
16:9043739_A_C	rs76951557	16	9043739	C	A	1.31305	0.2823	0.0641565	1.63E-05
16:9040017_G_A	rs79341389	16	9040017	A	G	1.31304	0.282292	0.0641565	1.63E-05
16:9040270_T_A	rs78665874	16	9040270	A	T	1.31304	0.282292	0.0641565	1.63E-05
8:145026582_G_A	rs62523994	8	145026582	A	G	1.14846	0.143012	0.0331289	1.63E-05
2:233712049_G_A	rs2305137	2	233712049	A	G	0.862128	-0.143782	0.0332745	1.63E-05
1:103598591_A_T	rs12136163	1	103598591	T	A	0.857783	-0.155868	0.0364393	1.63E-05
1:103592754_T_C	rs1337172	1	103592754	C	T	0.858043	-0.15583	0.0364308	1.63E-05
1:103606320_G_A	rs11164694	1	103606320	A	G	0.858037	-0.155752	0.0364134	1.63E-05
2:233602028_T_C	rs6738386	2	233602028	C	T	1.16007	0.143645	0.0332489	1.64E-05
2:35886792_T_A	rs6741494	2	35886792	A	T	0.8649	-0.144327	0.0363663	1.64E-05
2:35880600_G_GA	rs34395754	2	35880600	GA	G	0.864365	-0.144093	0.033586	1.64E-05
5:172849465_A_T	rs11960781	5	172849465	T	A	1.1653	0.149658	0.0345838	1.64E-05
1:103592320_G_C	rs1538039	1	103592320	C	G	0.858072	-0.155702	0.036413	1.64E-05
11:90538258_T_A	rs1404532	11	90538258	A	T	0.87078	-0.139983	0.0325254	1.64E-05
19:15073303_C_T	rs62113268	19	15073303	T	C	1.25655	0.235549	0.0537957	1.64E-05
8:145041333_T_C	rs11787365	8	145041333	C	T	1.14748	0.142952	0.033131	1.65E-05
1:103601134_AG_A	rs76317309	1	103601134	A	AG	0.858361	-0.156271	0.0365572	1.65E-05
1:103602070_C_G	rs61815001	1	103602070	G	C	0.858121	-0.155795	0.0364421	1.65E-05
16:9042411_T_G	rs1865807	16	9042411	G	T	1.31279	0.282083	0.0641548	1.65E-05
2:152702037_C_A	rs6755393	2	152702037	A	C	1.3233	0.279744	0.0636167	1.65E-05
2:233752376_A_T	rs2250654	2	233752376	T	A	0.864465	-0.139785	0.0324372	1.66E-05
8:122961585_T_C	rs12681250	8	122961585	C	T	0.881146	-0.160646	0.0374945	1.66E-05
2:35874493_G_T	rs12470763	2	35874493	T	G	0.774966	-0.253294	0.0602284	1.66E-05
1:184249676_C_T	rs144601602	1	184249676	T	C	2.74431	1.26889	0.282555	1.66E-05
2:233746457_C_T	rs709938	2	233746457	T	C	0.864364	-0.139626	0.032408	1.66E-05
2:35876675_A_C	rs139531399	2	35876675	C	A	0.775001	-0.253122	0.0601923	1.66E-05
2:233617520_G_T	rs12991088	2	233617520	T	G	1.16101	0.144537	0.033468	1.67E-05
1:103595633_C_G	rs6658077	1	103595633	G	C	0.858182	-0.155588	0.0364158	1.67E-05
1:103594131_A_T	rs10874683	1	103594131	T	A	0.858222	-0.15575	0.036456	1.67E-05
16:9077485_G_C	rs78044895	16	9077485	C	G	1.30574	0.282989	0.0643357	1.67E-05
1:103596178_A_G	rs10874685	1	103596178	G	A	0.858184	-0.155618	0.0364255	1.67E-05
8:145021167_C_G	rs7464572	8	145021167	G	C	1.14883	0.142656	0.0330875	1.67E-05
2:152702819_C_T	rs73967705	2	152702819	T	C	1.32298	0.279708	0.0636497	1.67E-05
2:35880572_T_A	rs10171396	2	35880572	A	T	0.864704	-0.144057	0.0336128	1.68E-05
1:103596247_T_A	rs103596247	1	103596247	A	T	0.858261	-0.155767	0.0364684	1.68E-05
5:165922089_T_C	rs72823916	5	165922089	C	T	0.816599	-0.198206	0.0467813	1.68E-05
1:103651215_C_A	rs11164717	1	103651215	A	C	0.862144	-0.152635	0.0357079	1.68E-05
1:103650244_T_A	rs11164715	1	103650244	A	T	0.861728	-0.152757	0.0357399	1.68E-05
2:35891223_G_T	rs989163	2	35891223	T	G	0.866271	-0.144513	0.033717	1.68E-05
11:90529456_A_G	rs1540170	11	90529456	G	A	0.870363	-0.139493	0.0324531	1.68E-05
2:35873745_T_C	rs6751577	2	35873745	C	T	0.865237	-0.143708	0.0335323	1.68E-05
16:9013035_A_G	rs2164506	16	9013035	G	A	1.3139	0.281498	0.0640945	1.69E-05
16:26205500_G_C	rs62036850	16	26205500	C	G	0.859769	-0.151664	0.0354879	1.69E-05
2:35874123_G_A	rs35544796	2	35874123	A	G	0.864922	-0.143468	0.0334829	1.69E-05
1:103597013_A_C	rs12134285	1	103597013	C	A	0.859081	-0.156245	0.0365961	1.69E-05
16:9050947_T_C	rs76161145	16	9050947	C	T	1.31075	0.282372	0.0642973	1.70E-05
8:145008706_C_T	rs11782433	8	145008706	T	C	1.14949	0.141997	0.0329599	1.70E-05
8:21055583_C_G	rs111882154	8	21055583	G	C	1.37424	0.313633	0.0712295	1.70E-05
19:15072635_C_G	rs12460353	19	15072635	G	C	1.25637	0.234897	0.053746	1.70E-05
2:233751377_A_G	rs2592126	2	233751377	G	A	0.864593	-0.139667	0.0324594	1.71E-05
4:128002634_CCT_C	rs79670854	4	128002634	C	CCT	0.812279	-0.209184	0.049501	1.71E-05
2:35899113_G_A	rs6543968	2	35899113	A	G	0.867026	-0.145555	0.0339953	1.71E-05
16:9007510_T_C	rs75219349	16	9007510	C	T	1.31366	0.281275	0.0640922	1.71E-05
2:35863026_G_A	rs112102044	2	35863026	A	G	0.776141	-0.253654	0.0604242	1.71E-05
16:9047370_G_C	rs112493057	16	9047370	C	G	1.31148	0.281876	0.0642271	1.71E-05
20:53580223_C_T	rs2870376	20	53580223	T	C	0.775382	-0.257845	0.061434	1.71E-05
16:9048561_G_A	rs76682701	16	9048561	A	G	1.31137	0.28184	0.064225	1.72E-05
8:21054172_TATAC_T	rs199810002	8	21054172	T	TATAC	1.3773	0.31707	0.0720057	1.72E-05
7:18224272_A_G	rs1406360	7	18224272	G	A	1.18281	0.165712	0.0382398	1.72E-05
1:103610902_G_A	rs1337198	1	103610902	A	G	0.858524	-0.155976	0.0365651	1.72E-05
16:9052448_C_T	rs77809369	16	9052448	T	C	1.31096	0.283372	0.0645587	1.72E-05
1:103597003_A_C	rs12134283	1	103597003	C	A	0.85923	-0.156091	0.0365944	1.72E-05
2:233567114_A_G	rs983430	2	233567114	G	A	1.15848	0.144283	0.033485	1.72E-05
2:35874206_G_A	rs35386500	2	35874206	A	G	0.865028	-0.143297	0.0334787	1.72E-05

1:160157992_G_A	rs11265351	1	160157992	A	G	1.17779	0.175231	0.0404179	1.73E-05
1:103592680_T_A	rs1337173	1	103592680	A	T	0.858498	-0.1555	0.0364587	1.73E-05
16:9014660_C_T	rs118109545	16	9014660	T	C	1.3137	0.281362	0.0641432	1.73E-05
10:115344789_G_T	rs932652	10	115344789	T	G	1.14872	0.141369	0.0328727	1.73E-05
1:103595069_A_G	rs61814982	1	103595069	G	A	0.858476	-0.155369	0.0364351	1.73E-05
2:233614819_C_T	rs34880628	2	233614819	T	C	1.16058	0.144267	0.0334782	1.74E-05
1:234261466_A_G	rs12145633	1	234261466	G	A	0.860605	-0.15179	0.0355832	1.74E-05
1:103594996_G_A	rs57003205	1	103594996	A	G	0.858563	-0.155322	0.0364299	1.74E-05
2:233604487_A_T	rs13035829	2	233604487	T	A	1.15954	0.143184	0.0332464	1.74E-05
16:9013464_T_C	rs2126999	16	9013464	C	T	1.3133	0.281758	0.0642515	1.74E-05
3:195914764_A_T	rs79763630	3	195914764	T	A	0.436489	-8.0258	18.9522	1.74E-05
2:35884947_C_T	rs1518642	2	35884947	T	C	0.865383	-0.143849	0.0336307	1.74E-05
8:21054222_G_T	rs185554504	8	21054222	T	G	1.4123	0.390518	0.0879134	1.75E-05
16:9016532_C_A	rs11075031	16	9016532	A	C	1.31346	0.281168	0.0641407	1.75E-05
8:21054194_GGT_G	rs542566466	8	21054194	G	GGT	1.37743	0.31731	0.0721262	1.75E-05
8:94264578_T_A	rs59030866	8	94264578	A	T	0.625943	-0.499361	0.123521	1.75E-05
2:233753256_T_TACAC	rs139641130	2	233753256	TACAC	T	0.864788	-0.139364	0.0324346	1.75E-05
2:35896121_T_A	rs12466039	2	35896121	A	T	0.779584	-0.256171	0.0611472	1.75E-05
2:233648091_A_G	rs283481	2	233648091	G	A	1.16073	0.144158	0.03347	1.76E-05
7:18245232_G_C	rs1178312	7	18245232	C	G	1.15615	0.145649	0.0340793	1.76E-05
2:242248772_T_C	rs62186421	2	242248772	C	T	1.14854	0.140894	0.0327521	1.76E-05
2:242252844_G_A	rs10933550	2	242252844	A	G	1.14851	0.140875	0.0327528	1.76E-05
2:233719516_G_T	rs2100053	2	233719516	T	G	0.862601	-0.143322	0.0333001	1.76E-05
7:18336338_G_A	rs590099	7	18336338	A	G	1.19844	0.176628	0.0407656	1.77E-05
2:233590255_C_T	rs6717841	2	233590255	T	C	1.1593	0.143253	0.0332906	1.77E-05
2:233740227_A_G	rs786338	2	233740227	G	A	0.864734	-0.139443	0.0324671	1.77E-05
1:103601841_A_G	rs13375484	1	103601841	G	A	0.858603	-0.155228	0.036444	1.77E-05
2:233752639_A_T	rs2250665	2	233752639	T	A	0.86487	-0.139266	0.0324349	1.78E-05
2:233656997_G_T	rs283469	2	233656997	T	G	1.1595	0.143064	0.0332535	1.78E-05
9:18832920_G_A	rs5680136	9	18832920	A	G	0.680136	-0.394631	0.0961529	1.78E-05
2:233557646_C_T	rs4458205	2	233557646	T	C	1.15716	0.145261	0.033764	1.78E-05
2:242226751_T_C	rs11896191	2	242226751	C	T	1.14841	0.140836	0.0327582	1.78E-05
4:11014885_C_T	rs4530624	4	11014885	T	C	1.14567	0.140948	0.0328654	1.78E-05
8:21047557_A_G	rs113198576	8	21047557	G	A	1.37199	0.313828	0.0714239	1.78E-05
2:242251539_G_T	rs1106523	2	242251539	T	G	1.14843	0.140792	0.0327511	1.78E-05
10:9684431_A_G	rs61841041	10	9684431	G	A	0.820414	-0.19919	0.0471534	1.78E-05
1:103644920_AC_A	rs372650714	1	103644920	A	AC	0.858366	-0.155796	0.035998	1.79E-05
9:116935764_C_G	rs7023208	9	116935764	G	C	1.16465	0.146145	0.0339395	1.79E-05
2:233604580_C_T	rs6732136	2	233604580	T	C	1.15934	0.143089	0.0332724	1.79E-05
2:35874604_T_A	rs12474946	2	35874604	A	T	0.776	-0.252184	0.0601947	1.79E-05
5:125231336_C_T	rs72792917	5	125231336	T	C	3.59621	1.42872	0.321778	1.79E-05
1:103601833_G_A	rs13374757	1	103601833	A	G	0.858667	-0.155123	0.0364422	1.79E-05
2:35874373_G_A	rs12470723	2	35874373	A	G	0.865282	-0.142986	0.0334758	1.80E-05
2:242243435_T_C	rs56061376	2	242243435	C	T	1.14834	0.140709	0.0327476	1.80E-05
8:21048446_G_A	rs115436254	8	21048446	A	G	1.37558	0.317811	0.0723219	1.80E-05
2:242235651_A_G	rs62186408	2	242235651	G	A	1.14827	0.140717	0.0327506	1.80E-05
8:21049425_C_G	rs17424515	8	21049425	G	C	1.37891	0.324632	0.0738615	1.80E-05
4:128072643_G_A	rs12503951	4	128072643	A	G	0.812911	-0.208629	0.0495139	1.81E-05
8:21043016_G_C	rs111875583	8	21043016	C	G	1.36807	0.311308	0.0709328	1.81E-05
2:242204286_T_C	rs3771343	2	242204286	C	T	1.14828	0.140628	0.0327416	1.81E-05
15:27069737_T_C	rs2872512	15	27069737	T	C	0.868061	-0.142805	0.0332348	1.81E-05
1:103588507_A_G	rs9663072	1	103588507	G	A	0.858727	-0.154967	0.0364308	1.82E-05
20:53580707_A_G	rs6069071	20	53580707	G	A	0.77638	-0.257379	0.0615157	1.82E-05
2:35885292_C_G	rs2372014	2	35885292	G	C	0.865947	-0.144457	0.0338535	1.82E-05
2:242200919_T_C	rs11678750	2	242200919	C	T	1.14824	0.140577	0.0327391	1.82E-05
4:128003159_T_C	rs17291532	4	128003159	C	T	0.813608	-0.208289	0.0494495	1.82E-05
16:9046322_T_C	rs960734	16	9046322	C	T	1.31089	0.280619	0.0641563	1.82E-05
1:103650264_C_G	rs10874694	1	103650264	G	C	0.862352	-0.152146	0.0357465	1.82E-05
2:233664097_A_T	rs778166	2	233664097	T	A	1.15921	0.14301	0.0332861	1.82E-05
8:145036615_T_C	rs7010330	8	145036615	C	T	1.14666	0.142501	0.0332	1.83E-05
8:94266926_T_A	rs61707616	8	94266926	A	T	0.626557	-0.498464	0.123562	1.83E-05
10:97857589_C_T	rs9665637	10	97857589	T	C	0.819053	-0.202168	0.0479451	1.83E-05
2:35872491_A_AC	rs35466754	2	35872491	AC	A	0.865534	-0.142866	0.0334784	1.83E-05
2:35885297_C_T	rs2372015	2	35885297	T	C	0.865984	-0.144415	0.0338537	1.83E-05
2:86029279_C_T	rs185114240	2	86029279	T	C	3.04871	1.26034	0.281439	1.84E-05
2:35899226_G_T	rs7604923	2	35899226	T	G	0.867483	-0.145484	0.0341068	1.84E-05
2:242242786_C_T	rs11884197	2	242242786	T	C	1.14817	0.140556	0.0327472	1.84E-05
16:9033796_A_T	rs139012432	16	9033796	T	A	1.30724	0.280238	0.0640923	1.84E-05
5:172839237_A_G	rs10866664	5	172839237	G	A	1.16524	0.150255	0.0349077	1.84E-05
1:103601814_C_T	rs7411801	1	103601814	T	C	0.858903	-0.154995	0.036461	1.84E-05
2:35871109_A_G	rs976110	2	35871109	G	A	0.866091	-0.142256	0.0334166	1.84E-05
16:9037472_C_T	rs78932417	16	9037472	T	C	1.31196	0.280785	0.0642336	1.85E-05
2:35872864_A_G	rs1117928	2	35872864	G	A	0.866089	-0.142508	0.0334124	1.85E-05
15:80940173_C_G	rs56072332	15	80940173	G	C	0.622582	-0.488422	0.121032	1.85E-05
1:103594743_C_T	rs55926955	1	103594743	T	C	0.858888	-0.154727	0.0364066	1.85E-05
16:9037407_C_T	rs118105617	16	9037407	T	C	1.31184	0.280737	0.0642349	1.85E-05
2:233656627_G_A	rs283471	2	233656627	A	G	1.16028	0.143733	0.0334686	1.86E-05
10:9697979_G_GT	rs61493986	10	9697979	GT	G	0.821181	-0.198668	0.0471294	1.86E-05
9:116916214_C_A	rs72706655	9	116916214	A	C	1.1647	0.146748	0.0341462	1.86E-05
10:9687479_C_T	rs60204393	10	9687479	T	C	0.819223	-0.200537	0.047592	1.86E-05
2:233599904_A_C	rs11555646	2	233599904	C	A	1.15904	0.142691	0.0332496	1.86E-05
2:35879902_A_AT	rs35682529	2	35879902	AT	A	0.866017	-0.143547	0.033675	1.86E-05
2:242227359_G_C	rs72484048	2	242227359	C	G	1.14806	0.140428	0.0327451	1.87E-05
8:94269189_G_C	rs117997397	8	94269189	C	G	0.627016	-0.498357	0.12367	1.87E-05

2:233754364_C_T	rs2675957	2	233754364	T	C	0.865339	-0.138918	0.0324425	1.87E-05
16:9032229_T_C	rs117697595	16	9032229	C	T	1.31176	0.280559	0.0642339	1.87E-05
15:27078241_G_A	rs6576633	15	27078241	A	G	1.15302	0.141391	0.032965	1.88E-05
4:128001445_A_G	rs1552089	4	128001445	G	A	0.813784	-0.20766	0.0493769	1.88E-05
7:18221376_G_A	rs16871944	7	18221376	A	G	1.18464	0.164692	0.0381836	1.88E-05
9:18838721_G_C	rs62549134	9	18838721	C	G	0.69896	-0.364979	0.0887778	1.88E-05
2:40300360_C_G	rs72791066	2	40300360	G	C	1.3437	0.29416	0.0672383	1.88E-05
2:233566848_T_C	rs2012221	2	233566848	C	T	1.15755	0.143515	0.0334635	1.89E-05
2:35897038_T_C	rs6760821	2	35897038	C	T	0.867734	-0.145297	0.034112	1.89E-05
16:9051327_GAGGTGGCTC_C	rs202171283	16	9051327	G	GAGGTGGC	1.30956	0.284841	0.0651917	1.89E-05
8:21054165_G_A	rs560696090	8	21054165	A	G	1.36864	0.312009	0.0712405	1.89E-05
10:9790386_G_A	rs12414761	10	9790386	A	G	0.819283	-0.201776	0.0479409	1.90E-05
2:242233456_A_G	rs62186406	2	242233456	G	A	1.14788	0.140341	0.0327527	1.90E-05
2:35896541_C_T	rs11124463	2	35896541	T	C	0.867585	-0.144713	0.0339797	1.90E-05
8:145008931_G_C	rs6994460	8	145008931	C	G	1.14825	0.141014	0.0329272	1.90E-05
20:53579789_A_C	rs6023752	20	53579789	C	A	0.777992	-0.256422	0.06143	1.90E-05
2:35900183_T_C	rs2139120	2	35900183	C	T	0.867299	-0.145989	0.0342985	1.90E-05
4:128024594_T_C	rs12499978	4	128024594	C	T	0.814031	-0.207697	0.0494293	1.91E-05
2:242235858_T_C	rs62186410	2	242235858	C	T	1.1478	0.140267	0.0327501	1.91E-05
17:67494903_A_G	rs2716216	17	67494903	G	A	1.15045	0.140193	0.0327526	1.91E-05
2:233665291_CTTTTTTTC	rs144819526	2	233665291	C	TTTTTTTC	1.15864	0.142595	0.0332742	1.91E-05
3:137770495_T_C	rs146014185	3	137770495	C	T	1.57981	0.527936	0.118678	1.92E-05
10:115345291_C_T	rs10787492	10	115345291	T	C	1.24548	0.222775	0.0513401	1.92E-05
3:126819925_A_G	rs561746804	3	126819925	G	A	1.73533	0.788749	0.174681	1.92E-05
8:145034499_A_T	rs11784985	8	145034499	T	A	1.14548	0.141765	0.0331266	1.92E-05
2:242227400_C_A	rs67625947	2	242227400	A	C	1.1478	0.140221	0.0327453	1.92E-05
2:233559615_A_G	rs12472839	2	233559615	G	A	1.1563	0.144538	0.0337328	1.92E-05
2:242214258_G_A	rs60515663	2	242214258	A	G	1.14779	0.140217	0.0327454	1.92E-05
5:172827353_C_T	rs17075892	5	172827353	T	C	1.16246	0.148688	0.0346405	1.92E-05
2:35871810_C_T	rs1568263	2	35871810	T	C	0.866019	-0.14392	0.033826	1.92E-05
2:35888302_A_T	rs36019520	2	35888302	T	A	0.866955	-0.143648	0.0337593	1.93E-05
10:9657837_C_T	rs1158959	10	9657837	T	C	0.821675	-0.201332	0.0478808	1.93E-05
16:9043185_A_C	rs77863729	16	9043185	C	A	1.31037	0.280325	0.0642891	1.94E-05
16:9029799_A_T	rs74916209	16	9029799	T	A	1.31128	0.280043	0.0642345	1.94E-05
20:53581117_A_G	rs6023753	20	53581117	G	A	0.776941	-0.256531	0.0615136	1.94E-05
20:53581439_G_A	rs991212	20	53581439	A	G	0.776941	-0.256531	0.0615136	1.94E-05
2:35875040_C_T	rs10186539	2	35875040	T	C	0.866023	-0.14346	0.0337363	1.94E-05
1:17923847_G_A	rs72648438	1	17923847	A	G	1.36359	0.315319	0.0721354	1.95E-05
8:21063150_A_G	rs112543714	8	21063150	G	A	1.36933	0.308151	0.0705159	1.95E-05
13:109594714_C_T	rs141384945	13	109594714	T	C	1.78166	0.607987	0.13642	1.95E-05
2:242346471_C_G	rs60890112	2	242346471	G	C	1.14694	0.140403	0.0328212	1.95E-05
8:145035342_A_G	rs7357417	8	145035342	G	A	1.14609	0.141795	0.0331554	1.96E-05
1:103596375_C_T	rs10874687	1	103596375	T	C	0.859214	-0.154736	0.0365171	1.96E-05
4:128047638_T_C	rs12507660	4	128047638	C	T	0.814331	-0.207619	0.0494749	1.96E-05
8:21069686_C_A	rs113139006	8	21069686	A	C	1.37201	0.309366	0.0708096	1.96E-05
8:21051566_A_G	rs17424598	8	21051566	G	A	1.36964	0.30899	0.0707262	1.96E-05
2:24227547_C_T	rs58226367	2	24227547	T	C	1.1476	0.140121	0.0327582	1.96E-05
7:18217983_C_T	rs35071190	7	18217983	T	C	1.18405	0.164729	0.0382787	1.97E-05
2:35898773_C_A	rs6543967	2	35898773	A	C	0.867973	-0.144969	0.0341105	1.97E-05
2:242199618_G_A	rs10933543	2	242199618	A	G	1.14739	0.14009	0.0327638	1.97E-05
2:152609704_C_T	rs3922997	2	152609704	T	C	0.770327	-0.261112	0.0600516	1.98E-05
8:145023739_A_G	rs55754956	8	145023739	G	A	1.14692	0.141394	0.0330837	1.98E-05
2:233735543_T_C	rs2675966	2	233735543	C	T	0.865477	-0.138459	0.0324264	1.98E-05
1:193696759_A_G	rs569162704	1	193696759	G	A	3.59316	1.41276	0.320781	1.98E-05
16:85206732_C_T	rs3935301	16	85206732	T	C	0.842763	-0.195231	0.0464716	1.98E-05
7:18369320_A_G	rs581820	7	18369320	G	A	1.19433	0.171627	0.0398673	1.98E-05
9:18836999_C_A	rs9696796	9	18836999	A	C	0.702779	-0.356515	0.0868845	1.98E-05
4:128002147_C_CTAT	rs151192196	4	128002147	CTAT	C	0.814413	-0.207851	0.0495614	1.98E-05
1:103601156_G_A	rs17127531	1	103601156	A	G	0.859588	-0.154736	0.0365421	1.98E-05
8:145005450_T_C	rs62522556	8	145005450	C	T	1.14779	0.141208	0.0330418	1.99E-05
9:18819177_G_T	rs7852764	9	18819177	T	G	0.699576	-0.360571	0.08792	1.99E-05
2:233751334_A_T	rs114722246	2	233751334	T	A	0.865564	-0.138429	0.032434	1.99E-05
8:26295370_G_A	rs34505048	8	26295370	A	G	0.565508	-0.604922	0.153571	1.99E-05
7:18379008_T_A	rs669164	7	18379008	A	T	1.19305	0.172833	0.0401545	1.99E-05
2:242234837_T_C	rs10933548	2	242234837	C	T	1.14753	0.139927	0.032745	2.00E-05
2:35899835_C_T	rs11523649	2	35899835	T	C	0.868166	-0.144835	0.0341075	2.00E-05
1:103572927_A_G	rs4338381	1	103572927	G	A	0.868771	-0.145426	0.0342804	2.01E-05
4:128022305_G_A	rs12509041	4	128022305	A	G	0.816465	-0.206146	0.0491823	2.01E-05
15:80939833_C_T	rs55904246	15	80939833	T	C	0.624154	-0.483984	0.120336	2.01E-05
19:15094318_T_C	rs62113323	19	15094318	C	T	1.24093	0.248119	0.0571315	2.01E-05
4:128050465_A_G	rs74479791	4	128050465	G	A	0.814712	-0.207669	0.0495572	2.01E-05
8:21053944_A_G	rs112418575	8	21053944	A	G	1.37142	0.311519	0.0713743	2.01E-05
7:18196417_G_T	rs6976429	7	18196417	T	G	1.18355	0.164429	0.0382604	2.02E-05
3:1425585_G_GC	rs200565497	3	1425585	GC	G	1.9085	1.1889	0.259911	2.02E-05
1:103604032_T_C	rs11164690	1	103604032	C	T	0.859699	-0.154034	0.0364063	2.02E-05
8:145027162_C_CG	rs56401356	8	145027162	CG	C	1.14616	0.141637	0.0331821	2.02E-05
7:18190255_G_A	rs9638749	7	18190255	A	G	1.18346	0.164375	0.0382562	2.02E-05
2:35876977_C_A	rs10193176	2	35876977	A	C	0.866506	-0.14396	0.0339313	2.03E-05
8:145020636_G_A	rs12549853	8	145020636	A	G	1.14728	0.141213	0.033083	2.03E-05
7:18228882_C_T	rs67956034	7	18228882	T	C	1.18074	0.164183	0.0382342	2.04E-05
2:242232153_C_G	rs62186405	2	242232153	G	C	1.14716	0.139815	0.0327636	2.05E-05
20:53548902_C_T	rs4811558	20	53548902	T	C	0.777346	-0.26215	0.0631471	2.05E-05
8:145047187_A_G	rs3935755	8	145047187	G	A	1.14558	0.141296	0.0331219	2.05E-05
8:145020857_C_T	rs7463897	8	145020857	T	C	1.14717	0.141138	0.0330835	2.05E-05

8:42515801_A_G	rs1868859	8	42515801	G	A	1.33119	0.287641	0.0695817	2.05E-05
6:155964504_G_T	rs2133283	6	155964504	T	G	2.22265	0.804309	0.20976	2.05E-05
9:18820373_T_A	rs56160805	9	18820373	A	T	0.699858	-0.359464	0.0877824	2.05E-05
19:15093922_G_A	rs7253417	19	15093922	A	G	1.24183	0.247964	0.0571716	2.06E-05
8:21050940_A_G	rs76018466	8	21050940	G	A	1.3564	0.305339	0.0700978	2.06E-05
11:90539323_A_AT	rs139041299	11	90539323	AT	A	0.872644	-0.138878	0.032649	2.06E-05
4:128044528_T_C	rs77655875	4	128044528	C	T	0.814764	-0.20691	0.0494371	2.06E-05
4:128050839_A_T	rs78278259	4	128050839	T	A	0.815012	-0.207188	0.04951	2.07E-05
2:35873626_C_T	rs6736349	2	35873626	T	C	0.866163	-0.142262	0.0335541	2.07E-05
2:233649427_A_G	rs283477	2	233649427	G	A	1.15902	0.143253	0.0335464	2.07E-05
8:21047613_T_C	rs17496425	8	21047613	C	T	1.36832	0.30896	0.0709125	2.07E-05
11:90539319_A_G	rs10830578	11	90539319	G	A	0.87263	-0.138811	0.0326416	2.07E-05
2:242236660_G_A	rs12612578	2	242236660	A	G	1.1471	0.13971	0.0327587	2.07E-05
1:103651627_C_T	rs10159431	1	103651627	T	C	0.86326	-0.150653	0.0356299	2.08E-05
2:242246865_C_T	rs62186419	2	242246865	T	C	1.14703	0.13974	0.0327706	2.08E-05
2:242246875_T_C	rs62186420	2	242246875	C	T	1.14703	0.13974	0.0327706	2.08E-05
1:92240093_A_T	rs55721358	1	92240093	T	A	1.51	0.435294	0.0990781	2.08E-05
5:16828655_G_T	rs62369350	5	16828655	T	G	1.14306	0.142415	0.0335555	2.08E-05
2:35876392_A_G	rs6765361	2	35876392	G	A	0.866974	-0.143336	0.0338345	2.09E-05
8:145027210_A_G	rs55786556	8	145027210	G	A	1.1466	0.140958	0.0330752	2.09E-05
2:233594875_G_A	rs13008942	2	233594875	A	G	1.15794	0.142125	0.0333136	2.09E-05
9:18830444_A_G	rs16937127	9	18830444	G	A	0.698742	-0.359769	0.0879455	2.09E-05
4:128051504_T_A	rs191532224	4	128051504	A	T	0.815119	-0.206986	0.049494	2.09E-05
6:156039197_C_CT	rs368295361	6	156039197	CT	C	1.16103	0.256507	0.0620725	2.10E-05
8:21053922_C_CTAAT	rs201757312	8	21053922	CTAAT	C	1.37123	0.312851	0.0718106	2.10E-05
11:90533071_TC_T	rs77655328	11	90533071	T	TC	0.871798	-0.138151	0.0325149	2.10E-05
11:90539430_T_A	rs10741377	11	90539430	A	T	0.872687	-0.138701	0.0326366	2.10E-05
2:35872040_C_A	rs115680708	2	35872040	A	C	0.77759	-0.249842	0.06012	2.10E-05
2:41407428_G_A	rs146215107	2	41407428	A	G	2.38511	0.917398	0.205245	2.10E-05
19:15094895_G_A	rs62113324	19	15094895	A	G	1.231961	0.247	0.0570154	2.10E-05
8:21054202_T_AC	rs555967333	8	21054202	T	AC	1.37171	0.31403	0.0720905	2.11E-05
8:21057706_T_C	rs111629411	8	21057706	C	T	1.37042	0.311337	0.0714953	2.11E-05
2:233645691_G_A	rs283485	2	233645691	A	G	1.15886	0.142816	0.0334775	2.11E-05
19:15094364_G_A	rs75137518	19	15094364	A	G	1.24038	0.247474	0.0571317	2.11E-05
2:242203776_C_CA	rs71933081	2	242203776	CA	C	1.14113	0.150729	0.0353198	2.11E-05
2:152603383_G_C	rs7581532	2	152603383	C	G	0.768918	-0.263725	0.0608578	2.12E-05
8:21050873_T_G	rs111311036	8	21050873	G	T	1.36733	0.307505	0.070683	2.12E-05
2:35870690_C_CTAATT	rs10690301	2	35870690	CTAATT	C	0.866708	-0.141982	0.0335311	2.12E-05
2:233669040_G_C	rs2674839	2	233669040	C	G	1.15771	0.142139	0.0333472	2.12E-05
14:102999656_A_ACTCCGT	rs71119709	14	102999656	ACTCCGT	A	0.881992	-0.153776	0.0362027	2.12E-05
17:67493694_C_T	rs2715819	17	67493694	T	C	1.1491	0.139885	0.0328581	2.12E-05
17:12701099_GA_G	rs34581097	17	12701099	G	GA	1.283	0.258705	0.0597557	2.13E-05
17:76282621_T_A	rs4789585	17	76282621	A	T	1.52811	0.475271	0.118522	2.13E-05
2:35871491_A_G	rs976113	2	35871491	G	A	0.867233	-0.141679	0.0334662	2.13E-05
4:162872867_A_C	rs62331245	4	162872867	C	A	0.578189	-0.601342	0.152927	2.14E-05
2:242208792_C_T	rs11675957	2	242208792	T	C	1.14678	0.139435	0.0327472	2.14E-05
9:18825103_C_G	rs62549130	9	18825103	G	C	0.702826	-0.354105	0.0866462	2.15E-05
8:21054602_G_A	rs113211302	8	21054602	A	G	1.36616	0.307312	0.0706877	2.15E-05
16:9029260_G_T	rs143625911	16	9029260	T	G	1.30949	0.278537	0.0642423	2.15E-05
2:242213649_T_C	rs59542139	2	242213649	C	T	1.14674	0.139483	0.0327708	2.15E-05
4:128026773_G_A	rs1480898	4	128026773	A	G	0.814268	-0.206509	0.0494668	2.17E-05
2:35871840_T_C	rs1401235	2	35871840	C	T	0.866899	-0.14328	0.0338901	2.17E-05
18:47930795_G_A	rs193165308	18	47930795	A	G	2.49326	0.934348	0.209758	2.17E-05
8:21055807_G_A	rs17496535	8	21055807	A	G	1.36762	0.306996	0.0706581	2.17E-05
10:9791583_C_T	rs7791583	10	9791583	T	C	0.820572	-0.200422	0.0479568	2.17E-05
8:21052543_C_T	rs112087461	8	21052543	T	C	1.36714	0.307062	0.0706778	2.18E-05
8:21056104_A_G	rs111438079	8	21056104	G	A	1.36562	0.305712	0.0703788	2.18E-05
2:35871250_T_C	rs976111	2	35871250	C	T	0.866785	-0.141669	0.0335009	2.18E-05
2:35876979_T_A	rs34286838	2	35876979	A	T	0.867021	-0.143461	0.0339409	2.18E-05
8:21050821_T_C	rs17496480	8	21050821	C	T	1.36625	0.306477	0.0705551	2.18E-05
2:242225998_T_A	rs10933546	2	242225998	A	T	1.14667	0.139371	0.0327655	2.18E-05
8:21048296_T_C	rs180767988	8	21048296	C	T	1.37087	0.315819	0.0726091	2.18E-05
8:21048311_G_A	rs186467199	8	21048311	A	G	1.37082	0.31579	0.0726092	2.18E-05
8:21056566_G_T	rs113029022	8	21056566	T	G	1.36742	0.306832	0.070647	2.19E-05
8:21056964_C_A	rs111559099	8	21056964	A	C	1.36742	0.306832	0.070647	2.19E-05
8:21058315_T_C	rs79666213	8	21058315	C	T	1.36742	0.306832	0.070647	2.19E-05
20:53583707_A_G	rs6123438	20	53583707	G	A	0.778485	-0.255345	0.0616168	2.19E-05
1:67513941_G_C	rs556336468	1	67513941	C	G	0.270397	-2.92087	1.59891	2.19E-05
7:18225545_G_A	rs7778462	7	18225545	A	G	1.18023	0.165183	0.0385967	2.19E-05
2:233574812_G_A	rs35621474	2	233574812	A	G	1.15666	0.143243	0.0336561	2.20E-05
6:45357469_C_T	rs112477698	6	45357469	T	C	0.309198	-1.76044	0.574506	2.20E-05
2:35872124_C_CT	rs70943126	2	35872124	CT	C	0.867069	-0.141752	0.0335351	2.20E-05
2:35897944_T_C	rs6707300	2	35897944	C	T	0.868653	-0.144097	0.0341006	2.20E-05
8:145020025_G_A	rs56334578	8	145020025	A	G	1.14664	0.140557	0.0330698	2.20E-05
8:21053167_A_T	rs112870982	8	21053167	T	A	1.36719	0.307306	0.0707863	2.21E-05
2:233860214_A_G	rs562152587	2	233860214	G	A	1.16362	0.165911	0.0395023	2.22E-05
2:233860215_C_T	rs527933661	2	233860215	T	C	1.16362	0.165911	0.0395023	2.22E-05
5:172852297_C_T	rs79268674	5	172852297	T	C	1.16259	0.147261	0.0345645	2.22E-05
2:35872175_T_G	rs1401236	2	35872175	G	T	0.867127	-0.141692	0.0335379	2.22E-05
5:172853099_T_C	rs72820052	5	172853099	C	T	1.16272	0.147003	0.0345082	2.22E-05
8:145028587_T_C	rs58579887	8	145028587	C	T	1.1454	0.140792	0.033146	2.22E-05
20:53574095_A_G	rs6023739	20	53574095	G	A	0.779405	-0.254627	0.0614923	2.22E-05
11:133022707_C_T	rs113300011	11	133022707	T	C	1.54929	0.448411	0.102283	2.23E-05
11:90533352_A_AT	rs35832811	11	90533352	AT	A	0.872322	-0.137715	0.0325113	2.23E-05

15:27078863_AT_A	rs35241747	15	27078863	A	AT	1.15162	0.140056	0.0329596	2.24E-05
8:21047574_G_A	rs112021456	8	21047574	A	G	1.36877	0.315697	0.0726869	2.24E-05
8:21054441_G_A	rs112442294	8	21054441	A	G	1.36673	0.306549	0.07068	2.24E-05
8:21054955_T_C	rs111310278	8	21054955	C	T	1.36673	0.306549	0.07068	2.24E-05
8:21055102_G_T	rs722974	8	21055102	T	G	1.36673	0.306549	0.07068	2.24E-05
8:21055161_T_G	rs716441	8	21055161	G	T	1.36673	0.306549	0.07068	2.24E-05
8:21055630_G_T	rs112393530	8	21055630	T	G	1.36673	0.306549	0.07068	2.24E-05
7:62117597_T_C	rs13231004	7	62117597	C	T	1.15878	0.155745	0.0365403	2.25E-05
16:9027470_C_T	rs114733683	16	9027470	T	C	1.30862	0.277885	0.0642437	2.25E-05
2:233720283_G_T	rs4973055	2	233720283	T	G	0.86517	-0.141199	0.0332365	2.25E-05
8:21057663_C_T	rs111398312	8	21057663	T	C	1.36682	0.307662	0.0709248	2.25E-05
2:152722084_GAA_G	rs34361154	2	152722084	G	GAA	1.3164	0.274839	0.0635229	2.25E-05
7:153929119_G_A	rs75774532	7	153929119	A	G	2.0097	0.838325	0.187341	2.25E-05
2:233736133_G_C	rs2675967	2	233736133	C	G	0.866283	-0.137568	0.0324383	2.25E-05
8:21052957_C_T	rs112621343	8	21052957	T	C	1.36661	0.306465	0.07068	2.26E-05
8:21051874_G_A	rs113019042	8	21051874	A	G	1.36661	0.306462	0.0706793	2.26E-05
8:21050740_G_C	rs17424556	8	21050740	C	G	1.36661	0.306458	0.0706794	2.26E-05
8:21050950_T_C	rs113958103	8	21050950	C	T	1.36661	0.306458	0.0706794	2.26E-05
8:21051014_G_C	rs17496495	8	21051014	C	G	1.36661	0.306458	0.0706794	2.26E-05
8:21051079_G_A	rs112697173	8	21051079	A	G	1.36661	0.306458	0.0706794	2.26E-05
8:21051102_C_T	rs112142596	8	21051102	T	C	1.36661	0.306458	0.0706794	2.26E-05
8:21051162_T_G	rs17424584	8	21051162	G	T	1.36661	0.306458	0.0706794	2.26E-05
8:21052148_T_C	rs112906157	8	21052148	C	T	1.36661	0.306458	0.0706794	2.26E-05
8:21052680_G_C	rs112891920	8	21052680	C	G	1.36661	0.306458	0.0706794	2.26E-05
8:21052817_A_C	rs111625613	8	21052817	C	A	1.36661	0.306458	0.0706794	2.26E-05
8:21053294_G_T	rs565231769	8	21053294	T	G	1.36661	0.306458	0.0706794	2.26E-05
8:21053369_C_A	rs111632377	8	21053369	A	C	1.36661	0.306458	0.0706794	2.26E-05
8:21053568_A_G	rs17496522	8	21053568	G	A	1.36661	0.306458	0.0706794	2.26E-05
11:90535620_G_A	rs1524939	11	90535620	A	G	0.872415	-0.137476	0.0324778	2.26E-05
7:18224460_T_C	rs718224235	7	18224460	C	T	1.17971	0.163157	0.0328201	2.26E-05
2:35872425_T_C	rs6747077	2	35872425	C	T	0.866971	-0.141344	0.0334909	2.26E-05
5:172848758_C_T	rs72820044	5	172848758	T	C	1.16281	0.147488	0.0346573	2.27E-05
15:27068354_T_C	rs139342613	15	27068354	C	T	0.868981	-0.140589	0.0331094	2.27E-05
3:137736502_G_C	rs139287778	3	137736502	C	G	1.56789	0.48942	0.11144	2.27E-05
8:145014732_C_T	rs112979447	8	145014732	T	C	1.14625	0.140219	0.0330482	2.27E-05
2:35871341_T_G	rs976112	2	35871341	G	T	0.867122	-0.141368	0.03351	2.28E-05
4:128345723_TA_T	rs34740916	4	128345723	T	TA	0.872639	-0.13826	0.0326776	2.28E-05
1:240742467_C_T	rs74600556	1	240742467	T	C	0.287508	-2.52572	0.98742	2.28E-05
11:90538063_A_C	rs10734138	11	90538063	C	A	0.872827	-0.137639	0.03253	2.28E-05
8:145021428_G_C	rs7462197	8	145021428	C	G	1.14623	0.14035	0.0330843	2.28E-05
2:233745333_G_C	rs778368	2	233745333	C	G	0.866121	-0.138788	0.0327345	2.29E-05
8:21059138_C_A	rs112971533	8	21059138	A	C	1.36444	0.304893	0.0703771	2.29E-05
4:128001835_T_C	rs17212899	4	128001835	C	T	0.815444	-0.205846	0.0494524	2.29E-05
2:233585299_G_T	rs6755070	2	233585299	T	G	1.15639	0.143953	0.033896	2.29E-05
13:73756313_CT_C	rs374081604	13	73756313	C	CT	2.06261	1.15914	0.256803	2.29E-05
16:8980775_G_A	rs9806850	16	8980775	A	G	1.29953	0.275812	0.0638316	2.30E-05
7:18375907_C_G	rs621573	7	18375907	G	C	1.1939	0.174781	0.0408938	2.30E-05
15:27074352_C_CAA	rs34711271	15	27074352	CAA	C	1.15116	0.139846	0.0329617	2.30E-05
17:67494770_C_CCA	rs112844153	17	67494770	CCA	C	1.14836	0.139564	0.0329258	2.31E-05
17:67495093_G_C	rs2715820	17	67495093	C	G	1.14771	0.141313	0.0333223	2.31E-05
2:233737132_C_A	rs812383	2	233737132	A	C	0.866424	-0.137303	0.0324242	2.32E-05
15:27069689_A_G	rs35488278	15	27069689	G	A	0.86924	-0.1404	0.0330997	2.32E-05
8:21045151_T_A	rs111503858	8	21045151	A	T	1.36567	0.306886	0.07087	2.32E-05
16:9026099_C_T	rs77188284	16	9026099	T	C	1.30808	0.277377	0.0642368	2.32E-05
1:103591328_C_G	rs1572519	1	103591328	G	C	0.860354	-0.15351	0.0365546	2.32E-05
8:21045575_A_AT	rs146799722	8	21045575	AT	A	1.3654	0.306213	0.0707302	2.32E-05
2:233739678_T_C	rs778339	2	233739678	C	T	0.866325	-0.13724	0.0324226	2.34E-05
2:242213195_A_G	rs12619677	2	242213195	G	A	1.14609	0.138784	0.0327489	2.34E-05
3:57082153_T_C	rs55940726	3	57082153	C	T	1.23674	0.227168	0.0528107	2.34E-05
2:35898081_C_T	rs11674741	2	35898081	T	C	0.782904	-0.250971	0.0607708	2.34E-05
10:114293207_T_C	rs369946950	10	114293207	C	T	2.95157	1.1696	0.265248	2.34E-05
20:53575554_C_T	rs6069069	20	53575554	T	C	0.779758	-0.255466	0.0618858	2.34E-05
7:18225549_T_C	rs7797322	7	18225549	C	T	1.17963	0.16442	0.0385563	2.35E-05
2:152630693_C_T	rs12470190	2	152630693	T	C	0.76841	-0.265699	0.0616254	2.35E-05
10:9660063_T_C	rs11256279	10	9660063	C	T	0.823337	-0.198955	0.0478016	2.35E-05
9:18815378_A_G	rs59852857	9	18815378	G	A	0.691196	-0.382216	0.0944579	2.35E-05
2:35897126_T_C	rs115046787	2	35897126	C	T	0.782954	-0.250881	0.0607699	2.36E-05
8:145005688_A_AC	rs35671527	8	145005688	AC	A	1.14661	0.139753	0.032998	2.36E-05
8:21062016_A_G	rs113360933	8	21062016	G	A	1.36575	0.305508	0.0706279	2.36E-05
2:152609668_A_G	rs3922996	2	152609668	G	A	0.769916	-0.262232	0.0608692	2.36E-05
2:152601360_G_T	rs4413158	2	152601360	T	G	0.769918	-0.26223	0.0608692	2.36E-05
2:152605971_C_T	rs6715607	2	152605971	T	C	0.769918	-0.26223	0.0608692	2.36E-05
13:44928182_C_G	rs9595110	13	44928182	G	C	1.20786	0.19231	0.0449661	2.36E-05
17:12699919_G_GI	rs569209062	17	12699919	GI	G	1.24197	0.247932	0.0576504	2.36E-05
7:18222875_G_A	rs4721699	7	18222875	A	G	1.18129	0.163727	0.038417	2.37E-05
19:9315809_A_G	rs56742042	19	9315809	G	A	1.20711	0.192137	0.0449281	2.37E-05
1:103465265_T_A	rs12753580	1	103465265	A	T	0.625711	-0.471284	0.117798	2.37E-05
10:9659749_T_G	rs61841040	10	9659749	G	T	0.823419	-0.199111	0.0478644	2.37E-05
1:103640635_C_CT	rs146966022;rs15041	1	103640635	CT	C	0.863465	-0.15009	0.0357529	2.37E-05
8:145014424_C_G	rs12541377	8	145014424	G	C	1.14604	0.140014	0.0330757	2.38E-05
2:233736349_G_A	rs2592115	2	233736349	A	G	0.866633	-0.137117	0.0324269	2.38E-05
15:27075455_T_C	rs3886069	15	27075455	C	T	1.15115	0.139596	0.0329571	2.38E-05
20:35735830_C_T	rs28661106	20	35735830	T	C	1.4431	0.583749	0.13178	2.38E-05
17:76282477_TAATA_T	rs142982594	17	76282477	T	TAATA	1.5229	0.470469	0.117959	2.38E-05



2:35873067_G_C	rs1117930	2	35873067	C	G	0.867776	-0.140637	0.0334138	2.38E-05
1:103649864_G_A	rs12119790	1	103649864	A	G	0.860719	-0.153083	0.0365069	2.39E-05
7:18224597_A_G	rs17138740	7	18224597	G	A	1.17853	0.162893	0.0382507	2.39E-05
1:103621226_C_T	rs4096921	1	103621226	T	C	0.860659	-0.152808	0.0364368	2.39E-05
2:233753082_C_CA	rs5839454	2	233753082	CA	C	0.866778	-0.137138	0.0324411	2.39E-05
16:9025252_T_C	rs4539593	16	9025252	C	T	1.30787	0.277533	0.0643781	2.39E-05
4:128047709_C_T	rs12503648	4	128047709	T	C	0.81683	-0.204603	0.0492693	2.40E-05
17:67495089_A_G	rs2716215	17	67495089	G	A	1.14742	0.141007	0.0333181	2.40E-05
11:90536251_CTT_C	rs61312220	11	90536251	C	CTT	0.872744	-0.136986	0.0324766	2.41E-05
2:233668995_GTCCTA_G	rs145437443	2	233668995	G	GTCCTA	1.15682	0.141125	0.0333373	2.42E-05
1:103617715_A_T	rs61815026	1	103617715	T	A	0.86076	-0.152728	0.0364428	2.42E-05
8:145006790_T_C	rs10866916	8	145006790	C	T	1.14624	0.139474	0.0329818	2.42E-05
3:63721202_T_C	rs548681576	3	63721202	C	T	1.87861	0.734508	0.165734	2.43E-05
1:103591307_T_C	rs1572520	1	103591307	C	T	0.860734	-0.153276	0.0365879	2.43E-05
20:53576546_T_G	rs928165	20	53576546	G	T	0.780709	-0.252783	0.0613272	2.43E-05
15:27073815_C_CAG	rs58260525	15	27073815	CAG	C	1.15066	0.139452	0.0329648	2.43E-05
8:21045670_C_T	rs17496390	8	21045670	T	C	1.3647	0.305218	0.070688	2.44E-05
14:68986821_A_AAAAC	rs112381342	14	68986821	AAAAC	A	0.801534	-0.224275	0.0542412	2.44E-05
8:21044878_GTTTCT_G	rs199954233	8	21044878	G	GTTTCT	1.36239	0.304677	0.070571	2.44E-05
8:21048101_G_T	rs111749040	8	21048101	T	G	1.36468	0.305177	0.0706838	2.44E-05
8:21045552_G_T	rs17496383	8	21045552	T	G	1.36468	0.305172	0.0706833	2.44E-05
8:21046290_C_A	rs17424496	8	21046290	A	C	1.36468	0.305172	0.0706833	2.44E-05
8:21046385_C_T	rs113001837	8	21046385	T	C	1.36468	0.305172	0.0706833	2.44E-05
8:21047140_C_T	rs113303703	8	21047140	T	C	1.36468	0.305172	0.0706833	2.44E-05
8:21047422_C_A	rs112232309	8	21047422	A	C	1.36468	0.305172	0.0706833	2.44E-05
8:21048017_T_C	rs563677856	8	21048017	C	T	1.36468	0.305172	0.0706833	2.44E-05
8:21048076_C_T	rs185144443	8	21048076	T	C	1.36468	0.305172	0.0706833	2.44E-05
8:21049869_G_A	rs112809664	8	21049869	A	G	1.36468	0.305172	0.0706833	2.44E-05
8:21050087_C_T	rs17496445	8	21050087	T	C	1.36468	0.305172	0.0706833	2.44E-05
8:21050302_C_T	rs1128061438	8	21050302	T	C	1.36468	0.305172	0.0706833	2.44E-05
8:21050396_T_C	rs17496466	8	21050396	C	T	1.36468	0.305172	0.0706833	2.44E-05
8:21050440_A_G	rs17424542	8	21050440	G	A	1.36468	0.305172	0.0706833	2.44E-05
20:53574201_T_C	rs6014230	20	53574201	C	T	0.780405	-0.253203	0.0614441	2.44E-05
8:21045092_T_C	rs117647585	8	21045092	C	T	1.36465	0.305153	0.0706835	2.44E-05
8:145020477_T_C	rs12543539	8	145020477	C	T	1.14517	0.139977	0.033123	2.45E-05
1:23821280_C_T	rs6698055	1	23821280	T	C	0.875656	-0.138337	0.0328463	2.45E-05
1:103602896_T_C	rs12037066	1	103602896	C	T	0.861116	-0.153896	0.0367579	2.45E-05
2:35899384_T_TGAA	rs59765129	2	35899384	TGAA	T	0.869272	-0.143065	0.0340483	2.45E-05
2:152600127_T_C	rs4552188	2	152600127	C	T	0.770377	-0.262121	0.0609684	2.46E-05
8:145044749_A_G	rs11136342	8	145044749	G	A	1.14375	0.140128	0.0331617	2.46E-05
16:9019416_C_T	rs7205293	16	9019416	T	C	1.30771	0.277669	0.0644926	2.46E-05
4:128037602_G_A	rs17213633	4	128037602	A	G	0.815496	-0.205001	0.0494285	2.46E-05
3:57086917_T_C	rs34608952	3	57086917	C	T	1.23589	0.227612	0.0530542	2.46E-05
4:128047147_G_T	rs12503518	4	128047147	T	G	0.817025	-0.204339	0.0492683	2.46E-05
22:46095559_A_G	rs191332780	22	46095559	G	A	2.04855	0.788989	0.178079	2.46E-05
4:128023701_C_T	rs10025761	4	128023701	T	C	0.816188	-0.204277	0.0492603	2.47E-05
20:53581671_T_C	rs2019675	20	53581671	C	T	0.780585	-0.252933	0.0614014	2.47E-05
2:35873012_A_G	rs1117929	2	35873012	G	A	0.868025	-0.140425	0.033427	2.47E-05
19:15087282_C_T	rs143595803	19	15087282	T	C	1.41785	0.370788	0.0854469	2.48E-05
8:21047576_C_T	rs112258782	8	21047576	T	C	1.36604	0.313725	0.0726199	2.48E-05
2:152596011_G_C	rs4233654	2	152596011	C	G	0.770539	-0.26153	0.0608693	2.48E-05
2:242221459_A_G	rs34006413	2	242221459	G	A	1.1458	0.138335	0.0327498	2.48E-05
2:233735693_C_T	rs2592117	2	233735693	T	C	0.867184	-0.136925	0.0324567	2.48E-05
8:21043638_G_A	rs17424449	8	21043638	A	G	1.3608	0.305605	0.0708825	2.48E-05
10:9653581_A_C	rs7089144	10	9653581	C	A	0.825033	-0.198858	0.0479262	2.48E-05
17:76324268_G_T	rs4436839	17	76324268	T	G	1.14449	0.139614	0.0331322	2.49E-05
15:31502195_C_T	rs6493527	15	31502195	T	C	1.13992	0.138049	0.0327421	2.49E-05
20:53575343_C_T	rs6069067	20	53575343	T	C	0.780635	-0.252942	0.0614463	2.49E-05
9:18825771_T_G	rs7871789	9	18825771	G	T	0.684347	-0.388707	0.0963765	2.50E-05
15:68849998_G_A	rs557787290	15	68849998	A	G	0.309539	-1.93377	0.673383	2.50E-05
8:21044013_A_T	rs111608092	8	21044013	T	A	1.36417	0.304781	0.0706895	2.50E-05
2:35873216_C_CA	rs11396991	2	35873216	CA	C	0.867952	-0.140305	0.0334236	2.51E-05
2:86375317_A_G	rs146402113	2	86375317	G	A	3.03036	1.16962	0.265252	2.52E-05
1:176250305_C_T	rs149792488	1	176250305	T	C	0.522724	-0.86319	0.239203	2.52E-05
2:233654381_G_T	rs283475	2	233654381	T	G	1.15739	0.141481	0.0334812	2.52E-05
18:70215029_G_A	rs1367996	18	70215029	A	G	1.18669	0.170355	0.0409211	2.53E-05
8:21043793_T_C	rs17496355	8	21043793	C	T	1.36389	0.304536	0.0706769	2.53E-05
8:21043988_T_G	rs17496369	8	21043988	G	T	1.36389	0.304533	0.0706769	2.53E-05
2:242198934_G_GACAGGCTC	rs144426547	2	242198934	GACAGGCTC	G	1.14508	0.138676	0.032862	2.53E-05
3:51600558_C_T	rs140645811	3	51600558	T	C	1.8175	0.643824	0.146187	2.54E-05
19:15100971_G_T	rs62113333	19	15100971	T	G	1.23153	0.23835	0.0556368	2.54E-05
2:242377089_T_A	rs6706458	2	242377089	A	T	1.17966	0.173609	0.0408243	2.54E-05
2:152632406_T_C	rs4664066	2	152632406	C	T	0.769453	-0.262578	0.0611901	2.54E-05
8:145012466_A_G	rs11136338	8	145012466	G	A	1.14525	0.139546	0.033087	2.55E-05
5:172852920_C_G	rs17075936	5	172852920	G	C	1.16161	0.146585	0.0346601	2.55E-05
8:21055578_T_C	rs113901488	8	21055578	C	T	1.36386	0.305141	0.070837	2.55E-05
2:152593795_G_A	rs4510224	2	152593795	A	G	0.770865	-0.261079	0.0608657	2.56E-05
2:137727472_G_A	rs186090639	2	137727472	A	G	0.280591	-1.99243	0.694053	2.56E-05
20:53575300_C_T	rs6127337	20	53575300	T	C	0.78	-0.255043	0.0620768	2.56E-05
20:53575310_T_A	rs6069066	20	53575310	A	T	0.78	-0.255043	0.0620768	2.56E-05
1:103598508_C_T	rs12143615	1	103598508	T	C	0.861717	-0.152265	0.0364383	2.56E-05
1:103626369_C_G	rs61815035	1	103626369	G	C	0.86112	-0.152186	0.036426	2.57E-05
1:212597582_AG_A	rs113611571	1	212597582	A	AG	0.496139	-0.730298	0.190799	2.57E-05
16:9080161_G_A	rs75368773	16	9080161	A	G	1.29674	0.277223	0.0644865	2.57E-05

8:21045715_G_A	rs17496404	8	21045715	A	G	1.36384	0.30488	0.070811	2.57E-05
4:128011478_G_A	rs4834178	4	128011478	A	G	0.816626	-0.203794	0.0492568	2.57E-05
17:80405142_T_C	rs62080968	17	80405142	C	T	1.27034	0.245295	0.0572554	2.58E-05
8:21046625_G_GT	rs202135109	8	21046625	GT	G	1.36368	0.30504	0.0708496	2.58E-05
4:128012864_G_T	rs28838109	4	128012864	T	G	0.816601	-0.203782	0.0492569	2.58E-05
2:233650168_A_G	rs283476	2	233650168	G	A	1.1572	0.141296	0.0334784	2.58E-05
2:152628288_A_G	rs4605370	2	152628288	G	A	0.769654	-0.262505	0.0612313	2.59E-05
11:90523629_C_G	rs4298862	11	90523629	G	C	0.872944	-0.136167	0.0324056	2.59E-05
11:90526114_T_C	rs7952309	11	90526114	C	T	0.873157	-0.136317	0.0324421	2.59E-05
3:70953094_T_C	rs183661745	3	70953094	C	T	2.55559	1.04384	0.236803	2.60E-05
11:90532256_A_T	rs2177680	11	90532256	T	A	0.873311	-0.136439	0.0324747	2.60E-05
2:35889123_G_C	rs11124460	2	35889123	C	G	0.869399	-0.143016	0.0341654	2.61E-05
17:67718555_A_G	rs8072878	17	67718555	G	A	1.12909	0.165345	0.0391289	2.61E-05
8:21054939_G_A	rs111420508	8	21054939	A	G	1.36303	0.304007	0.070674	2.61E-05
20:53575245_T_C	rs6127336	20	53575245	C	T	0.781033	-0.252417	0.0614713	2.61E-05
13:102004748_T_C	rs1415871	13	102004748	C	T	0.715797	-0.335335	0.0777877	2.62E-05
20:53579600_A_C	rs6023750	20	53579600	C	A	0.781093	-0.252288	0.0614434	2.62E-05
4:128018049_GGTT_G	rs78523077	4	128018049	G	GGTT	0.816759	-0.203624	0.0492585	2.62E-05
9:27876342_GC_G	rs33920323	9	27876342	G	GC	0.657782	-0.498848	0.127494	2.62E-05
2:152594206_G_T	rs4393745	2	152594206	T	G	0.771128	-0.260991	0.060923	2.62E-05
17:67474198_T_C	rs11651488	17	67474198	C	T	1.15844	0.153606	0.0363371	2.62E-05
20:53584802_T_G	rs4811559	20	53584802	G	T	0.780156	-0.253823	0.0618505	2.63E-05
2:35896884_T_TTTTC	rs145923047	2	35896884	TTTTC	T	0.870019	-0.142893	0.0341399	2.63E-05
2:35869526_T_A	rs7584805	2	35869526	A	T	0.870288	-0.144733	0.0346146	2.63E-05
2:49872118_C_T	rs183896644	2	49872118	T	C	3.00212	1.4594	0.343032	2.63E-05
1:103629614_C_T	rs61815037	1	103629614	T	C	0.861285	-0.15199	0.0364286	2.63E-05
20:53576104_T_G	rs6023745	20	53576104	G	T	0.781123	-0.252208	0.061447	2.64E-05
16:8999356_G_A	rs113177770	16	8999356	A	G	1.30565	0.276342	0.0644364	2.64E-05
2:233622485_CG_C	rs34546644	2	233622485	C	CG	1.15668	0.141098	0.0334753	2.64E-05
20:53575842_C_A	rs6069670	20	53575842	A	C	0.781162	-0.252148	0.0614422	2.64E-05
20:53576845_C_T	rs990571	20	53576845	T	C	0.781162	-0.252148	0.0614422	2.64E-05
20:53576069_G_A	rs6014231	20	53576069	A	G	0.781153	-0.252147	0.0614422	2.64E-05
20:53576986_A_T	rs60954316	20	53576986	T	A	0.781153	-0.252147	0.0614422	2.64E-05
6:118347874_C_T	rs9387540	6	118347874	T	C	1.84464	0.616034	0.158108	2.64E-05
8:21047078_C_T	rs112286265	8	21047078	T	C	1.36247	0.303797	0.0706781	2.65E-05
20:53578222_C_G	rs878694	20	53578222	G	C	0.781189	-0.252112	0.0614414	2.65E-05
20:53574595_A_G	rs6023743	20	53574595	G	A	0.782036	-0.252068	0.0614363	2.66E-05
11:90525925_C_G	rs7112148	11	90525925	G	C	0.873369	-0.136134	0.0324398	2.66E-05
13:45011055_C_T	rs9595125	13	45011055	T	C	1.20497	0.18694	0.0440143	2.66E-05
8:21041696_G_A	rs116864882	8	21041696	A	G	1.35368	0.304612	0.0708284	2.66E-05
20:53577620_C_T	rs1108356	20	53577620	T	C	0.781306	-0.25211	0.0614554	2.66E-05
20:53588044_G_A	rs4811561	20	53588044	A	G	0.780913	-0.253411	0.061798	2.67E-05
1:103591754_A_C	rs1572517	1	103591754	C	A	0.861148	-0.152704	0.0366407	2.67E-05
7:81873044_G_A	rs147596281	7	81873044	A	G	1.32749	0.327896	0.0759798	2.67E-05
2:233658309_C_T	rs283468	2	233658309	T	C	1.1571	0.141019	0.0334784	2.67E-05
2:152623917_A_G	rs12693116	2	152623917	G	A	0.770001	-0.261902	0.0611994	2.67E-05
2:152620387_A_T	rs6708645	2	152620387	T	A	0.77002	-0.26188	0.0611994	2.68E-05
2:152621356_C_T	rs9287998	2	152621356	T	C	0.77002	-0.26188	0.0611994	2.68E-05
2:152622603_T_C	rs4450595	2	152622603	C	T	0.77002	-0.26188	0.0611994	2.68E-05
8:145009593_A_C	rs6983908	8	145009593	C	A	1.1451	0.138467	0.0329282	2.68E-05
2:242223912_T_C	rs62186397	2	242223912	C	T	1.14516	0.137682	0.0327325	2.68E-05
10:9671054_A_G	rs11256282	10	9671054	G	A	0.823954	-0.194909	0.0471267	2.68E-05
8:145012206_G_A	rs13439519	8	145012206	A	G	1.14456	0.139012	0.0330619	2.69E-05
8:21052046_G_A	rs111986261	8	21052046	A	G	1.36067	0.30313	0.0705848	2.69E-05
2:24222397_A_G	rs6724257	2	24222397	G	A	1.14515	0.137659	0.0327314	2.69E-05
6:20394085_C_T	rs545078999	6	20394085	T	C	2.43388	1.10551	0.248429	2.69E-05
20:53579423_C_A	rs6014234	20	53579423	A	C	0.781202	-0.252574	0.0616129	2.69E-05
20:53579563_T_A	rs6014235	20	53579563	A	T	0.78135	-0.251904	0.0614447	2.70E-05
2:242168976_T_C	rs15129	2	242168976	C	T	1.18028	0.167619	0.0395874	2.70E-05
2:242218762_T_A	rs12475374	2	242218762	A	T	1.14511	0.137624	0.0327319	2.70E-05
15:78912950_G_A	rs538610192	15	78912950	A	G	2.66739	1.46521	0.334052	2.70E-05
5:153602857_T_C	rs1990949	5	153602857	C	T	1.21494	0.200937	0.048661	2.70E-05
2:59827341_G_A	rs139589755	2	59827341	A	G	1.46411	0.386387	0.0894007	2.71E-05
1:103448571_G_A	rs71664950	1	103448571	A	G	0.630009	-0.458734	0.115244	2.71E-05
1:103637932_A_G	rs1406127	1	103637932	G	A	0.861547	-0.151729	0.0364232	2.71E-05
5:138347488_T_C	rs141866133	5	138347488	C	T	2.0751	0.872112	0.196975	2.71E-05
7:18358920_C_A	rs600846	7	18358920	A	C	1.19263	0.171497	0.0404973	2.71E-05
2:242219669_A_G	rs6733962	2	242219669	G	A	1.14505	0.137588	0.0327326	2.72E-05
8:21057479_T_C	rs112706005	8	21057479	C	T	1.36238	0.304606	0.070946	2.72E-05
5:153618529_G_A	rs12522682	5	153618529	A	G	1.15449	0.144409	0.0346182	2.72E-05
8:122533068_TGTATAAGAC <sup>2</sup>	rs139770587	8	122533068	T	TGTATAAG	0.769141	-0.331277	0.0823533	2.72E-05
2:71121150_G_A	rs138236383	2	71121150	A	G	1.96399	0.734804	0.166836	2.72E-05
20:53579039_T_C	rs2021849	20	53579039	C	T	0.78146	-0.251759	0.0614445	2.72E-05
14:102998388_C_T	rs10132775	14	102998388	T	C	0.87094	-0.168011	0.0404673	2.72E-05
17:12703657_G_T	rs8082363	17	12703657	T	G	1.28094	0.253014	0.0592588	2.73E-05
21:41161542_G_A	rs11711901	21	41161542	A	G	1.34247	0.314167	0.0730448	2.73E-05
2:35889122_G_A	rs11124459	2	35889122	A	G	0.86974	-0.142539	0.0341381	2.73E-05
7:115821608_G_T	rs4276607	7	115821608	T	G	0.854213	-0.154213	0.0370829	2.74E-05
8:21048004_CTTT_C	rs560918910	8	21048004	C	CTTT	1.35266	0.301236	0.0702341	2.75E-05
10:31414167_C_T	rs548378015	10	31414167	T	C	3.48927	1.48905	0.346586	2.75E-05
8:145007534_C_T	rs7003580	8	145007534	T	C	1.14496	0.138336	0.0329397	2.75E-05
10:9674938_G_A	rs72773553	10	9674938	A	G	0.786364	-0.244584	0.0596536	2.75E-05
9:18838674_A_T	rs72692435	9	18838674	T	A	0.707318	-0.350483	0.0868518	2.76E-05
8:21049645_T_A	rs17424535	8	21049645	A	T	1.36231	0.306461	0.0714121	2.76E-05

2:152653380_C_T	rs2293221	2	152653380	T	C	0.77017	-0.261852	0.0612937	2.76E-05
20:53576326_G_A	rs990570	20	53576326	A	G	0.781605	-0.251701	0.0614812	2.77E-05
4:128063104_T_C	rs4385081	4	128063104	C	T	0.817319	-0.203237	0.049318	2.78E-05
4:128043988_T_A	rs7659822	4	128043988	A	T	0.81725	-0.202997	0.0492607	2.78E-05
14:102997287_A_G	rs12431437	14	102997287	G	A	0.874664	-0.137435	0.0328039	2.78E-05
10:55702026_C_T	.	10	55702026	T	C	0.843103	-0.286614	0.0710762	2.79E-05
2:35888311_G_T	rs34926477	2	35888311	T	G	0.86937	-0.141135	0.0338265	2.79E-05
2:242220566_A_T	rs9065053	2	242220566	T	A	1.14479	0.137392	0.0327355	2.79E-05
11:90524289_T_C	rs7944479	11	90524289	C	T	0.873547	-0.135789	0.0324446	2.79E-05
16:13914592_A_T	rs111498311	16	13914592	T	A	0.413748	-2.26391	0.924806	2.79E-05
17:76283173_C_T	rs4789027	17	76283173	T	C	1.51633	0.468622	0.118505	2.80E-05
8:145003777_G_A	rs11136335	8	145003777	A	G	1.14271	0.139526	0.0332593	2.80E-05
8:145010514_T_C	rs56034811	8	145010514	C	T	1.14484	0.138034	0.032911	2.81E-05
2:35871757_A_C	rs1467222	2	35871757	C	A	0.868591	-0.140073	0.0335836	2.82E-05
16:8998553_A_C	rs533512521	16	8998553	C	A	1.30456	0.27445	0.0642367	2.82E-05
16:8998554_C_A	rs554928196	16	8998554	A	C	1.30456	0.27445	0.0642367	2.82E-05
15:34452419_T_G	rs12902678	15	34452419	G	T	0.411059	-2.46917	0.985997	2.82E-05
2:242218689_A_G	rs12474449	2	242218689	G	A	1.14461	0.13731	0.0327332	2.82E-05
19:15101251_A_G	rs62113334	19	15101251	G	A	1.2307	0.236702	0.0555795	2.82E-05
1:103641489_C_CA	rs72302974	1	103641489	CA	C	0.861877	-0.151443	0.0364375	2.83E-05
2:152661831_G_A	rs9288006	2	152661831	A	G	0.770733	-0.261444	0.0612829	2.83E-05
3:3798346_C_G	rs13071557	3	3798346	G	C	1.13796	0.141445	0.0337529	2.83E-05
3:144555334_T_C	rs79203256	3	144555334	C	T	1.19128	0.178733	0.0422472	2.83E-05
8:21045613_T_G	rs111513049	8	21045613	G	T	1.36114	0.303673	0.0708907	2.83E-05
1:103639052_T_C	rs6665601	1	103639052	C	T	0.861842	-0.15167	0.0365007	2.83E-05
10:9710034_G_A	rs17146292	10	9710034	A	G	0.823626	-0.195611	0.047449	2.84E-05
17:12703376_G_A	rs73288392	17	12703376	A	G	1.2807	0.254273	0.0596681	2.84E-05
15:97151439_T_G	rs62024498	15	97151439	G	T	1.52098	0.429289	0.0993399	2.84E-05
8:145028505_C_CG	rs112078789	8	145028505	CG	C	1.1434	0.138865	0.0331314	2.85E-05
3:181031756_G_T	rs114595563	3	181031756	T	G	0.361087	-1.68186	0.565558	2.85E-05
16:9022767_C_T	rs7202585	16	9022767	T	C	1.30431	0.274737	0.0643462	2.85E-05
7:18290679_T_A	rs113814110	7	18290679	A	T	1.27041	0.238244	0.0559439	2.85E-05
4:128024509_AT_A	rs36123090	4	128024509	A	AT	0.817286	-0.203122	0.0493696	2.86E-05
8:145022657_G_T	rs7832643	8	145022657	T	G	1.14384	0.138685	0.0330938	2.86E-05
2:35873339_T_A	rs6751095	2	35873339	A	T	0.868784	-0.139398	0.0334443	2.86E-05
1:103642620_ATAT_A	rs72437655	1	103642620	A	ATAT	0.862209	-0.151249	0.0364163	2.87E-05
21:33598603_G_A	rs53598603	21	33598603	A	G	0.829387	-0.183494	0.0444896	2.87E-05
21:33598604_A_G	rs55925425	21	33598604	G	A	0.829387	-0.183494	0.0444896	2.87E-05
16:26243311_A_G	rs8061003	16	26243311	G	A	0.867193	-0.143542	0.034515	2.87E-05
22:34955665_G_A	rs528682462	22	34955665	A	G	0.701912	-0.384138	0.0960944	2.87E-05
11:95115165_T_C	rs565969	11	95115165	C	T	0.849724	-0.167753	0.0397626	2.87E-05
2:35871708_G_C	rs149367524	2	35871708	C	G	0.779651	-0.249051	0.060961	2.87E-05
2:35871703_TG_T	rs201235424	2	35871703	T	TG	0.779651	-0.249051	0.0609611	2.87E-05
16:70628853_TCTCTC_T	.	16	70628853	T	TCTCTC	3.21321	1.47894	0.341953	2.88E-05
9:114841943_C_T	rs78398583	9	114841943	T	C	1.29932	0.269994	0.063249	2.88E-05
16:9017884_A_AT	rs148081930	16	9017884	AT	A	1.30412	0.274483	0.0643284	2.88E-05
11:118149584_G_A	rs189609218	11	118149584	A	G	0.329223	-1.41435	0.431115	2.88E-05
2:152611351_G_A	rs4306714	2	152611351	A	G	0.77086	-0.260827	0.0612024	2.88E-05
4:61783290_C_T	rs185816301	4	61783290	T	C	0.443801	-1.75253	0.626105	2.89E-05
4:143293187_G_A	rs114429103	4	143293187	A	G	0.426539	-1.1797	0.340896	2.89E-05
7:115831195_C_T	rs72603592	7	115831195	T	C	0.854441	-0.154477	0.0372626	2.89E-05
4:128033142_T_TA	rs148723523;rs58614	4	128033142	TA	T	0.817751	-0.204922	0.0498664	2.90E-05
4:61783310_C_G	rs550623111	4	61783310	G	C	0.443896	-1.75212	0.626057	2.90E-05
20:53576877_G_A	rs990572	20	53576877	A	G	0.7823	-0.250902	0.0614409	2.90E-05
3:52838402_T_C	rs4687552	3	52838402	C	T	1.14696	0.142768	0.034034	2.90E-05
16:9006721_A_G	rs77119485	16	9006721	G	A	1.30311	0.273014	0.0640294	2.92E-05
7:18258271_C_T	rs7789412	7	18258271	T	C	1.16693	0.153582	0.0365186	2.92E-05
2:152640289_C_T	rs1916302	2	152640289	T	C	0.770938	-0.260917	0.0612756	2.93E-05
2:242237797_G_A	rs11677414	2	242237797	A	G	1.14312	0.138558	0.0330861	2.93E-05
8:21053443_ACTC_A	rs200624249	8	21053443	A	ACTC	1.36284	0.306137	0.0715889	2.94E-05
7:18191902_C_T	rs6978611	7	18191902	T	C	1.17926	0.160948	0.0382172	2.94E-05
20:53577930_T_C	rs2173619	20	53577930	C	T	0.782166	-0.250765	0.061448	2.94E-05
16:9015721_T_C	rs11075029	16	9015721	C	T	1.3029	0.272875	0.0640278	2.94E-05
3:52836109_C_CT	rs5848961	3	52836109	CT	C	1.14711	0.142605	0.0340233	2.95E-05
6:156027720_A_G	rs7764540	6	156027720	G	A	2.0981	0.750301	0.197561	2.95E-05
16:9009286_A_G	rs45513897	16	9009286	G	A	1.3029	0.272839	0.064027	2.95E-05
20:53578089_G_A	rs6014233	20	53578089	A	G	0.782288	-0.250692	0.0614443	2.95E-05
1:68866181_C_G	rs529952145	1	68866181	G	C	1.45494	0.673529	0.152727	2.96E-05
8:145013987_C_CAG	rs5895792	8	145013987	CAG	C	1.14399	0.138598	0.0331339	2.97E-05
8:21063910_A_T	rs17424667	8	21063910	T	A	1.36114	0.301608	0.070617	2.97E-05
5:172823739_C_CT	rs371770061	5	172823739	CT	C	1.15708	0.148402	0.035369	2.97E-05
20:53576689_ATCT_A	rs5842040	20	53576689	A	ATCT	0.782386	-0.251722	0.0617433	2.98E-05
22:50631907_G_A	rs148680758	22	50631907	A	G	1.5026	0.410777	0.0955039	2.98E-05
7:18161167_CAA_C	rs5882646	7	18161167	C	CAA	1.17988	0.166078	0.0394309	2.98E-05
2:35869772_C_T	rs7571004	2	35869772	T	C	0.869707	-0.139643	0.0335857	2.99E-05
10:9769257_C_T	rs10508390	10	9769257	T	C	0.823178	-0.196542	0.0478238	2.99E-05
10:33673769_C_A	rs572350093	10	33673769	A	C	0.314928	-7.77331	19.2146	2.99E-05
1:176063707_C_T	rs548581327	1	176063707	T	C	0.470376	-1.36512	0.434437	2.99E-05
1:176073006_A_G	rs146251131	1	176073006	G	A	0.470376	-1.36512	0.434437	2.99E-05
4:128337411_G_A	rs2034077	4	128337411	A	G	0.871888	-0.135539	0.0325478	3.00E-05
14:72815612_C_T	rs190417079	14	72815612	T	C	1.57855	0.528728	0.121584	3.00E-05
3:150825752_G_T	rs73155782	3	150825752	T	G	0.45756	-1.15188	0.333911	3.01E-05
19:15083227_ATG_A	rs74362539	19	15083227	A	ATG	1.24547	0.229755	0.0542005	3.01E-05
2:35871790_A_G	rs1467223	2	35871790	G	A	0.869324	-0.139491	0.0335652	3.01E-05

15:89980826_C_T	rs75612734	15	89980826	T	C	0.515466	-0.881637	0.243635	3.01E-05
3:52837855_T_C	rs2710331	3	52837855	C	T	1.14654	0.142491	0.0340377	3.01E-05
16:26211884_C_T	rs117871447	16	26211884	T	C	1.54471	0.436783	0.101379	3.01E-05
20:40703675_T_TCA	rs3838029	20	40703675	TCA	T	0.728644	-0.31152	0.077172	3.02E-05
8:145010305_A_G	rs6988767	8	145010305	G	A	1.1442	0.137582	0.0329364	3.03E-05
8:21096821_G_A	rs113075329	8	21096821	A	G	1.36187	0.306536	0.0717955	3.04E-05
20:53587060_T_C	rs6123440	20	53587060	C	T	0.782287	-0.251424	0.0617336	3.04E-05
11:90523204_AT_A	rs11304402	11	90523204	A	AT	0.879957	-0.144262	0.0346818	3.05E-05
10:9770878_C_T	rs11256315	10	9770878	T	C	0.823406	-0.196349	0.0478291	3.05E-05
5:16828870_G_T	rs4702174	5	16828870	T	G	1.14835	0.155715	0.037646	3.05E-05
7:18218432_G_A	rs17138728	7	18218432	A	G	1.17992	0.161021	0.0383133	3.06E-05
1:44062154_C_T	rs673253	1	44062154	T	C	0.872763	-0.137766	0.0331442	3.06E-05
2:35868349_A_G	rs1850669	2	35868349	G	A	0.870199	-0.139457	0.0335824	3.06E-05
15:80963337_G_A	rs76690050	15	80963337	A	G	0.63791	-0.463839	0.117611	3.07E-05
20:53579469_CACA_C	rs11470649	20	53579469	C	CACA	0.782722	-0.250766	0.0615973	3.07E-05
20:53574485_C_A	rs6023742	20	53574485	A	C	0.782567	-0.251178	0.0617119	3.08E-05
8:145000056_T_C	rs7002152	8	145000056	C	T	1.14354	0.13669	0.0327706	3.09E-05
5:153627260_A_C	rs74617242	5	153627260	C	A	1.15428	0.144391	0.0348632	3.10E-05
6:44609610_T_G	rs9463005	6	44609610	G	T	0.767153	-0.274222	0.0675641	3.11E-05
11:90531578_T_G	rs12291122	11	90531578	G	T	0.87433	-0.13501	0.0324507	3.12E-05
13:39475608_T_C	rs117713145	13	39475608	C	T	0.612088	-0.482574	0.122618	3.12E-05
14:25025679_G_A	rs8008954	14	25025679	A	G	0.427748	-1.01159	0.284074	3.13E-05
14:25027262_G_A	rs7157694	14	25027262	A	G	0.427788	-1.01153	0.28407	3.13E-05
17:12702019_AT_A	rs68131682	17	12702019	A	AT	1.27941	0.252629	0.0596118	3.13E-05
10:9922188_T_C	rs113544416	10	9922188	C	T	0.810429	-0.218011	0.0533769	3.13E-05
11:87870453_TAGA_T	rs37399998	11	87870453	T	TAGA	0.296308	-1.72732	0.625989	3.13E-05
8:145013315_G_T	rs11784501	8	145013315	T	G	1.14275	0.138383	0.0331904	3.14E-05
6:114032717_A_G	rs558313862	6	114032717	G	A	3.59152	1.45824	0.33658	3.15E-05
5:153616013_C_A	rs6580061	5	153616013	A	C	1.15468	0.144161	0.0348444	3.15E-05
10:9778028_C_G	rs11256318	10	9778028	G	C	0.823783	-0.195904	0.0480668	3.15E-05
20:53576685_T_C	rs2870374	20	53576685	C	T	0.782735	-0.250912	0.0617336	3.16E-05
15:25163765_ATG_A	rs67364975	15	25163765	A	ATG	1.53225	0.670902	0.152908	3.16E-05
19:15089435_A_G	rs62113318	19	15089435	G	A	1.24261	0.229939	0.0543898	3.16E-05
2:152591189_G_A	rs11896217	2	152591189	A	G	0.773166	-0.258411	0.0609502	3.16E-05
1:18028231_C_T	rs115275745	1	18028231	T	C	1.28734	0.269793	0.0635508	3.16E-05
4:128061071_G_A	rs10033566	4	128061071	A	G	0.818544	-0.201576	0.0492632	3.17E-05
7:18164980_C_T	rs12535940	7	18164980	T	C	1.18196	0.16571	0.039481	3.18E-05
2:233720648_GT_G	rs11313175	2	233720648	G	GT	0.867207	-0.139265	0.0333941	3.18E-05
10:115372570_C_T	rs72833765	10	115372570	T	C	1.22908	0.215271	0.0510038	3.18E-05
22:46190056_T_C	rs185967824	22	46190056	C	T	2.03725	0.789558	0.08769	3.18E-05
16:79097825_A_G	rs190152017	16	79097825	G	A	3.02142	1.59488	0.369133	3.19E-05
15:94785418_T_G	rs542412133	15	94785418	G	T	2.73264	1.25529	0.290657	3.19E-05
7:115839253_A_C	rs6946058	7	115839253	C	A	0.85488	-0.153046	0.0371092	3.19E-05
15:62391194_T_C	rs563923097	15	62391194	C	T	2.77692	1.42987	0.332595	3.20E-05
2:152650785_T_C	rs7580820	2	152650785	C	T	0.771797	-0.25995	0.0613572	3.21E-05
8:21041481_G_A	rs117353893	8	21041481	A	G	1.34552	0.299373	0.0703368	3.21E-05
4:128104744_T_C	rs12649107	4	128104744	C	T	1.16358	0.15485	0.0375589	3.22E-05
1:56132165_T_G	rs537713272	1	56132165	G	T	0.675797	-0.716351	0.193557	3.22E-05
1:103462942_T_C	rs71664953	1	103462942	C	T	0.632861	-0.451349	0.114283	3.22E-05
5:153616738_G_C	rs1422789	5	153616738	C	G	1.15459	0.144002	0.034848	3.22E-05
8:145013949_C_T	rs4073082	8	145013949	T	C	1.14309	0.138086	0.0331618	3.23E-05
5:153616972_G_A	rs4623204	5	153616972	A	G	1.15444	0.143969	0.0348422	3.23E-05
7:18216934_C_G	rs35914810	7	18216934	G	C	1.17919	0.160565	0.0383226	3.23E-05
14:102997241_G_A	rs2403059	14	102997241	A	G	0.874617	-0.13498	0.0324944	3.23E-05
8:145032302_A_G	rs10092179	8	145032302	G	A	1.14217	0.138001	0.0331542	3.24E-05
7:115839721_C_G	rs1317791	7	115839721	G	C	0.855214	-0.1533	0.0372028	3.24E-05
20:53576218_C_A	rs6014232	20	53576218	A	C	0.783586	-0.249805	0.0615378	3.24E-05
13:72395229_T_C	rs117606844	13	72395229	C	T	1.48897	0.400764	0.0935594	3.25E-05
5:27567928_G_T	rs556851158	5	27567928	T	G	0.277109	-2.37431	0.951257	3.25E-05
2:152651399_T_C	rs10184063	2	152651399	C	T	0.771875	-0.259744	0.0613537	3.25E-05
9:31221896_T_A	rs371987264	9	31221896	A	T	1.8457	0.651957	0.150293	3.25E-05
17:49805639_C_G	rs7225536	17	49805639	G	C	0.852044	-0.163764	0.0398267	3.25E-05
9:72643020_T_G	rs536178461	9	72643020	G	T	0.394389	-7.47244	17.9618	3.26E-05
16:30625237_CA_C	rs568075454	16	30625237	C	CA	0.703597	-0.434934	0.110425	3.26E-05
8:21067328_G_A	rs112887328	8	21067328	A	G	1.36016	0.300885	0.0708222	3.27E-05
20:53575877_T_A	rs6023744	20	53575877	A	T	0.783507	-0.250052	0.0616356	3.27E-05
2:218858277_C_T	rs77749465	2	218858277	T	C	0.506339	-0.700504	0.183776	3.29E-05
12:41732940_C_A	rs558666243	12	41732940	A	C	1.19756	0.337692	0.0785942	3.29E-05
11:90524290_C_A	rs7926906	11	90524290	A	C	0.874653	-0.134578	0.0324447	3.29E-05
2:233622486_G_C	rs111619078	2	233622486	C	G	1.16864	0.164787	0.0393822	3.32E-05
12:61509489_C_A	rs112933613	12	61509489	A	C	0.414003	-1.28269	0.383518	3.32E-05
3:160402646_T_C	rs2103020	3	160402646	C	T	1.12707	0.150154	0.0361946	3.32E-05
10:9671127_T_C	rs10905594	10	9671127	C	T	0.826042	-0.191576	0.0468588	3.33E-05
19:15088985_G_A	rs7247250	19	15088985	A	G	1.24526	0.228684	0.0542615	3.34E-05
19:15089068_C_T	rs62113317	19	15089068	T	C	1.24526	0.228684	0.0542615	3.34E-05
10:9652064_G_A	rs7918989	10	9652064	A	G	0.827216	-0.196648	0.0481574	3.35E-05
10:43194218_C_T	rs191651293	10	43194218	T	C	2.64957	0.991878	0.228427	3.35E-05
8:8081230_T_C	rs60622413	8	8081230	C	T	0.614571	-0.676274	0.18034	3.35E-05
1:103431510_A_G	rs12750179	1	103431510	G	A	0.633448	-0.450838	0.114417	3.35E-05
20:53560820_G_A	rs6127332	20	53560820	A	G	0.784374	-0.248324	0.0612856	3.37E-05
2:35886690_AAAAAAAC_A	rs140778267	2	35886690	A	AAAAAAAC	0.871677	-0.146518	0.0355468	3.37E-05
1:103480746_G_T	rs12748384	1	103480746	T	G	0.633331	-0.450103	0.114243	3.37E-05
1:103469989_A_G	rs710346954	1	103469989	G	A	0.633332	-0.450102	0.114243	3.37E-05
1:103473285_G_A	rs142600682	1	103473285	A	G	0.633332	-0.450102	0.114243	3.37E-05

1:103474923_T_C	rs117316083	1	103474923	C	T	0.633332	-0.450102	0.114243	3.37E-05
1:103472405_A_G	rs12742440	1	103472405	G	A	0.633333	-0.450099	0.114243	3.37E-05
1:103482044_C_C	rs34110240	1	103482044	C	G	0.633333	-0.450099	0.114243	3.37E-05
8:21061210_C_T	rs112488819	8	21061210	T	C	1.35749	0.302265	0.0712433	3.37E-05
7:102336306_T_C	rs571662101	7	102336306	C	T	3.07668	1.77776	0.445992	3.39E-05
1:233418761_G_A	rs548983029	1	233418761	A	G	2.92691	1.37379	0.320918	3.39E-05
13:49449153_C_A	rs9568110	13	49449153	A	C	0.795657	-0.22968	0.0566045	3.39E-05
7:18150374_G_A	rs79640027	7	18150374	A	G	1.1811	0.165295	0.0395269	3.40E-05
1:103479240_T_A	rs12723922	1	103479240	A	T	0.63348	-0.449912	0.114245	3.40E-05
10:9703515_C_T	rs10905600	10	9703515	T	C	0.825323	-0.193616	0.0474263	3.40E-05
1:103441493_C_T	rs71512566	1	103441493	T	C	0.633598	-0.450064	0.114287	3.40E-05
20:53579621_A_G	rs6023751	20	53579621	G	A	0.783382	-0.250122	0.0618025	3.41E-05
1:103453618_G_A	rs34090601	1	103453618	A	G	0.63364	-0.450017	0.114286	3.41E-05
1:103455769_C_T	rs79646678	1	103455769	T	C	0.63364	-0.450017	0.114286	3.41E-05
1:103457229_A_G	rs12756627	1	103457229	G	A	0.63364	-0.450017	0.114286	3.41E-05
1:103458627_T_C	rs34542642	1	103458627	C	T	0.63364	-0.450017	0.114286	3.41E-05
1:103460182_T_C	rs71664952	1	103460182	C	T	0.63364	-0.450017	0.114286	3.41E-05
1:103465043_A_G	rs12728737	1	103465043	G	A	0.63364	-0.450017	0.114286	3.41E-05
1:103454206_C_T	rs12740462	1	103454206	T	C	0.633641	-0.450014	0.114286	3.41E-05
21:25041682_G_T	rs535733493	21	25041682	T	G	0.264109	-2.51918	0.997075	3.42E-05
10:9719013_T_C	rs17146315	10	9719013	C	T	0.825651	-0.193515	0.0474169	3.42E-05
2:152651592_A_G	rs11682909	2	152651592	G	A	0.772462	-0.258971	0.061348	3.42E-05
8:21095566_T_C	rs73668175	8	21095566	C	T	1.35677	0.299045	0.0705684	3.43E-05
20:53564102_C_T	rs721391	20	53564102	T	C	0.784903	-0.248093	0.0613009	3.44E-05
2:233648754_A_G	rs283479	2	233648754	G	A	1.15428	0.139568	0.0335917	3.44E-05
2:242184560_T_C	rs12622163	2	242184560	C	T	1.15291	0.145633	0.0349879	3.44E-05
2:152613212_T_A	rs6740508	2	152613212	A	T	0.772717	-0.258865	0.0613327	3.44E-05
19:15100376_AT_A	rs77119023	19	15100376	A	AT	1.22626	0.235152	0.0558117	3.44E-05
5:153616645_A_C	rs1422788	5	153616645	C	A	1.15387	0.143474	0.0348453	3.44E-05
2:233707891_G_A	rs3220814	2	233707891	A	G	0.869132	-0.139095	0.0335171	3.45E-05
2:40489433_A_G	rs533835262	2	40489433	G	A	2.09077	0.893603	0.203718	3.46E-05
1:103483913_G_A	rs35037054	1	103483913	A	G	0.633859	-0.449567	0.114256	3.46E-05
6:23227459_T_G	rs12176320	6	23227459	G	T	1.19056	0.181238	0.0432891	3.46E-05
7:18363173_G_A	rs661144	7	18363173	A	G	1.19011	0.169107	0.0404717	3.46E-05
8:145013893_C_G	rs4073081	8	145013893	G	C	1.14257	0.137508	0.0331532	3.46E-05
1:103459522_A_T	rs76201639	1	103459522	T	A	0.63393	-0.449587	0.114292	3.48E-05
2:35866357_T_C	rs10189373	2	35866357	C	T	0.870857	-0.138607	0.0336164	3.48E-05
6:135128907_C_T	rs146916862	6	135128907	T	C	2.11097	0.799046	0.184285	3.48E-05
9:18837150_A_C	rs9695755	9	18837150	C	A	0.710928	-0.344812	0.0865098	3.49E-05
11:90523482_G_C	rs4567417	11	90523482	C	G	0.875416	-0.134483	0.0325332	3.49E-05
10:115344567_G_T	rs10787491	10	115344567	T	G	1.15529	0.145151	0.0349304	3.50E-05
1:103461162_T_TAA	rs202223220	1	103461162	TAA	T	0.634576	-0.452546	0.115247	3.53E-05
3:52831009_C_T	rs2240920	3	52831009	T	C	1.14745	0.142186	0.034249	3.53E-05
2:154878997_G_C	rs182533990	2	154878997	C	G	0.331979	-6.91037	17.9307	3.53E-05
8:145043543_A_G	rs11136341	8	145043543	G	A	1.13907	0.140139	0.033816	3.53E-05
1:103457938_T_C	rs34882475	1	103457938	C	T	0.633781	-0.454817	0.115923	3.53E-05
2:222825803_C_T	rs541317835	2	222825803	T	C	2.84504	1.10572	0.254186	3.53E-05
1:103472151_C_A	rs12742130	1	103472151	A	C	0.634045	-0.45009	0.114567	3.54E-05
13:49446888_C_A	rs10492513	13	49446888	A	C	0.796026	-0.228266	0.0563748	3.55E-05
9:110223869_T_C	rs10978866	9	110223869	C	T	1.86326	0.715474	0.164648	3.55E-05
7:18201223_A_G	rs17138703	7	18201223	G	A	1.17818	0.159072	0.038169	3.55E-05
19:15101329_C_T	rs62113335	19	15101329	T	C	1.22788	0.234095	0.055666	3.55E-05
8:21041365_T_C	rs117791270	8	21041365	C	T	1.34418	0.297595	0.0703151	3.55E-05
9:126220283_C_CT	rs71390436	9	126220283	CT	C	0.875775	-0.162254	0.039006	3.55E-05
7:18167530_TA_T	rs146865099	7	18167530	T	TA	1.18074	0.164485	0.0394348	3.55E-05
8:145031265_G_A	rs11777239	8	145031265	A	G	1.14132	0.137265	0.0331508	3.56E-05
15:27069743_T_C	rs28590441	15	27069743	C	T	0.872648	-0.138113	0.033331	3.57E-05
7:18163689_G_A	rs1569174	7	18163689	A	G	1.1808	0.16491	0.0395411	3.57E-05
19:15100185_T_C	rs60527930	19	15100185	C	T	1.22679	0.237765	0.0565276	3.57E-05
1:103483329_T_C	rs3767272	1	103483329	C	T	0.634548	-0.452334	0.115324	3.59E-05
13:105082111_G_A	rs7986969	13	105082111	A	G	0.860237	-0.155045	0.0378589	3.59E-05
5:153615886_A_G	rs7706903	5	153615886	G	A	1.15351	0.143137	0.0348465	3.60E-05
8:21072391_C_CAAA	rs576992017	8	21072391	CAAA	C	1.35707	0.298757	0.0707009	3.60E-05
8:21072392_G_C	rs528552126	8	21072392	C	G	1.35707	0.298757	0.0707009	3.60E-05
2:204717544_T_C	.	2	204717544	C	T	0.376395	-1.01143	0.283774	3.60E-05
8:145001784_A_G	rs3135109	8	145001784	G	A	1.14188	0.135614	0.0327954	3.61E-05
19:15090056_CG_C	rs79352986	19	15090056	C	CG	1.24396	0.227697	0.0542625	3.61E-05
9:126296999_C_T	rs10116178	9	126296999	T	C	1.15364	0.149154	0.0359105	3.61E-05
2:35870365_G_C	rs1401233	2	35870365	C	G	0.870358	-0.137804	0.0334927	3.62E-05
11:109965300_A_G	rs74840329	11	109965300	G	A	1.37668	0.327804	0.0773855	3.62E-05
5:153614213_T_C	rs6880803	5	153614213	C	T	1.15343	0.143062	0.0348426	3.62E-05
17:61854706_G_A	rs559228345	17	61854706	G	A	0.292068	-7.10793	17.9085	3.62E-05
5:153613188_G_C	rs12659375	5	153613188	C	G	1.15287	0.143006	0.0348281	3.63E-05
19:15097867_T_C	rs62113325	19	15097867	C	T	1.23003	0.24132	0.0573928	3.63E-05
1:103457957_G_T	rs35613209	1	103457957	T	G	0.634213	-0.453131	0.115613	3.63E-05
16:9026656_A_C	rs117169990	16	9026656	C	A	1.30052	0.271762	0.0645032	3.63E-05
7:51700827_T_G	rs35520447	7	51700827	G	T	0.747905	-0.300543	0.0750649	3.63E-05
16:64881525_CA_C	rs112493182	16	64881525	C	CA	0.881145	-0.138622	0.0336553	3.64E-05
2:233648742_G_A	rs283480	2	233648742	A	G	1.15364	0.139105	0.0335865	3.64E-05
7:18211117_T_A	rs145741389	7	18211117	A	T	1.17745	0.158793	0.038159	3.64E-05
10:36072717_C_G	rs77549323	10	36072717	G	C	1.53904	0.574286	0.132308	3.65E-05
2:152646789_C_T	rs6718439	2	152646789	T	C	0.774527	-0.257752	0.0612872	3.66E-05
21:33596617_A_G	rs6517087	21	33596617	G	A	0.832436	-0.180613	0.0443707	3.66E-05
2:154908318_T_C	rs186807457	2	154908318	C	T	0.337929	-1.94123	0.74038	3.67E-05

11:90523470_C_G	rs4298861	11	90523470	G	C	0.87565	-0.134051	0.0325143	3.67E-05
4:128016148_T_G	rs1480900	4	128016148	G	T	0.820769	-0.199084	0.0490329	3.67E-05
8:21064564_T_C	rs113030337	8	21064564	C	T	1.36205	0.30312	0.0717863	3.67E-05
7:18200205_A_G	rs7788797	7	18200205	G	A	1.17753	0.158667	0.0381473	3.68E-05
1:103464181_GT_G	rs71592254	1	103464181	G	GT	0.635578	-0.447996	0.114241	3.69E-05
1:103470487_G_A	rs71664955	1	103470487	A	G	0.632466	-0.463793	0.118845	3.69E-05
8:63328401_C_G	rs62509253	8	63328401	G	C	0.614272	-0.523871	0.135647	3.69E-05
2:242443377_G_A	rs35172632	2	242443377	A	G	1.16921	0.158521	0.0381357	3.69E-05
2:242189829_C_T	rs61332497	2	242189829	T	C	1.15265	0.145313	0.0350502	3.70E-05
7:42269419_T_C	rs143127023	7	42269419	C	T	2.18569	0.841608	0.194307	3.70E-05
11:90533647_T_G	rs1404524	11	90533647	G	T	0.875463	-0.133824	0.0324699	3.70E-05
8:21053312_G_A	rs112657969	8	21053312	A	G	1.35876	0.303671	0.0719193	3.70E-05
8:21100526_C_G	rs112930598	8	21100526	G	C	1.354	0.297986	0.0706338	3.70E-05
7:29187780_T_A	rs717132	7	29187780	A	T	0.50277	-1.67511	0.618626	3.71E-05
8:14499642_A_C	rs56117011	8	14499642	C	A	1.14193	0.13536	0.0327837	3.71E-05
2:35869371_T_A	rs11690150	2	35869371	A	T	0.871589	-0.138261	0.0336569	3.72E-05
20:61623988_A_G	rs2427474	20	61623988	G	A	1.26947	0.234521	0.0581701	3.72E-05
2:35868294_G_T	rs1518648	2	35868294	T	G	0.871019	-0.138559	0.0337355	3.73E-05
5:164561873_C_G	rs114412751	5	164561873	G	C	0.536821	-0.927604	0.263487	3.73E-05
1:103465799_TG_T	rs34818719	1	103465799	T	TG	0.635732	-0.447684	0.114239	3.73E-05
7:115822036_C_T	rs67915501	7	115822036	T	C	0.856463	-0.151626	0.0370854	3.74E-05
8:144996029_A_G	rs7833924	8	144996029	G	A	1.14129	0.135172	0.0327594	3.74E-05
5:153635908_TTTTGT_G_T	rs372200828	5	153635908	T	TTTTGT	1.15357	0.144069	0.0351616	3.74E-05
9:27860416_T_TA	rs201478677	9	27860416	TA	T	0.636102	-0.489511	0.126518	3.75E-05
7:29187782_C_T	rs1403407	7	29187782	T	C	0.502994	-1.67393	0.618462	3.75E-05
16:9020809_T_G	rs2437713	16	9020809	G	T	0.768955	-0.271434	0.0645521	3.77E-05
4:187391215_C_A	rs6832915	4	187391215	A	C	1.17593	0.162189	0.0390578	3.77E-05
14:98969893_G_A	rs551195851	14	98969893	A	G	3.2299	1.38799	0.322702	3.77E-05
5:153625622_T_G	rs10070345	5	153625622	G	T	1.1529	0.142756	0.0348465	3.77E-05
17:12703937_C_A	rs8067753	17	12703937	A	C	1.27618	0.249465	0.0594916	3.78E-05
2:35870307_T_G	rs1401232	2	35870307	G	T	0.870423	-0.137509	0.0335033	3.78E-05
2:77820272_C_T	rs7563418	2	77820272	T	C	0.794929	-0.292951	0.0733077	3.80E-05
1:103458395_C_A	rs12724152	1	103458395	A	C	0.633629	-0.462821	0.118777	3.81E-05
8:43097454_C_A	rs59490370	8	43097454	A	C	1.10782	0.171075	0.0416774	3.81E-05
9:126303371_G_A	rs1888027	9	126303371	A	G	1.15362	0.148721	0.0359124	3.81E-05
8:11314540_T_G	rs546828863	8	11314540	G	T	2.94562	1.14619	0.268988	3.81E-05
8:11314544_C_G	rs568744315	8	11314544	G	C	2.94562	1.14619	0.268988	3.81E-05
16:9051334_C_G	.	16	9051334	G	C	1.62562	0.819597	0.185735	3.82E-05
19:15098660_C_T	rs73514057	19	15098660	T	C	1.22765	0.239656	0.0571712	3.82E-05
6:159337736_C_T	rs55885825	6	159337736	T	C	2.89093	1.27508	0.295661	3.82E-05
8:21103787_T_TA	rs200572949	8	21103787	TA	T	1.35297	0.297269	0.070586	3.82E-05
19:15099749_T_C	rs58339985	19	15099749	C	T	1.22779	0.239632	0.0571756	3.83E-05
2:35876391_C_T	rs12472936	2	35876391	T	C	0.783714	-0.245001	0.0609025	3.83E-05
11:90538099_A_G	rs10741376	11	90538099	G	A	0.873838	-0.134863	0.0328475	3.83E-05
1:247875689_A_G	rs7512807	1	247875689	G	A	0.80797	-0.220421	0.0545343	3.85E-05
13:49440238_T_C	rs9568104	13	49440238	C	T	0.796984	-0.227345	0.056397	3.85E-05
9:126297895_A_G	rs7026921	9	126297895	G	A	1.15326	0.148545	0.0358949	3.86E-05
8:145011204_A_G	rs6993938	8	145011204	G	A	1.14183	0.135687	0.0329216	3.86E-05
8:21100009_G_C	rs113554150	8	21100009	C	G	1.35332	0.296621	0.0704815	3.87E-05
13:49444769_G_A	rs28874599	13	49444769	A	G	0.796922	-0.229033	0.0568532	3.87E-05
8:21071130_T_A	rs113804976	8	21071130	A	T	1.35562	0.297318	0.0706642	3.88E-05
3:53666021_A_C	rs55676158	3	53666021	C	A	0.667141	-0.442814	0.11349	3.88E-05
1:18028172_T_C	rs113654291	1	18028172	C	T	1.28304	0.266644	0.063533	3.88E-05
6:156059415_A_ACT	rs76472845	6	156059415	ACT	A	1.5886	0.473709	0.121671	3.88E-05
4:9537122_TG_T	rs369144226	4	9537122	T	TG	1.10676	0.224591	0.0555707	3.89E-05
2:152574364_T_C	rs4266011	2	152574364	C	T	0.77727	-0.253688	0.0605545	3.89E-05
17:12702400_G_A	rs9303061	17	12702400	A	G	1.2769	0.250242	0.059769	3.90E-05
2:233861960_T_C	rs4643532	2	233861960	C	T	1.21991	0.194673	0.0480718	3.91E-05
2:40335294_G_C	rs6726788	2	40335294	C	G	0.771009	-0.256427	0.0611895	3.93E-05
4:143323662_T_G	rs11727850	4	143323662	G	T	0.432115	-1.15659	0.338755	3.94E-05
5:153627401_G_A	rs12108937	5	153627401	A	G	1.1525	0.142423	0.0348477	3.94E-05
11:127457853_G_A	rs181585452	11	127457853	A	G	0.40084	-1.19263	0.35424	3.96E-05
8:21053762_G_A	rs113840173	8	21053762	A	G	1.35604	0.304101	0.0723051	3.97E-05
12:29589302_CAT_C	rs146188676	12	29589302	C	CAT	0.81172	-0.241433	0.060266	3.98E-05
5:153666404_A_G	rs2443529	5	153666404	G	A	1.1518	0.143824	0.0352231	3.98E-05
6:74614782_G_A	rs13216692	6	74614782	A	G	1.31122	0.271891	0.0647788	3.98E-05
13:49443510_C_T	rs11617215	13	49443510	T	C	0.797332	-0.22813	0.05672	3.99E-05
8:145032332_C_CTG	rs74933891	8	145032332	CTG	C	1.13992	0.137157	0.0333312	3.99E-05
7:115825608_G_A	rs7459377	7	115825608	A	G	0.857056	-0.151128	0.0371032	4.00E-05
7:18222221_A_G	rs768958	7	18222221	G	A	1.176	0.157857	0.0381396	4.01E-05
7:115828661_C_G	rs4571677	7	115828661	G	C	0.857048	-0.15109	0.0370956	4.01E-05
7:115828970_AG_A	rs77894654	7	115828970	A	AG	0.857052	-0.151086	0.0370958	4.01E-05
16:26202384_T_C	rs3096417	16	26202384	C	T	0.874015	-0.135936	0.0332007	4.01E-05
7:18357192_A_G	rs610447	7	18357192	G	A	1.18761	0.166615	0.0402147	4.01E-05
2:242188032_T_C	rs62186367	2	242188032	C	T	1.15175	0.14463	0.0350546	4.03E-05
16:9000729_A_C	rs76426500	16	9000729	C	A	1.29724	0.268547	0.0641332	4.03E-05
5:153620581_T_G	rs10059636	5	153620581	G	T	1.15222	0.142243	0.0348478	4.03E-05
8:144999684_A_G	rs35916068	8	144999684	G	A	1.1413	0.13473	0.0327806	4.03E-05
5:92094679_G_A	rs192765358	5	92094679	A	G	3.1719	1.70208	0.405691	4.04E-05
1:103456262_C_T	rs34413966	1	103456262	T	C	0.637406	-0.446034	0.114282	4.04E-05
2:242395315_C_T	rs56057909	2	242395315	T	C	1.16537	0.155284	0.037566	4.04E-05
7:18157302_A_G	rs76146775	7	18157302	G	A	1.17896	0.163701	0.0395283	4.04E-05
8:145026450_T_C	rs11778018	8	145026450	C	T	1.14094	0.136139	0.0331166	4.04E-05
7:115812378_A_G	rs10953810	7	115812378	G	A	0.857481	-0.150913	0.0370734	4.05E-05

3:151106038_C_T	rs539172515	3	151106038	T	C	0.378908	-7.94912	19.368	4.05E-05
13:102123260_T_TAGCAGGA	rs143517563	13	102123260	TAGCAGCT		0.838609	-0.182075	0.0438816	4.07E-05
2:241920582_T_A	rs33920907	2	241920582	A	T	0.807529	-0.323538	0.0823338	4.07E-05
17:49803636_T_C	rs739434	17	49803636	C	T	0.85382	-0.161878	0.0398586	4.07E-05
2:152584153_A_C	rs4664499	2	152584153	C	A	0.777365	-0.25328	0.0606066	4.08E-05
16:8975585_C_G	rs143687234	16	8975585	G	C	1.29255	0.271553	0.0648896	4.10E-05
1:236214936_G_A	rs6675117	1	236214936	A	G	0.546719	-0.610862	0.160302	4.10E-05
15:27067503_G_A	rs8026046	15	27067503	A	G	0.874771	-0.135839	0.0330602	4.10E-05
4:128023369_C_A	rs1871737	4	128023369	A	C	0.820849	-0.198184	0.0491178	4.10E-05
17:12705706_G_C	rs9915247	17	12705706	C	G	1.27644	0.251437	0.0602194	4.10E-05
4:128023339_G_T	rs1871738	4	128023339	T	G	0.820858	-0.198174	0.0491182	4.11E-05
5:153631518_A_ATATT	rs14655604	5	153631518	ATATT	A	1.15212	0.142071	0.0348465	4.11E-05
8:21053764_G_A	rs111975482	8	21053764	A	G	1.35495	0.303391	0.0723044	4.13E-05
2:2509982_C_A	rs823555	2	2509982	A	C	1.30581	0.279988	0.0668519	4.14E-05
9:126297731_G_A	rs10818829	9	126297731	A	G	1.15273	0.147923	0.035888	4.14E-05
4:15335301_G_C	rs147465584	4	15335301	C	G	0.473506	-0.843098	0.232744	4.14E-05
10:115340598_C_T	rs10749137	10	115340598	T	C	1.14275	0.135127	0.0329294	4.15E-05
2:152586658_G_A	rs7557801	2	152586658	A	G	0.777635	-0.25296	0.0606052	4.16E-05
2:152588120_A_C	rs6433590	2	152588120	C	A	0.777635	-0.25296	0.0606052	4.16E-05
19:15098846_G_C	rs8106035	19	15098846	C	G	1.22617	0.238736	0.0572305	4.17E-05
19:15098841_C_T	rs8106090	19	15098841	T	C	1.22616	0.238739	0.0572329	4.17E-05
2:242177565_A_C	rs2289795	2	242177565	C	A	1.15163	0.144412	0.0350689	4.17E-05
19:15099313_C_T	rs62113326	19	15099313	T	C	1.22621	0.238484	0.0571824	4.18E-05
8:21091842_G_C	rs112331512	8	21091842	C	G	1.35169	0.295554	0.0705463	4.19E-05
7:115823069_T_C	rs60671526	7	115823069	C	T	0.85739	-0.150864	0.0371318	4.19E-05
21:27658992_C_T	rs560489957	21	27658992	T	C	1.32407	0.296064	0.0706084	4.19E-05
21:27658993_A_G	rs528436763	21	27658993	G	A	1.32407	0.296064	0.0706084	4.19E-05
21:27658994_T_C	rs544934162	21	27658994	C	T	1.32407	0.296064	0.0706084	4.19E-05
4:127992708_T_A	rs17291185	4	127992708	A	T	0.820583	-0.198271	0.0491979	4.19E-05
7:18216046_T_C	rs17138718	7	18216046	C	T	1.17595	0.158361	0.0383507	4.19E-05
5:153636188_G_A	rs7723957	5	153636188	A	G	1.15183	0.141996	0.0348659	4.19E-05
15:76602502_G_A	rs563640424	15	76602502	A	G	3.12143	1.34571	0.313688	4.20E-05
7:18392543_A_G	rs655828	7	18392543	G	A	1.18371	0.170117	0.0411448	4.20E-05
13:49438681_C_T	rs11617334	13	49438681	T	C	0.797813	-0.226164	0.056377	4.21E-05
8:21051328_C_G	rs111612918	8	21051328	G	C	1.35491	0.298196	0.071208	4.23E-05
8:21080230_C_G	rs17424764	8	21080230	G	C	1.3529	0.295971	0.0706943	4.23E-05
4:128092354_G_A	rs12809725	4	128092354	A	G	0.819531	-0.200311	0.0497466	4.23E-05
3:16667303_A_G	rs6765784	3	16667303	G	A	0.870572	-0.139083	0.0341415	4.25E-05
5:153611920_A_G	rs12654163	5	153611920	G	A	1.15208	0.141914	0.0348732	4.25E-05
15:76621011_C_T	rs183567687	15	76621011	T	C	3.12166	1.34753	0.31394	4.26E-05
1:103343274_T_C	rs12731575	1	103343274	C	T	0.720401	-0.315273	0.0796661	4.26E-05
18:70196191_A_ATG	rs201056337	18	70196191	ATG	A	0.842976	-0.177492	0.0439589	4.26E-05
5:2948688_G_A	rs576790804	5	2948688	A	G	3.21948	1.28212	0.300641	4.27E-05
5:153631160_T_C	rs6580065	5	153631160	C	T	1.15159	0.141792	0.0348531	4.27E-05
1:103453950_T_C	rs35498106	1	103453950	C	T	0.63842	-0.442671	0.113745	4.28E-05
1:103455655_T_C	rs71664951	1	103455655	C	T	0.63842	-0.442671	0.113745	4.28E-05
1:103465429_T_G	rs12753781	1	103465429	G	T	0.63842	-0.442671	0.113745	4.28E-05
1:103463563_T_A	rs12743150	1	103463563	A	T	0.638421	-0.442668	0.113745	4.28E-05
1:103463624_G_A	rs12723167	1	103463624	A	G	0.638421	-0.442668	0.113745	4.28E-05
13:49436021_T_C	rs11617791	13	49436021	C	T	0.797717	-0.226514	0.0565323	4.29E-05
3:180949021_T_A	rs184776630	3	180949021	A	T	0.381923	-1.4264	0.463845	4.29E-05
19:15092480_C_T	rs62113322	19	15092480	T	C	1.24169	0.225378	0.0542473	4.29E-05
2:95524472_GAGCT_G	.	2	95524472	G	GAGCT	0.449663	-1.22479	0.400862	4.30E-05
7:18215216_C_T	rs1961051	7	18215216	T	C	1.17598	0.1578	0.0382722	4.30E-05
1:194863756_T_C	rs12738151	1	194863756	C	T	0.774592	-0.258479	0.0647682	4.30E-05
7:116220684_T_C	rs117051822	7	116220684	C	T	0.434384	-1.54922	0.536593	4.31E-05
2:20441908_G_A	rs75023397	2	20441908	A	G	1.9236	0.736392	0.171459	4.31E-05
10:43011228_G_A	rs189235886	10	43011228	A	G	2.60118	0.954161	0.222907	4.32E-05
2:152642235_T_C	rs10754989	2	152642235	C	T	0.775647	-0.255327	0.0612877	4.32E-05
19:15014153_T_A	rs11882391	19	15014153	A	T	1.28354	0.262135	0.0628914	4.33E-05
9:121642355_AAC_A	rs71983622	9	121642355	A	AAC	0.811805	-0.266439	0.0636532	4.33E-05
8:144997927_G_A	rs7002002	8	144997927	A	G	1.13987	0.134653	0.0328978	4.33E-05
6:44607475_G_A	rs34700114	6	44607475	A	G	0.771502	-0.270953	0.0680056	4.33E-05
5:153646133_T_TA	rs70978533	5	153646133	TA	T	1.14542	0.143736	0.035354	4.33E-05
5:153634350_G_A	rs6873203	5	153634350	A	G	1.15147	0.141798	0.0348875	4.34E-05
16:85216200_G_C	rs11639883	16	85216200	C	G	0.873303	-0.146051	0.035962	4.35E-05
5:148432932_A_C	rs40525	5	148432932	C	A	0.849571	-0.160703	0.0397139	4.35E-05
19:18044029_C_G	rs62119773	19	18044029	G	C	0.433678	-1.25	0.380234	4.35E-05
1:103460043_C_T	rs78504529	1	103460043	T	C	0.638614	-0.445233	0.114621	4.36E-05
2:152664979_A_AT	rs36072126	2	152664979	AT	A	0.77373	-0.25825	0.0620119	4.37E-05
20:53568009_T_C	rs17000433	20	53568009	C	T	0.785756	-0.246159	0.0616513	4.38E-05
6:44609592_T_C	rs34881204	6	44609592	C	T	0.771689	-0.270783	0.0680098	4.39E-05
3:161102474_C_A	rs2061804	3	161102474	A	C	1.14588	0.134358	0.032809	4.39E-05
15:27067560_C_G	rs8027340	15	27067560	G	C	0.874438	-0.13505	0.0329917	4.39E-05
3:173540106_C_T	rs34096808	3	173540106	T	C	1.39944	0.344592	0.0820924	4.39E-05
7:18302095_C_T	rs80347421	7	18302095	T	C	1.26423	0.233736	0.0562305	4.40E-05
5:153619094_A_G	rs6580063	5	153619094	G	A	1.15	0.140644	0.0346257	4.41E-05
2:242190161_A_AG	rs3836132	2	242190161	AG	A	1.15077	0.143876	0.0350595	4.43E-05
16:26206263_C_T	rs17774978	16	26206263	T	C	0.859228	-0.15213	0.037564	4.43E-05
2:40335559_G_C	rs6727101	2	40335559	C	G	0.770837	-0.255229	0.0513268	4.43E-05
2:86238473_G_A	rs143559336	2	86238473	A	G	2.99351	1.14457	0.267134	4.43E-05
8:21086487_A_G	rs111609326	8	21086487	G	A	1.3501	0.29396	0.0704092	4.44E-05
1:103465596_G_A	rs12733933	1	103465596	A	G	0.639024	-0.442285	0.113877	4.44E-05
4:127564211_A_G	rs77565187	4	127564211	G	A	0.789985	-0.245004	0.06145	4.45E-05

6:74722344_G_T	rs62438977	6	74722344	T	G	1.43562	0.38018	0.0902595	4.46E-05
8:21089280_C_A	rs2045560	8	21089280	A	C	1.35009	0.294167	0.0704744	4.46E-05
5:153623855_A_G	rs10476799	5	153623855	G	A	1.15132	0.141474	0.0348598	4.46E-05
8:21109418_A_G	rs113780328	8	21109418	G	A	1.34669	0.297805	0.071286	4.46E-05
8:21109887_A_G	rs1459324	8	21109887	G	A	1.34668	0.297792	0.0712861	4.47E-05
7:18204018_T_C	rs13243921	7	18204018	C	T	1.17546	0.156982	0.0381647	4.47E-05
13:49435606_A_G	rs11618585	13	49435606	G	A	0.798642	-0.225408	0.0563888	4.48E-05
1:76997936_C_T	rs549519551	1	76997936	T	C	3.45873	1.50271	0.357729	4.49E-05
7:33983902_C_T	rs538048308	7	33983902	T	C	1.71841	0.5665	0.133305	4.49E-05
8:27197615_G_C	rs79242583	8	27197615	C	G	1.6136	0.489778	0.115856	4.51E-05
5:153623045_G_A	rs7716550	5	153623045	A	G	1.15095	0.141415	0.0348678	4.51E-05
13:49445415_G_A	rs112092583	13	49445415	A	G	0.798566	-0.226567	0.0567184	4.51E-05
17:75048890_A_C	rs665032	17	75048890	C	A	1.13196	0.136664	0.0335325	4.51E-05
8:21111264_C_A	rs111724756	8	21111264	A	C	1.34789	0.299266	0.0716731	4.51E-05
13:49443343_A_T	rs11619400	13	49443343	T	A	0.798575	-0.226551	0.0567168	4.52E-05
3:52827915_C_T	rs2239699	3	52827915	T	C	1.14513	0.140141	0.0342362	4.53E-05
8:145002536_G_A	rs7269398	8	145002536	A	G	1.14028	0.133805	0.0327735	4.53E-05
4:128103895_C_T	rs74287061	4	128103895	T	C	0.821927	-0.199211	0.0496667	4.54E-05
1:78648630_T_A	rs566156081	1	78648630	A	T	0.454895	-1.17139	0.348597	4.54E-05
11:60801694_T_G	rs72928548	11	60801694	G	T	1.26966	0.239839	0.0578055	4.54E-05
5:153623514_G_T	rs4958370	5	153623514	T	G	1.15115	0.1413	0.0348561	4.55E-05
15:34807409_A_C	rs558942665	15	34807409	C	A	0.320264	-2.48738	1.00737	4.55E-05
17:65066063_A_AT	rs11379535	17	65066063	AT	A	1.14494	0.141895	0.0346759	4.56E-05
11:95779082_T_C	rs201655551	11	95779082	C	T	0.445484	-1.68723	0.564895	4.56E-05
2:35888725_A_G	rs12466922	2	35888725	G	A	0.785115	-0.243902	0.0612296	4.56E-05
4:127553982_A_G	rs74455192	4	127553982	G	A	0.790508	-0.243232	0.0610657	4.57E-05
11:90518158_G_A	rs2213084	11	90518158	A	G	0.876648	-0.132726	0.0326106	4.57E-05
9:31399283_T_C	rs529460788	9	31399283	C	T	1.82525	0.651446	0.153025	4.58E-05
19:9314135_T_G	rs10415904	19	9314135	G	T	1.19983	0.186638	0.0452765	4.59E-05
6:108064197_G_A	rs78264449	6	108064197	A	G	1.45491	0.385521	0.0918548	4.60E-05
6:44608810_A_G	rs35863921	6	44608810	G	A	0.772172	-0.27008	0.0680102	4.60E-05
4:15278481_C_G	rs141990825	4	15278481	G	C	0.458474	-0.904957	0.25605	4.60E-05
5:153628249_A_G	rs12163989	5	153628249	G	A	1.15104	0.141196	0.0348522	4.60E-05
7:18186306_C_T	rs12699970	7	18186306	T	C	1.17564	0.158861	0.0386701	4.60E-05
7:33997408_G_C	rs180681105	7	33997408	C	G	1.71916	0.56307	0.132711	4.60E-05
21:23650122_GT_G	rs77504942	21	23650122	G	GT	1.1547	0.148464	0.0362366	4.61E-05
11:109964534_A_G	rs117936376	11	109964534	G	A	1.37002	0.318701	0.0763584	4.62E-05
16:87031225_G_A	rs75304375	16	87031225	A	G	0.880864	-0.135833	0.0332909	4.62E-05
13:110293457_G_A	rs7997265	13	110293457	A	G	1.17834	0.162147	0.0402377	4.63E-05
8:36268503_C_T	rs180796068	8	36268503	T	C	1.78972	0.631174	0.148377	4.63E-05
6:44609119_C_T	rs73440405	6	44609119	T	C	0.772243	-0.269974	0.0680097	4.63E-05
8:21111198_T_C	rs112197141	8	21111198	C	T	1.34589	0.297492	0.0713634	4.64E-05
2:95487883_G_A	rs181551895	2	95487883	A	G	0.40362	-8.04904	19.9706	4.64E-05
5:153642853_G_T	rs577471	5	153642853	T	G	1.15089	0.141192	0.0348687	4.64E-05
1:103630101_G_C	rs12140409	1	103630101	C	G	0.865365	-0.149119	0.0368948	4.65E-05
16:9056439_A_G	rs74010351	16	9056439	G	A	1.28308	0.265986	0.0640211	4.66E-05
5:153642670_C_T	rs575740	5	153642670	T	C	1.15077	0.141189	0.0348747	4.66E-05
5:153631681_G_A	rs971057	5	153631681	A	G	1.15088	0.141109	0.0348554	4.66E-05
2:152672482_T_A	rs10171724	2	152672482	A	T	0.774498	-0.257251	0.0620059	4.66E-05
5:153624558_T_G	rs6867821	5	153624558	G	T	1.1509	0.141097	0.0348582	4.67E-05
5:114777805_C_T	rs6594889	5	114777805	T	C	0.827946	-0.206934	0.0517728	4.67E-05
10:9731934_A_T	rs72773591	10	9731934	T	A	0.789522	-0.240302	0.0603254	4.68E-05
8:63347946_C_T	rs62511463	8	63347946	T	C	0.618691	-0.507916	0.132716	4.68E-05
5:153635262_G_A	rs3863199	5	153635262	A	G	1.15084	0.141046	0.0348505	4.68E-05
4:128107360_T_C	rs1600660	4	128107360	C	T	1.15995	0.151534	0.0375352	4.69E-05
5:153632848_G_A	rs9324768	5	153632848	A	G	1.15081	0.141038	0.0348538	4.70E-05
12:29538188_T_G	rs140931349	12	29538188	G	T	0.759767	-0.284054	0.0718393	4.71E-05
13:49435635_G_T	rs11616417	13	49435635	T	G	0.799047	-0.224876	0.0564118	4.71E-05
8:145001372_T_C	rs11782890	8	145001372	C	T	1.1401	0.133411	0.0327503	4.71E-05
1:103623462_A_G	rs140307564	1	103623462	G	A	1.30297	0.316243	0.0755211	4.72E-05
1:192864202_G_GA	rs555583652	1	192864202	GA	G	2.78857	1.50067	0.36489	4.72E-05
17:49804457_G_A	rs78707515	17	49804457	A	G	0.854599	-0.160542	0.0398597	4.72E-05
3:71837464_C_T	rs73092583	3	71837464	T	C	0.879257	-0.139384	0.0343836	4.73E-05
10:76253194_A_C	rs10762626	10	76253194	C	A	0.864745	-0.147581	0.0360701	4.73E-05
5:153627284_G_A	rs6873571	5	153627284	A	G	1.15008	0.141033	0.0348652	4.74E-05
15:31500802_A_G	rs2575897	15	31500802	G	A	0.881378	-0.13367	0.0328465	4.74E-05
8:21111079_T_C	rs112152711	8	21111079	C	T	1.34534	0.296901	0.0713241	4.75E-05
5:165900798_T_C	rs6897150	5	165900798	C	T	0.82679	-0.191838	0.0478911	4.75E-05
8:27205235_G_A	rs77178189	8	27205235	A	G	1.60919	0.48405	0.114919	4.76E-05
9:126293823_CCT_C	.	9	126293823	C	CCT	1.15134	0.147226	0.0360019	4.76E-05
7:115882599_G_C	rs58495099	7	115882599	C	G	0.856893	-0.151598	0.0375955	4.76E-05
6:118343709_AGAGGCAGAG	rs141918043	6	118343709	A	AGAGGCAC	0.593184	-0.555124	0.146248	4.77E-05
8:144996635_G_A	rs11786934	8	144996635	A	G	1.13985	0.133368	0.0327654	4.78E-05
2:35854171_A_AT	rs201596600	2	35854171	AT	A	0.790506	-0.240923	0.0606347	4.78E-05
13:49436914_T_C	rs12584241	13	49436914	C	T	0.799076	-0.224639	0.0563969	4.78E-05
13:28555260_G_A	rs7326855	13	28555260	A	G	1.1842	0.168862	0.0411548	4.79E-05
5:153631993_T_C	rs1422787	5	153631993	C	T	1.1507	0.140877	0.0348525	4.79E-05
5:153639656_T_A	rs2443515	5	153639656	A	T	1.15057	0.141007	0.0348865	4.79E-05
16:80491258_T_C	rs71398195	16	80491258	C	T	2.3362	1.00646	0.233563	4.79E-05
1:194873397_A_G	rs4657789	1	194873397	G	A	0.790014	-0.23734	0.0596815	4.79E-05
5:153630869_C_T	rs885382	5	153630869	T	C	1.15068	0.140861	0.0348525	4.80E-05
5:153628709_A_T	rs34761788	5	153628709	T	A	1.15068	0.14086	0.0348525	4.80E-05
8:21042883_G_A	rs142564721	8	21042883	A	G	1.38318	0.328231	0.0787378	4.80E-05
13:49436993_G_T	rs12583388	13	49436993	T	G	0.79905	-0.225038	0.0565231	4.81E-05



8:130778921_G_A	rs148784220	8	130778921	A	G	2.213	0.850621	0.198906	4.81E-05
1:103602849_A_G	rs12082871	1	103602849	G	A	0.864676	-0.167508	0.041703	4.82E-05
6:144949792_C_A	rs144371470	6	144949792	A	C	0.35143	-2.13022	0.839913	4.83E-05
10:109016441_G_A	rs185949383	10	109016441	A	G	0.552271	-0.725961	0.198759	4.84E-05
2:81010040_T_C	.	2	81010040	C	T	2.56391	1.44991	0.349187	4.85E-05
2:155004807_A_G	rs543747512	2	155004807	G	A	0.320533	-1.92905	0.748039	4.85E-05
8:144998190_A_G	rs2857829	8	144998190	G	A	1.13975	0.133208	0.0327567	4.86E-05
5:153640192_T_C	rs2034582	5	153640192	C	T	1.15046	0.140824	0.034868	4.86E-05
13:49445482_C_T	rs73182594	13	49445482	T	C	0.799295	-0.226191	0.0568708	4.86E-05
5:153629038_A_G	rs35561123	5	153629038	G	A	1.15049	0.140765	0.0348553	4.86E-05
5:153622812_C_T	rs2122896	5	153622812	T	C	1.15039	0.140751	0.0348511	4.86E-05
3:52823448_T_C	rs4687551	3	52823448	C	T	1.14121	0.139147	0.0341446	4.87E-05
3:30886628_C_A	rs4955341	3	30886628	A	C	0.867764	-0.140656	0.0348386	4.87E-05
7:18200463_A_C	rs1019068	7	18200463	C	A	1.17471	0.156651	0.03827	4.87E-05
3:52823430_T_G	rs4687550	3	52823430	G	T	1.14121	0.139143	0.0341441	4.87E-05
20:60656348_G_A	rs191904853	20	60656348	A	G	3.14126	1.67848	0.41238	4.89E-05
2:35869542_A_G	rs7597107	2	35869542	G	A	0.873421	-0.135849	0.0335805	4.89E-05
2:35869551_C_G	rs7570706	2	35869551	G	C	0.873421	-0.135849	0.0335805	4.89E-05
2:35869552_A_C	rs7597113	2	35869552	C	A	0.873421	-0.135849	0.0335805	4.89E-05
10:6087230_C_T	rs80037754	10	6087230	T	C	1.80967	0.651803	0.153507	4.89E-05
13:49436717_C_T	rs11148123	13	49436717	T	C	0.799456	-0.224398	0.0564134	4.89E-05
15:79342669_T_C	rs7166598	15	79342669	C	T	1.14646	0.139516	0.034223	4.90E-05
9:7335554_A_G	rs145319027	9	7335554	G	A	0.578794	-0.663468	0.178925	4.90E-05
17:67750689_A_G	rs956255	17	67750689	G	A	1.14228	0.13126	0.0323888	4.92E-05
7:115871544_C_CAGAGATGC	rs112696017	7	115871544	CAGAGA	C	0.85728	-0.153082	0.0380531	4.92E-05
16:9051336_C_G	.	16	9051336	G	C	1.59886	0.794825	0.182688	4.93E-05
17:80542787_G_A	rs112237713	17	80542787	A	G	1.29356	0.318705	0.0763448	4.93E-05
17:78667863_T_G	rs4889784	17	78667863	G	T	1.15217	0.144505	0.0354428	4.93E-05
5:153629068_C_T	rs11951742	5	153629068	T	C	1.15036	0.140676	0.0348603	4.93E-05
5:153623094_G_C	rs7720410	5	153623094	C	G	1.15008	0.140614	0.0348451	4.93E-05
5:153628958_A_G	rs17096217	5	153628958	G	A	1.1504	0.140655	0.0348598	4.94E-05
2:77776114_G_A	rs77516567	2	77776114	A	G	0.738168	-0.315155	0.0802613	4.94E-05
17:12707098_A_T	rs3785736	17	12707098	T	A	1.27553	0.249652	0.0604435	4.94E-05
2:242177143_C_CAT	rs74543909	2	242177143	CAT	C	1.13786	0.133521	0.0328505	4.94E-05
5:153642543_A_G	rs574750	5	153642543	G	A	1.15019	0.140717	0.03488	4.95E-05
5:153647229_G_A	rs473214	5	153647229	A	G	1.15028	0.140682	0.0348734	4.96E-05
5:153632651_G_A	rs4958720	5	153632651	A	G	1.15035	0.140596	0.0348518	4.96E-05
21:27657639_C_T	rs139777033	21	27657639	T	C	1.31618	0.287163	0.069217	4.96E-05
17:12705559_A_G	rs1990220	17	12705559	G	A	1.27003	0.245521	0.0594772	4.96E-05
19:9313967_T_C	rs10415454	19	9313967	C	T	1.19873	0.185912	0.0453014	4.96E-05
2:242394142_G_A	rs2302010	2	242394142	A	G	1.16669	0.157321	0.0384748	4.96E-05
13:49441288_C_T	rs9568105	13	49441288	T	C	0.799691	-0.225432	0.0567351	4.96E-05
5:153640877_G_A	rs10039223	5	153640877	A	G	1.15026	0.140667	0.0348728	4.96E-05
6:74678329_A_G	rs35602572	6	74678329	G	A	1.32286	0.27966	0.0673926	4.97E-05
13:49450428_A_G	rs73182602	13	49450428	G	A	0.80113	-0.225399	0.0567276	4.97E-05
6:134477771_C_T	rs142369417	6	134477771	T	C	0.430295	-1.10162	0.325098	4.98E-05
5:148430451_A_G	rs36080	5	148430451	G	A	0.850407	-0.159784	0.0397984	4.99E-05
7:18225694_A_G	rs778372	7	18225694	G	A	1.17142	0.155988	0.0381683	4.99E-05
8:144995736_G_A	rs11777402	8	144995736	A	G	1.13954	0.132966	0.0327502	4.99E-05
13:49435504_C_T	rs11616387	13	49435504	T	C	0.799633	-0.224168	0.0564196	4.99E-05