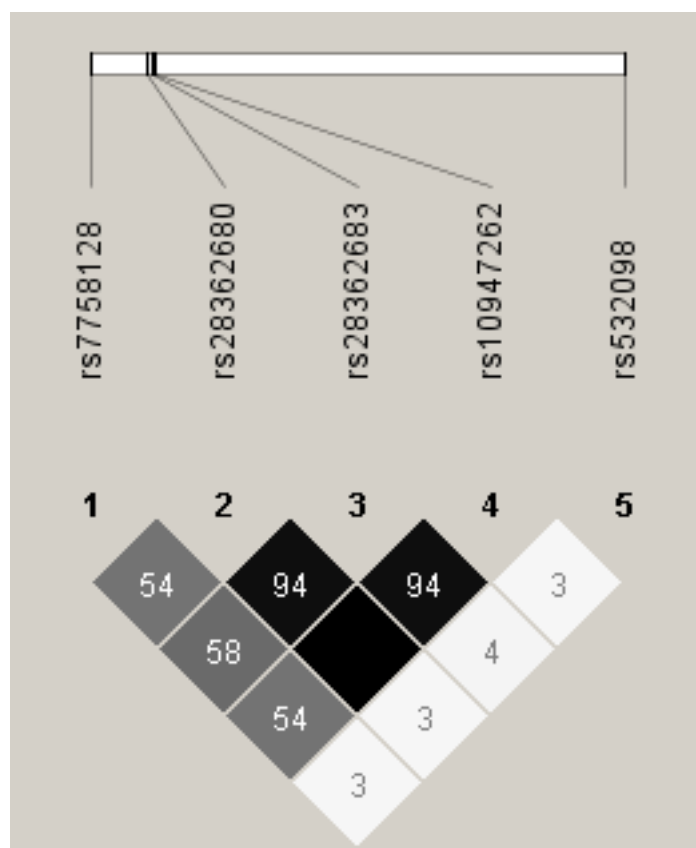


Supplementary Figure 1. LD plot of the five MHC SNPs that showed suggestive or significant evidence of association with generalized vitiligo age-of-onset. Pair-wise LD (r^2) values are shown.



Supplementary Table 1. SNPs with Strongest association with GV Age-of-Onset Genome-Wide

Chr.	Locus Region ^a	SNP	Location (nt)	Risk Allele	Risk Allele Frequency	Effect ^b (year)	p Value	PC corrected p Value ^c
6p21.3	<i>C6orf10/BTNL2</i>	rs7758128	32345283	A	0.06	-7.56	5.98E-09	9.94E-09
6p21.3	<i>C6orf10/BTNL2</i>	rs28362680	32370816	T	0.11	-4.84	1.48E-06	1.72E-06
6p21.3	<i>C6orf10/BTNL2</i>	rs28362683	32372963	T	0.11	-5.45	1.09E-07	1.49E-07
6p21.3	<i>C6orf10/BTNL2</i>	rs10947262	32373312	T	0.11	-4.84	1.48E-06	1.72E-06
6p21.3	<i>HLA-DRB1/-DQA1</i>	rs532098	32578052	T	0.60	-3.00	2.03E-06	2.03E-06

^a Genes in close proximity to the designated SNP.

^b Effect sizes are measured as additive effects, which correspond to the average change in phenotype with one wild-type allele is replaced with one risk allele.

^c Statistics were adjusted for potential population stratification by including as continuous covariates in the linear regression analysis the three significant principal components (PC; Tracy-Widom $p < 0.1$) in the GWA study samples detected by the EIGENSOFT package¹¹. SNP nucleotide positions are from GRCh37.

Supplementary Table 2. Association Analysis of MHC Region SNPs with Generalized Vitiligo Age-of-Onset

Chr.	SNP	Location (nt)	Minor allele		Effect (year)	p	PCA corrected p
			Minor allele	frequency			
6	rs6910741	25895575	C	0.15	-1.33	1.36E-01	1.48E-01
6	rs7748167	25904652	C	0.09	1.12	3.16E-01	3.49E-01
6	rs1865760	25916979	T	0.41	-0.08	8.97E-01	9.92E-01
6	rs7749342	25920265	C	0.49	0.25	6.97E-01	6.30E-01
6	rs2071297	25924513	G	0.41	-0.11	8.68E-01	9.79E-01
6	rs7770139	25925823	G	0.41	-0.11	8.68E-01	9.79E-01
6	rs3734523	25925987	T	0.08	1.05	3.54E-01	3.92E-01
6	rs10484431	25926674	G	0.26	-0.12	8.66E-01	7.99E-01
6	rs9295676	25928376	T	0.04	-2.58	1.19E-01	1.18E-01
6	rs199741	25931577	A	0.22	-0.55	4.62E-01	4.63E-01
6	rs6940007	25931957	C	0.08	1.05	3.54E-01	3.92E-01
6	rs199736	25936787	G	0.29	-0.18	7.92E-01	7.54E-01
6	rs1436307	25939723	A	0.41	-0.02	9.75E-01	9.15E-01
6	rs7746105	25944278	C	0.20	-0.27	7.34E-01	6.93E-01
6	rs2051541	25945211	C	0.50	0.24	7.02E-01	6.38E-01
6	rs6906576	25956501	T	0.05	-1.85	1.90E-01	2.12E-01
6	rs169219	25957392	G	0.38	0.28	6.70E-01	7.40E-01
6	rs199738	25963456	C	0.21	-0.14	8.60E-01	8.19E-01
6	rs2009610	25967068	A	0.25	0.58	4.29E-01	3.50E-01
6	rs2051538	25991620	T	0.16	0.21	8.02E-01	8.59E-01
6	rs2013063	25994098	A	0.44	-0.04	9.50E-01	9.32E-01
6	rs12216125	25997458	T	0.36	0.26	6.96E-01	5.90E-01
6	rs10484432	26008876	A	0.24	0.70	3.44E-01	2.66E-01
6	rs199750	26016462	C	0.29	-0.65	3.54E-01	3.33E-01
6	rs2237231	26017171	A	0.07	-1.61	1.82E-01	2.01E-01
6	rs16891235	26017542	C	0.09	1.70	1.21E-01	1.44E-01
6	rs9379818	26023206	T	0.43	-0.56	3.93E-01	4.90E-01
6	rs10484434	26031613	A	0.15	0.14	8.77E-01	9.27E-01
6	rs2213284	26031868	C	0.31	-0.55	4.24E-01	3.94E-01
6	rs2230655	26033506	C	0.30	-0.55	4.24E-01	3.94E-01
6	rs1540275	26036476	A	0.31	-0.55	4.24E-01	3.94E-01

6	rs2032447	26044369	T	0.32	-0.36	5.97E-01	5.58E-01
6	rs9689245	26050845	T	0.14	1.05	2.50E-01	2.65E-01
6	rs9295684	26069669	C	0.42	-0.58	3.78E-01	4.75E-01
6	rs2794719	26088890	C	0.42	-0.56	3.93E-01	4.89E-01
6	rs9366637	26089098	T	0.06	-1.83	1.68E-01	1.80E-01
6	rs1800562	26093141	A	0.06	0.14	9.13E-01	9.12E-01
6	rs1572982	26094367	A	0.46	0.11	8.54E-01	9.12E-01
6	rs707889	26095931	T	0.23	0.30	6.82E-01	5.80E-01
6	rs17596719	26097194	A	0.13	0.99	2.88E-01	2.88E-01
6	rs6918586	26097384	C	0.40	0.41	5.10E-01	5.85E-01
6	rs1543680	26103177	A	0.23	0.29	6.98E-01	5.96E-01
6	rs198853	26104096	C	0.30	-0.38	5.79E-01	5.49E-01
6	rs198845	26107790	T	0.36	-0.22	7.39E-01	7.03E-01
6	rs2051542	26108168	T	0.06	-1.93	1.35E-01	1.56E-01
6	rs16891315	26111756	C	0.10	1.33	2.14E-01	2.58E-01
6	rs933199	26112893	G	0.06	-1.84	1.53E-01	1.71E-01
6	rs198838	26113340	A	0.46	0.10	8.78E-01	9.37E-01
6	rs198834	26114372	A	0.36	-0.16	8.05E-01	7.70E-01
6	rs707896	26116424	A	0.17	0.09	9.14E-01	7.89E-01
6	rs198828	26119459	G	0.46	0.11	8.59E-01	9.14E-01
6	rs16891334	26124303	C	0.09	1.33	2.14E-01	2.58E-01
6	rs129128	26125342	G	0.14	-1.03	2.52E-01	2.40E-01
6	rs17531978	26129392	C	0.15	0.68	4.39E-01	4.57E-01
6	rs707899	26129948	T	0.17	0.24	7.73E-01	6.56E-01
6	rs198806	26133616	A	0.40	0.53	3.97E-01	4.59E-01
6	rs2856646	26135498	T	0.29	-0.19	7.81E-01	7.43E-01
6	rs7760713	26137652	G	0.06	-1.85	1.55E-01	1.81E-01
6	rs806970	26141375	T	0.07	0.00	9.99E-01	9.17E-01
6	rs806972	26148311	G	0.01	-2.22	4.11E-01	3.60E-01
6	rs806973	26148326	G	0.38	-0.69	2.84E-01	3.01E-01
6	rs16891359	26149000	C	0.04	-1.25	4.17E-01	4.35E-01
6	rs9379827	26153335	A	0.25	-0.62	3.93E-01	4.74E-01
6	rs3857546	26157762	T	0.11	-0.18	8.53E-01	7.62E-01
6	rs1009181	26158993	G	0.37	-0.48	4.63E-01	4.90E-01

6	rs9379829	26172219	T	0.24	-0.38	6.03E-01	6.91E-01
6	rs9379831	26175852	A	0.34	-0.59	3.82E-01	4.56E-01
6	rs4496782	26184617	C	0.23	-0.58	4.33E-01	4.40E-01
6	rs11751812	26187334	T	0.09	-1.08	3.17E-01	3.32E-01
6	rs806977	26189615	A	0.48	0.86	1.77E-01	1.99E-01
6	rs11753837	26190747	A	0.10	-0.94	3.81E-01	3.99E-01
6	rs1341758	26200518	T	0.05	-0.09	9.48E-01	9.86E-01
6	rs3757135	26200707	A	0.15	-0.63	4.79E-01	5.26E-01
6	rs2069018	26205718	G	0.15	-0.66	4.54E-01	5.10E-01
6	rs989710	26206074	T	0.06	-0.07	9.61E-01	9.55E-01
6	rs2022448	26207928	A	0.15	-0.59	5.00E-01	5.58E-01
6	rs11755943	26211368	G	0.15	-0.33	7.12E-01	7.69E-01
6	rs11753131	26219384	A	0.15	-0.42	6.35E-01	6.92E-01
6	rs11754368	26221173	A	0.09	-0.54	6.23E-01	6.34E-01
6	rs11757549	26231608	A	0.09	-0.54	6.23E-01	6.34E-01
6	rs10946808	26233387	G	0.30	-0.35	6.03E-01	6.57E-01
6	rs16891458	26234476	C	0.05	-0.06	9.64E-01	9.47E-01
6	rs9358913	26239404	G	0.28	-0.05	9.43E-01	9.98E-01
6	rs3734533	26240624	G	0.18	-1.39	8.00E-02	8.69E-02
6	rs1000308	26244580	A	0.05	0.24	8.70E-01	8.01E-01
6	rs6913828	26246664	T	0.06	0.28	8.39E-01	7.75E-01
6	rs11753610	26251601	C	0.13	-1.82	4.36E-02	4.37E-02
6	rs6935954	26255451	A	0.41	0.40	5.39E-01	5.68E-01
6	rs7773163	26267800	T	0.16	-1.53	7.44E-02	6.67E-02
6	rs9393692	26276650	A	0.43	0.63	3.19E-01	3.40E-01
6	rs6939589	26289203	T	0.44	0.41	5.11E-01	5.55E-01
6	rs9379844	26291527	A	0.40	0.42	5.10E-01	4.44E-01
6	rs1883214	26306684	A	0.18	-1.03	2.03E-01	2.13E-01
6	rs6923139	26313348	T	0.08	0.51	6.49E-01	7.10E-01
6	rs6903015	26322526	G	0.08	0.51	6.49E-01	7.10E-01
6	rs11754384	26322985	G	0.15	-1.69	5.29E-02	4.81E-02
6	rs3778279	26325463	C	0.44	0.32	6.11E-01	6.06E-01
6	rs2179152	26325888	T	0.37	0.30	6.49E-01	6.71E-01
6	rs6939048	26327953	G	0.37	0.30	6.49E-01	6.71E-01

6	rs9358927	26330492	G	0.40	0.48	4.45E-01	3.84E-01
6	rs2893842	26338434	G	0.32	0.22	7.47E-01	7.23E-01
6	rs9358929	26341062	A	0.19	-2.33	3.41E-03	2.73E-03
6	rs9467715	26341301	C	0.28	0.86	2.24E-01	2.16E-01
6	rs9461245	26354572	A	0.11	-1.10	2.61E-01	2.77E-01
6	rs6933583	26355283	C	0.26	-1.21	9.10E-02	9.98E-02
6	rs4712981	26361430	T	0.26	-1.27	7.67E-02	8.45E-02
6	rs12199613	26367218	T	0.36	-0.81	2.21E-01	2.73E-01
6	rs9379859	26369549	T	0.09	-0.05	9.65E-01	9.80E-01
6	rs10946818	26371006	A	0.16	-1.77	4.01E-02	3.15E-02
6	rs12176317	26372786	G	0.09	0.03	9.77E-01	9.61E-01
6	rs9379870	26374410	G	0.26	-1.22	8.89E-02	9.83E-02
6	rs13218591	26376832	C	0.27	-1.03	1.45E-01	1.64E-01
6	rs9461249	26383386	C	0.10	-0.61	5.57E-01	6.20E-01
6	rs1796518	26388672	T	0.35	-1.48	2.30E-02	2.26E-02
6	rs7756881	26389926	T	0.19	-0.87	2.85E-01	3.33E-01
6	rs7356849	26396739	C	0.14	-1.71	5.93E-02	6.24E-02
6	rs4712988	26399796	G	0.12	-1.59	9.97E-02	1.10E-01
6	rs1741738	26401252	G	0.15	-2.48	5.38E-03	4.55E-03
6	rs1796520	26410800	C	0.49	1.70	7.17E-03	9.40E-03
6	rs6900725	26413088	C	0.16	-1.23	1.48E-01	1.67E-01
6	rs4712990	26413744	A	0.11	-0.40	6.85E-01	7.12E-01
6	rs4320356	26423560	T	0.41	-0.58	3.62E-01	4.17E-01
6	rs10946829	26426487	A	0.16	-1.22	1.51E-01	1.71E-01
6	rs1741740	26428842	A	0.16	1.36	1.14E-01	1.39E-01
6	rs2893848	26430981	G	0.16	-1.23	1.47E-01	1.67E-01
6	rs1624440	26433329	G	0.49	1.72	6.44E-03	8.49E-03
6	rs12208390	26437106	T	0.10	0.19	8.56E-01	7.47E-01
6	rs2281027	26446705	C	0.02	-2.33	3.03E-01	2.85E-01
6	rs2237236	26451553	G	0.41	-0.66	3.03E-01	3.56E-01
6	rs9295690	26456069	C	0.21	-1.13	1.54E-01	1.62E-01
6	rs13195509	26463660	A	0.07	1.04	3.84E-01	3.97E-01
6	rs3799380	26467182	C	0.18	0.17	8.33E-01	8.19E-01
6	rs6927012	26471992	A	0.10	-2.84	7.09E-03	7.07E-03

6	rs7763910	26472655	A	0.40	-1.11	8.78E-02	1.00E-01
6	rs1407045	26476155	G	0.50	1.18	6.19E-02	7.34E-02
6	rs12208272	26477640	A	0.10	-0.34	7.40E-01	7.63E-01
6	rs9358946	26478927	A	0.17	0.01	9.88E-01	9.69E-01
6	rs16891725	26479150	T	0.10	0.98	3.53E-01	3.44E-01
6	rs9357008	26479891	G	0.22	-1.64	3.14E-02	3.66E-02
6	rs7756567	26481642	G	0.17	0.01	9.88E-01	9.69E-01
6	rs6456730	26484376	C	0.01	1.68	5.67E-01	6.08E-01
6	rs2093169	26495099	T	0.17	0.01	9.88E-01	9.69E-01
6	rs13194984	26500563	T	0.13	1.25	1.81E-01	2.11E-01
6	rs3736780	26505135	C	0.11	-2.62	1.20E-02	1.21E-02
6	rs3736781	26505362	A	0.47	1.05	9.90E-02	1.28E-01
6	rs6911330	26524313	G	0.11	-2.62	1.22E-02	1.24E-02
6	rs15580	26546048	C	0.10	-2.63	1.19E-02	1.21E-02
6	rs9379892	26582414	G	0.21	-1.26	1.03E-01	1.25E-01
6	rs9379895	26592707	G	0.20	0.32	6.89E-01	6.24E-01
6	rs12204145	26600156	A	0.10	-0.33	7.46E-01	8.34E-01
6	rs9379897	26601526	C	0.10	1.26	2.40E-01	2.26E-01
6	rs12205310	26605864	T	0.14	-0.41	6.48E-01	6.52E-01
6	rs6919391	26608325	G	0.38	-1.43	2.36E-02	2.92E-02
6	rs6911476	26612363	T	0.01	0.68	8.38E-01	9.28E-01
6	rs2451731	26624822	G	0.43	1.15	6.47E-02	9.02E-02
6	rs2451741	26629404	G	0.43	1.19	5.61E-02	7.85E-02
6	rs2451753	26649018	C	0.38	-1.39	2.77E-02	3.43E-02
6	rs2494711	26649421	T	0.38	-1.39	2.77E-02	3.43E-02
6	rs12201890	26662626	C	0.10	-0.44	6.65E-01	7.47E-01
6	rs7740197	26663478	G	0.20	0.43	5.85E-01	5.23E-01
6	rs6901497	26700509	A	0.06	-1.92	1.42E-01	1.62E-01
6	rs2498399	26706544	C	0.40	1.23	5.49E-02	7.65E-02
6	rs9467847	26709591	C	0.27	-0.68	3.30E-01	3.66E-01
6	rs3004047	26710391	A	0.14	-1.66	6.98E-02	7.73E-02
6	rs4711122	26758479	T	0.26	-0.80	2.59E-01	2.94E-01
6	rs9348738	26922906	C	0.12	-2.74	6.62E-03	8.60E-03
6	rs9393777	26942027	C	0.12	1.61	8.87E-02	8.00E-02

6	rs10946888	26951678	T	0.42	-0.72	2.63E-01	3.22E-01
6	rs7741445	26988992	T	0.10	-2.00	5.90E-02	6.41E-02
6	rs4358615	26998567	A	0.32	-0.65	3.45E-01	3.89E-01
6	rs4541737	27002821	T	0.09	-0.49	6.46E-01	7.06E-01
6	rs12527111	27006475	C	0.42	-0.70	2.78E-01	3.43E-01
6	rs12190473	27024687	T	0.19	-0.19	8.19E-01	8.61E-01
6	rs6916301	27042258	T	0.13	0.28	7.66E-01	7.19E-01
6	rs6904071	27047256	A	0.16	-0.72	4.07E-01	4.45E-01
6	rs994690	27047916	G	0.02	2.50	2.60E-01	2.65E-01
6	rs9368488	27052536	G	0.02	2.10	3.94E-01	3.72E-01
6	rs6921388	27080205	G	0.31	0.04	9.58E-01	8.77E-01
6	rs2393915	27080460	C	0.49	-0.94	1.40E-01	1.78E-01
6	rs7745603	27090404	T	0.21	0.36	6.37E-01	5.97E-01
6	rs6913660	27091425	A	0.16	-0.72	4.07E-01	4.45E-01
6	rs1321578	27104783	C	0.04	3.96	1.45E-02	1.62E-02
6	rs12193820	27113811	G	0.09	-0.51	6.40E-01	7.06E-01
6	rs9295730	27128806	C	0.31	0.01	9.85E-01	9.10E-01
6	rs1028308	27129757	T	0.31	0.06	9.34E-01	8.59E-01
6	rs858972	27154361	A	0.19	-0.27	7.43E-01	7.92E-01
6	rs1102563	27160095	A	0.25	0.66	3.67E-01	3.49E-01
6	rs7755577	27171437	C	0.12	0.23	8.16E-01	8.30E-01
6	rs12210982	27174235	T	0.06	-0.97	4.75E-01	5.17E-01
6	rs858985	27178028	A	0.10	-0.33	7.50E-01	8.15E-01
6	rs12153912	27179829	A	0.09	-0.54	6.21E-01	6.85E-01
6	rs13219354	27185664	C	0.09	0.40	7.15E-01	7.22E-01
6	rs1156086	27187355	G	0.27	0.67	3.53E-01	3.41E-01
6	rs996247	27193095	A	0.27	0.70	3.25E-01	3.08E-01
6	rs6918423	27194072	G	0.17	1.11	1.92E-01	2.02E-01
6	rs3800312	27210614	A	0.17	1.16	1.69E-01	1.78E-01
6	rs9393796	27226965	G	0.10	0.07	9.49E-01	8.98E-01
6	rs11758636	27229561	A	0.05	2.77	4.42E-02	4.61E-02
6	rs9295732	27230815	C	0.02	1.00	6.44E-01	6.80E-01
6	rs6915678	27235866	G	0.34	0.47	4.79E-01	4.29E-01
6	rs17687319	27238000	C	0.08	-0.01	9.94E-01	1.00E+00

6	rs6917419	27243480	T	0.11	-0.01	9.91E-01	9.61E-01
6	rs9379968	27244590	A	0.46	0.28	6.64E-01	6.23E-01
6	rs6932590	27248931	C	0.23	-0.35	6.47E-01	6.51E-01
6	rs7746199	27261324	T	0.15	0.13	8.80E-01	9.43E-01
6	rs7771953	27271343	A	0.41	0.37	5.63E-01	5.55E-01
6	rs9379976	27298200	C	0.24	0.44	5.53E-01	4.69E-01
6	rs9379977	27298279	C	0.24	0.43	5.59E-01	4.77E-01
6	rs721600	27298905	A	0.25	0.41	5.78E-01	4.92E-01
6	rs1156457	27300580	C	0.13	0.30	7.54E-01	7.40E-01
6	rs9461362	27303927	T	0.16	0.34	6.93E-01	6.46E-01
6	rs9461366	27310533	A	0.40	0.48	4.49E-01	3.77E-01
6	rs1011665	27332298	G	0.45	-0.01	9.88E-01	8.91E-01
6	rs6914864	27336489	T	0.36	-0.46	4.84E-01	4.49E-01
6	rs9468076	27338890	T	0.20	0.49	5.38E-01	4.44E-01
6	rs1883403	27350329	G	0.46	-0.04	9.53E-01	9.16E-01
6	rs2143062	27353852	A	0.23	-0.27	7.18E-01	7.79E-01
6	rs13220817	27356527	T	0.46	-0.11	8.59E-01	9.88E-01
6	rs10807020	27356902	A	0.25	-0.43	5.62E-01	6.01E-01
6	rs10807021	27356925	T	0.25	-0.50	5.03E-01	5.38E-01
6	rs2206251	27358392	C	0.25	-0.43	5.62E-01	6.01E-01
6	rs2076305	27375611	T	0.32	0.04	9.59E-01	9.40E-01
6	rs6938943	27376910	G	0.36	-0.17	7.99E-01	8.04E-01
6	rs7744655	27384069	A	0.01	2.47	4.57E-01	5.35E-01
6	rs6456785	27390399	T	0.43	0.04	9.56E-01	8.75E-01
6	rs6926142	27395764	T	0.44	0.17	7.90E-01	7.37E-01
6	rs1569566	27400031	G	0.35	-0.23	7.32E-01	7.58E-01
6	rs760880	27408181	C	0.34	0.06	9.29E-01	8.82E-01
6	rs7772160	27412386	C	0.44	0.05	9.36E-01	8.88E-01
6	rs1883216	27425185	C	0.36	-0.12	8.54E-01	8.84E-01
6	rs10946921	27431855	A	0.29	-0.65	3.61E-01	3.93E-01
6	rs7761966	27445703	T	0.47	-0.40	5.25E-01	4.51E-01
6	rs4713108	27458013	A	0.37	-0.09	8.85E-01	9.73E-01
6	rs10456051	27463436	C	0.08	1.34	2.49E-01	2.09E-01
6	rs16867808	27463684	C	0.08	-0.24	8.36E-01	9.00E-01

6	rs6903282	27466712	A	0.37	-0.14	8.30E-01	9.16E-01
6	rs12189640	27474657	C	0.08	1.34	2.49E-01	2.09E-01
6	rs2205829	27480227	G	0.48	-0.21	7.39E-01	8.39E-01
6	rs2205831	27480308	C	0.38	-0.34	6.06E-01	6.86E-01
6	rs6918131	27480917	G	0.30	-0.94	1.84E-01	2.06E-01
6	rs970668	27488602	T	0.11	-0.13	8.98E-01	8.88E-01
6	rs6904596	27491299	A	0.07	1.62	1.76E-01	1.93E-01
6	rs2064092	27511371	A	0.07	-1.15	3.31E-01	3.32E-01
6	rs6934794	27519345	A	0.19	-0.55	4.88E-01	4.88E-01
6	rs6908024	27526897	G	0.11	-0.35	7.39E-01	7.24E-01
6	rs10484399	27534528	G	0.07	1.48	2.32E-01	2.41E-01
6	rs6903982	27545744	C	0.07	-1.20	3.23E-01	3.04E-01
6	rs7774939	27547792	A	0.20	-0.40	6.13E-01	5.91E-01
6	rs4713113	27555126	A	0.20	-0.46	5.52E-01	5.38E-01
6	rs10946940	27560587	A	0.35	0.34	6.07E-01	5.84E-01
6	rs9461392	27566169	T	0.11	-0.41	6.93E-01	6.80E-01
6	rs2143082	27601587	G	0.13	0.16	8.70E-01	9.01E-01
6	rs6917366	27634640	T	0.19	0.47	5.69E-01	5.38E-01
6	rs9368521	27645278	C	0.09	-0.49	6.64E-01	6.44E-01
6	rs1010261	27655564	A	0.02	3.04	2.17E-01	2.38E-01
6	rs9348772	27656090	T	0.31	0.27	6.91E-01	6.84E-01
6	rs10946943	27656255	A	0.09	-0.49	6.64E-01	6.44E-01
6	rs9380006	27656499	C	0.18	0.51	5.42E-01	5.25E-01
6	rs6920044	27657647	A	0.09	-0.33	7.67E-01	7.47E-01
6	rs9380007	27660508	C	0.36	0.61	3.49E-01	3.54E-01
6	rs12663707	27668013	A	0.09	-0.33	7.67E-01	7.47E-01
6	rs17749927	27669976	G	0.07	1.48	2.32E-01	2.41E-01
6	rs2393997	27670697	T	0.13	-1.15	2.15E-01	2.37E-01
6	rs10484400	27670917	C	0.09	-0.33	7.67E-01	7.47E-01
6	rs4713118	27676794	G	0.24	0.80	2.62E-01	2.43E-01
6	rs9380010	27683572	G	0.22	0.36	6.30E-01	5.98E-01
6	rs9295740	27689502	A	0.16	0.03	9.73E-01	9.99E-01
6	rs9468209	27694421	T	0.36	0.47	4.68E-01	4.72E-01
6	rs9468213	27706180	A	0.32	0.14	8.38E-01	8.23E-01

6	rs4713119	27712825	G	0.14	-1.32	1.50E-01	1.66E-01
6	rs9283880	27715243	C	0.23	0.40	5.87E-01	5.61E-01
6	rs4713120	27721835	A	0.35	0.55	3.93E-01	3.98E-01
6	rs7776351	27726731	T	0.23	0.47	5.18E-01	4.98E-01
6	rs9295746	27730064	C	0.22	0.33	6.61E-01	6.17E-01
6	rs742047	27739380	G	0.21	0.70	3.61E-01	3.15E-01
6	rs6915101	27741682	T	0.01	1.46	5.84E-01	6.46E-01
6	rs9468226	27746178	G	0.04	-1.14	4.75E-01	5.08E-01
6	rs9295749	27767395	T	0.06	-1.05	4.30E-01	4.70E-01
6	rs9461412	27771654	C	0.04	-1.14	4.75E-01	5.08E-01
6	rs200479	27771684	C	0.02	1.67	4.19E-01	4.62E-01
6	rs200480	27773664	C	0.32	0.83	2.12E-01	2.13E-01
6	rs9295750	27784428	G	0.07	-0.98	4.20E-01	4.62E-01
6	rs12196939	27787990	A	0.17	-0.01	9.92E-01	9.30E-01
6	rs175597	27810626	G	0.08	1.81	1.12E-01	1.25E-01
6	rs200997	27811815	T	0.28	0.58	4.01E-01	3.89E-01
6	rs200991	27815494	T	0.13	1.04	2.75E-01	2.77E-01
6	rs13194781	27815639	G	0.07	1.68	1.74E-01	1.83E-01
6	rs9461416	27825860	A	0.04	-0.77	6.29E-01	6.84E-01
6	rs200951	27835930	G	0.25	0.82	2.57E-01	2.52E-01
6	rs200953	27837267	C	0.08	1.81	1.12E-01	1.25E-01
6	rs510987	27847517	A	0.25	0.87	2.34E-01	2.28E-01
6	rs200969	27859453	G	0.20	0.66	3.96E-01	3.79E-01
6	rs200968	27859568	G	0.15	1.45	9.59E-02	8.92E-02
6	rs1873213	27869321	C	0.03	-0.73	6.78E-01	7.17E-01
6	rs9468254	27884916	A	0.04	-0.37	8.26E-01	8.64E-01
6	rs731132	27885356	G	0.37	-0.03	9.60E-01	9.96E-01
6	rs2130357	27886830	T	0.26	0.06	9.34E-01	9.90E-01
6	rs6933825	27890631	G	0.13	0.13	8.87E-01	9.99E-01
6	rs156737	27895213	C	0.36	0.31	6.30E-01	6.94E-01
6	rs9468256	27895504	A	0.13	0.13	8.87E-01	9.99E-01
6	rs6910968	27904181	T	0.09	-0.05	9.61E-01	8.40E-01
6	rs7767176	27925367	A	0.07	-1.09	3.64E-01	2.85E-01
6	rs9380030	27925827	G	0.03	-1.78	3.50E-01	3.50E-01

6	rs2116984	27932762	A	0.13	0.21	8.15E-01	9.23E-01
6	rs13214703	27941387	C	0.08	0.49	6.72E-01	7.31E-01
6	rs12332927	27955115	C	0.12	-0.10	9.20E-01	9.57E-01
6	rs9357054	27957079	C	0.04	0.03	9.85E-01	9.98E-01
6	rs16893540	27958111	A	0.04	-0.45	7.83E-01	8.05E-01
6	rs149971	27982152	A	0.37	0.47	4.67E-01	5.24E-01
6	rs149990	27998258	A	0.10	0.83	4.30E-01	4.52E-01
6	rs17709145	28004556	G	0.06	0.60	6.49E-01	6.80E-01
6	rs2394044	28008331	C	0.05	-0.12	9.36E-01	9.57E-01
6	rs149900	28014597	T	0.21	0.46	5.47E-01	5.53E-01
6	rs9393879	28018944	A	0.05	0.45	7.55E-01	7.16E-01
6	rs203888	28021589	A	0.21	0.26	7.27E-01	7.51E-01
6	rs203890	28022248	C	0.21	0.26	7.27E-01	7.58E-01
6	rs9468276	28027688	C	0.22	0.34	6.52E-01	6.66E-01
6	rs149951	28033087	C	0.27	0.37	5.99E-01	5.94E-01
6	rs149957	28037020	T	0.08	-0.30	7.95E-01	8.14E-01
6	rs203877	28048624	C	0.27	0.50	4.80E-01	4.73E-01
6	rs17767294	28054198	G	0.09	0.62	5.67E-01	5.18E-01
6	rs10484404	28055495	T	0.10	-0.06	9.54E-01	8.22E-01
6	rs3734572	28059458	G	0.04	1.43	3.98E-01	4.36E-01
6	rs13197574	28060239	C	0.07	2.02	1.00E-01	1.05E-01
6	rs203885	28076886	A	0.05	0.78	5.82E-01	5.75E-01
6	rs1654774	28096280	C	0.42	0.34	5.87E-01	6.37E-01
6	rs6929559	28134106	C	0.09	0.16	8.83E-01	9.86E-01
6	rs9393902	28137730	G	0.04	-1.52	3.16E-01	3.13E-01
6	rs9380064	28143118	G	0.11	0.63	5.24E-01	5.44E-01
6	rs1150683	28155314	T	0.05	0.74	5.99E-01	6.07E-01
6	rs1233708	28173219	A	0.28	0.62	3.76E-01	3.80E-01
6	rs1233665	28178512	G	0.13	0.57	5.51E-01	6.54E-01
6	rs1150699	28181675	T	0.13	0.56	5.53E-01	6.63E-01
6	rs1150704	28184371	C	0.13	0.56	5.53E-01	6.63E-01
6	rs1233664	28185726	A	0.13	0.56	5.53E-01	6.63E-01
6	rs1736894	28186554	T	0.13	0.56	5.51E-01	6.61E-01
6	rs1736890	28189389	C	0.13	0.56	5.53E-01	6.63E-01

6	rs9380069	28203300	G	0.11	1.20	2.25E-01	2.30E-01
6	rs11752073	28204793	T	0.10	-0.20	8.51E-01	7.35E-01
6	rs9295768	28209102	A	0.17	0.79	3.53E-01	3.51E-01
6	rs967005	28210688	A	0.17	0.78	3.54E-01	3.51E-01
6	rs7757215	28212489	A	0.05	0.08	9.53E-01	9.31E-01
6	rs1233710	28215446	T	0.05	0.37	7.96E-01	7.25E-01
6	rs2235359	28215641	C	0.14	-0.25	7.88E-01	6.62E-01
6	rs12214383	28223731	T	0.40	0.48	4.60E-01	5.25E-01
6	rs12000	28227436	G	0.20	-0.33	6.77E-01	5.82E-01
6	rs1635	28227604	T	0.06	-0.41	7.55E-01	7.67E-01
6	rs9461446	28227633	T	0.05	-1.41	3.41E-01	3.33E-01
6	rs1778507	28230717	A	0.05	-1.46	3.13E-01	3.14E-01
6	rs2179174	28238969	C	0.20	-0.42	5.92E-01	5.00E-01
6	rs1419183	28242794	G	0.13	0.82	3.86E-01	4.06E-01
6	rs1150724	28250236	A	0.33	0.22	7.42E-01	8.50E-01
6	rs13211507	28257377	C	0.07	2.24	6.71E-02	7.04E-02
6	rs9461448	28263721	G	0.05	-1.97	1.69E-01	1.41E-01
6	rs3800324	28264681	A	0.06	0.35	7.99E-01	7.38E-01
6	rs2743554	28265640	C	0.06	-1.59	2.22E-01	1.87E-01
6	rs2281043	28268497	A	0.12	0.02	9.86E-01	8.83E-01
6	rs1997660	28269663	C	0.30	0.39	5.63E-01	6.60E-01
6	rs853693	28282648	T	0.30	0.35	6.03E-01	7.03E-01
6	rs853690	28285482	T	0.30	0.35	6.03E-01	7.03E-01
6	rs742107	28290714	G	0.06	0.34	8.06E-01	7.44E-01
6	rs853684	28294550	G	0.38	0.65	3.13E-01	3.63E-01
6	rs853679	28296863	T	0.13	0.56	5.49E-01	6.09E-01
6	rs853676	28299687	A	0.13	0.65	4.91E-01	5.47E-01
6	rs17312661	28300336	G	0.15	1.04	2.27E-01	2.68E-01
6	rs7772827	28301143	C	0.25	0.87	2.24E-01	2.71E-01
6	rs1416920	28302784	C	0.25	1.02	1.50E-01	1.86E-01
6	rs6912584	28309590	C	0.20	0.84	2.79E-01	3.63E-01
6	rs213240	28315875	C	0.38	0.73	2.55E-01	3.06E-01
6	rs1474589	28321544	A	0.12	-0.79	4.27E-01	3.18E-01
6	rs6922111	28325308	T	0.18	0.37	6.44E-01	7.85E-01

6	rs213230	28330264	G	0.23	0.38	6.02E-01	7.00E-01
6	rs213228	28331252	G	0.29	0.23	7.35E-01	8.79E-01
6	rs12661831	28337769	A	0.11	0.94	3.55E-01	3.41E-01
6	rs7774981	28346910	C	0.22	0.01	9.84E-01	8.58E-01
6	rs1556957	28349926	C	0.05	0.39	7.80E-01	7.75E-01
6	rs3799499	28354250	A	0.22	0.01	9.84E-01	8.58E-01
6	rs1361385	28358320	C	0.28	0.11	8.76E-01	9.80E-01
6	rs2232434	28358893	G	0.05	0.39	7.80E-01	7.75E-01
6	rs2232430	28359186	A	0.08	1.49	1.81E-01	1.62E-01
6	rs2232422	28366262	T	0.09	-0.78	4.97E-01	4.10E-01
6	rs2232419	28367768	T	0.04	-0.23	8.82E-01	9.22E-01
6	rs10484540	28387443	G	0.05	0.39	7.80E-01	7.75E-01
6	rs3800328	28390843	T	0.27	0.10	8.85E-01	9.67E-01
6	rs2859365	28391465	G	0.38	0.72	2.60E-01	3.22E-01
6	rs11752919	28403603	C	0.36	0.41	5.30E-01	6.78E-01
6	rs719370	28404353	T	0.02	1.73	4.54E-01	4.66E-01
6	rs916403	28408258	G	0.46	0.99	1.14E-01	1.55E-01
6	rs13190937	28411244	A	0.30	0.32	6.41E-01	8.12E-01
6	rs13215804	28415572	G	0.30	0.33	6.28E-01	7.97E-01
6	rs6903535	28417222	G	0.35	0.37	5.70E-01	7.24E-01
6	rs2531809	28421368	A	0.16	1.62	5.75E-02	4.97E-02
6	rs2859369	28421567	T	0.10	1.76	8.66E-02	7.42E-02
6	rs2859374	28428145	T	0.16	1.74	4.14E-02	3.54E-02
6	rs2531815	28436060	T	0.31	0.99	1.48E-01	1.71E-01
6	rs12663002	28441634	T	0.14	1.36	1.27E-01	1.12E-01
6	rs1029328	28447915	C	0.12	0.77	4.23E-01	4.89E-01
6	rs1015811	28448086	G	0.27	1.04	1.35E-01	1.51E-01
6	rs7770236	28450437	A	0.08	1.24	2.84E-01	2.67E-01
6	rs2859355	28461221	T	0.33	1.29	5.57E-02	6.55E-02
6	rs2191037	28466988	C	0.18	1.41	8.34E-02	6.91E-02
6	rs406113	28483482	C	0.33	1.32	5.07E-02	5.99E-02
6	rs11757000	28484869	C	0.15	0.58	5.16E-01	6.49E-01
6	rs445870	28494327	G	0.30	1.56	2.30E-02	2.53E-02
6	rs2064424	28495962	C	0.09	0.89	4.19E-01	3.79E-01

6	rs380879	28500449	G	0.09	1.45	1.84E-01	1.54E-01
6	rs448450	28501006	C	0.09	1.45	1.84E-01	1.54E-01
6	rs451774	28502550	G	0.29	1.05	1.26E-01	1.40E-01
6	rs13215054	28502794	A	0.21	1.04	1.75E-01	2.24E-01
6	rs392230	28504639	G	0.13	1.96	3.95E-02	3.41E-02
6	rs2394102	28512017	G	0.11	-0.94	3.60E-01	2.84E-01
6	rs393414	28521316	T	0.22	1.50	4.84E-02	4.79E-02
6	rs4711174	28532960	A	0.09	1.37	2.28E-01	2.07E-01
6	rs442439	28573006	A	0.31	1.08	1.05E-01	1.53E-01
6	rs911178	28574415	T	0.08	1.67	1.30E-01	1.26E-01
6	rs13193532	28622914	G	0.11	1.75	6.72E-02	8.07E-02
6	rs9295775	28627469	G	0.16	0.36	6.74E-01	7.18E-01
6	rs13194504	28630691	A	0.07	2.49	4.13E-02	4.27E-02
6	rs7767008	28630793	G	0.26	1.37	4.84E-02	6.51E-02
6	rs4713175	28635592	A	0.09	0.19	8.66E-01	8.89E-01
6	rs3864294	28641957	G	0.41	-1.39	3.06E-02	3.61E-02
6	rs9393921	28645170	T	0.44	1.55	1.46E-02	2.33E-02
6	rs9885928	28650353	A	0.44	1.55	1.46E-02	2.33E-02
6	rs1319075	28662521	C	0.43	1.62	1.14E-02	1.73E-02
6	rs7382112	28665109	G	0.41	1.47	2.14E-02	3.03E-02
6	rs6939576	28669315	A	0.29	1.80	8.21E-03	1.18E-02
6	rs1107159	28671723	C	0.08	0.99	3.96E-01	4.22E-01
6	rs9366725	28685981	C	0.48	0.68	2.70E-01	3.25E-01
6	rs6909960	28688921	A	0.08	0.99	3.96E-01	4.22E-01
6	rs9468413	28689672	C	0.14	0.62	4.86E-01	5.72E-01
6	rs1954407	28695149	G	0.10	0.73	4.86E-01	5.17E-01
6	rs7755641	28699369	C	0.05	1.80	2.20E-01	2.49E-01
6	rs6456834	28700352	T	0.14	0.64	4.74E-01	5.60E-01
6	rs7766599	28703432	T	0.06	1.76	2.00E-01	2.23E-01
6	rs1233579	28712663	G	0.07	2.39	4.90E-02	5.13E-02
6	rs1233585	28716345	G	0.15	1.77	4.13E-02	4.60E-02
6	rs1233602	28733403	G	0.50	-0.38	5.49E-01	6.25E-01
6	rs1233615	28739584	A	0.47	0.61	3.37E-01	3.78E-01
6	rs1233621	28747643	C	0.46	0.88	1.65E-01	1.92E-01

6	rs1233627	28751727	C	0.49	0.62	3.21E-01	3.87E-01
6	rs9257181	28754520	T	0.28	-0.43	5.34E-01	5.16E-01
6	rs1810750	28762999	C	0.04	1.09	5.09E-01	5.36E-01
6	rs7767099	28768698	T	0.07	2.42	4.29E-02	4.38E-02
6	rs4324798	28776117	A	0.07	2.45	4.01E-02	4.08E-02
6	rs209181	28792477	T	0.11	2.01	3.64E-02	4.01E-02
6	rs4713182	28833225	A	0.09	0.91	3.94E-01	4.26E-01
6	rs3131093	28837437	T	0.07	2.42	4.29E-02	4.38E-02
6	rs209160	28839879	C	0.50	0.67	2.82E-01	3.33E-01
6	rs209152	28846462	C	0.47	0.60	3.41E-01	3.99E-01
6	rs1016472	28851367	C	0.27	-0.79	2.67E-01	2.47E-01
6	rs9257319	28851637	G	0.16	-1.24	1.57E-01	1.72E-01
6	rs209139	28863483	T	0.05	0.21	8.84E-01	9.48E-01
6	rs2269553	28876509	A	0.22	-0.91	2.36E-01	2.32E-01
6	rs2894066	28893927	A	0.37	0.29	6.57E-01	7.07E-01
6	rs3763338	28894311	T	0.10	0.75	4.77E-01	5.17E-01
6	rs2071790	28911802	T	0.49	0.46	4.65E-01	5.41E-01
6	rs2071789	28912076	A	0.16	-0.95	2.74E-01	2.93E-01
6	rs2071788	28912307	A	0.09	0.74	4.94E-01	5.33E-01
6	rs9257403	28916972	T	0.32	-0.27	6.90E-01	6.55E-01
6	rs1476016	28922719	T	0.49	0.55	3.83E-01	4.54E-01
6	rs9257425	28936556	G	0.29	-0.83	2.39E-01	2.09E-01
6	rs3135322	28946920	G	0.49	0.57	3.61E-01	4.31E-01
6	rs3130837	28948092	T	0.07	2.52	3.50E-02	3.50E-02
6	rs3129791	28954293	A	0.07	2.63	2.73E-02	2.71E-02
6	rs6456880	28963248	G	0.42	-0.15	8.13E-01	7.12E-01
6	rs9257453	28968930	G	0.09	-2.45	2.51E-02	2.47E-02
6	rs9295784	28969148	C	0.04	1.36	3.75E-01	4.12E-01
6	rs6923005	28976071	C	0.26	-0.11	8.77E-01	8.10E-01
6	rs3130893	28980707	G	0.07	2.62	2.78E-02	2.76E-02
6	rs6930903	28981244	G	0.26	-0.15	8.29E-01	7.63E-01
6	rs2394512	28992184	G	0.41	-0.18	7.76E-01	6.68E-01
6	rs7741520	28994570	G	0.24	-0.15	8.32E-01	7.39E-01
6	rs10484544	28995719	C	0.16	-0.17	8.40E-01	8.02E-01

6	rs16894557	28999826	A	0.08	1.01	3.93E-01	3.70E-01
6	rs6456889	29010824	C	0.24	-0.19	7.92E-01	7.05E-01
6	rs7341218	29012116	A	0.16	-0.23	7.84E-01	7.43E-01
6	rs2143574	29014026	T	0.41	-0.11	8.67E-01	7.43E-01
6	rs9501294	29021017	A	0.16	1.29	1.23E-01	1.50E-01
6	rs7747023	29025680	G	0.16	1.25	1.34E-01	1.62E-01
6	rs3117143	29031142	A	0.07	2.50	3.67E-02	3.60E-02
6	rs9348821	29047203	G	0.16	1.25	1.34E-01	1.62E-01
6	rs7752270	29053998	A	0.08	-2.83	1.48E-02	1.28E-02
6	rs2142905	29064772	C	0.16	0.08	9.24E-01	9.81E-01
6	rs4713201	29067263	C	0.09	0.90	3.97E-01	4.22E-01
6	rs3129106	29081161	G	0.16	-0.03	9.73E-01	8.82E-01
6	rs3129110	29085228	G	0.41	-0.03	9.63E-01	8.33E-01
6	rs3130778	29099579	T	0.40	-0.01	9.86E-01	8.53E-01
6	rs9295794	29104935	A	0.09	0.90	3.97E-01	4.22E-01
6	rs3130718	29114621	G	0.48	0.70	2.62E-01	3.37E-01
6	rs3116847	29118813	C	0.15	0.24	7.87E-01	8.48E-01
6	rs3130729	29125747	G	0.48	0.70	2.61E-01	3.37E-01
6	rs3129157	29141743	A	0.03	-2.00	2.61E-01	2.14E-01
6	rs3116817	29149561	G	0.43	0.56	3.80E-01	4.59E-01
6	rs1883329	29177102	T	0.23	-0.92	2.21E-01	1.86E-01
6	rs2206040	29178514	T	0.48	0.73	2.40E-01	3.11E-01
6	rs2206041	29178606	T	0.48	0.73	2.40E-01	3.11E-01
6	rs3130817	29179237	G	0.18	1.75	2.69E-02	3.06E-02
6	rs3130826	29181314	G	0.23	-0.92	2.21E-01	1.86E-01
6	rs3116837	29184660	T	0.23	-0.92	2.21E-01	1.86E-01
6	rs3129105	29213070	A	0.48	0.60	3.36E-01	4.25E-01
6	rs3117328	29230577	G	0.45	0.51	4.12E-01	4.97E-01
6	rs3130827	29230683	T	0.34	1.09	9.91E-02	1.20E-01
6	rs6904130	29235193	C	0.08	-2.31	5.09E-02	4.45E-02
6	rs7766902	29236645	T	0.11	0.34	7.25E-01	7.70E-01
6	rs3130830	29236722	G	0.45	0.55	3.77E-01	4.57E-01
6	rs3117326	29240378	A	0.07	2.52	3.50E-02	3.50E-02
6	rs9468508	29253756	T	0.04	1.38	3.85E-01	4.16E-01

6	rs1884123	29256420	T	0.34	1.14	8.23E-02	1.01E-01
6	rs1033569	29257772	G	0.37	1.03	1.07E-01	1.32E-01
6	rs16867628	29266497	A	0.08	1.26	2.85E-01	2.72E-01
6	rs4594993	29270498	G	0.09	-1.63	1.31E-01	1.15E-01
6	rs3117426	29272012	T	0.18	1.38	8.31E-02	9.18E-02
6	rs9257694	29274486	T	0.45	0.71	2.60E-01	3.20E-01
6	rs17404424	29275298	A	0.04	-1.34	3.80E-01	3.37E-01
6	rs9257696	29275507	C	0.16	-0.01	9.86E-01	9.40E-01
6	rs10456370	29280736	C	0.49	-0.78	2.17E-01	2.52E-01
6	rs4713208	29283579	T	0.35	0.45	4.87E-01	5.86E-01
6	rs720831	29284518	T	0.35	0.46	4.71E-01	5.67E-01
6	rs12660111	29296148	T	0.15	0.43	6.28E-01	5.78E-01
6	rs9357078	29297666	T	0.11	0.06	9.50E-01	1.00E+00
6	rs6930435	29301222	A	0.20	0.70	3.56E-01	4.17E-01
6	rs1014258	29310681	A	0.20	0.69	3.66E-01	4.29E-01
6	rs6930033	29323905	C	0.15	0.53	5.45E-01	4.96E-01
6	rs10484546	29324599	C	0.15	0.50	5.72E-01	5.22E-01
6	rs9380120	29335537	C	0.11	0.09	9.27E-01	9.76E-01
6	rs9257794	29335661	T	0.19	2.04	9.08E-03	8.31E-03
6	rs6934993	29337500	G	0.19	2.02	9.91E-03	9.17E-03
6	rs7753474	29341308	A	0.21	-0.25	7.36E-01	6.96E-01
6	rs3749971	29342775	T	0.08	2.09	7.28E-02	7.09E-02
6	rs9257802	29343355	T	0.17	0.83	3.15E-01	3.18E-01
6	rs4598109	29344704	C	0.49	0.97	1.27E-01	1.54E-01
6	rs238883	29346226	C	0.31	0.67	3.21E-01	3.61E-01
6	rs238872	29351873	G	0.43	0.83	1.90E-01	2.22E-01
6	rs3094556	29353408	A	0.43	0.73	2.49E-01	2.87E-01
6	rs3094551	29354799	T	0.39	0.70	2.78E-01	3.00E-01
6	rs3094550	29354809	G	0.39	0.71	2.71E-01	2.92E-01
6	rs238869	29355113	G	0.32	0.98	1.46E-01	1.69E-01
6	rs3094549	29355148	G	0.32	-0.12	8.63E-01	8.50E-01
6	rs1419638	29355519	A	0.37	-0.36	5.81E-01	4.90E-01
6	rs4711185	29356046	A	0.42	-0.82	1.93E-01	1.92E-01
6	rs9257809	29356331	G	0.08	2.77	1.66E-02	1.60E-02

6	rs379157	29356587	C	0.42	0.81	2.02E-01	2.33E-01
6	rs9393956	29357645	G	0.05	-1.45	3.05E-01	3.33E-01
6	rs16894836	29361707	G	0.13	-0.31	7.45E-01	7.52E-01
6	rs1028411	29367399	C	0.47	-0.75	2.25E-01	2.10E-01
6	rs9257837	29368021	T	0.15	-0.52	5.45E-01	5.02E-01
6	rs9257843	29368665	C	0.49	-0.45	4.65E-01	4.30E-01
6	rs9405124	29368813	G	0.32	-0.67	3.24E-01	3.33E-01
6	rs2394604	29369268	A	0.15	-0.34	6.90E-01	6.38E-01
6	rs1419633	29373213	A	0.49	-0.51	4.15E-01	3.80E-01
6	rs1419632	29373249	G	0.49	-0.49	4.33E-01	3.98E-01
6	rs3131024	29385237	T	0.10	0.40	7.20E-01	7.42E-01
6	rs2523421	29390440	C	0.10	-0.83	4.31E-01	4.93E-01
6	rs7770592	29395747	A	0.34	-0.27	6.80E-01	6.69E-01
6	rs9295805	29397779	T	0.32	-0.70	3.04E-01	3.11E-01
6	rs3131025	29398815	A	0.30	-0.46	5.04E-01	4.76E-01
6	rs2074469	29407970	G	0.18	0.29	7.22E-01	7.73E-01
6	rs2074466	29408313	T	0.15	-0.37	6.63E-01	6.21E-01
6	rs2074464	29408528	T	0.47	-0.73	2.57E-01	2.60E-01
6	rs7765791	29410093	C	0.03	0.85	6.55E-01	7.06E-01
6	rs2523442	29417817	G	0.25	-0.24	7.38E-01	7.96E-01
6	rs9257863	29425584	G	0.15	-0.31	7.18E-01	6.69E-01
6	rs2107191	29434295	G	0.45	-0.73	2.52E-01	2.70E-01
6	rs4713226	29434414	A	0.10	-0.46	6.51E-01	6.41E-01
6	rs1362076	29441169	A	0.01	0.40	8.92E-01	9.31E-01
6	rs7751705	29441618	T	0.03	-0.97	6.15E-01	5.36E-01
6	rs2746150	29442701	T	0.08	2.65	2.29E-02	2.24E-02
6	rs2523444	29442831	T	0.07	-1.29	2.97E-01	3.39E-01
6	rs1233492	29458477	C	0.26	-0.16	8.17E-01	8.79E-01
6	rs6906307	29463892	G	0.03	-0.72	7.13E-01	6.29E-01
6	rs1345227	29466956	G	0.40	-0.59	3.68E-01	3.75E-01
6	rs7746192	29468207	T	0.01	-0.86	7.71E-01	7.56E-01
6	rs1233487	29468809	C	0.23	0.85	2.42E-01	2.68E-01
6	rs757256	29472916	A	0.42	0.89	1.64E-01	1.43E-01
6	rs734959	29474662	C	0.41	-0.53	4.14E-01	4.23E-01

6	rs3131020	29475902	T	0.42	0.88	1.67E-01	1.47E-01
6	rs3131021	29476142	A	0.43	-0.71	2.66E-01	2.51E-01
6	rs3094572	29480993	A	0.41	-0.69	2.88E-01	2.94E-01
6	rs1592411	29483911	A	0.43	0.63	3.25E-01	3.07E-01
6	rs3094564	29486345	G	0.41	-0.62	3.38E-01	3.43E-01
6	rs969931	29494897	C	0.49	0.57	3.56E-01	3.78E-01
6	rs9501676	29496776	A	0.01	2.10	4.25E-01	4.98E-01
6	rs9501677	29497002	A	0.03	1.13	5.42E-01	6.65E-01
6	rs909968	29499505	A	0.45	0.39	5.36E-01	5.24E-01
6	rs9461533	29501422	G	0.02	2.68	3.03E-01	3.61E-01
6	rs446198	29507426	A	0.46	0.49	4.37E-01	4.34E-01
6	rs2534795	29511341	A	0.26	-0.28	6.93E-01	7.36E-01
6	rs3094575	29515802	T	0.25	-0.52	4.72E-01	4.44E-01
6	rs3094576	29516242	A	0.14	-0.61	5.10E-01	5.08E-01
6	rs376681	29517093	C	0.46	0.46	4.61E-01	4.56E-01
6	rs17351888	29519173	C	0.07	-0.49	6.92E-01	6.18E-01
6	rs2534790	29524168	A	0.26	-0.47	5.07E-01	5.49E-01
6	rs2745412	29524401	T	0.07	-1.63	1.83E-01	2.13E-01
6	rs2272991	29527599	G	0.03	1.26	4.69E-01	5.78E-01
6	rs362511	29530850	C	0.22	-0.54	4.76E-01	5.01E-01
6	rs362529	29530868	A	0.15	-0.38	6.69E-01	6.24E-01
6	rs459970	29531253	T	0.08	-1.61	1.63E-01	1.70E-01
6	rs388234	29533295	G	0.36	0.04	9.56E-01	9.51E-01
6	rs3094577	29533870	A	0.41	-0.62	3.42E-01	3.45E-01
6	rs1235162	29537224	C	0.08	2.49	2.93E-02	2.97E-02
6	rs1233400	29537975	T	0.17	-0.14	8.74E-01	9.29E-01
6	rs1233399	29539482	T	0.21	0.19	8.09E-01	7.53E-01
6	rs3025652	29539765	T	0.14	-0.90	3.38E-01	2.99E-01
6	rs362510	29540745	A	0.21	0.17	8.25E-01	7.63E-01
6	rs3117073	29544825	G	0.31	-1.26	6.72E-02	7.57E-02
6	rs1233397	29545715	C	0.23	-0.04	9.57E-01	9.71E-01
6	rs12530421	29549443	C	0.05	0.24	8.66E-01	9.31E-01
6	rs1233391	29550618	G	0.20	0.33	6.67E-01	6.59E-01
6	rs362521	29556759	A	0.05	-0.28	8.49E-01	7.67E-01

6	rs1233386	29558190	A	0.14	0.06	9.44E-01	9.03E-01
6	rs1233384	29559295	A	0.14	0.06	9.44E-01	9.03E-01
6	rs3025646	29566842	G	0.05	-0.48	7.31E-01	6.50E-01
6	rs3025643	29569955	T	0.37	-1.64	1.32E-02	1.42E-02
6	rs3025642	29570316	T	0.04	4.41	8.89E-03	6.69E-03
6	rs2267633	29570841	G	0.10	2.00	6.30E-02	6.39E-02
6	rs2076483	29571545	C	0.10	2.02	6.13E-02	6.22E-02
6	rs10946999	29571609	T	0.11	0.23	8.19E-01	8.05E-01
6	rs740884	29574631	T	0.05	2.06	1.43E-01	1.33E-01
6	rs740882	29575456	A	0.08	3.17	5.88E-03	4.28E-03
6	rs29230	29576393	C	0.14	2.00	3.02E-02	2.92E-02
6	rs29225	29581041	C	0.08	3.17	5.88E-03	4.28E-03
6	rs29246	29588146	C	0.04	1.59	3.23E-01	3.13E-01
6	rs1233374	29608694	G	0.08	2.40	4.60E-02	3.52E-02
6	rs29232	29611431	A	0.35	-1.31	4.56E-02	4.10E-02
6	rs3131854	29611885	A	0.21	-0.11	8.94E-01	8.58E-01
6	rs3129073	29615822	C	0.16	1.41	9.12E-02	9.37E-02
6	rs29234	29624112	G	0.04	5.22	9.76E-04	1.04E-03
6	rs3135050	29628437	T	0.16	-0.23	7.91E-01	7.85E-01
6	rs3130252	29631744	C	0.16	-0.19	8.30E-01	8.22E-01
6	rs3130253	29634012	A	0.09	-0.23	8.35E-01	8.52E-01
6	rs1318631	29635508	A	0.29	-0.40	5.66E-01	5.69E-01
6	rs2071653	29635928	T	0.20	-0.14	8.59E-01	8.25E-01
6	rs2535246	29636409	C	0.19	-2.41	2.48E-03	2.50E-03
6	rs9257936	29639776	T	0.13	-1.05	2.62E-01	3.08E-01
6	rs9257940	29642509	G	0.03	0.09	9.62E-01	9.91E-01
6	rs2535238	29645038	T	0.19	1.44	7.25E-02	7.43E-02
6	rs2747430	29648506	A	0.25	2.54	6.33E-04	5.82E-04
6	rs3129054	29649056	A	0.32	-0.50	4.56E-01	4.77E-01
6	rs3117292	29652199	G	0.37	0.05	9.36E-01	8.97E-01
6	rs3117294	29653329	G	0.33	-0.15	8.17E-01	8.50E-01
6	rs2747453	29654943	C	0.18	-2.24	5.87E-03	6.39E-03
6	rs2747454	29655113	A	0.26	-1.74	1.59E-02	1.58E-02
6	rs2747457	29656417	G	0.19	1.33	9.45E-02	9.64E-02

6	rs3131888	29663889	G	0.39	-0.43	4.98E-01	4.85E-01
6	rs3131875	29666111	G	0.50	0.77	2.28E-01	2.28E-01
6	rs7776082	29667273	A	0.41	-0.07	9.06E-01	8.88E-01
6	rs3129066	29668537	C	0.21	1.77	2.30E-02	2.35E-02
6	rs3129055	29670261	C	0.21	1.77	2.30E-02	2.35E-02
6	rs3131863	29673483	C	0.26	0.82	2.46E-01	2.54E-01
6	rs3871468	29677641	G	0.29	-0.49	4.83E-01	4.84E-01
6	rs1610594	29679047	G	0.26	0.81	2.47E-01	2.55E-01
6	rs1611371	29680021	C	0.22	0.13	8.69E-01	9.14E-01
6	rs9258170	29689590	G	0.10	1.93	6.89E-02	6.96E-02
6	rs1362126	29691019	T	0.47	-1.53	1.44E-02	1.48E-02
6	rs9258186	29692334	G	0.10	1.93	6.89E-02	6.96E-02
6	rs2235383	29693499	C	0.10	1.93	6.89E-02	6.96E-02
6	rs2523404	29695713	G	0.49	1.61	1.02E-02	1.06E-02
6	rs2272874	29696245	G	0.10	1.93	6.89E-02	6.96E-02
6	rs2743925	29698050	C	0.20	-1.67	3.54E-02	3.96E-02
6	rs1611350	29698821	C	0.27	0.48	4.92E-01	4.98E-01
6	rs2523399	29700079	G	0.41	0.59	3.57E-01	3.60E-01
6	rs1610601	29700183	T	0.20	0.80	3.09E-01	3.18E-01
6	rs7773358	29701800	T	0.09	1.82	9.31E-02	8.98E-02
6	rs1610602	29702061	T	0.23	0.70	3.40E-01	3.45E-01
6	rs2844833	29702206	C	0.18	-2.09	1.07E-02	1.15E-02
6	rs2523395	29702510	T	0.50	-1.15	6.34E-02	6.33E-02
6	rs2394160	29703262	A	0.50	1.16	6.18E-02	6.14E-02
6	rs9258209	29705402	T	0.02	1.31	5.55E-01	5.89E-01
6	rs932338	29706933	T	0.18	0.05	9.55E-01	9.46E-01
6	rs1633096	29707267	A	0.21	0.65	3.86E-01	3.84E-01
6	rs9258218	29708028	A	0.09	1.82	9.24E-02	8.91E-02
6	rs1610603	29708222	A	0.18	0.10	9.05E-01	9.01E-01
6	rs2517938	29709840	G	0.19	-1.81	2.63E-02	2.64E-02
6	rs2523386	29711747	T	0.18	-1.99	1.72E-02	1.96E-02
6	rs9258225	29712704	G	0.08	2.81	1.69E-02	1.63E-02
6	rs1633091	29712866	A	0.18	0.10	9.08E-01	9.07E-01
6	rs34260811	29715332	A	0.30	-0.33	6.32E-01	6.25E-01

6	rs1633085	29715997	A	0.48	-0.33	5.91E-01	5.83E-01
6	rs1610621	29718790	T	0.20	0.68	3.84E-01	3.95E-01
6	rs909728	29719561	A	0.48	-0.28	6.52E-01	6.43E-01
6	rs4713244	29721146	A	0.30	-0.42	5.39E-01	5.30E-01
6	rs1611297	29721755	C	0.18	0.15	8.56E-01	8.56E-01
6	rs17438538	29723144	C	0.03	-2.90	1.09E-01	1.00E-01
6	rs9258260	29723161	T	0.07	2.97	1.35E-02	1.27E-02
6	rs1633068	29724310	A	0.18	0.15	8.56E-01	8.56E-01
6	rs1737078	29724939	A	0.44	-0.79	2.03E-01	2.06E-01
6	rs1737076	29725321	C	0.44	-0.79	2.03E-01	2.06E-01
6	rs1633059	29726550	A	0.48	-0.29	6.39E-01	6.69E-01
6	rs1610628	29728209	G	0.18	0.13	8.74E-01	8.73E-01
6	rs1610630	29729286	G	0.18	0.15	8.56E-01	8.56E-01
6	rs9258275	29730504	G	0.39	0.82	2.11E-01	2.13E-01
6	rs1633048	29730642	T	0.18	0.15	8.56E-01	8.56E-01
6	rs1737069	29730730	A	0.25	1.23	8.87E-02	8.71E-02
6	rs1611285	29731787	C	0.19	-1.90	1.91E-02	1.99E-02
6	rs1737060	29732969	C	0.18	0.20	8.07E-01	8.09E-01
6	rs1633041	29733223	T	0.25	0.49	4.94E-01	4.99E-01
6	rs1737058	29733375	C	0.07	-0.18	8.90E-01	8.63E-01
6	rs2735046	29734098	T	0.47	-0.59	3.48E-01	3.29E-01
6	rs1737046	29735693	T	0.27	-0.09	8.98E-01	9.31E-01
6	rs1737041	29736229	T	0.25	0.46	5.20E-01	5.27E-01
6	rs11753872	29736942	A	0.02	5.30	2.97E-02	2.82E-02
6	rs1737031	29737481	A	0.26	0.79	2.61E-01	2.68E-01
6	rs6932033	29737846	G	0.02	5.30	2.97E-02	2.82E-02
6	rs12662393	29738569	T	0.03	4.12	3.86E-02	4.45E-02
6	rs9258302	29741338	C	0.06	-2.05	1.17E-01	1.22E-01
6	rs1362070	29742299	G	0.30	1.44	3.14E-02	3.37E-02
6	rs9258303	29742930	T	0.06	-2.05	1.17E-01	1.22E-01
6	rs9500845	29743117	G	0.03	4.12	3.86E-02	4.45E-02
6	rs2517930	29745075	A	0.41	-0.58	3.46E-01	3.47E-01
6	rs2844836	29746023	G	0.03	-2.95	8.72E-02	7.68E-02
6	rs1633021	29746869	G	0.20	0.90	2.37E-01	2.52E-01

6	rs2735042	29747373	C	0.26	0.92	1.88E-01	1.89E-01
6	rs17185076	29747389	T	0.04	4.57	3.15E-03	3.43E-03
6	rs2394686	29749292	G	0.03	-2.89	1.46E-01	1.41E-01
6	rs1002046	29754016	T	0.25	0.48	5.03E-01	5.09E-01
6	rs1610642	29759078	A	0.29	1.33	4.86E-02	5.14E-02
6	rs1610644	29759445	A	0.24	0.35	6.25E-01	6.28E-01
6	rs17185132	29759511	T	0.02	3.34	1.14E-01	1.33E-01
6	rs35728173	29761652	T	0.02	5.30	2.97E-02	2.82E-02
6	rs16895757	29762178	T	0.05	3.06	4.24E-02	3.43E-02
6	rs1633011	29762693	A	0.25	0.51	4.77E-01	4.83E-01
6	rs11758087	29764443	A	0.02	5.30	2.97E-02	2.82E-02
6	rs2523414	29765087	G	0.06	-0.19	8.84E-01	8.92E-01
6	rs1736991	29766926	G	0.27	0.96	1.67E-01	1.70E-01
6	rs9258437	29767611	A	0.02	-0.10	9.65E-01	9.59E-01
6	rs28634576	29767743	G	0.02	3.69	7.42E-02	8.80E-02
6	rs7741100	29768123	A	0.05	-1.20	4.25E-01	4.44E-01
6	rs1611185	29768344	C	0.48	-0.50	4.20E-01	4.29E-01
6	rs2017525	29768503	A	0.05	-1.22	3.67E-01	4.02E-01
6	rs1632988	29772395	T	0.23	0.29	7.00E-01	7.16E-01
6	rs17178826	29773537	G	0.02	5.30	2.97E-02	2.82E-02
6	rs9468630	29773541	A	0.03	3.78	5.66E-02	6.35E-02
6	rs9258447	29773852	T	0.07	-0.89	4.55E-01	4.84E-01
6	rs11757182	29775525	C	0.02	5.30	2.97E-02	2.82E-02
6	rs9468632	29775939	T	0.03	4.15	3.73E-02	4.25E-02
6	rs1736971	29776322	A	0.25	0.49	4.88E-01	4.95E-01
6	rs1632971	29777911	A	0.15	-1.02	2.48E-01	2.41E-01
6	rs9295820	29778501	G	0.01	1.95	5.05E-01	5.52E-01
6	rs1610699	29778987	C	0.27	0.95	1.67E-01	1.74E-01
6	rs9258468	29781328	A	0.02	0.96	6.95E-01	7.17E-01
6	rs1610707	29782048	T	0.30	0.19	7.82E-01	7.67E-01
6	rs11753629	29782331	A	0.10	1.54	1.31E-01	1.25E-01
6	rs11753654	29782621	T	0.07	0.26	8.26E-01	7.60E-01
6	rs1736956	29782690	T	0.35	0.95	1.38E-01	1.43E-01
6	rs1619379	29785235	A	0.34	1.58	1.43E-02	1.48E-02

6	rs2743931	29787072	G	0.15	-1.02	2.48E-01	2.41E-01
6	rs1155143	29788392	C	0.26	0.36	6.17E-01	6.25E-01
6	rs1611149	29789999	T	0.41	1.56	1.22E-02	1.11E-02
6	rs1611139	29799116	T	0.26	0.43	5.39E-01	5.48E-01
6	rs11753296	29801110	A	0.11	1.30	1.96E-01	2.02E-01
6	rs16896052	29804176	G	0.05	2.93	5.26E-02	4.39E-02
6	rs2394178	29804845	A	0.19	0.68	3.92E-01	3.96E-01
6	rs2394180	29805199	C	0.11	1.30	1.96E-01	2.02E-01
6	rs9258525	29806341	C	0.05	-1.30	3.89E-01	4.05E-01
6	rs2523779	29806622	A	0.08	-0.31	7.88E-01	8.01E-01
6	rs2743937	29807923	G	0.19	0.67	3.98E-01	4.02E-01
6	rs2735003	29808634	C	0.19	0.68	3.92E-01	3.96E-01
6	rs9258537	29808861	A	0.19	0.67	3.97E-01	4.02E-01
6	rs2734999	29808917	A	0.08	-0.28	8.09E-01	8.22E-01
6	rs2523777	29809087	A	0.19	0.68	3.92E-01	3.96E-01
6	rs2523776	29809194	C	0.08	-0.28	8.11E-01	8.23E-01
6	rs1611133	29809382	T	0.20	0.57	4.61E-01	4.81E-01
6	rs2523769	29811022	G	0.24	1.28	8.17E-02	7.54E-02
6	rs16896081	29811709	T	0.05	2.92	5.27E-02	4.40E-02
6	rs2734994	29812030	A	0.08	-0.40	7.29E-01	7.39E-01
6	rs5013310	29812404	T	0.12	1.09	2.64E-01	2.33E-01
6	rs2523767	29812807	C	0.20	0.57	4.64E-01	4.24E-01
6	rs2517879	29812974	T	0.20	0.57	4.64E-01	4.24E-01
6	rs9258555	29813016	C	0.08	-0.40	7.29E-01	7.39E-01
6	rs3873260	29813682	C	0.20	0.60	4.46E-01	4.07E-01
6	rs9258557	29813942	T	0.08	-0.31	7.92E-01	8.05E-01
6	rs2394185	29816371	G	0.06	-1.38	2.97E-01	3.02E-01
6	rs2734986	29818568	G	0.12	1.56	9.46E-02	1.09E-01
6	rs2734985	29818662	G	0.18	2.27	5.48E-03	6.33E-03
6	rs2523759	29819093	C	0.18	2.36	3.56E-03	3.97E-03
6	rs2508050	29820047	G	0.08	-2.10	6.42E-02	6.32E-02
6	rs5013093	29820586	T	0.18	2.30	4.43E-03	4.94E-03
6	rs2734984	29820831	G	0.18	2.28	4.83E-03	5.40E-03
6	rs2517861	29821982	A	0.18	2.38	3.92E-03	4.37E-03

6	rs2975033	29822261	T	0.39	-0.27	6.64E-01	6.85E-01
6	rs2517855	29823164	T	0.13	1.62	8.16E-02	9.37E-02
6	rs2517854	29823296	G	0.36	1.12	8.59E-02	8.74E-02
6	rs2844826	29823319	C	0.36	1.12	8.59E-02	8.74E-02
6	rs3132726	29823606	T	0.22	-0.52	4.95E-01	4.91E-01
6	rs1611684	29825846	A	0.36	1.12	8.59E-02	8.74E-02
6	rs9258738	29827390	C	0.23	0.41	5.77E-01	5.46E-01
6	rs17185692	29828316	A	0.06	3.05	2.67E-02	2.33E-02
6	rs1611710	29828916	T	0.36	1.12	8.59E-02	8.74E-02
6	rs3094170	29829265	A	0.15	-1.02	2.49E-01	2.43E-01
6	rs3094169	29829986	A	0.19	-1.20	1.35E-01	1.36E-01
6	rs7760172	29830074	C	0.03	3.43	5.40E-02	5.76E-02
6	rs9258766	29830411	A	0.23	0.37	6.13E-01	5.82E-01
6	rs9258771	29830652	G	0.23	0.37	6.13E-01	5.82E-01
6	rs1611732	29831008	T	0.36	1.09	9.45E-02	9.63E-02
6	rs1611738	29831706	A	0.13	1.62	8.16E-02	9.37E-02
6	rs2524035	29832332	T	0.18	-0.03	9.70E-01	9.57E-01
6	rs7760545	29833472	A	0.01	0.92	7.87E-01	8.86E-01
6	rs3094165	29833541	T	0.29	-1.20	8.13E-02	8.42E-02
6	rs2734973	29833948	A	0.11	-1.49	1.36E-01	1.30E-01
6	rs2517826	29834041	T	0.18	0.46	5.64E-01	6.01E-01
6	rs11967812	29835632	C	0.05	-2.73	6.04E-02	6.24E-02
6	rs9258866	29836524	A	0.05	-1.19	4.29E-01	4.48E-01
6	rs3132718	29836577	A	0.31	0.49	4.65E-01	4.40E-01
6	rs9258883	29837188	C	0.23	0.55	4.54E-01	4.44E-01
6	rs3094654	29839816	A	0.31	0.49	4.65E-01	4.40E-01
6	rs9258966	29840382	C	0.31	0.49	4.65E-01	4.40E-01
6	rs3132714	29840648	A	0.31	0.49	4.65E-01	4.40E-01
6	rs2523809	29849619	A	0.11	-1.50	1.34E-01	1.27E-01
6	rs2734959	29849687	C	0.43	-0.19	7.67E-01	7.87E-01
6	rs1611599	29853955	G	0.04	-2.60	9.72E-02	9.19E-02
6	rs9259705	29881038	C	0.05	-0.50	7.50E-01	7.77E-01
6	rs2524005	29899677	T	0.15	2.16	1.08E-02	1.30E-02
6	rs1062405	29913509	T	0.05	-1.32	3.69E-01	3.81E-01

6	rs2571382	29913727	T	0.17	-0.94	2.51E-01	2.41E-01
6	rs1655900	29916618	A	0.12	1.41	1.30E-01	1.48E-01
6	rs2517715	29917439	G	0.42	-0.51	4.15E-01	4.41E-01
6	rs404046	29923817	A	0.07	-0.87	4.76E-01	4.29E-01
6	rs12665039	29924779	C	0.02	4.62	2.39E-02	2.46E-02
6	rs429511	29924831	C	0.13	1.55	8.57E-02	9.43E-02
6	rs2523940	29925817	C	0.06	-1.32	3.04E-01	2.80E-01
6	rs9260679	29926377	G	0.03	0.79	6.70E-01	6.80E-01
6	rs441808	29928137	A	0.44	0.36	5.67E-01	5.85E-01
6	rs2428521	29928649	A	0.45	0.52	4.06E-01	4.23E-01
6	rs2517689	29929253	G	0.45	0.52	4.06E-01	4.23E-01
6	rs3903160	29932897	T	0.38	-0.26	6.84E-01	7.10E-01
6	rs6457109	29933261	C	0.14	-1.10	2.30E-01	2.41E-01
6	rs6457110	29933881	A	0.49	-0.79	2.06E-01	2.22E-01
6	rs3869062	29934891	G	0.05	2.18	1.56E-01	1.41E-01
6	rs3893464	29935250	T	0.37	1.19	6.42E-02	6.65E-02
6	rs9260759	29935372	T	0.09	-1.30	2.38E-01	2.36E-01
6	rs12206499	29937127	G	0.40	-0.43	4.98E-01	5.27E-01
6	rs2517673	29937242	T	0.09	0.57	5.90E-01	6.28E-01
6	rs2256539	29937740	C	0.36	-0.25	6.96E-01	6.75E-01
6	rs2256543	29937833	T	0.37	0.25	7.03E-01	7.25E-01
6	rs1061535	29937924	A	0.19	-0.91	2.63E-01	2.50E-01
6	rs2523971	29938258	T	0.22	0.58	4.37E-01	4.42E-01
6	rs2256919	29940750	C	0.37	-0.33	6.07E-01	5.90E-01
6	rs2735078	29941400	C	0.24	0.66	3.65E-01	3.69E-01
6	rs2523946	29941943	G	0.47	0.53	4.04E-01	4.01E-01
6	rs3823355	29942083	T	0.39	-0.38	5.50E-01	5.75E-01
6	rs2232236	29942191	T	0.18	0.25	7.57E-01	7.61E-01
6	rs400488	29943035	T	0.14	-0.34	7.14E-01	6.72E-01
6	rs6904029	29943067	A	0.39	-0.37	5.58E-01	5.85E-01
6	rs2735076	29943490	T	0.24	-0.35	6.29E-01	5.65E-01
6	rs2394250	29943656	T	0.50	-0.08	9.00E-01	9.66E-01
6	rs2245961	29944004	C	0.34	-0.07	9.13E-01	8.80E-01
6	rs3823375	29944158	C	0.42	-0.14	8.26E-01	8.49E-01

6	rs2571375	29945270	C	0.08	-1.02	3.71E-01	3.77E-01
6	rs2246199	29945620	T	0.09	-0.39	7.16E-01	6.57E-01
6	rs3132685	29945949	T	0.09	2.35	3.29E-02	3.21E-02
6	rs2108691	29948365	A	0.12	-0.81	4.03E-01	3.84E-01
6	rs9260916	29948708	T	0.04	-1.12	4.65E-01	4.84E-01
6	rs2394255	29949821	G	0.42	-0.05	9.39E-01	9.33E-01
6	rs401618	29950210	C	0.22	0.70	3.46E-01	3.51E-01
6	rs11757750	29952162	C	0.06	1.17	3.65E-01	4.03E-01
6	rs17186937	29952814	C	0.06	1.17	3.65E-01	4.03E-01
6	rs4947244	29954364	G	0.37	-0.24	7.16E-01	7.31E-01
6	rs5025708	29955199	G	0.12	-0.31	7.46E-01	7.47E-01
6	rs12665186	29956842	G	0.06	1.10	3.95E-01	4.29E-01
6	rs9260930	29956953	C	0.05	-0.95	5.35E-01	5.45E-01
6	rs4959039	29957069	G	0.37	-0.22	7.37E-01	7.53E-01
6	rs12662611	29957077	T	0.06	1.10	3.95E-01	4.29E-01
6	rs9260967	29961367	A	0.11	0.25	8.03E-01	8.30E-01
6	rs9260984	29962268	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs6910898	29963179	C	0.11	0.15	8.79E-01	8.98E-01
6	rs9261035	29966175	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs9261040	29966620	G	0.04	-0.08	9.60E-01	9.86E-01
6	rs356960	29968275	A	0.06	-3.10	2.02E-02	2.15E-02
6	rs9261082	29969199	T	0.04	-0.69	6.56E-01	6.69E-01
6	rs7758512	29970589	G	0.11	0.16	8.71E-01	9.00E-01
6	rs9261093	29970685	C	0.05	-0.95	5.33E-01	5.43E-01
6	rs11965524	29973187	A	0.11	0.25	8.03E-01	8.30E-01
6	rs9261105	29974500	G	0.11	0.26	7.93E-01	8.21E-01
6	rs6940082	29975095	C	0.04	-1.16	4.47E-01	4.53E-01
6	rs9261108	29975587	A	0.04	-0.69	6.56E-01	6.69E-01
6	rs9261115	29977973	C	0.11	0.25	8.03E-01	8.30E-01
6	rs9261129	29979579	C	0.11	0.25	8.07E-01	8.34E-01
6	rs9261130	29980445	A	0.04	-0.10	9.51E-01	9.82E-01
6	rs16896044	29981750	A	0.05	2.23	1.48E-01	1.33E-01
6	rs356954	29983538	G	0.22	0.57	4.43E-01	4.49E-01
6	rs9357092	29984252	A	0.37	-0.05	9.33E-01	9.55E-01

6	rs6931776	29986427	G	0.11	0.25	8.03E-01	8.30E-01
6	rs165256	29986684	G	0.12	-0.90	3.52E-01	3.38E-01
6	rs9261151	29987738	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs3129012	29988642	T	0.13	1.57	8.39E-02	9.33E-02
6	rs3891156	29988740	T	0.05	-0.95	5.33E-01	5.43E-01
6	rs9261154	29990937	T	0.05	-0.13	9.23E-01	9.10E-01
6	rs1150743	29992261	A	0.09	-1.10	3.23E-01	3.49E-01
6	rs6925061	29992286	T	0.05	-0.95	5.33E-01	5.43E-01
6	rs166325	29993196	G	0.06	-3.10	2.02E-02	2.15E-02
6	rs9261171	29996121	G	0.05	-0.95	5.33E-01	5.43E-01
6	rs9261174	29996855	C	0.10	-0.12	9.05E-01	8.98E-01
6	rs9261189	30000280	T	0.11	0.27	7.89E-01	8.15E-01
6	rs16896923	30000687	C	0.04	1.94	2.09E-01	1.95E-01
6	rs10947046	30000973	G	0.06	1.10	3.95E-01	4.29E-01
6	rs9261193	30002173	C	0.05	-0.95	5.33E-01	5.43E-01
6	rs166327	30002881	G	0.36	0.48	4.55E-01	4.64E-01
6	rs3869067	30003797	C	0.11	0.25	8.03E-01	8.30E-01
6	rs3869068	30004052	A	0.11	0.25	8.03E-01	8.30E-01
6	rs9261203	30005043	G	0.05	-0.95	5.33E-01	5.43E-01
6	rs4711207	30005754	A	0.38	-0.18	7.87E-01	8.26E-01
6	rs9261207	30006482	C	0.05	-0.95	5.33E-01	5.43E-01
6	rs259937	30007493	G	0.06	-3.10	2.02E-02	2.15E-02
6	rs9261212	30008996	C	0.13	-0.64	4.91E-01	4.72E-01
6	rs9261216	30010139	G	0.11	0.25	8.03E-01	8.30E-01
6	rs259940	30011934	C	0.22	0.53	4.81E-01	4.88E-01
6	rs9261224	30013887	T	0.09	-0.66	5.48E-01	5.22E-01
6	rs259942	30015167	A	0.13	-1.26	1.67E-01	1.64E-01
6	rs3132128	30016190	C	0.13	-0.65	4.79E-01	4.61E-01
6	rs7771476	30016573	G	0.05	-0.95	5.33E-01	5.43E-01
6	rs28570682	30021740	C	0.04	-0.33	8.32E-01	7.80E-01
6	rs9261256	30021941	G	0.09	-0.66	5.48E-01	5.22E-01
6	rs7761314	30022153	T	0.09	-0.66	5.48E-01	5.22E-01
6	rs9261258	30022808	A	0.09	-0.66	5.48E-01	5.22E-01
6	rs3869070	30023868	T	0.49	-0.23	7.18E-01	6.75E-01

6	rs9366752	30024677	T	0.31	-0.17	8.05E-01	8.75E-01
6	rs9261263	30024749	G	0.05	-0.95	5.33E-01	5.43E-01
6	rs259919	30025503	T	0.28	0.50	4.66E-01	5.09E-01
6	rs3757333	30028606	A	0.04	-0.33	8.32E-01	7.80E-01
6	rs1150740	30030689	T	0.08	-1.34	2.50E-01	2.58E-01
6	rs9261277	30031091	C	0.09	-0.66	5.48E-01	5.22E-01
6	rs1150739	30031345	G	0.35	0.14	8.28E-01	8.42E-01
6	rs8321	30032522	G	0.08	2.73	1.68E-02	1.66E-02
6	rs3807031	30033884	A	0.27	0.51	4.73E-01	4.75E-01
6	rs9261281	30035341	A	0.08	-0.38	7.46E-01	7.26E-01
6	rs9261285	30036083	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs17187693	30036333	C	0.05	2.23	1.48E-01	1.32E-01
6	rs17187707	30036528	G	0.06	-0.77	5.73E-01	5.90E-01
6	rs9261288	30037353	T	0.04	-0.40	8.12E-01	8.39E-01
6	rs1245371	30038352	C	0.22	0.39	5.96E-01	6.14E-01
6	rs9261290	30038647	C	0.08	2.56	2.50E-02	2.50E-02
6	rs2301753	30039240	A	0.10	0.43	6.73E-01	6.99E-01
6	rs2074480	30040810	C	0.11	0.25	8.03E-01	8.30E-01
6	rs2074479	30041009	C	0.11	0.25	8.03E-01	8.30E-01
6	rs9261301	30041559	A	0.48	-0.40	5.17E-01	5.22E-01
6	rs3807034	30043992	C	0.13	0.45	6.21E-01	6.55E-01
6	rs3807035	30044827	T	0.13	0.51	5.78E-01	6.14E-01
6	rs1150735	30045199	T	0.30	0.68	3.19E-01	3.01E-01
6	rs2394734	30046246	A	0.16	-0.06	9.42E-01	9.28E-01
6	rs1150733	30046427	T	0.03	-2.75	1.19E-01	1.12E-01
6	rs4711209	30047403	A	0.37	-0.05	9.33E-01	9.54E-01
6	rs9261316	30047837	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs9261317	30048305	T	0.05	-0.95	5.33E-01	5.43E-01
6	rs6909253	30055643	T	0.49	0.17	7.82E-01	7.74E-01
6	rs9261361	30055933	G	0.05	-0.95	5.33E-01	5.43E-01
6	rs1264708	30057154	C	0.19	-1.11	1.63E-01	1.86E-01
6	rs9261371	30058988	T	0.13	0.38	6.77E-01	6.99E-01
6	rs9261375	30059451	G	0.05	-0.77	6.12E-01	6.20E-01
6	rs7753935	30060783	A	0.13	0.56	5.45E-01	6.21E-01

6	rs17187805	30061202	A	0.13	0.54	5.57E-01	6.33E-01
6	rs9261387	30061361	T	0.09	-0.41	7.08E-01	7.35E-01
6	rs6923832	30062058	A	0.05	-0.95	5.33E-01	5.43E-01
6	rs7765810	30063496	A	0.16	0.14	8.70E-01	9.44E-01
6	rs1264706	30063652	G	0.08	2.85	1.21E-02	1.16E-02
6	rs9261394	30064562	G	0.49	0.30	6.29E-01	6.06E-01
6	rs1264704	30065319	T	0.24	-0.91	2.21E-01	2.64E-01
6	rs1264702	30065575	G	0.19	1.44	6.07E-02	7.08E-02
6	rs916570	30066031	C	0.22	1.63	2.82E-02	3.52E-02
6	rs1264701	30066358	A	0.17	-0.78	3.53E-01	3.89E-01
6	rs1264695	30067892	C	0.20	1.61	3.27E-02	3.91E-02
6	rs9261403	30069525	T	0.04	-0.48	7.76E-01	8.25E-01
6	rs1116221	30071330	A	0.22	0.76	3.05E-01	3.26E-01
6	rs11964542	30071760	C	0.04	-1.53	3.74E-01	3.66E-01
6	rs2844796	30072511	T	0.20	1.16	1.30E-01	1.45E-01
6	rs3132680	30073195	T	0.39	0.09	8.81E-01	8.88E-01
6	rs2844795	30073847	G	0.50	0.71	2.54E-01	2.58E-01
6	rs3132679	30075843	A	0.16	-0.59	4.87E-01	4.77E-01
6	rs2023472	30075864	T	0.40	0.46	4.74E-01	4.38E-01
6	rs2074483	30076755	T	0.36	-0.11	8.65E-01	8.78E-01
6	rs9378220	30077135	A	0.12	0.49	6.08E-01	5.95E-01
6	rs2523990	30077229	T	0.43	-0.64	3.27E-01	2.86E-01
6	rs4959041	30077967	C	0.38	-0.04	9.46E-01	9.58E-01
6	rs2523989	30078275	A	0.11	1.68	8.08E-02	7.71E-02
6	rs2523987	30079993	G	0.10	2.00	4.36E-02	4.46E-02
6	rs3734838	30080231	A	0.07	-1.43	2.58E-01	2.83E-01
6	rs2517598	30080274	T	0.12	1.77	6.33E-02	6.14E-02
6	rs2523984	30082003	A	0.12	1.77	6.29E-02	6.10E-02
6	rs2245420	30082688	C	0.12	1.82	5.59E-02	5.41E-02
6	rs2523981	30083182	A	0.11	1.98	4.56E-02	4.61E-02
6	rs2523979	30083515	T	0.11	1.87	5.66E-02	5.72E-02
6	rs9261434	30087776	G	0.13	-0.73	4.34E-01	4.49E-01
6	rs9261441	30091758	A	0.09	-0.63	5.72E-01	6.12E-01
6	rs17455565	30092308	A	0.01	-0.89	7.66E-01	8.20E-01

6	rs1419675	30092707	C	0.25	-1.14	1.21E-01	9.70E-02
6	rs1419674	30092935	A	0.03	-2.89	9.94E-02	9.05E-02
6	rs2517592	30093137	A	0.19	0.54	4.97E-01	4.78E-01
6	rs10947055	30093364	C	0.09	-0.73	5.01E-01	5.54E-01
6	rs9261442	30093744	G	0.29	0.74	2.81E-01	2.80E-01
6	rs9261444	30094611	T	0.29	0.59	3.99E-01	4.05E-01
6	rs9261447	30095202	C	0.30	0.71	3.01E-01	2.93E-01
6	rs9261448	30095329	C	0.29	0.79	2.50E-01	2.49E-01
6	rs10947056	30095603	G	0.09	-0.82	4.55E-01	5.05E-01
6	rs9261450	30097818	G	0.30	0.64	3.53E-01	3.42E-01
6	rs757263	30098323	A	0.30	0.68	3.21E-01	3.10E-01
6	rs9261453	30099948	G	0.30	0.63	3.60E-01	3.54E-01
6	rs9261455	30099996	G	0.30	0.63	3.60E-01	3.54E-01
6	rs1362104	30101656	T	0.31	0.53	4.36E-01	4.14E-01
6	rs1541268	30103394	C	0.29	0.80	2.49E-01	2.56E-01
6	rs2021723	30103923	T	0.13	-1.19	2.05E-01	1.52E-01
6	rs9261468	30104480	G	0.29	0.65	3.50E-01	3.57E-01
6	rs2107202	30105743	A	0.25	-1.20	1.01E-01	8.10E-02
6	rs2857440	30106493	C	0.29	0.82	2.35E-01	2.43E-01
6	rs9261487	30109207	A	0.02	0.82	7.53E-01	6.81E-01
6	rs9261488	30109412	T	0.29	0.76	2.72E-01	2.74E-01
6	rs9261492	30110058	A	0.31	0.65	3.43E-01	3.45E-01
6	rs9261505	30112408	G	0.29	0.76	2.71E-01	2.76E-01
6	rs9261511	30113245	A	0.29	0.62	3.70E-01	3.77E-01
6	rs3815081	30114074	C	0.13	0.35	7.14E-01	6.94E-01
6	rs757262	30114955	A	0.29	0.78	2.61E-01	2.65E-01
6	rs757260	30115204	A	0.13	0.17	8.60E-01	9.38E-01
6	rs757259	30115542	T	0.29	0.79	2.53E-01	2.58E-01
6	rs3132676	30116078	T	0.16	-0.63	4.57E-01	4.93E-01
6	rs9261519	30117101	C	0.31	0.66	3.36E-01	3.39E-01
6	rs1557611	30118360	A	0.29	0.82	2.39E-01	2.42E-01
6	rs1557608	30118582	C	0.35	0.67	3.12E-01	3.08E-01
6	rs1557607	30118637	C	0.29	0.79	2.56E-01	2.58E-01
6	rs9468692	30119890	T	0.09	0.08	9.39E-01	8.97E-01

6	rs2257914	30120563	T	0.13	-1.38	1.40E-01	1.06E-01
6	rs2022065	30121460	A	0.35	0.28	6.76E-01	6.85E-01
6	rs3734840	30121605	C	0.16	-0.28	7.49E-01	7.72E-01
6	rs2517646	30122575	G	0.35	-1.27	5.66E-02	5.83E-02
6	rs9261535	30127323	A	0.29	0.69	3.19E-01	3.27E-01
6	rs12212092	30128442	T	0.09	0.11	9.19E-01	8.84E-01
6	rs9261536	30131349	T	0.12	-1.13	2.32E-01	2.41E-01
6	rs17188127	30135102	T	0.02	-0.10	9.65E-01	9.94E-01
6	rs9368624	30135977	A	0.15	-0.03	9.78E-01	9.87E-01
6	rs929157	30137209	T	0.12	1.55	1.06E-01	1.04E-01
6	rs2074475	30137890	G	0.01	-3.86	1.96E-01	2.12E-01
6	rs1029238	30138645	T	0.09	-0.58	6.03E-01	5.91E-01
6	rs929156	30139699	T	0.31	0.49	4.69E-01	4.77E-01
6	rs6905949	30140525	C	0.14	-0.46	6.08E-01	5.55E-01
6	rs13212414	30140540	T	0.08	-0.34	7.75E-01	8.34E-01
6	rs2844787	30140913	C	0.22	-1.67	2.63E-02	2.93E-02
6	rs9380156	30141042	G	0.13	0.14	8.81E-01	8.61E-01
6	rs957765	30142690	A	0.29	0.70	3.14E-01	3.20E-01
6	rs9261538	30143491	C	0.09	-0.65	5.38E-01	5.86E-01
6	rs2844786	30144420	T	0.37	0.08	9.05E-01	9.39E-01
6	rs9261539	30145083	G	0.50	-0.66	2.91E-01	3.00E-01
6	rs9261543	30146650	A	0.50	-0.74	2.39E-01	2.44E-01
6	rs28743267	30147689	G	0.13	0.11	9.03E-01	9.82E-01
6	rs2844782	30150043	A	0.37	0.06	9.22E-01	9.59E-01
6	rs2428504	30151370	G	0.07	-1.59	1.93E-01	1.84E-01
6	rs9366754	30152033	C	0.13	0.11	9.11E-01	8.92E-01
6	rs9261547	30154928	G	0.12	-1.15	2.23E-01	2.32E-01
6	rs6457164	30155108	C	0.50	-0.64	3.11E-01	3.23E-01
6	rs6457167	30155313	C	0.50	-0.65	2.99E-01	3.07E-01
6	rs2074471	30156802	T	0.01	-3.91	1.52E-01	1.65E-01
6	rs765977	30157654	G	0.50	-0.65	3.02E-01	3.12E-01
6	rs718254	30159039	G	0.50	-0.63	3.14E-01	3.25E-01
6	rs2284165	30160055	G	0.22	-1.02	1.76E-01	1.99E-01
6	rs4711211	30162809	G	0.29	0.70	3.14E-01	3.20E-01

6	rs2517614	30163955	T	0.19	0.39	6.22E-01	6.27E-01
6	rs3778622	30165316	A	0.29	0.74	2.88E-01	2.93E-01
6	rs28360011	30166945	G	0.03	-2.61	1.24E-01	1.10E-01
6	rs28360013	30168202	C	0.07	-1.59	1.93E-01	1.84E-01
6	rs2517612	30169092	C	0.12	1.55	1.06E-01	1.04E-01
6	rs2517611	30169327	C	0.19	0.39	6.22E-01	6.27E-01
6	rs28730510	30170057	G	0.14	0.03	9.72E-01	9.43E-01
6	rs2844776	30171827	G	0.20	0.41	6.03E-01	6.11E-01
6	rs971570	30172513	G	0.20	0.42	5.95E-01	6.06E-01
6	rs885913	30174428	A	0.12	1.60	9.51E-02	9.39E-02
6	rs9261564	30174590	T	0.06	-1.68	2.01E-01	2.20E-01
6	rs10947058	30176122	T	0.07	0.07	9.56E-01	9.00E-01
6	rs3132671	30178287	A	0.50	0.69	2.70E-01	2.83E-01
6	rs3130383	30179026	A	0.50	-0.69	2.69E-01	2.82E-01
6	rs11967808	30179188	C	0.02	0.13	9.53E-01	9.12E-01
6	rs2844775	30179422	T	0.31	0.50	4.61E-01	4.72E-01
6	rs2188100	30181883	T	0.12	1.55	1.06E-01	1.04E-01
6	rs1345229	30182395	T	0.08	-0.40	7.25E-01	7.30E-01
6	rs9261567	30185244	C	0.12	-0.78	4.12E-01	3.83E-01
6	rs2106070	30186863	C	0.49	0.78	2.17E-01	2.25E-01
6	rs3094132	30187434	G	0.50	0.63	3.16E-01	3.34E-01
6	rs3130391	30190640	T	0.50	0.63	3.16E-01	3.34E-01
6	rs9261578	30192467	G	0.15	-0.07	9.40E-01	8.90E-01
6	rs2040486	30194103	G	0.50	0.63	3.16E-01	3.34E-01
6	rs3129690	30196855	C	0.50	0.60	3.36E-01	3.57E-01
6	rs3094138	30199016	G	0.14	-1.34	1.38E-01	1.47E-01
6	rs1573295	30199067	T	0.50	0.63	3.16E-01	3.34E-01
6	rs17188268	30199358	A	0.02	-0.13	9.52E-01	9.85E-01
6	rs3132674	30202429	A	0.50	0.61	3.32E-01	3.47E-01
6	rs885916	30202571	A	0.12	1.65	8.47E-02	8.36E-02
6	rs885914	30202767	G	0.38	-0.10	8.76E-01	8.45E-01
6	rs2844780	30204526	A	0.38	-0.08	9.06E-01	8.69E-01
6	rs2844779	30205407	A	0.37	-0.31	6.30E-01	5.92E-01
6	rs10456378	30206186	A	0.07	-0.15	9.02E-01	9.58E-01

6	rs2844773	30207495	T	0.13	1.45	1.15E-01	1.10E-01
6	rs2285801	30209493	T	0.49	-0.38	5.47E-01	5.60E-01
6	rs1362089	30209802	A	0.49	-0.38	5.47E-01	5.60E-01
6	rs1362088	30209836	G	0.01	-3.70	2.01E-01	2.20E-01
6	rs9261588	30210807	T	0.12	-1.07	2.55E-01	2.67E-01
6	rs12176323	30212504	T	0.01	-3.70	2.01E-01	2.20E-01
6	rs3132662	30215592	T	0.49	0.43	4.95E-01	5.22E-01
6	rs2516723	30221442	G	0.49	0.42	4.97E-01	5.29E-01
6	rs1579219	30224305	A	0.13	-1.19	2.02E-01	2.10E-01
6	rs3094078	30224970	T	0.08	2.27	4.21E-02	4.13E-02
6	rs962899	30226811	C	0.18	-1.45	8.60E-02	7.27E-02
6	rs2844766	30230661	G	0.33	-0.31	6.46E-01	6.44E-01
6	rs3094073	30231224	T	0.13	1.18	2.01E-01	1.89E-01
6	rs3129831	30234627	T	0.13	1.18	2.01E-01	1.89E-01
6	rs9378145	30236331	C	0.13	-1.22	1.93E-01	1.99E-01
6	rs2844761	30237454	C	0.19	-1.36	8.99E-02	8.30E-02
6	rs2097773	30240926	T	0.19	-1.36	8.99E-02	8.30E-02
6	rs9393999	30241114	G	0.13	-1.17	2.11E-01	2.18E-01
6	rs28780093	30242171	G	0.10	-0.03	9.76E-01	8.96E-01
6	rs968909	30244579	A	0.24	-1.27	8.71E-02	8.43E-02
6	rs2844754	30246212	T	0.05	-2.40	9.92E-02	8.74E-02
6	rs2844753	30248424	G	0.09	-0.37	7.40E-01	8.26E-01
6	rs2394779	30252606	C	0.13	-1.17	2.11E-01	2.18E-01
6	rs1132547	30253339	C	0.06	-1.43	2.81E-01	2.44E-01
6	rs10484551	30256838	A	0.05	-0.65	6.60E-01	7.03E-01
6	rs17194767	30256885	T	0.05	-0.65	6.60E-01	7.03E-01
6	rs1264622	30256936	A	0.17	1.00	2.31E-01	2.04E-01
6	rs2285799	30257693	G	0.05	-0.65	6.60E-01	7.03E-01
6	rs4713309	30258708	T	0.05	-0.65	6.60E-01	7.03E-01
6	rs1045251	30259657	A	0.19	-1.36	8.99E-02	8.30E-02
6	rs11752362	30260982	T	0.11	0.53	6.00E-01	6.65E-01
6	rs1048664	30262512	C	0.05	-2.40	9.92E-02	8.74E-02
6	rs1264616	30264307	A	0.19	-1.36	8.99E-02	8.30E-02
6	rs261950	30269561	A	0.25	-1.40	5.65E-02	5.14E-02

6	rs261949	30270080	T	0.19	-1.29	1.07E-01	9.74E-02
6	rs261946	30271334	C	0.31	0.76	2.63E-01	2.59E-01
6	rs4713310	30271792	A	0.05	-1.14	4.09E-01	4.17E-01
6	rs9380167	30274461	G	0.25	-1.46	4.72E-02	4.38E-02
6	rs928822	30275246	C	0.47	0.27	6.67E-01	6.51E-01
6	rs1264608	30278112	A	0.09	-0.25	8.22E-01	9.03E-01
6	rs3130380	30279130	A	0.08	2.32	3.72E-02	3.67E-02
6	rs3094065	30282332	A	0.12	-1.06	2.59E-01	2.68E-01
6	rs6912771	30284375	A	0.25	-1.46	4.72E-02	4.41E-02
6	rs9357097	30285121	T	0.23	-1.11	1.34E-01	1.24E-01
6	rs6924282	30285883	A	0.25	-1.57	3.16E-02	2.87E-02
6	rs9366755	30286729	T	0.13	-1.10	2.40E-01	2.49E-01
6	rs6900042	30289271	T	0.25	-1.57	3.16E-02	2.87E-02
6	rs12174823	30292083	C	0.12	-0.71	4.71E-01	4.69E-01
6	rs28360024	30292147	T	0.06	-1.39	2.97E-01	2.60E-01
6	rs17194824	30293186	A	0.05	-2.40	9.92E-02	8.74E-02
6	rs1264583	30293483	A	0.09	-0.25	8.22E-01	9.03E-01
6	rs3094064	30296253	T	0.09	1.95	7.44E-02	7.49E-02
6	rs1264581	30297505	A	0.09	-0.09	9.34E-01	9.86E-01
6	rs3094067	30299245	C	0.08	2.18	5.02E-02	4.92E-02
6	rs12663184	30301600	T	0.10	0.04	9.71E-01	9.51E-01
6	rs3778624	30302600	G	0.20	-1.29	9.99E-02	8.71E-02
6	rs7767653	30304816	A	0.06	-1.28	3.37E-01	2.96E-01
6	rs3129840	30307342	C	0.13	1.01	2.76E-01	2.60E-01
6	rs9380173	30309105	A	0.12	-0.73	4.53E-01	4.50E-01
6	rs2240058	30310500	G	0.12	-0.73	4.53E-01	4.50E-01
6	rs6931763	30311932	C	0.11	0.65	5.17E-01	5.87E-01
6	rs974962	30314607	C	0.12	-0.72	4.58E-01	4.57E-01
6	rs974961	30315011	T	0.31	0.77	2.59E-01	2.56E-01
6	rs9394003	30315210	G	0.20	-1.43	6.87E-02	5.98E-02
6	rs9380174	30316739	T	0.19	-1.26	1.17E-01	1.09E-01
6	rs34266569	30316980	C	0.05	2.74	6.30E-02	6.14E-02
6	rs3130364	30319154	T	0.08	2.73	1.38E-02	1.30E-02
6	rs3132649	30321057	T	0.10	1.91	5.69E-02	5.17E-02

6	rs3094061	30321189	G	0.10	1.91	5.69E-02	5.17E-02
6	rs984802	30321361	A	0.24	-0.96	1.92E-01	1.65E-01
6	rs3130377	30323393	T	0.08	2.30	4.03E-02	3.74E-02
6	rs3094626	30323623	G	0.37	0.32	6.28E-01	6.88E-01
6	rs3130379	30325531	T	0.21	-0.99	1.94E-01	1.76E-01
6	rs3130350	30327839	T	0.08	2.20	5.01E-02	4.64E-02
6	rs3130351	30328192	T	0.08	2.28	4.24E-02	3.96E-02
6	rs3094621	30328753	G	0.09	2.40	2.97E-02	2.71E-02
6	rs3132647	30330737	C	0.08	2.30	4.03E-02	3.74E-02
6	rs1012411	30332555	C	0.28	0.45	5.17E-01	4.90E-01
6	rs3094054	30333505	A	0.09	1.96	7.28E-02	7.19E-02
6	rs2040450	30334339	A	0.14	-0.09	9.24E-01	9.65E-01
6	rs2057726	30335350	G	0.13	-0.89	3.36E-01	3.49E-01
6	rs2022079	30337738	A	0.28	-0.68	3.35E-01	2.98E-01
6	rs17839997	30339293	C	0.05	-1.96	1.88E-01	1.67E-01
6	rs3130361	30339564	A	0.21	-0.80	2.93E-01	2.70E-01
6	rs2844746	30339602	A	0.36	-0.59	3.74E-01	4.02E-01
6	rs2844745	30343703	G	0.43	-0.04	9.51E-01	9.64E-01
6	rs3132631	30344645	A	0.09	2.36	3.00E-02	3.31E-02
6	rs3094062	30344690	T	0.43	0.02	9.70E-01	9.43E-01
6	rs3132630	30345118	A	0.09	2.36	3.00E-02	3.31E-02
6	rs1419653	30345139	A	0.43	0.02	9.70E-01	9.43E-01
6	rs3129822	30346208	T	0.09	2.36	3.00E-02	3.31E-02
6	rs9404964	30347833	C	0.28	-0.56	4.26E-01	3.88E-01
6	rs3132622	30348674	A	0.43	0.07	9.12E-01	9.96E-01
6	rs3094623	30349201	T	0.43	0.07	9.12E-01	9.96E-01
6	rs2524211	30350660	T	0.14	0.00	9.97E-01	8.98E-01
6	rs28780099	30351417	G	0.06	0.04	9.77E-01	9.39E-01
6	rs3130126	30353739	A	0.09	2.36	3.00E-02	3.31E-02
6	rs3094028	30354642	T	0.43	0.07	9.11E-01	9.96E-01
6	rs3130140	30357780	C	0.41	-0.09	8.91E-01	8.02E-01
6	rs3094051	30358151	C	0.43	0.08	9.06E-01	9.93E-01
6	rs3130143	30358216	C	0.43	0.08	9.06E-01	9.93E-01
6	rs3094050	30358591	C	0.09	2.27	3.59E-02	3.97E-02

6	rs3094700	30360068	A	0.43	0.00	9.95E-01	9.16E-01
6	rs3094697	30361232	G	0.43	0.00	9.95E-01	9.16E-01
6	rs3094042	30361418	T	0.43	0.00	9.95E-01	9.16E-01
6	rs2516685	30361608	C	0.43	-0.04	9.51E-01	9.64E-01
6	rs2516684	30362995	T	0.14	0.04	9.68E-01	8.66E-01
6	rs3130113	30363945	T	0.43	0.01	9.91E-01	9.21E-01
6	rs17475879	30364508	T	0.06	-0.07	9.59E-01	8.69E-01
6	rs1264569	30365320	G	0.23	-0.60	4.17E-01	4.24E-01
6	rs1264567	30366100	G	0.18	-0.06	9.42E-01	9.94E-01
6	rs12203316	30368012	C	0.21	0.91	2.44E-01	2.21E-01
6	rs1034323	30368635	A	0.46	-0.04	9.47E-01	9.09E-01
6	rs9261743	30369040	T	0.25	-0.85	2.47E-01	2.04E-01
6	rs10947072	30372278	T	0.22	0.82	2.79E-01	2.51E-01
6	rs7741364	30372570	A	0.42	0.48	4.59E-01	4.66E-01
6	rs9261761	30372987	A	0.19	-0.22	7.87E-01	7.25E-01
6	rs1264551	30377173	T	0.22	-0.19	8.03E-01	7.55E-01
6	rs1264550	30377198	T	0.37	-0.23	7.17E-01	7.60E-01
6	rs1264547	30378447	T	0.22	-0.19	8.03E-01	7.55E-01
6	rs9261817	30378601	C	0.19	-0.22	7.87E-01	7.25E-01
6	rs9261821	30379074	C	0.19	-0.22	7.87E-01	7.25E-01
6	rs9261846	30382440	C	0.19	-0.42	6.13E-01	5.33E-01
6	rs9261847	30382647	G	0.19	-0.35	6.66E-01	6.02E-01
6	rs9261858	30384317	A	0.19	-0.29	7.17E-01	6.58E-01
6	rs2074502	30384322	T	0.22	0.81	2.93E-01	2.65E-01
6	rs9261860	30384503	A	0.19	-0.43	6.04E-01	5.30E-01
6	rs9261862	30384738	G	0.19	-0.29	7.17E-01	6.58E-01
6	rs9261871	30385894	G	0.19	-0.31	6.99E-01	6.41E-01
6	rs1264542	30386996	C	0.41	0.15	8.21E-01	8.05E-01
6	rs9261919	30391723	A	0.19	-0.29	7.17E-01	6.58E-01
6	rs9261922	30392146	T	0.21	-0.17	8.24E-01	7.67E-01
6	rs9261923	30392160	A	0.19	-0.29	7.17E-01	6.58E-01
6	rs9261926	30392406	A	0.19	-0.29	7.17E-01	6.58E-01
6	rs9261947	30394628	T	0.19	-0.28	7.31E-01	6.81E-01
6	rs9501447	30397840	G	0.19	-0.29	7.17E-01	6.58E-01

6	rs1079541	30406756	T	0.19	-0.28	7.24E-01	6.62E-01
6	rs9501467	30408970	T	0.20	-0.43	5.77E-01	5.21E-01
6	rs1264518	30410206	A	0.15	0.04	9.60E-01	8.98E-01
6	rs9295871	30411089	C	0.19	-0.29	7.17E-01	6.58E-01
6	rs1264514	30412045	C	0.42	0.23	7.16E-01	7.11E-01
6	rs28512317	30413182	C	0.21	-0.46	5.49E-01	5.10E-01
6	rs9295873	30414235	G	0.19	-0.29	7.17E-01	6.58E-01
6	rs2524201	30415904	G	0.36	0.07	9.18E-01	8.84E-01
6	rs4959047	30416553	A	0.21	-0.46	5.49E-01	5.10E-01
6	rs2844730	30417614	T	0.37	0.05	9.43E-01	9.09E-01
6	rs4947284	30418662	A	0.02	-1.52	4.80E-01	5.06E-01
6	rs9295886	30421397	T	0.19	-0.30	7.08E-01	6.46E-01
6	rs2844729	30422632	T	0.42	0.31	6.25E-01	6.21E-01
6	rs35407515	30423223	G	0.19	-0.34	6.74E-01	6.16E-01
6	rs34101875	30423358	A	0.19	-0.34	6.74E-01	6.16E-01
6	rs33986393	30424074	G	0.19	-0.34	6.74E-01	6.16E-01
6	rs28780104	30424655	G	0.06	0.64	6.24E-01	7.17E-01
6	rs9501336	30427510	A	0.19	-0.34	6.74E-01	6.16E-01
6	rs2516676	30430482	C	0.16	-0.45	5.92E-01	6.03E-01
6	rs35792611	30430875	G	0.19	-0.41	6.14E-01	5.70E-01
6	rs10456384	30433090	G	0.05	-0.25	8.54E-01	8.74E-01
6	rs2524172	30433611	T	0.15	-0.47	5.87E-01	6.13E-01
6	rs7764934	30434566	G	0.45	-0.24	7.08E-01	6.86E-01
6	rs7747873	30434900	C	0.45	-0.24	7.08E-01	6.86E-01
6	rs6930977	30435288	G	0.18	0.77	3.45E-01	3.09E-01
6	rs12174870	30436681	A	0.44	-0.26	6.82E-01	6.61E-01
6	rs12174433	30445476	A	0.05	-2.31	9.85E-02	8.40E-02
6	rs9295898	30449046	T	0.44	-0.26	6.87E-01	6.66E-01
6	rs2021720	30449244	C	0.44	-0.29	6.54E-01	6.36E-01
6	rs2021719	30449482	T	0.44	-0.26	6.82E-01	6.61E-01
6	rs28780106	30451515	A	0.06	0.56	6.72E-01	7.67E-01
6	rs3094694	30451904	G	0.15	0.86	3.25E-01	3.22E-01
6	rs1264459	30455920	C	0.17	0.04	9.63E-01	9.71E-01
6	rs1264456	30462084	T	0.33	0.59	3.81E-01	3.58E-01

6	rs2508024	30465512	A	0.37	0.47	4.75E-01	4.54E-01
6	rs34372168	30467745	G	0.02	-2.69	2.90E-01	2.72E-01
6	rs31311115	30468791	T	0.35	-0.23	7.38E-01	6.63E-01
6	rs2844724	30469190	G	0.35	0.70	2.92E-01	2.71E-01
6	rs2429657	30471520	C	0.21	-0.21	7.91E-01	8.39E-01
6	rs2844720	30475717	A	0.35	0.68	3.10E-01	2.89E-01
6	rs2844718	30477276	A	0.35	0.62	3.52E-01	3.30E-01
6	rs975195	30477947	C	0.35	0.66	3.20E-01	2.98E-01
6	rs2534812	30482993	G	0.37	0.44	5.01E-01	4.77E-01
6	rs7746096	30483919	A	0.02	-2.48	2.60E-01	2.41E-01
6	rs10484552	30484036	C	0.06	0.21	8.82E-01	9.61E-01
6	rs7767714	30488033	G	0.02	-2.48	2.60E-01	2.41E-01
6	rs7768140	30488203	T	0.02	-2.52	2.51E-01	2.35E-01
6	rs2534824	30496160	T	0.35	0.68	3.10E-01	2.89E-01
6	rs2534823	30496816	G	0.35	0.68	3.10E-01	2.89E-01
6	rs2516649	30496882	C	0.35	0.68	3.10E-01	2.89E-01
6	rs2524226	30497490	T	0.33	0.56	4.02E-01	3.79E-01
6	rs2534815	30499127	G	0.35	0.68	3.10E-01	2.89E-01
6	rs2524224	30505948	T	0.36	0.42	5.23E-01	4.95E-01
6	rs1058318	30512163	A	0.33	0.56	4.02E-01	3.79E-01
6	rs12192673	30512505	G	0.05	0.41	7.74E-01	7.33E-01
6	rs2844713	30519258	T	0.36	0.41	5.33E-01	5.10E-01
6	rs3130240	30536071	C	0.34	0.53	4.27E-01	3.97E-01
6	rs3130041	30536133	C	0.35	0.25	7.07E-01	6.80E-01
6	rs3130242	30537339	G	0.34	0.57	3.92E-01	3.69E-01
6	rs3132613	30537606	G	0.34	0.57	3.92E-01	3.69E-01
6	rs3130243	30537853	C	0.35	0.26	6.95E-01	6.68E-01
6	rs2269710	30539952	G	0.36	0.05	9.36E-01	9.31E-01
6	rs1264451	30541237	C	0.33	0.54	4.16E-01	3.90E-01
6	rs3132611	30541852	C	0.08	0.68	5.33E-01	5.27E-01
6	rs3132610	30544401	C	0.10	1.65	1.15E-01	1.20E-01
6	rs3130043	30545022	G	0.37	0.36	5.82E-01	5.55E-01
6	rs1264440	30551286	T	0.35	0.31	6.39E-01	6.06E-01
6	rs1264439	30552502	T	0.33	0.57	3.93E-01	3.67E-01

6	rs3130244	30552937	A	0.37	0.32	6.31E-01	6.02E-01
6	rs17195446	30553853	G	0.01	-0.59	8.41E-01	7.57E-01
6	rs1264437	30553871	G	0.33	0.63	3.42E-01	3.16E-01
6	rs9671	30559034	C	0.02	-4.11	8.54E-02	8.20E-02
6	rs13195066	30560796	G	0.20	-0.49	5.39E-01	5.01E-01
6	rs7749109	30561724	G	0.02	-4.11	8.54E-02	8.20E-02
6	rs1264432	30562021	C	0.33	0.63	3.42E-01	3.16E-01
6	rs7749978	30562041	A	0.02	-4.11	8.54E-02	8.20E-02
6	rs6934466	30563608	T	0.02	-4.11	8.55E-02	8.23E-02
6	rs1264429	30565101	G	0.01	-1.33	6.21E-01	6.24E-01
6	rs7759666	30569489	T	0.15	-0.32	7.19E-01	8.32E-01
6	rs17195474	30571197	A	0.02	-4.11	8.54E-02	8.20E-02
6	rs7742291	30573139	C	0.02	-4.11	8.54E-02	8.20E-02
6	rs9262122	30573842	C	0.15	-0.32	7.19E-01	8.29E-01
6	rs1264420	30575603	T	0.33	-0.32	6.25E-01	6.11E-01
6	rs2267637	30578335	T	0.11	-1.85	6.65E-02	5.81E-02
6	rs2252745	30579315	C	0.33	0.58	3.84E-01	3.58E-01
6	rs2267638	30580626	A	0.02	-4.11	8.54E-02	8.20E-02
6	rs16867845	30585333	G	0.02	-3.76	1.19E-01	1.14E-01
6	rs2270172	30592414	G	0.02	-2.73	2.08E-01	2.04E-01
6	rs2517565	30594394	A	0.04	-1.48	3.49E-01	3.29E-01
6	rs6904236	30596135	G	0.02	-3.76	1.19E-01	1.14E-01
6	rs12665339	30601232	G	0.17	0.88	2.87E-01	2.44E-01
6	rs17195551	30601395	T	0.02	-0.42	8.45E-01	8.53E-01
6	rs3094104	30609629	C	0.04	-1.48	3.49E-01	3.29E-01
6	rs3132608	30609661	G	0.04	-0.84	6.26E-01	6.07E-01
6	rs1140809	30611676	A	0.47	-0.09	8.93E-01	8.87E-01
6	rs9262135	30618906	G	0.09	1.92	7.51E-02	7.66E-02
6	rs17281677	30622459	A	0.03	-2.93	1.08E-01	1.00E-01
6	rs34057232	30623069	G	0.02	-0.70	7.32E-01	7.41E-01
6	rs3094100	30625155	G	0.06	-1.34	3.23E-01	3.12E-01
6	rs9262138	30627867	C	0.08	-0.88	4.55E-01	5.39E-01
6	rs3130000	30628082	A	0.09	0.72	5.08E-01	5.04E-01
6	rs1076828	30628252	T	0.32	0.77	2.62E-01	2.40E-01

6	rs4713346	30631063	A	0.01	-3.49	2.21E-01	2.40E-01
6	rs3094097	30633875	C	0.06	-1.31	3.30E-01	3.18E-01
6	rs2285321	30637998	C	0.02	-3.51	1.58E-01	1.38E-01
6	rs9295901	30639157	C	0.02	-1.34	5.61E-01	4.90E-01
6	rs6937357	30640324	C	0.02	-3.21	1.92E-01	1.66E-01
6	rs28360604	30643767	G	0.19	-0.06	9.42E-01	9.35E-01
6	rs2394392	30650318	G	0.06	-0.67	6.10E-01	5.46E-01
6	rs9262143	30652781	T	0.09	1.84	8.58E-02	8.74E-02
6	rs2269706	30652872	T	0.08	-2.25	5.40E-02	5.00E-02
6	rs17189280	30656382	C	0.02	0.08	9.71E-01	9.92E-01
6	rs3094092	30657015	A	0.08	0.68	5.36E-01	5.34E-01
6	rs1075496	30658239	T	0.40	0.27	6.76E-01	6.52E-01
6	rs7565	30668159	A	0.02	-0.86	7.19E-01	7.25E-01
6	rs9405048	30670292	T	0.17	1.06	2.06E-01	1.79E-01
6	rs2239886	30670700	G	0.03	-2.02	2.41E-01	2.21E-01
6	rs28994872	30671650	C	0.01	-1.28	6.95E-01	7.63E-01
6	rs28994868	30673681	T	0.02	-0.86	7.19E-01	7.25E-01
6	rs28986466	30676046	C	0.02	-0.21	9.22E-01	9.33E-01
6	rs3094093	30679628	A	0.06	0.85	4.95E-01	4.83E-01
6	rs9262152	30680916	T	0.15	-0.36	6.93E-01	8.00E-01
6	rs6924270	30681980	G	0.03	-2.02	2.41E-01	2.21E-01
6	rs3132587	30685066	T	0.08	0.82	4.59E-01	4.59E-01
6	rs3132585	30687614	G	0.10	1.70	1.07E-01	1.09E-01
6	rs9295910	30687714	A	0.05	0.30	8.40E-01	8.55E-01
6	rs3132583	30688575	G	0.10	1.72	1.04E-01	1.05E-01
6	rs3132582	30689001	T	0.10	1.60	1.22E-01	1.28E-01
6	rs25526	30690816	T	0.02	-2.37	2.94E-01	2.66E-01
6	rs11546742	30692768	G	0.03	1.74	3.15E-01	3.03E-01
6	rs9500864	30693232	A	0.01	-1.41	6.16E-01	5.84E-01
6	rs3095329	30693816	C	0.19	0.98	2.15E-01	2.40E-01
6	rs3094127	30697447	C	0.19	0.93	2.36E-01	2.59E-01
6	rs12179975	30697561	C	0.01	-1.86	5.03E-01	4.73E-01
6	rs9500867	30697931	C	0.01	-1.86	5.03E-01	4.73E-01
6	rs3909184	30699384	G	0.03	0.95	5.85E-01	5.81E-01

6	rs9262155	30700497	G	0.10	-1.86	7.42E-02	6.54E-02
6	rs9969042	30700558	G	0.03	0.95	5.85E-01	5.81E-01
6	rs2844704	30706013	T	0.19	0.12	8.87E-01	8.78E-01
6	rs12111310	30708428	C	0.03	0.95	5.85E-01	5.81E-01
6	rs1059612	30708955	A	0.09	1.79	9.52E-02	9.76E-02
6	rs10947088	30709830	C	0.03	0.95	5.85E-01	5.81E-01
6	rs1049943	30711026	C	0.03	0.95	5.85E-01	5.81E-01
6	rs8512	30711357	T	0.16	-0.42	6.29E-01	7.47E-01
6	rs2535319	30714479	G	0.38	0.46	4.77E-01	5.13E-01
6	rs7752674	30715637	G	0.03	-1.37	4.55E-01	4.13E-01
6	rs7753860	30716076	T	0.03	-1.80	3.33E-01	2.98E-01
6	rs12210092	30716719	T	0.05	-0.31	8.36E-01	8.79E-01
6	rs7763502	30717637	A	0.17	-0.56	5.03E-01	4.52E-01
6	rs2535323	30718180	C	0.15	-1.39	1.15E-01	9.68E-02
6	rs12202428	30719909	G	0.03	1.41	4.26E-01	3.87E-01
6	rs28780111	30720311	T	0.15	-1.81	3.70E-02	2.93E-02
6	rs3129973	30721143	T	0.10	1.91	6.44E-02	6.86E-02
6	rs3095328	30723781	T	0.10	1.78	8.91E-02	9.43E-02
6	rs2394401	30724430	C	0.12	-0.44	6.48E-01	6.94E-01
6	rs3095341	30726748	A	0.38	-0.04	9.51E-01	9.55E-01
6	rs3095340	30726939	G	0.14	1.57	7.88E-02	9.28E-02
6	rs3094122	30728360	C	0.22	1.01	1.88E-01	1.65E-01
6	rs11966040	30729487	G	0.02	1.41	5.00E-01	4.91E-01
6	rs3094121	30730960	A	0.21	0.83	2.82E-01	2.50E-01
6	rs9262176	30731330	T	0.03	-2.38	1.73E-01	1.34E-01
6	rs13214831	30731505	A	0.15	-1.84	3.32E-02	2.63E-02
6	rs3129975	30732054	C	0.21	0.83	2.82E-01	2.50E-01
6	rs12210947	30735105	G	0.17	1.14	1.81E-01	1.57E-01
6	rs11963870	30735229	A	0.02	1.41	5.00E-01	4.91E-01
6	rs11964596	30736541	A	0.02	1.32	5.31E-01	5.24E-01
6	rs3094117	30737486	G	0.26	0.56	4.30E-01	4.21E-01
6	rs3094116	30738408	A	0.25	0.17	8.14E-01	8.42E-01
6	rs6911628	30739846	T	0.25	0.17	8.14E-01	8.42E-01
6	rs3130666	30740160	A	0.03	-1.97	2.64E-01	2.45E-01

6	rs16897888	30740515	A	0.16	0.95	2.74E-01	2.33E-01
6	rs16897889	30740680	G	0.16	0.95	2.74E-01	2.33E-01
6	rs17481190	30743014	T	0.15	-1.84	3.43E-02	2.66E-02
6	rs11757629	30744529	C	0.03	3.07	1.25E-01	1.29E-01
6	rs13220225	30747802	A	0.15	-1.83	3.38E-02	2.59E-02
6	rs3132599	30748164	C	0.11	1.85	6.74E-02	7.17E-02
6	rs9468829	30749233	G	0.13	-0.62	5.15E-01	5.26E-01
6	rs9468830	30749712	G	0.31	-1.36	4.42E-02	3.72E-02
6	rs17189427	30750229	A	0.02	0.70	7.54E-01	7.35E-01
6	rs28780116	30755668	C	0.31	-1.36	4.42E-02	3.72E-02
6	rs16897900	30755893	A	0.31	-1.36	4.42E-02	3.72E-02
6	rs13201769	30756066	A	0.31	-1.36	4.42E-02	3.72E-02
6	rs4711228	30756274	T	0.31	-1.36	4.42E-02	3.72E-02
6	rs4713366	30756361	T	0.31	-1.39	4.10E-02	3.44E-02
6	rs3131043	30758466	G	0.41	-0.53	4.02E-01	3.63E-01
6	rs17189441	30758555	T	0.15	-1.84	3.33E-02	2.61E-02
6	rs3131050	30760025	C	0.11	1.83	7.03E-02	7.49E-02
6	rs34682678	30760639	C	0.08	-0.90	4.41E-01	5.23E-01
6	rs3094112	30761734	G	0.22	0.57	4.53E-01	4.18E-01
6	rs3129985	30762542	T	0.11	1.83	7.03E-02	7.49E-02
6	rs3131060	30763291	A	0.11	1.83	7.03E-02	7.49E-02
6	rs3131063	30763756	A	0.44	1.48	2.23E-02	1.88E-02
6	rs12660883	30764420	C	0.15	-1.93	2.56E-02	2.01E-02
6	rs1264377	30764907	T	0.15	1.43	1.05E-01	1.19E-01
6	rs12190167	30766194	A	0.13	0.89	3.45E-01	2.92E-01
6	rs12197154	30766244	C	0.13	0.79	4.04E-01	3.49E-01
6	rs4639381	30766765	G	0.28	-0.71	3.00E-01	3.15E-01
6	rs4713370	30767538	C	0.28	-0.71	3.00E-01	3.15E-01
6	rs4711235	30768636	C	0.28	-0.71	3.00E-01	3.15E-01
6	rs3129988	30769478	T	0.07	-0.44	7.17E-01	7.20E-01
6	rs9295919	30770000	T	0.28	-0.72	2.96E-01	3.11E-01
6	rs13198118	30770732	G	0.14	-1.29	1.47E-01	1.29E-01
6	rs9380192	30772344	G	0.28	-0.71	3.00E-01	3.15E-01
6	rs3094123	30772378	T	0.16	-0.12	8.86E-01	8.93E-01

6	rs4713376	30773314	C	0.14	0.11	9.08E-01	8.22E-01
6	rs9378109	30774474	A	0.14	-0.98	2.76E-01	2.50E-01
6	rs1264362	30776590	C	0.34	-0.16	8.13E-01	8.38E-01
6	rs1264361	30777498	C	0.11	1.59	1.08E-01	1.12E-01
6	rs9380197	30778203	A	0.29	-0.49	4.71E-01	5.00E-01
6	rs4327730	30780936	T	0.12	0.57	5.51E-01	4.76E-01
6	rs915665	30781381	T	0.01	2.62	3.44E-01	3.62E-01
6	rs12210318	30781904	A	0.12	0.57	5.51E-01	4.76E-01
6	rs886424	30782002	A	0.11	1.57	1.14E-01	1.18E-01
6	rs2894046	30782105	C	0.29	-0.53	4.32E-01	4.59E-01
6	rs2394412	30782235	A	0.29	-0.54	4.27E-01	4.53E-01
6	rs4713380	30785273	C	0.15	-1.02	2.42E-01	2.22E-01
6	rs12192760	30785385	C	0.12	0.34	7.25E-01	6.37E-01
6	rs9348843	30786676	A	0.29	-0.57	4.04E-01	4.27E-01
6	rs4713385	30787593	A	0.15	-1.02	2.42E-01	2.22E-01
6	rs16897921	30789526	A	0.14	0.11	9.08E-01	8.23E-01
6	rs12195964	30790481	G	0.14	0.11	9.08E-01	8.23E-01
6	rs4947289	30791409	T	0.15	-0.95	2.77E-01	2.56E-01
6	rs4713391	30792235	C	0.14	0.11	9.00E-01	8.15E-01
6	rs12192704	30792270	A	0.14	0.00	9.97E-01	9.13E-01
6	rs915664	30794617	G	0.34	-0.37	5.75E-01	5.88E-01
6	rs9380199	30796271	G	0.29	-0.62	3.59E-01	3.82E-01
6	rs1264350	30796545	G	0.13	1.22	1.91E-01	1.96E-01
6	rs12198723	30796734	G	0.12	0.41	6.70E-01	5.89E-01
6	rs3130785	30796738	T	0.15	-0.17	8.47E-01	8.52E-01
6	rs1264348	30798473	G	0.32	0.88	1.89E-01	2.11E-01
6	rs3130647	30799072	A	0.36	-0.73	2.63E-01	2.65E-01
6	rs9501030	30799399	A	0.17	-0.47	5.81E-01	5.55E-01
6	rs1264344	30800577	A	0.48	0.68	2.76E-01	2.66E-01
6	rs1264341	30802465	G	0.11	1.42	1.67E-01	1.66E-01
6	rs3130649	30803254	A	0.41	-1.21	5.62E-02	5.37E-02
6	rs3095352	30805921	G	0.41	-1.20	5.76E-02	5.53E-02
6	rs2517581	30809664	A	0.02	2.13	4.19E-01	3.96E-01
6	rs2535336	30810654	G	0.41	0.32	6.06E-01	6.47E-01

6	rs7759803	30812519	A	0.03	-0.83	6.55E-01	6.91E-01
6	rs2517576	30815035	T	0.19	1.24	1.27E-01	1.08E-01
6	rs2535331	30816270	T	0.39	0.46	4.71E-01	4.72E-01
6	rs3132578	30816865	T	0.40	-1.06	9.43E-02	9.44E-02
6	rs2250264	30821187	A	0.28	0.26	7.00E-01	7.05E-01
6	rs3095345	30822413	G	0.14	-1.18	1.83E-01	1.86E-01
6	rs3130653	30822771	C	0.40	-1.07	9.15E-02	9.17E-02
6	rs9295928	30823630	C	0.15	-0.13	8.80E-01	8.65E-01
6	rs2844660	30823760	G	0.14	0.02	9.83E-01	9.86E-01
6	rs2844659	30824532	A	0.19	1.20	1.37E-01	1.17E-01
6	rs9468841	30825287	C	0.08	-0.38	7.41E-01	7.52E-01
6	rs2535327	30826904	G	0.38	0.45	4.82E-01	4.81E-01
6	rs2844657	30829522	C	0.19	1.20	1.37E-01	1.17E-01
6	rs7761138	30830292	A	0.08	0.65	5.71E-01	4.97E-01
6	rs3130791	30831843	T	0.40	-1.07	9.15E-02	9.17E-02
6	rs3130793	30832357	T	0.40	-1.08	8.92E-02	9.07E-02
6	rs3130794	30832810	T	0.40	-1.08	8.92E-02	9.07E-02
6	rs10947109	30836225	C	0.02	5.15	4.79E-02	4.85E-02
6	rs2535340	30838497	G	0.11	1.42	1.67E-01	1.66E-01
6	rs2844654	30838688	C	0.39	0.46	4.71E-01	4.72E-01
6	rs3132573	30840688	T	0.37	-0.99	1.24E-01	1.21E-01
6	rs3130796	30840950	C	0.40	-1.08	8.92E-02	9.07E-02
6	rs7746003	30842894	A	0.03	-0.57	7.67E-01	8.34E-01
6	rs1264333	30844314	G	0.39	0.46	4.71E-01	4.72E-01
6	rs1264331	30846830	A	0.39	0.50	4.35E-01	4.38E-01
6	rs7756521	30848253	C	0.19	-0.31	6.99E-01	7.00E-01
6	rs885910	30849124	A	0.37	0.56	3.79E-01	3.51E-01
6	rs9295930	30849822	A	0.15	-0.13	8.80E-01	8.65E-01
6	rs9501032	30850191	C	0.19	-0.30	7.11E-01	7.11E-01
6	rs9461638	30851305	C	0.19	-0.30	7.11E-01	7.11E-01
6	rs9468842	30852747	T	0.19	-0.35	6.66E-01	6.69E-01
6	rs3131034	30853796	G	0.21	-1.36	7.18E-02	7.37E-02
6	rs6901464	30854090	T	0.19	-0.30	7.11E-01	7.11E-01
6	rs4618569	30855251	A	0.19	-0.30	7.11E-01	7.11E-01

6	rs1264323	30855907	T	0.37	0.56	3.76E-01	3.48E-01
6	rs2229933	30857072	C	0.19	-0.28	7.30E-01	7.29E-01
6	rs1264319	30862423	A	0.19	1.16	1.51E-01	1.33E-01
6	rs1264318	30863530	C	0.19	1.16	1.51E-01	1.33E-01
6	rs886422	30864279	A	0.11	1.44	1.61E-01	1.60E-01
6	rs1049623	30864829	G	0.37	0.55	3.83E-01	3.56E-01
6	rs6933271	30867830	G	0.01	0.40	8.79E-01	9.99E-01
6	rs9295931	30869714	T	0.19	-0.27	7.42E-01	7.43E-01
6	rs3869086	30870168	A	0.19	-0.27	7.42E-01	7.43E-01
6	rs12206075	30871000	C	0.19	-0.23	7.72E-01	7.70E-01
6	rs13215409	30871619	A	0.19	-0.27	7.42E-01	7.43E-01
6	rs2284175	30875145	C	0.19	-0.27	7.42E-01	7.43E-01
6	rs1052693	30876152	T	0.19	-0.27	7.42E-01	7.43E-01
6	rs3218816	30878857	A	0.04	-2.09	2.09E-01	2.14E-01
6	rs886420	30879636	A	0.10	1.50	1.44E-01	1.43E-01
6	rs3218822	30880336	C	0.03	-0.12	9.52E-01	9.90E-01
6	rs1264304	30882415	A	0.11	1.39	1.76E-01	1.75E-01
6	rs1264303	30882513	C	0.39	0.56	3.81E-01	3.87E-01
6	rs1264302	30882634	A	0.39	0.56	3.81E-01	3.87E-01
6	rs1264301	30882781	A	0.39	0.56	3.88E-01	3.95E-01
6	rs1264298	30884436	C	0.39	0.56	3.81E-01	3.87E-01
6	rs9262288	30885639	G	0.39	0.56	3.81E-01	3.87E-01
6	rs9262290	30885821	A	0.39	0.56	3.81E-01	3.87E-01
6	rs9262293	30886350	G	0.39	0.56	3.81E-01	3.87E-01
6	rs2517468	30888169	T	0.39	0.56	3.81E-01	3.87E-01
6	rs7766094	30888617	A	0.07	-0.53	6.73E-01	7.59E-01
6	rs2517467	30889260	C	0.45	-0.39	5.33E-01	5.49E-01
6	rs2074511	30889389	G	0.16	-0.33	7.02E-01	6.82E-01
6	rs885905	30890431	T	0.26	-0.97	1.77E-01	1.60E-01
6	rs2074506	30890483	A	0.39	0.59	3.60E-01	3.66E-01
6	rs753725	30890871	A	0.45	-0.40	5.27E-01	5.43E-01
6	rs2532938	30893831	T	0.39	0.54	3.97E-01	4.02E-01
6	rs4678	30893941	T	0.20	0.54	4.93E-01	4.33E-01
6	rs2532934	30894759	C	0.45	-0.38	5.44E-01	5.60E-01

6	rs3873332	30895990	C	0.16	-0.13	8.85E-01	8.68E-01
6	rs3873334	30896147	T	0.16	-0.28	7.39E-01	7.25E-01
6	rs2517459	30897022	A	0.22	-1.24	9.75E-02	1.00E-01
6	rs2532929	30897774	C	0.40	0.57	3.69E-01	3.77E-01
6	rs2844652	30898687	A	0.39	0.55	3.91E-01	3.96E-01
6	rs2286655	30899746	T	0.16	-0.13	8.85E-01	8.68E-01
6	rs2844651	30900664	A	0.46	-0.38	5.46E-01	5.60E-01
6	rs7764239	30900919	A	0.06	-1.06	4.14E-01	5.01E-01
6	rs10947114	30902181	T	0.15	-0.08	9.28E-01	9.15E-01
6	rs2844649	30904272	T	0.09	-0.33	7.57E-01	7.70E-01
6	rs12697941	30904714	A	0.15	-0.13	8.80E-01	8.65E-01
6	rs3132571	30905313	C	0.36	-0.22	7.43E-01	7.44E-01
6	rs6933400	30907176	T	0.13	-1.80	5.70E-02	5.52E-02
6	rs6933909	30907266	A	0.13	-1.87	4.54E-02	4.55E-02
6	rs3131921	30907335	G	0.13	1.16	2.10E-01	2.03E-01
6	rs4711249	30908266	A	0.16	-0.15	8.60E-01	8.40E-01
6	rs13206144	30912382	A	0.02	-1.76	4.57E-01	4.24E-01
6	rs2844702	30912481	T	0.39	0.48	4.59E-01	4.63E-01
6	rs2844701	30912691	C	0.10	-0.55	6.02E-01	6.16E-01
6	rs2517451	30914751	G	0.09	-0.29	7.88E-01	8.01E-01
6	rs3130782	30914843	T	0.14	1.34	1.34E-01	1.35E-01
6	rs3132580	30920124	T	0.13	1.24	1.86E-01	1.76E-01
6	rs2240804	30920890	T	0.38	0.43	5.07E-01	5.11E-01
6	rs3757340	30921882	C	0.28	-1.04	1.37E-01	1.31E-01
6	rs12212418	30924024	T	0.28	-1.04	1.37E-01	1.31E-01
6	rs11753326	30925985	C	0.09	0.40	7.09E-01	6.96E-01
6	rs2844697	30932309	A	0.34	-0.23	7.34E-01	7.21E-01
6	rs3095150	30932532	G	0.36	-0.49	4.54E-01	4.30E-01
6	rs2532924	30932682	A	0.42	-0.54	3.88E-01	3.83E-01
6	rs3095089	30933794	A	0.17	0.73	3.88E-01	3.88E-01
6	rs2532919	30933975	G	0.15	-1.23	1.61E-01	1.55E-01
6	rs2844690	30940032	A	0.14	-0.75	4.06E-01	3.88E-01
6	rs17196185	30940505	T	0.05	2.64	6.99E-02	6.79E-02
6	rs2517446	30940945	C	0.14	-0.76	3.94E-01	3.78E-01

6	rs9262315	30942387	C	0.14	-0.76	3.94E-01	3.78E-01
6	rs2517442	30942447	T	0.14	-0.76	3.94E-01	3.78E-01
6	rs3131931	30945265	T	0.24	1.16	1.22E-01	1.13E-01
6	rs34853064	30945625	T	0.07	-0.04	9.73E-01	9.94E-01
6	rs2844682	30946148	T	0.14	-0.72	4.19E-01	4.03E-01
6	rs2844680	30946496	A	0.42	0.10	8.72E-01	8.07E-01
6	rs9394023	30947042	A	0.15	-0.99	2.47E-01	2.06E-01
6	rs2517431	30947378	T	0.28	0.25	7.28E-01	6.85E-01
6	rs3094084	30947509	A	0.16	1.12	2.09E-01	1.87E-01
6	rs2517426	30949430	T	0.14	-0.65	4.68E-01	4.60E-01
6	rs2517425	30949670	C	0.26	1.05	1.45E-01	1.45E-01
6	rs2517422	30950589	A	0.14	-0.72	4.19E-01	4.03E-01
6	rs2530700	30951367	G	0.14	-0.72	4.19E-01	4.03E-01
6	rs2517419	30952873	T	0.14	-0.72	4.19E-01	4.03E-01
6	rs2530699	30953240	A	0.14	-0.72	4.19E-01	4.03E-01
6	rs1634731	30955681	G	0.17	-0.25	7.64E-01	7.90E-01
6	rs886403	30957618	C	0.25	1.27	8.33E-02	8.67E-02
6	rs3873342	30957766	G	0.10	0.86	4.13E-01	3.87E-01
6	rs34503701	30960221	T	0.07	-0.04	9.73E-01	9.94E-01
6	rs2844673	30961926	A	0.14	-0.89	3.19E-01	3.08E-01
6	rs9468857	30963143	G	0.01	-1.36	6.77E-01	6.84E-01
6	rs2517409	30964393	G	0.14	-0.86	3.36E-01	3.22E-01
6	rs2252926	30966304	G	0.14	-0.86	3.36E-01	3.22E-01
6	rs2517408	30966453	G	0.13	-0.68	4.68E-01	4.40E-01
6	rs2429295	30969498	G	0.14	-0.90	3.11E-01	2.97E-01
6	rs2508016	30969527	C	0.16	-0.43	6.13E-01	5.87E-01
6	rs2844668	30972121	A	0.21	-0.49	5.17E-01	5.35E-01
6	rs380808	30972202	T	0.14	-0.84	3.48E-01	3.36E-01
6	rs436376	30972390	A	0.14	-0.86	3.36E-01	3.22E-01
6	rs1634717	30972589	T	0.41	0.63	3.28E-01	3.39E-01
6	rs1634718	30972865	G	0.24	1.27	9.09E-02	8.54E-02
6	rs1634719	30973165	G	0.26	1.36	5.97E-02	6.06E-02
6	rs2523921	30975090	C	0.14	-0.86	3.36E-01	3.22E-01
6	rs2523923	30975141	A	0.14	-0.86	3.36E-01	3.21E-01

6	rs2523924	30975224	A	0.14	-0.86	3.36E-01	3.22E-01
6	rs1632854	30975649	T	0.41	0.60	3.51E-01	3.63E-01
6	rs28360974	30976219	A	0.05	-1.85	1.76E-01	1.78E-01
6	rs1634721	30977680	A	0.11	1.66	1.00E-01	1.05E-01
6	rs2530716	30978196	G	0.14	-0.86	3.36E-01	3.22E-01
6	rs12203410	30978746	A	0.15	-0.17	8.47E-01	8.80E-01
6	rs1634723	30979156	C	0.23	-0.11	8.85E-01	9.11E-01
6	rs3869095	30980015	T	0.10	0.86	4.13E-01	3.87E-01
6	rs6913305	30981307	T	0.39	-0.57	3.75E-01	3.37E-01
6	rs9391701	30983263	A	0.16	-1.05	2.23E-01	1.89E-01
6	rs1619376	30983326	T	0.21	-0.54	4.79E-01	5.01E-01
6	rs3871466	30983683	G	0.16	-1.05	2.23E-01	1.89E-01
6	rs6910700	30985957	G	0.39	-0.57	3.75E-01	3.37E-01
6	rs9262495	30986527	C	0.13	-0.63	4.97E-01	4.65E-01
6	rs4713412	30987211	G	0.39	-0.57	3.75E-01	3.37E-01
6	rs7758976	30987786	G	0.47	-1.06	9.04E-02	8.20E-02
6	rs9262528	30989770	A	0.13	-0.63	4.97E-01	4.65E-01
6	rs6903912	30991559	A	0.23	0.03	9.71E-01	9.76E-01
6	rs12198448	30992346	C	0.11	0.84	3.94E-01	4.03E-01
6	rs2523898	30993533	T	0.47	0.11	8.59E-01	8.35E-01
6	rs4713420	30993567	T	0.18	0.00	9.96E-01	9.81E-01
6	rs12179536	30993590	G	0.18	0.83	3.28E-01	3.03E-01
6	rs2523897	30993958	T	0.16	-0.11	8.96E-01	9.49E-01
6	rs12665700	30996132	T	0.10	0.81	4.46E-01	4.35E-01
6	rs6457301	30998879	C	0.33	0.45	5.02E-01	4.60E-01
6	rs10947121	30999997	C	0.35	0.54	4.16E-01	3.81E-01
6	rs13210132	31001143	G	0.05	-1.48	2.99E-01	2.58E-01
6	rs9468862	31001355	A	0.01	2.36	5.14E-01	5.01E-01
6	rs6933349	31002013	A	0.21	0.24	7.60E-01	7.24E-01
6	rs28732082	31004521	A	0.06	-1.74	1.93E-01	1.65E-01
6	rs2844670	31005726	C	0.15	-0.50	5.74E-01	6.15E-01
6	rs2844665	31006855	A	0.36	-0.10	8.77E-01	9.65E-01
6	rs12201301	31007557	A	0.04	-0.54	7.21E-01	7.35E-01
6	rs2517552	31007590	G	0.35	0.00	9.98E-01	9.09E-01

6	rs2517549	31008598	T	0.37	0.17	7.89E-01	8.58E-01
6	rs9262560	31008626	T	0.04	-0.85	6.01E-01	5.95E-01
6	rs2508015	31010200	T	0.41	0.01	9.86E-01	9.42E-01
6	rs2844647	31011013	T	0.49	-0.35	5.69E-01	4.81E-01
6	rs2248386	31011247	T	0.49	-0.35	5.69E-01	4.81E-01
6	rs10947129	31011662	A	0.15	0.89	3.10E-01	2.89E-01
6	rs12528584	31011845	T	0.15	0.89	3.10E-01	2.89E-01
6	rs7756294	31012356	A	0.05	-1.26	4.15E-01	3.93E-01
6	rs2523872	31012730	A	0.35	0.00	9.98E-01	9.09E-01
6	rs17190106	31013351	A	0.07	0.27	8.26E-01	7.50E-01
6	rs2523870	31014116	G	0.36	-0.07	9.19E-01	9.88E-01
6	rs9262582	31014305	A	0.13	-1.11	2.51E-01	2.18E-01
6	rs9394032	31016230	T	0.11	1.43	1.64E-01	1.53E-01
6	rs2251830	31016978	A	0.48	-0.17	7.81E-01	7.17E-01
6	rs2517532	31018407	T	0.41	-0.36	5.61E-01	6.08E-01
6	rs2523864	31018546	A	0.48	-0.19	7.56E-01	6.87E-01
6	rs9295947	31019460	A	0.11	1.50	1.45E-01	1.34E-01
6	rs9262632	31024808	G	0.05	-0.56	6.96E-01	7.06E-01
6	rs2523849	31025051	G	0.14	0.06	9.44E-01	9.82E-01
6	rs2523848	31025104	T	0.14	0.06	9.44E-01	9.82E-01
6	rs9262633	31025265	G	0.25	0.11	8.82E-01	8.97E-01
6	rs9262638	31025989	T	0.25	0.14	8.48E-01	8.61E-01
6	rs9262639	31026009	T	0.25	0.11	8.82E-01	8.97E-01
6	rs2428514	31027516	T	0.10	0.69	4.92E-01	5.09E-01
6	rs2517518	31028345	A	0.14	0.09	9.16E-01	9.70E-01
6	rs9262648	31029173	A	0.25	0.11	8.82E-01	8.97E-01
6	rs9262651	31029455	T	0.26	0.29	6.87E-01	6.93E-01
6	rs2517511	31029918	G	0.40	0.09	8.85E-01	9.19E-01
6	rs2523840	31030425	T	0.14	0.09	9.16E-01	9.70E-01
6	rs2256436	31031381	C	0.39	0.11	8.60E-01	8.98E-01
6	rs2517506	31031680	G	0.14	0.06	9.44E-01	9.82E-01
6	rs2394423	31032042	T	0.25	0.11	8.82E-01	8.97E-01
6	rs2517504	31032370	C	0.40	0.12	8.47E-01	8.80E-01
6	rs9262656	31034264	G	0.25	0.11	8.82E-01	8.97E-01

6	rs2517497	31036783	C	0.40	0.09	8.85E-01	9.19E-01
6	rs2517491	31038338	G	0.01	0.95	7.16E-01	8.56E-01
6	rs2517490	31038756	A	0.01	0.89	7.35E-01	8.74E-01
6	rs2523889	31040298	C	0.40	0.10	8.69E-01	9.05E-01
6	rs2523887	31040725	C	0.21	1.06	1.67E-01	1.57E-01
6	rs2523884	31041155	A	0.39	0.11	8.60E-01	8.98E-01
6	rs2517489	31042306	T	0.39	0.11	8.60E-01	8.98E-01
6	rs2523881	31042608	C	0.39	0.11	8.60E-01	8.98E-01
6	rs2517478	31044802	A	0.39	0.11	8.60E-01	8.98E-01
6	rs2517477	31044863	T	0.39	0.11	8.60E-01	8.98E-01
6	rs2523836	31047145	A	0.39	0.11	8.60E-01	8.98E-01
6	rs17190351	31047448	A	0.02	2.01	4.31E-01	4.30E-01
6	rs2523895	31047471	G	0.40	0.09	8.85E-01	9.19E-01
6	rs2106067	31048263	G	0.39	0.11	8.62E-01	9.01E-01
6	rs6941772	31048916	G	0.40	0.09	8.85E-01	9.19E-01
6	rs9380215	31049655	A	0.07	0.08	9.46E-01	8.28E-01
6	rs9263473	31050179	G	0.40	0.09	8.85E-01	9.19E-01
6	rs2535318	31051388	A	0.40	0.09	8.85E-01	9.19E-01
6	rs2535315	31052127	A	0.39	0.11	8.60E-01	8.98E-01
6	rs2535311	31052684	C	0.39	0.10	8.76E-01	9.15E-01
6	rs2535310	31053257	T	0.49	-0.62	3.23E-01	3.60E-01
6	rs3130955	31054511	A	0.38	-0.59	3.72E-01	3.82E-01
6	rs2535304	31054687	G	0.40	0.10	8.79E-01	9.06E-01
6	rs2535303	31055423	C	0.49	-0.51	4.08E-01	4.43E-01
6	rs4947296	31058178	C	0.07	0.03	9.80E-01	8.60E-01
6	rs3130544	31058340	A	0.11	1.37	1.76E-01	1.88E-01
6	rs2517452	31060162	A	0.49	-0.50	4.24E-01	4.63E-01
6	rs2517450	31061439	G	0.49	-0.51	4.08E-01	4.43E-01
6	rs2517448	31062667	A	0.37	0.18	7.88E-01	7.07E-01
6	rs2535289	31063233	C	0.50	-0.49	4.18E-01	4.44E-01
6	rs2256962	31065620	T	0.07	0.15	8.99E-01	9.04E-01
6	rs2517403	31067009	G	0.28	1.31	6.21E-02	7.11E-02
6	rs9263582	31070664	A	0.12	-1.57	1.34E-01	1.25E-01
6	rs2508011	31071058	G	0.28	1.29	6.54E-02	7.43E-02

6	rs9263607	31072157	A	0.15	-1.09	2.16E-01	1.71E-01
6	rs6457327	31074030	A	0.37	0.19	7.64E-01	6.85E-01
6	rs2517485	31074101	A	0.29	1.46	3.53E-02	4.28E-02
6	rs1064191	31075375	A	0.49	-0.49	4.26E-01	4.61E-01
6	rs2844635	31075481	C	0.28	1.31	6.21E-02	7.11E-02
6	rs9391709	31077405	C	0.07	-0.03	9.83E-01	8.78E-01
6	rs1265062	31078005	A	0.28	1.31	6.21E-02	7.11E-02
6	rs2233984	31079264	A	0.07	-0.03	9.83E-01	8.78E-01
6	rs4495304	31080718	C	0.07	0.06	9.62E-01	8.48E-01
6	rs2233967	31080828	C	0.21	-0.43	5.78E-01	5.96E-01
6	rs2233965	31080899	C	0.21	-0.49	5.26E-01	5.42E-01
6	rs2233956	31081205	G	0.17	0.67	4.34E-01	4.83E-01
6	rs1265048	31081409	G	0.32	0.37	5.82E-01	5.19E-01
6	rs3130977	31081989	C	0.34	0.33	6.19E-01	7.10E-01
6	rs17190526	31082081	A	0.16	-1.47	9.24E-02	7.57E-02
6	rs6917517	31082361	T	0.15	0.23	7.97E-01	6.92E-01
6	rs3130981	31083813	T	0.23	0.62	4.22E-01	3.95E-01
6	rs1042127	31084170	G	0.16	0.50	5.61E-01	4.64E-01
6	rs1062470	31084435	T	0.34	-0.74	2.71E-01	2.58E-01
6	rs3094212	31085770	T	0.50	-0.40	5.35E-01	5.77E-01
6	rs3130989	31086377	G	0.44	0.24	7.04E-01	7.12E-01
6	rs3094211	31086402	C	0.23	0.61	4.24E-01	3.96E-01
6	rs3095320	31087934	C	0.23	0.61	4.25E-01	3.97E-01
6	rs3095317	31088671	C	0.44	0.24	7.04E-01	7.12E-01
6	rs3095314	31089631	A	0.44	0.24	7.04E-01	7.12E-01
6	rs3094205	31091862	C	0.34	-0.77	2.51E-01	2.38E-01
6	rs3094204	31091992	T	0.43	1.32	4.21E-02	3.51E-02
6	rs3778638	31092124	A	0.23	-0.78	2.90E-01	2.68E-01
6	rs3131003	31093482	A	0.41	-0.50	4.38E-01	4.33E-01
6	rs3815087	31093587	T	0.20	-0.78	3.30E-01	3.23E-01
6	rs6931921	31095003	C	0.11	-1.57	1.15E-01	1.03E-01
6	rs9263715	31095801	A	0.20	-0.93	2.49E-01	2.38E-01
6	rs3909109	31096367	C	0.19	-0.78	3.46E-01	3.37E-01
6	rs3130559	31097301	T	0.21	0.33	6.72E-01	6.95E-01

6	rs3131009	31098832	G	0.25	0.86	2.40E-01	2.12E-01
6	rs4959053	31099577	A	0.07	0.01	9.91E-01	8.76E-01
6	rs3823418	31100942	A	0.18	-1.37	9.53E-02	8.82E-02
6	rs3130564	31101674	T	0.24	0.03	9.67E-01	9.72E-01
6	rs28732100	31104593	T	0.05	-1.46	3.12E-01	2.72E-01
6	rs1265099	31105413	C	0.39	0.76	2.31E-01	2.41E-01
6	rs2074478	31105633	G	0.17	-0.93	2.61E-01	2.81E-01
6	rs2233952	31105891	T	0.10	0.14	8.94E-01	8.40E-01
6	rs1265098	31106177	G	0.23	1.23	1.02E-01	8.26E-02
6	rs3130573	31106268	G	0.33	1.00	1.35E-01	1.44E-01
6	rs9263726	31106499	A	0.16	0.55	5.17E-01	5.67E-01
6	rs3094663	31107087	A	0.28	0.74	2.88E-01	2.38E-01
6	rs1265093	31107187	T	0.31	-1.17	8.52E-02	9.22E-02
6	rs1966	31107733	A	0.19	-0.95	2.42E-01	2.81E-01
6	rs9263733	31108829	T	0.02	0.45	8.33E-01	8.31E-01
6	rs1265086	31109882	C	0.46	0.02	9.73E-01	8.33E-01
6	rs12364	31110786	T	0.21	0.15	8.43E-01	8.97E-01
6	rs1265083	31111347	A	0.01	0.89	7.35E-01	8.74E-01
6	rs9263739	31111356	T	0.21	0.18	8.18E-01	8.61E-01
6	rs9263740	31111400	C	0.24	-0.46	5.28E-01	4.83E-01
6	rs11967883	31112354	T	0.03	-3.89	2.84E-02	2.58E-02
6	rs130072	31112484	A	0.05	2.17	1.23E-01	1.27E-01
6	rs1265074	31113214	T	0.19	-1.00	2.15E-01	2.52E-01
6	rs17196989	31113703	G	0.01	-0.51	8.72E-01	9.68E-01
6	rs3132538	31113842	T	0.19	0.76	3.42E-01	2.92E-01
6	rs746647	31114182	C	0.29	0.43	5.38E-01	6.26E-01
6	rs9263749	31114515	A	0.21	0.23	7.68E-01	8.14E-01
6	rs2240064	31114573	C	0.48	0.71	2.57E-01	2.34E-01
6	rs1265067	31116142	T	0.29	0.43	5.38E-01	6.26E-01
6	rs1265115	31117075	T	0.32	-1.66	1.34E-02	1.52E-02
6	rs1265112	31118019	G	0.29	0.43	5.38E-01	6.26E-01
6	rs130067	31118511	C	0.19	-1.00	2.15E-01	2.50E-01
6	rs130078	31118565	G	0.24	1.24	9.08E-02	7.60E-02
6	rs2517985	31118942	G	0.29	0.43	5.38E-01	6.26E-01

6	rs1265110	31119422	A	0.12	-0.66	4.97E-01	5.02E-01
6	rs1265109	31119589	A	0.27	-1.62	2.29E-02	2.85E-02
6	rs2240059	31120614	G	0.24	1.34	7.07E-02	5.94E-02
6	rs130077	31122330	T	0.20	-0.05	9.50E-01	9.24E-01
6	rs9263781	31123416	C	0.20	-0.05	9.50E-01	9.24E-01
6	rs3130453	31124849	T	0.48	-0.98	1.28E-01	1.23E-01
6	rs743401	31125158	G	0.44	1.02	1.11E-01	1.01E-01
6	rs2239524	31125569	T	0.44	1.02	1.11E-01	1.01E-01
6	rs720465	31125777	T	0.31	-0.59	4.02E-01	3.67E-01
6	rs3130455	31125978	T	0.23	-0.19	8.00E-01	7.41E-01
6	rs17197101	31126409	T	0.05	2.28	1.02E-01	1.06E-01
6	rs3094187	31126944	G	0.49	1.47	2.15E-02	1.97E-02
6	rs6905862	31127602	A	0.43	-0.81	2.11E-01	1.98E-01
6	rs7750641	31129310	T	0.11	1.15	2.57E-01	2.72E-01
6	rs2073724	31129707	T	0.05	1.99	1.56E-01	1.62E-01
6	rs9263794	31130019	G	0.20	-0.05	9.50E-01	9.24E-01
6	rs1419881	31130593	T	0.46	-1.29	4.34E-02	3.81E-02
6	rs1841	31130760	C	0.07	-1.20	3.44E-01	4.18E-01
6	rs17190776	31130865	A	0.05	1.98	1.60E-01	1.65E-01
6	rs3130933	31132085	A	0.11	-0.02	9.86E-01	9.65E-01
6	rs9263796	31132883	T	0.20	-0.05	9.50E-01	9.24E-01
6	rs9501063	31133894	C	0.04	-2.87	8.58E-02	7.17E-02
6	rs3130932	31133943	G	0.29	1.78	1.05E-02	8.66E-03
6	rs9263800	31134599	A	0.20	-0.05	9.50E-01	9.24E-01
6	rs3130931	31134888	A	0.29	0.97	1.62E-01	1.49E-01
6	rs9263805	31135735	A	0.24	1.32	7.08E-02	5.70E-02
6	rs3130501	31136453	A	0.23	1.40	5.72E-02	4.66E-02
6	rs3130503	31137165	A	0.19	0.70	3.83E-01	3.40E-01
6	rs879882	31139452	T	0.35	0.99	1.35E-01	1.19E-01
6	rs1108746	31139504	A	0.10	2.68	1.07E-02	9.71E-03
6	rs1265159	31140047	T	0.23	-0.37	6.25E-01	5.47E-01
6	rs3132517	31141836	G	0.19	0.79	3.29E-01	2.83E-01
6	rs3094188	31142245	G	0.33	1.06	1.10E-01	7.22E-02
6	rs1265156	31142297	T	0.31	0.07	9.19E-01	8.03E-01

6	rs887466	31143511	T	0.39	0.70	2.85E-01	2.06E-01
6	rs9501066	31145271	G	0.38	0.55	4.00E-01	3.03E-01
6	rs3868542	31145839	G	0.38	0.55	4.00E-01	3.03E-01
6	rs887464	31145920	A	0.41	0.16	8.01E-01	7.13E-01
6	rs4713438	31146846	A	0.18	1.09	1.86E-01	1.43E-01
6	rs9263823	31147094	T	0.13	-0.88	3.47E-01	3.09E-01
6	rs3130457	31147194	C	0.23	-0.40	6.02E-01	5.21E-01
6	rs6937752	31148606	T	0.37	0.56	3.95E-01	2.94E-01
6	rs9263827	31149045	T	0.04	1.31	4.22E-01	4.25E-01
6	rs7760698	31150225	A	0.05	-1.03	5.06E-01	5.15E-01
6	rs1128175	31150435	T	0.18	0.49	5.50E-01	5.23E-01
6	rs9263844	31155186	T	0.12	0.70	4.74E-01	4.56E-01
6	rs9263846	31155670	A	0.12	0.60	5.44E-01	5.25E-01
6	rs1265181	31155785	G	0.21	-0.28	7.23E-01	6.75E-01
6	rs9405015	31155803	T	0.01	-3.67	1.64E-01	1.81E-01
6	rs9295957	31157593	A	0.17	0.04	9.65E-01	9.10E-01
6	rs1265180	31159345	T	0.02	-1.35	5.75E-01	4.53E-01
6	rs9461653	31160553	G	0.07	-1.27	3.14E-01	3.78E-01
6	rs28362332	31162154	A	0.08	1.53	2.07E-01	2.13E-01
6	rs4713446	31162839	T	0.36	-0.10	8.79E-01	9.78E-01
6	rs4713447	31162963	G	0.36	-0.09	8.89E-01	9.90E-01
6	rs28362343	31165527	A	0.08	1.51	2.15E-01	2.20E-01
6	rs3094609	31165566	A	0.13	-0.08	9.28E-01	9.77E-01
6	rs9295961	31167498	C	0.07	-1.27	3.14E-01	3.78E-01
6	rs28397286	31167573	A	0.18	0.00	1.00E+00	9.42E-01
6	rs3868075	31167815	C	0.36	-0.09	8.91E-01	9.91E-01
6	rs4122190	31167852	C	0.01	-3.67	1.64E-01	1.81E-01
6	rs4122189	31167927	A	0.22	-0.22	7.75E-01	8.39E-01
6	rs6903896	31168029	A	0.04	-2.46	1.43E-01	1.12E-01
6	rs10807081	31169764	T	0.10	-0.11	9.20E-01	9.44E-01
6	rs9263870	31170514	G	0.08	1.69	1.64E-01	1.65E-01
6	rs9263871	31170528	G	0.30	0.31	6.55E-01	6.01E-01
6	rs9263873	31170713	C	0.36	-0.06	9.32E-01	9.66E-01
6	rs3132510	31172151	G	0.10	1.37	2.02E-01	2.00E-01

6	rs4446605	31173096	G	0.08	1.69	1.64E-01	1.65E-01
6	rs2894181	31174527	G	0.48	-0.22	7.22E-01	7.80E-01
6	rs9263911	31175667	G	0.44	-0.02	9.77E-01	9.78E-01
6	rs4351302	31176921	A	0.24	-1.14	1.20E-01	1.32E-01
6	rs9263916	31176928	C	0.08	1.71	1.58E-01	1.61E-01
6	rs35718543	31177845	A	0.10	3.75	4.34E-04	2.65E-04
6	rs34282959	31180531	C	0.26	1.93	7.86E-03	5.70E-03
6	rs9263948	31181025	T	0.08	1.71	1.58E-01	1.61E-01
6	rs9468898	31182383	G	0.04	-2.36	1.61E-01	1.29E-01
6	rs28360990	31182479	A	0.18	-0.93	2.61E-01	2.54E-01
6	rs11757688	31182536	G	0.26	1.92	8.16E-03	5.93E-03
6	rs9295967	31184020	G	0.24	-1.13	1.23E-01	1.35E-01
6	rs3869109	31184196	T	0.42	-1.14	7.81E-02	5.78E-02
6	rs9501522	31184425	A	0.06	-1.25	3.30E-01	3.88E-01
6	rs3130467	31187075	T	0.30	-1.21	8.32E-02	5.58E-02
6	rs10456394	31188200	C	0.18	-0.94	2.53E-01	2.53E-01
6	rs28360997	31188654	A	0.21	-0.28	7.15E-01	7.02E-01
6	rs9263985	31190538	A	0.36	0.52	4.33E-01	3.94E-01
6	rs4373355	31193155	C	0.37	0.40	5.51E-01	5.10E-01
6	rs6928399	31195218	T	0.29	0.41	5.57E-01	4.92E-01
6	rs28397289	31197407	T	0.19	0.46	5.73E-01	5.42E-01
6	rs3130473	31199208	T	0.27	-0.83	2.49E-01	2.06E-01
6	rs3130528	31199460	T	0.12	-0.22	8.16E-01	8.55E-01
6	rs7745906	31204008	A	0.16	0.35	6.81E-01	6.35E-01
6	rs3130685	31206206	T	0.41	-0.46	4.72E-01	4.07E-01
6	rs3130531	31206616	A	0.39	-0.41	5.14E-01	5.76E-01
6	rs3095250	31208340	G	0.37	0.78	2.34E-01	2.04E-01
6	rs3130532	31208453	A	0.12	-0.22	8.13E-01	8.53E-01
6	rs3130534	31209045	G	0.39	0.57	3.78E-01	3.46E-01
6	rs3130712	31209510	C	0.37	0.96	1.45E-01	1.25E-01
6	rs3130688	31210216	C	0.36	0.81	2.18E-01	1.85E-01
6	rs6901869	31210265	A	0.17	-0.94	2.67E-01	2.75E-01
6	rs9468907	31215097	T	0.01	-1.19	6.62E-01	6.17E-01
6	rs3095241	31215635	T	0.36	0.89	1.83E-01	1.55E-01

6	rs9357117	31217504	G	0.01	-4.31	1.31E-01	1.44E-01
6	rs3130424	31218239	C	0.25	-0.75	3.06E-01	2.58E-01
6	rs4084090	31218835	C	0.08	-0.15	8.99E-01	8.55E-01
6	rs4084262	31218889	A	0.11	0.12	9.05E-01	8.74E-01
6	rs3130427	31218984	A	0.40	0.74	2.52E-01	2.29E-01
6	rs9264179	31219869	T	0.39	0.81	2.05E-01	1.91E-01
6	rs4416711	31221039	T	0.08	-0.18	8.77E-01	8.69E-01
6	rs17191559	31221485	C	0.08	-1.98	9.08E-02	1.12E-01
6	rs9264219	31221914	C	0.28	0.58	3.99E-01	3.82E-01
6	rs1986997	31228410	T	0.36	-0.37	5.65E-01	5.37E-01
6	rs2394950	31230701	A	0.05	1.15	4.35E-01	4.35E-01
6	rs3130542	31232111	A	0.19	0.24	7.61E-01	7.23E-01
6	rs2844623	31232543	A	0.23	0.32	6.72E-01	7.36E-01
6	rs2248902	31234114	A	0.27	-0.44	5.54E-01	5.41E-01
6	rs9264532	31234381	C	0.31	0.25	7.10E-01	6.17E-01
6	rs2524099	31236051	C	0.48	-0.11	8.59E-01	8.67E-01
6	rs9394047	31236250	C	0.07	-2.00	1.24E-01	1.30E-01
6	rs34131062	31236410	T	0.14	0.67	4.67E-01	4.33E-01
6	rs9264602	31237406	C	0.30	0.59	3.85E-01	3.65E-01
6	rs2074488	31240431	A	0.14	0.59	5.24E-01	4.94E-01
6	rs2395471	31240692	A	0.38	-0.02	9.76E-01	9.93E-01
6	rs7759127	31240988	G	0.17	-1.29	1.20E-01	9.22E-02
6	rs5010528	31241032	G	0.07	1.83	1.51E-01	1.56E-01
6	rs9461680	31243347	T	0.19	0.15	8.52E-01	7.96E-01
6	rs3130696	31243884	A	0.23	0.39	5.90E-01	5.84E-01
6	rs2524073	31244235	T	0.18	-1.21	1.43E-01	1.12E-01
6	rs2524068	31245061	A	0.23	-0.04	9.61E-01	9.11E-01
6	rs9391714	31245080	A	0.02	-2.85	1.71E-01	2.00E-01
6	rs6906846	31245736	A	0.25	1.62	2.67E-02	2.39E-02
6	rs7382297	31247067	T	0.12	-0.23	8.03E-01	8.38E-01
6	rs17198616	31247964	C	0.13	0.74	4.27E-01	3.91E-01
6	rs9468914	31250606	C	0.30	0.79	2.45E-01	2.28E-01
6	rs2394963	31251462	T	0.26	1.13	1.17E-01	1.15E-01
6	rs9348862	31252747	C	0.07	-0.08	9.48E-01	9.96E-01

6	rs9461684	31253444	T	0.06	1.86	1.45E-01	1.50E-01
6	rs2853933	31254088	A	0.40	-0.66	3.10E-01	3.00E-01
6	rs9468920	31254936	A	0.26	1.20	9.56E-02	9.41E-02
6	rs2853930	31255424	G	0.17	-1.38	9.74E-02	7.35E-02
6	rs2524050	31255541	G	0.17	-1.38	9.74E-02	7.35E-02
6	rs2524044	31256753	C	0.22	-1.38	6.60E-02	5.59E-02
6	rs9468924	31256948	A	0.01	-1.24	6.41E-01	5.84E-01
6	rs3900938	31257622	G	0.21	1.45	6.22E-02	6.17E-02
6	rs28367594	31258141	A	0.03	-0.52	7.63E-01	7.58E-01
6	rs9468925	31258837	A	0.33	1.63	1.46E-02	1.24E-02
6	rs9468926	31260218	T	0.31	1.81	7.62E-03	6.67E-03
6	rs9357122	31260345	C	0.07	-0.08	9.48E-01	9.96E-01
6	rs16899178	31261137	T	0.04	-1.05	4.91E-01	5.45E-01
6	rs2243868	31261276	A	0.40	-0.59	3.62E-01	3.53E-01
6	rs3873379	31262169	G	0.26	1.12	1.21E-01	1.20E-01
6	rs3873380	31262438	A	0.26	1.13	1.15E-01	1.09E-01
6	rs9348863	31262461	C	0.08	-0.15	8.96E-01	9.46E-01
6	rs3873381	31263231	G	0.07	-0.08	9.48E-01	9.96E-01
6	rs3094682	31264461	T	0.16	1.33	1.14E-01	9.39E-02
6	rs9468932	31264823	A	0.20	-2.37	3.65E-03	3.14E-03
6	rs2524132	31264912	T	0.17	-1.38	9.74E-02	7.35E-02
6	rs2853924	31265146	A	0.17	-1.38	9.74E-02	7.35E-02
6	rs2246954	31265262	A	0.44	-0.77	2.26E-01	2.33E-01
6	rs2524123	31265314	G	0.41	-1.75	6.00E-03	3.85E-03
6	rs2247056	31265490	T	0.23	0.55	4.58E-01	4.43E-01
6	rs17192463	31265565	T	0.02	-0.77	7.18E-01	7.50E-01
6	rs2853923	31265737	C	0.45	-0.19	7.50E-01	6.99E-01
6	rs2524089	31266522	C	0.40	-0.53	4.10E-01	3.98E-01
6	rs28367646	31268332	C	0.26	1.11	1.18E-01	1.21E-01
6	rs9366778	31269173	A	0.36	0.67	3.11E-01	2.83E-01
6	rs3873385	31269308	A	0.20	-1.63	3.81E-02	2.88E-02
6	rs3915971	31269348	C	0.29	-0.22	7.53E-01	7.50E-01
6	rs7750269	31271157	G	0.09	-0.50	6.34E-01	7.00E-01
6	rs9264868	31271601	G	0.17	-1.40	9.25E-02	6.80E-02

6	rs9264869	31271630	G	0.18	-1.41	8.96E-02	6.80E-02
6	rs9264870	31271662	A	0.18	-1.41	8.96E-02	6.80E-02
6	rs9461688	31271716	G	0.25	1.28	7.87E-02	8.18E-02
6	rs9368675	31272157	A	0.09	-0.50	6.34E-01	7.00E-01
6	rs6457374	31272261	C	0.22	0.35	6.39E-01	6.12E-01
6	rs9368677	31272321	A	0.08	-0.49	6.67E-01	7.35E-01
6	rs9264904	31272553	A	0.29	-0.23	7.43E-01	6.81E-01
6	rs9264916	31272774	A	0.25	-1.23	8.40E-02	7.66E-02
6	rs7760988	31273030	T	0.10	-0.55	5.95E-01	6.61E-01
6	rs7761965	31273495	A	0.12	-0.66	4.86E-01	5.52E-01
6	rs3873386	31273745	G	0.33	1.69	1.13E-02	9.58E-03
6	rs6930944	31274036	G	0.09	-0.50	6.34E-01	7.00E-01
6	rs9264942	31274380	C	0.43	-0.83	2.03E-01	1.71E-01
6	rs10484554	31274555	T	0.16	-1.67	6.09E-02	5.57E-02
6	rs396243	31275174	G	0.26	-1.15	1.09E-01	9.81E-02
6	rs9378199	31301658	C	0.08	-0.58	6.09E-01	6.77E-01
6	rs9265882	31313101	C	0.41	-1.82	4.64E-03	2.84E-03
6	rs7453967	31314243	G	0.13	-0.24	7.96E-01	8.49E-01
6	rs2246010	31317024	C	0.05	0.28	8.39E-01	9.12E-01
6	rs9266018	31317223	A	0.12	-1.12	2.65E-01	2.68E-01
6	rs2156875	31317347	G	0.48	-0.43	4.97E-01	5.44E-01
6	rs2523619	31318144	G	0.22	-1.37	7.42E-02	6.13E-02
6	rs2442719	31320538	G	0.39	0.00	9.99E-01	9.66E-01
6	rs2596503	31320810	T	0.17	0.87	3.05E-01	2.93E-01
6	rs2523612	31321123	C	0.12	-0.03	9.75E-01	1.00E+00
6	rs2596501	31321211	G	0.48	0.76	2.24E-01	2.04E-01
6	rs1058026	31321685	G	0.13	0.35	7.18E-01	6.83E-01
6	rs2523608	31322559	C	0.41	-1.27	4.63E-02	4.33E-02
6	rs2596487	31325056	A	0.18	-0.67	4.29E-01	3.42E-01
6	rs2523591	31326960	T	0.42	0.93	1.39E-01	1.13E-01
6	rs2523580	31328245	C	0.36	-0.30	6.44E-01	6.90E-01
6	rs2596549	31331166	A	0.17	-0.68	4.21E-01	4.47E-01
6	rs2523554	31331829	G	0.37	0.86	1.84E-01	1.82E-01
6	rs2596551	31332239	C	0.22	-0.71	3.60E-01	3.45E-01

6	rs2844575	31334945	A	0.49	0.18	7.73E-01	7.96E-01
6	rs2844573	31335454	G	0.34	1.13	9.36E-02	9.15E-02
6	rs9266395	31335566	T	0.20	-0.91	2.52E-01	2.72E-01
6	rs9266399	31335806	T	0.20	-0.86	2.80E-01	3.03E-01
6	rs2523535	31336250	C	0.43	0.71	2.61E-01	2.78E-01
6	rs9266409	31336568	C	0.20	-0.86	2.80E-01	3.03E-01
6	rs2253907	31336870	G	0.45	-0.25	6.89E-01	6.85E-01
6	rs9266433	31337633	T	0.15	-0.79	3.79E-01	3.74E-01
6	rs9295986	31338528	T	0.23	-0.82	2.57E-01	2.32E-01
6	rs2523522	31340328	A	0.35	-0.41	5.29E-01	5.21E-01
6	rs2394990	31340559	C	0.35	-0.44	4.94E-01	4.86E-01
6	rs7770216	31340611	T	0.20	-0.89	2.58E-01	2.84E-01
6	rs9266515	31341340	C	0.02	0.35	8.81E-01	9.11E-01
6	rs2254556	31342631	A	0.17	-0.66	4.31E-01	4.58E-01
6	rs13202464	31344583	G	0.07	2.85	2.58E-02	1.81E-02
6	rs7382258	31345021	G	0.36	-0.25	7.02E-01	7.03E-01
6	rs7775117	31345486	A	0.19	0.27	7.33E-01	7.41E-01
6	rs9266629	31346822	C	0.26	0.64	3.79E-01	3.68E-01
6	rs9501587	31346937	A	0.16	0.23	7.87E-01	8.69E-01
6	rs9266638	31347057	T	0.27	-0.14	8.48E-01	8.08E-01
6	rs4713460	31347798	A	0.30	-0.68	3.21E-01	3.63E-01
6	rs4713462	31347816	A	0.29	-0.57	4.04E-01	4.43E-01
6	rs9266689	31348580	A	0.34	-0.78	2.41E-01	2.63E-01
6	rs9266722	31349922	T	0.11	-0.64	5.36E-01	5.55E-01
6	rs2442749	31352040	G	0.29	0.42	5.50E-01	6.34E-01
6	rs9266773	31352348	C	0.15	-0.75	4.02E-01	3.97E-01
6	rs28366099	31352902	T	0.07	-0.40	7.41E-01	7.21E-01
6	rs2844529	31353593	T	0.29	-0.30	6.67E-01	5.95E-01
6	rs2428486	31354104	G	0.29	-0.27	6.99E-01	6.26E-01
6	rs6932730	31354182	C	0.16	-1.05	2.16E-01	1.53E-01
6	rs4711268	31354504	T	0.22	-0.17	8.20E-01	7.52E-01
6	rs13437082	31354560	T	0.22	-0.25	7.40E-01	6.78E-01
6	rs4711269	31354819	T	0.22	-0.24	7.55E-01	6.89E-01
6	rs2596560	31355318	G	0.22	0.25	7.41E-01	7.48E-01

6	rs2523477	31360389	G	0.07	-0.30	8.09E-01	7.73E-01
6	rs7751725	31360433	G	0.21	-0.29	7.03E-01	6.36E-01
6	rs2523476	31361424	A	0.07	-0.30	8.09E-01	7.73E-01
6	rs2523467	31362930	A	0.28	-0.48	4.93E-01	4.28E-01
6	rs2251396	31364707	T	0.35	-0.40	5.53E-01	5.68E-01
6	rs2596542	31366595	A	0.28	-0.44	5.30E-01	4.94E-01
6	rs2523454	31367865	T	0.36	-0.77	2.44E-01	2.46E-01
6	rs2523453	31368125	C	0.28	-0.48	4.95E-01	4.14E-01
6	rs2844521	31368964	A	0.28	-0.37	6.05E-01	5.29E-01
6	rs2301749	31371355	T	0.02	-0.38	8.81E-01	8.62E-01
6	rs2263313	31373810	A	0.07	-0.27	8.29E-01	8.07E-01
6	rs12174396	31374579	G	0.08	-1.63	1.59E-01	1.79E-01
6	rs12660741	31376989	G	0.03	2.87	1.54E-01	1.39E-01
6	rs6910087	31377047	T	0.10	-1.14	2.61E-01	2.21E-01
6	rs9266804	31377642	G	0.06	3.10	1.73E-02	1.51E-02
6	rs1051794	31379109	A	0.25	0.49	5.05E-01	5.16E-01
6	rs1131896	31379115	A	0.25	-1.08	1.41E-01	1.47E-01
6	rs2256028	31379198	T	0.15	-0.26	7.69E-01	7.60E-01
6	rs2256175	31380449	A	0.40	0.09	8.92E-01	9.37E-01
6	rs28642901	31381808	G	0.22	0.75	3.35E-01	3.02E-01
6	rs9266825	31382882	A	0.22	0.87	2.65E-01	2.19E-01
6	rs1131904	31383071	G	0.22	0.83	2.81E-01	2.68E-01
6	rs6932236	31383979	C	0.22	0.87	2.60E-01	2.35E-01
6	rs2848713	31384479	A	0.06	-0.13	9.24E-01	9.56E-01
6	rs9468992	31384578	A	0.12	-0.92	3.30E-01	2.92E-01
6	rs9266845	31384792	C	0.22	0.84	2.76E-01	2.54E-01
6	rs2596530	31387373	G	0.49	0.11	8.55E-01	8.60E-01
6	rs2596531	31387557	C	0.49	0.11	8.56E-01	8.66E-01
6	rs9501106	31388109	A	0.12	-0.87	3.59E-01	3.14E-01
6	rs2844513	31388214	T	0.39	0.18	7.78E-01	8.07E-01
6	rs2844511	31389784	T	0.49	0.11	8.55E-01	8.50E-01
6	rs17200407	31389965	G	0.01	-0.82	7.68E-01	6.85E-01
6	rs10223568	31390203	C	0.12	-0.92	3.30E-01	2.92E-01
6	rs2516448	31390410	A	0.49	0.11	8.55E-01	8.50E-01

6	rs9501109	31392118	G	0.20	-0.44	5.72E-01	4.80E-01
6	rs2524279	31392906	C	0.07	-1.10	3.81E-01	4.40E-01
6	rs4947314	31393374	G	0.14	-0.37	6.74E-01	6.30E-01
6	rs6935045	31402410	A	0.12	1.58	8.59E-02	8.12E-02
6	rs9501595	31405604	T	0.12	-0.92	3.30E-01	2.92E-01
6	rs2524277	31407579	T	0.04	0.41	8.04E-01	8.15E-01
6	rs7772549	31407643	C	0.26	0.32	6.56E-01	6.88E-01
6	rs9469003	31407828	C	0.12	-0.92	3.30E-01	2.92E-01
6	rs3094738	31407913	C	0.06	-0.24	8.51E-01	8.39E-01
6	rs6938674	31408004	C	0.02	2.70	2.19E-01	2.15E-01
6	rs9469007	31409024	C	0.27	0.19	7.89E-01	8.28E-01
6	rs28575156	31409857	G	0.12	-0.97	3.03E-01	2.65E-01
6	rs6928810	31410524	T	0.24	0.50	5.02E-01	4.89E-01
6	rs3899823	31410597	T	0.18	-0.34	6.86E-01	6.38E-01
6	rs3869129	31410649	A	0.18	-0.34	6.86E-01	6.38E-01
6	rs2596464	31412961	A	0.46	0.55	3.84E-01	3.70E-01
6	rs9765960	31413000	A	0.02	2.70	2.19E-01	2.15E-01
6	rs12206131	31414010	G	0.04	-1.23	4.63E-01	5.04E-01
6	rs2516464	31416156	T	0.48	0.35	5.76E-01	5.32E-01
6	rs2516463	31416536	C	0.07	0.13	9.19E-01	9.36E-01
6	rs16899646	31416920	G	0.11	-1.24	2.28E-01	2.04E-01
6	rs3128982	31417191	G	0.34	0.07	9.17E-01	9.40E-01
6	rs9501129	31417396	C	0.12	-0.77	4.30E-01	4.04E-01
6	rs2596458	31417647	A	0.07	0.13	9.19E-01	9.36E-01
6	rs2516458	31419387	A	0.48	0.35	5.76E-01	5.32E-01
6	rs2516456	31420018	A	0.48	0.37	5.51E-01	5.09E-01
6	rs2516454	31420863	T	0.07	0.13	9.19E-01	9.36E-01
6	rs6919586	31421112	G	0.11	-1.27	2.16E-01	1.92E-01
6	rs3093971	31424607	T	0.11	-1.43	1.61E-01	1.70E-01
6	rs2395028	31424757	T	0.07	0.13	9.19E-01	9.36E-01
6	rs2254386	31425033	T	0.47	0.22	7.28E-01	6.79E-01
6	rs2596480	31425985	A	0.07	0.13	9.19E-01	9.36E-01
6	rs3094228	31429927	G	0.19	1.00	2.13E-01	2.53E-01
6	rs2255001	31430143	C	0.15	-1.05	2.36E-01	2.58E-01

6	rs2395029	31431780	G	0.03	-1.92	2.76E-01	2.51E-01
6	rs2284178	31432125	C	0.49	0.06	9.19E-01	8.98E-01
6	rs3094014	31433558	T	0.17	1.20	1.50E-01	1.74E-01
6	rs2516518	31435119	T	0.08	0.28	8.14E-01	8.73E-01
6	rs4713466	31435869	T	0.17	-1.52	6.87E-02	5.96E-02
6	rs2518028	31436047	A	0.31	0.26	7.00E-01	7.05E-01
6	rs2523674	31436789	C	0.45	0.88	1.65E-01	1.84E-01
6	rs2395031	31437305	A	0.06	0.17	9.01E-01	9.26E-01
6	rs9267137	31438397	C	0.06	-0.07	9.62E-01	9.36E-01
6	rs7758090	31438794	T	0.07	0.15	9.06E-01	9.56E-01
6	rs2844505	31439063	G	0.24	0.51	4.86E-01	4.28E-01
6	rs1055569	31440082	T	0.33	0.31	6.47E-01	7.02E-01
6	rs2516440	31440497	T	0.33	0.31	6.41E-01	6.87E-01
6	rs4413654	31441349	A	0.26	0.44	5.41E-01	5.98E-01
6	rs12665745	31441901	A	0.16	1.03	2.25E-01	2.33E-01
6	rs6940467	31442137	G	0.10	-0.70	5.13E-01	4.41E-01
6	rs3131643	31442782	T	0.13	1.20	1.88E-01	2.03E-01
6	rs12660382	31443323	T	0.19	0.69	3.86E-01	4.16E-01
6	rs16899682	31443699	C	0.03	-2.91	1.05E-01	9.05E-02
6	rs2596534	31445345	C	0.41	0.69	2.90E-01	2.99E-01
6	rs2395488	31445909	G	0.34	0.67	3.15E-01	3.24E-01
6	rs2248372	31446466	A	0.30	0.44	5.26E-01	5.04E-01
6	rs2248373	31446546	T	0.35	-1.03	1.23E-01	1.15E-01
6	rs2248462	31446796	A	0.20	0.28	7.28E-01	6.59E-01
6	rs2516513	31447588	A	0.20	0.29	7.23E-01	6.58E-01
6	rs2516424	31448315	C	0.34	0.66	3.24E-01	3.33E-01
6	rs2248617	31448533	A	0.34	0.63	3.48E-01	3.51E-01
6	rs3828893	31448653	A	0.06	0.34	7.96E-01	8.43E-01
6	rs3749946	31448862	A	0.08	-0.57	6.27E-01	5.47E-01
6	rs3099844	31448976	A	0.11	1.33	1.88E-01	2.01E-01
6	rs2905722	31449327	T	0.12	0.42	6.57E-01	6.63E-01
6	rs2516509	31449994	G	0.20	0.40	6.22E-01	5.59E-01
6	rs2523710	31450909	T	0.17	-0.33	6.92E-01	6.83E-01
6	rs2523706	31451567	G	0.31	0.42	5.38E-01	5.40E-01

6	rs2904600	31453113	G	0.20	0.30	7.13E-01	6.32E-01
6	rs9267212	31453618	T	0.07	-0.05	9.70E-01	8.92E-01
6	rs17193640	31454887	C	0.07	-0.35	7.85E-01	7.64E-01
6	rs3094009	31457178	A	0.20	-0.01	9.92E-01	9.85E-01
6	rs9267289	31458205	A	0.07	-0.17	8.94E-01	8.30E-01
6	rs2516415	31459742	T	0.33	0.61	3.76E-01	3.73E-01
6	rs3130922	31461089	A	0.33	-0.33	6.27E-01	6.46E-01
6	rs3828903	31464739	A	0.36	-0.68	3.07E-01	3.39E-01
6	rs3828914	31465819	T	0.35	-0.77	2.42E-01	2.80E-01
6	rs2855807	31469323	C	0.33	0.28	6.76E-01	7.05E-01
6	rs2516496	31469491	G	0.14	-0.70	4.59E-01	4.37E-01
6	rs2534657	31472459	A	0.14	-0.75	4.22E-01	4.09E-01
6	rs2855812	31472720	T	0.22	-0.12	8.77E-01	8.60E-01
6	rs3134899	31473286	C	0.19	0.97	2.20E-01	2.32E-01
6	rs3130615	31475413	C	0.22	0.57	4.47E-01	4.90E-01
6	rs3132468	31475486	G	0.22	0.57	4.47E-01	4.90E-01
6	rs3131635	31476134	T	0.22	0.54	4.77E-01	5.23E-01
6	rs2844498	31476854	A	0.46	-0.71	2.59E-01	2.98E-01
6	rs2844496	31480398	A	0.10	0.21	8.46E-01	8.06E-01
6	rs3131633	31480923	T	0.16	0.65	4.47E-01	4.55E-01
6	rs2516400	31481105	T	0.32	0.29	6.76E-01	7.02E-01
6	rs2516399	31481299	C	0.10	0.19	8.61E-01	8.23E-01
6	rs2246986	31482203	G	0.10	0.21	8.46E-01	8.06E-01
6	rs2844494	31483415	G	0.30	0.21	7.58E-01	7.88E-01
6	rs9267444	31483458	A	0.35	0.48	4.71E-01	4.18E-01
6	rs9267445	31483481	C	0.10	1.29	2.15E-01	2.17E-01
6	rs2395045	31484517	C	0.20	0.21	7.83E-01	8.46E-01
6	rs3131631	31484683	C	0.20	0.21	7.83E-01	8.46E-01
6	rs3093998	31485174	G	0.34	1.00	1.35E-01	1.47E-01
6	rs3130637	31488145	T	0.23	0.28	7.10E-01	7.91E-01
6	rs3132454	31489644	C	0.38	0.21	7.45E-01	7.19E-01
6	rs3093993	31490725	G	0.23	0.28	7.10E-01	7.91E-01
6	rs9469021	31490970	T	0.02	2.51	2.63E-01	2.59E-01
6	rs3095227	31491000	T	0.23	0.28	7.10E-01	7.91E-01

6	rs3093988	31492453	T	0.17	-0.17	8.41E-01	8.71E-01
6	rs3093986	31493421	A	0.17	0.98	2.45E-01	2.54E-01
6	rs2734574	31493888	T	0.39	-0.38	5.49E-01	5.90E-01
6	rs3093983	31496925	C	0.16	1.00	2.35E-01	2.48E-01
6	rs3130055	31497399	C	0.22	1.06	1.63E-01	1.68E-01
6	rs3093978	31498497	G	0.17	0.98	2.45E-01	2.54E-01
6	rs3853601	31499603	C	0.14	-1.19	1.94E-01	1.84E-01
6	rs3093948	31501413	T	0.17	0.96	2.52E-01	2.55E-01
6	rs1055388	31501737	G	0.22	1.06	1.63E-01	1.68E-01
6	rs3093976	31502861	T	0.17	0.98	2.45E-01	2.54E-01
6	rs3130057	31504587	G	0.17	0.98	2.45E-01	2.54E-01
6	rs2734583	31505480	C	0.10	1.17	2.51E-01	2.54E-01
6	rs3130058	31505887	T	0.17	0.98	2.45E-01	2.54E-01
6	rs933208	31506648	C	0.22	1.12	1.42E-01	1.48E-01
6	rs2071596	31506691	T	0.19	-0.64	4.32E-01	4.44E-01
6	rs2516393	31506744	T	0.17	0.98	2.45E-01	2.54E-01
6	rs2239709	31507447	A	0.06	0.84	5.39E-01	5.30E-01
6	rs12665501	31508069	G	0.02	0.78	7.46E-01	6.34E-01
6	rs7738430	31508836	C	0.03	-0.11	9.57E-01	9.79E-01
6	rs2523507	31509355	C	0.22	1.15	1.29E-01	1.34E-01
6	rs2523505	31510002	C	0.08	-0.43	7.20E-01	7.44E-01
6	rs2844509	31510924	C	0.25	0.67	3.69E-01	3.81E-01
6	rs12662306	31511138	C	0.02	1.17	6.30E-01	5.26E-01
6	rs9267487	31511350	C	0.06	-1.46	2.54E-01	1.99E-01
6	rs2251824	31511857	A	0.16	-1.22	1.62E-01	1.66E-01
6	rs2071593	31512799	T	0.06	0.84	5.39E-01	5.30E-01
6	rs2239705	31513402	T	0.18	1.12	1.70E-01	1.52E-01
6	rs2523503	31513559	T	0.16	-1.22	1.62E-01	1.66E-01
6	rs2071591	31515799	T	0.37	-0.74	2.52E-01	2.68E-01
6	rs3219183	31516363	C	0.04	-0.65	6.91E-01	6.98E-01
6	rs7738380	31518015	G	0.02	0.21	9.24E-01	9.73E-01
6	rs2523500	31518354	C	0.34	1.55	1.59E-02	1.50E-02
6	rs6916921	31520426	T	0.10	2.59	1.45E-02	1.13E-02
6	rs35969216	31521242	T	0.01	1.51	6.69E-01	7.06E-01

6	rs2255798	31521302	G	0.13	-1.48	1.17E-01	1.10E-01
6	rs6929796	31522669	A	0.19	-0.76	3.44E-01	3.60E-01
6	rs2857605	31524851	G	0.18	0.78	3.48E-01	3.50E-01
6	rs2230365	31525448	T	0.14	-1.41	1.21E-01	1.12E-01
6	rs13192469	31526856	C	0.04	-0.78	6.35E-01	6.42E-01
6	rs4947324	31528130	T	0.09	-0.09	9.37E-01	8.50E-01
6	rs17200733	31528951	G	0.13	-1.15	2.18E-01	2.07E-01
6	rs2516390	31529883	G	0.38	1.35	3.36E-02	3.16E-02
6	rs928815	31531215	A	0.38	1.35	3.36E-02	3.16E-02
6	rs2857709	31532814	T	0.12	0.33	7.32E-01	7.51E-01
6	rs2857708	31533606	A	0.13	-1.45	1.25E-01	1.18E-01
6	rs17200740	31535539	C	0.01	6.21	3.71E-02	3.28E-02
6	rs2009658	31538244	G	0.16	-1.10	2.08E-01	2.05E-01
6	rs2844482	31539767	A	0.16	-1.10	2.08E-01	2.05E-01
6	rs1800683	31540071	A	0.37	-0.69	2.85E-01	3.04E-01
6	rs2229094	31540556	C	0.25	-0.80	2.64E-01	2.34E-01
6	rs2229092	31540757	C	0.05	0.50	7.26E-01	6.98E-01
6	rs1041981	31540784	A	0.37	-0.65	3.11E-01	3.34E-01
6	rs3093662	31544189	G	0.08	-1.11	3.52E-01	2.93E-01
6	rs3093668	31546495	C	0.04	-1.31	4.26E-01	3.67E-01
6	rs7766988	31551347	C	0.04	-1.20	4.80E-01	4.57E-01
6	rs17200768	31553935	T	0.01	0.26	9.26E-01	9.03E-01
6	rs2256965	31555130	T	0.40	1.42	2.42E-02	2.31E-02
6	rs9267503	31555189	A	0.02	1.15	6.60E-01	6.79E-01
6	rs13211368	31555818	A	0.02	-1.32	6.12E-01	5.52E-01
6	rs986475	31556709	C	0.09	2.40	2.72E-02	2.09E-02
6	rs11575841	31557491	A	0.03	-1.02	5.66E-01	5.45E-01
6	rs2736191	31560910	C	0.03	-0.43	8.10E-01	8.49E-01
6	rs2844480	31564821	A	0.20	-1.04	1.87E-01	1.81E-01
6	rs2509217	31566204	T	0.03	-1.52	4.10E-01	4.23E-01
6	rs17200810	31566507	A	0.03	0.87	6.33E-01	6.50E-01
6	rs2857596	31567422	C	0.23	0.73	3.26E-01	3.28E-01
6	rs2857595	31568469	T	0.20	-0.31	6.94E-01	7.46E-01
6	rs2857700	31572481	A	0.11	1.41	1.66E-01	1.68E-01

6	rs9378200	31572927	C	0.06	2.05	1.40E-01	1.41E-01
6	rs2844479	31572956	G	0.38	-0.30	6.40E-01	5.88E-01
6	rs9348876	31575276	T	0.07	1.89	1.45E-01	1.42E-01
6	rs2844477	31578772	G	0.39	0.41	5.36E-01	5.37E-01
6	rs3132451	31582025	G	0.19	0.09	9.09E-01	8.96E-01
6	rs2844475	31583155	T	0.41	0.16	8.01E-01	8.40E-01
6	rs28732150	31583224	A	0.05	1.40	3.47E-01	3.30E-01
6	rs2269475	31583931	A	0.12	0.82	3.99E-01	3.62E-01
6	rs2857597	31585000	A	0.25	-0.65	3.73E-01	3.72E-01
6	rs2736177	31586094	G	0.11	1.06	2.94E-01	2.97E-01
6	rs2736176	31587561	G	0.33	0.19	7.74E-01	7.93E-01
6	rs2736173	31589735	A	0.03	-4.33	2.19E-02	2.22E-02
6	rs3130622	31592524	C	0.17	0.41	6.16E-01	5.82E-01
6	rs2260000	31593476	C	0.39	0.46	4.81E-01	4.84E-01
6	rs3130071	31594628	T	0.11	1.12	2.68E-01	2.71E-01
6	rs17207225	31597757	T	0.02	-2.95	1.57E-01	1.12E-01
6	rs3115663	31601843	G	0.17	0.41	6.16E-01	5.82E-01
6	rs1046089	31602967	A	0.35	0.35	6.02E-01	5.66E-01
6	rs2261033	31603591	C	0.48	0.23	7.13E-01	7.35E-01
6	rs3132453	31604044	A	0.06	0.88	5.10E-01	5.14E-01
6	rs35502919	31604355	A	0.07	-0.88	4.58E-01	3.85E-01
6	rs743400	31607111	C	0.06	0.03	9.85E-01	9.84E-01
6	rs9267525	31607942	C	0.08	-0.19	8.68E-01	9.18E-01
6	rs3130628	31609272	C	0.17	0.41	6.10E-01	5.77E-01
6	rs1077394	31610384	G	0.31	0.34	6.24E-01	6.59E-01
6	rs1077393	31610529	T	0.48	0.53	4.00E-01	4.03E-01
6	rs3130048	31613739	C	0.25	1.04	1.50E-01	1.34E-01
6	rs2844463	31615167	T	0.16	-1.30	1.34E-01	1.16E-01
6	rs805303	31616366	T	0.37	0.05	9.38E-01	9.29E-01
6	rs805302	31617957	G	0.37	0.04	9.47E-01	9.41E-01
6	rs805301	31618121	G	0.37	0.04	9.47E-01	9.41E-01
6	rs805300	31618567	C	0.05	-1.46	3.27E-01	2.93E-01
6	rs3130050	31618761	G	0.11	1.19	2.28E-01	2.30E-01
6	rs3117583	31619576	C	0.17	0.41	6.16E-01	5.82E-01

6	rs813115	31620020	C	0.37	0.03	9.58E-01	9.54E-01
6	rs3117582	31620520	C	0.09	0.90	4.13E-01	4.10E-01
6	rs805298	31621095	A	0.05	-1.47	3.25E-01	2.88E-01
6	rs805264	31623873	T	0.04	-1.23	4.22E-01	3.73E-01
6	rs3132449	31626013	A	0.09	1.21	2.70E-01	2.64E-01
6	rs28732157	31628216	T	0.05	1.32	3.70E-01	3.56E-01
6	rs805262	31628733	A	0.47	0.85	1.81E-01	1.79E-01
6	rs707974	31629499	C	0.12	-0.35	7.16E-01	6.15E-01
6	rs928814	31631907	T	0.03	-2.71	1.79E-01	1.31E-01
6	rs3130618	31632134	A	0.17	0.41	6.16E-01	5.82E-01
6	rs34541484	31633389	C	0.01	-1.38	5.91E-01	6.41E-01
6	rs9267529	31634570	C	0.08	-0.44	6.91E-01	7.34E-01
6	rs14365	31635710	C	0.20	-0.30	7.11E-01	6.74E-01
6	rs3117578	31636031	T	0.11	1.19	2.28E-01	2.30E-01
6	rs9267531	31636742	G	0.09	1.20	2.74E-01	2.69E-01
6	rs805268	31638178	G	0.04	-1.23	4.22E-01	3.73E-01
6	rs35609644	31638848	T	0.01	2.37	3.75E-01	3.58E-01
6	rs805267	31639757	T	0.05	-1.46	3.27E-01	2.93E-01
6	rs9267532	31639979	T	0.08	-0.19	8.68E-01	9.18E-01
6	rs1266076	31640518	C	0.37	0.07	9.15E-01	9.15E-01
6	rs707919	31641139	C	0.33	0.20	7.72E-01	7.89E-01
6	rs805272	31641386	A	0.04	-1.23	4.22E-01	3.73E-01
6	rs805269	31644282	C	0.05	-1.50	3.16E-01	2.79E-01
6	rs2280800	31646398	T	0.12	0.80	4.07E-01	3.73E-01
6	rs9267534	31646766	C	0.08	-0.44	6.91E-01	7.34E-01
6	rs9267536	31651194	C	0.05	-0.31	8.28E-01	8.73E-01
6	rs707918	31654732	T	0.28	-0.42	5.59E-01	5.54E-01
6	rs915653	31657047	C	0.01	0.90	7.60E-01	7.66E-01
6	rs805283	31657924	T	0.05	-1.45	3.31E-01	2.97E-01
6	rs28366155	31658634	G	0.06	0.03	9.85E-01	9.84E-01
6	rs11552114	31660848	T	0.01	-1.31	6.33E-01	5.52E-01
6	rs805281	31661489	G	0.28	-0.42	5.58E-01	5.53E-01
6	rs805277	31662957	A	0.28	-0.45	5.32E-01	5.25E-01
6	rs805274	31665194	G	0.28	-0.42	5.58E-01	5.53E-01

6	rs805273	31665452	T	0.07	-1.92	1.13E-01	8.01E-02
6	rs2295663	31669295	C	0.05	1.40	3.47E-01	3.30E-01
6	rs984685	31669457	A	0.04	3.37	3.44E-02	2.53E-02
6	rs1266071	31669496	A	0.12	-0.28	7.73E-01	6.76E-01
6	rs9267545	31671879	A	0.08	-0.43	6.93E-01	7.34E-01
6	rs34406901	31672268	G	0.08	-3.33	5.71E-03	6.64E-03
6	rs9267546	31673436	A	0.10	-0.59	5.58E-01	5.60E-01
6	rs2242653	31675765	T	0.14	1.48	1.12E-01	9.24E-02
6	rs805286	31679307	C	0.27	-0.79	2.69E-01	2.74E-01
6	rs9469040	31679874	T	0.04	-1.55	3.15E-01	2.92E-01
6	rs385306	31681160	T	0.23	-0.69	3.64E-01	3.93E-01
6	rs442391	31681289	A	0.02	-1.31	5.87E-01	5.11E-01
6	rs9469042	31683018	C	0.05	-1.50	3.18E-01	2.92E-01
6	rs3749952	31683157	G	0.04	-1.58	3.06E-01	2.84E-01
6	rs3131384	31685654	C	0.15	0.78	3.74E-01	3.72E-01
6	rs396763	31686726	G	0.01	-1.31	6.33E-01	5.52E-01
6	rs1065356	31687008	T	0.20	-0.26	7.36E-01	7.68E-01
6	rs805294	31688217	C	0.34	-0.07	9.16E-01	9.31E-01
6	rs805293	31688518	A	0.49	0.40	5.24E-01	5.15E-01
6	rs805292	31690009	T	0.21	-0.33	6.72E-01	7.05E-01
6	rs805306	31692163	C	0.34	-0.07	9.16E-01	9.33E-01
6	rs11575845	31692386	G	0.05	0.15	9.20E-01	9.68E-01
6	rs28366162	31695590	C	0.06	-0.24	8.60E-01	8.26E-01
6	rs805305	31697387	C	0.34	-0.03	9.67E-01	9.90E-01
6	rs805304	31698088	C	0.34	-0.04	9.57E-01	9.70E-01
6	rs17201046	31699573	A	0.01	0.47	8.61E-01	8.49E-01
6	rs28381339	31706474	C	0.01	4.48	1.61E-01	1.73E-01
6	rs3131382	31707730	A	0.06	1.27	3.47E-01	3.53E-01
6	rs28381348	31708910	C	0.04	-1.78	2.54E-01	2.69E-01
6	rs707915	31710968	T	0.08	-0.54	6.43E-01	6.65E-01
6	rs2293861	31711124	A	0.13	-0.26	7.87E-01	8.20E-01
6	rs3132445	31712196	T	0.09	1.38	2.11E-01	2.06E-01
6	rs3749953	31713124	G	0.10	0.34	7.47E-01	6.53E-01
6	rs3828922	31713454	T	0.13	-0.26	7.87E-01	8.20E-01

6	rs3131379	31721033	T	0.09	1.36	2.18E-01	2.13E-01
6	rs3117574	31725230	A	0.09	1.37	2.14E-01	2.10E-01
6	rs707939	31726688	T	0.38	0.52	4.25E-01	4.34E-01
6	rs707938	31729359	C	0.29	0.07	9.24E-01	9.22E-01
6	rs707937	31731014	C	0.18	-0.12	8.89E-01	9.01E-01
6	rs6905572	31731881	T	0.10	0.48	6.50E-01	5.60E-01
6	rs3101017	31733466	G	0.09	1.36	2.18E-01	2.13E-01
6	rs707928	31742590	C	0.30	0.09	8.99E-01	8.88E-01
6	rs707927	31745518	C	0.04	-1.61	3.20E-01	2.86E-01
6	rs35756329	31753423	C	0.02	-2.47	2.46E-01	2.16E-01
6	rs480092	31764899	G	0.14	0.55	5.32E-01	4.63E-01
6	rs17207552	31765056	C	0.02	0.40	8.67E-01	8.46E-01
6	rs17201171	31773975	C	0.02	-2.16	3.81E-01	3.62E-01
6	rs34636308	31777687	A	0.02	-2.16	3.81E-01	3.62E-01
6	rs2075800	31777946	A	0.36	0.37	5.78E-01	5.98E-01
6	rs2227956	31778272	C	0.15	0.75	3.97E-01	4.00E-01
6	rs34378923	31782855	C	0.01	5.29	1.18E-01	1.02E-01
6	rs9469058	31788050	A	0.03	-1.02	5.61E-01	5.11E-01
6	rs2763979	31794592	T	0.32	-0.08	9.09E-01	9.27E-01
6	rs2471980	31800868	G	0.29	0.12	8.68E-01	8.26E-01
6	rs4711279	31802465	G	0.10	0.44	6.73E-01	5.96E-01
6	rs9368699	31802541	C	0.04	-0.59	7.21E-01	7.04E-01
6	rs17201248	31803130	T	0.03	-0.96	6.26E-01	6.33E-01
6	rs17207629	31804610	A	0.06	-3.60	6.17E-03	7.57E-03
6	rs11968400	31804729	T	0.08	-1.99	9.51E-02	8.47E-02
6	rs733539	31807489	A	0.10	0.54	6.06E-01	5.30E-01
6	rs3115673	31810085	A	0.12	0.58	5.44E-01	4.82E-01
6	rs12210887	31815723	T	0.07	-2.02	1.10E-01	1.02E-01
6	rs9501157	31819123	A	0.02	-0.91	6.61E-01	6.30E-01
6	rs13191375	31819164	A	0.05	-1.98	1.76E-01	1.73E-01
6	rs4947331	31821041	T	0.09	0.64	5.69E-01	4.98E-01
6	rs9267649	31824828	A	0.15	0.49	5.82E-01	5.88E-01
6	rs13118	31827286	A	0.05	-2.16	1.51E-01	1.51E-01
6	rs11966200	31837066	T	0.04	-1.53	3.54E-01	3.81E-01

6	rs660550	31837277	C	0.37	0.86	1.92E-01	1.73E-01
6	rs577272	31837963	G	0.37	0.86	1.92E-01	1.73E-01
6	rs644827	31838441	T	0.37	0.91	1.67E-01	1.46E-01
6	rs494620	31838713	A	0.46	0.19	7.70E-01	8.07E-01
6	rs2242665	31839309	G	0.37	0.86	1.92E-01	1.73E-01
6	rs614549	31840625	C	0.40	0.49	4.56E-01	4.98E-01
6	rs2736428	31843924	A	0.37	0.63	3.33E-01	3.57E-01
6	rs9267658	31845985	T	0.11	0.83	4.08E-01	4.17E-01
6	rs9267659	31846234	A	0.17	0.51	5.48E-01	5.21E-01
6	rs652888	31851234	C	0.18	0.28	7.32E-01	7.25E-01
6	rs7743807	31854543	T	0.04	0.70	6.58E-01	6.94E-01
6	rs35875104	31856294	C	0.04	-1.78	2.56E-01	2.58E-01
6	rs9501159	31860118	A	0.01	-0.09	9.74E-01	9.97E-01
6	rs9267661	31860576	T	0.01	0.47	8.60E-01	8.37E-01
6	rs659445	31864304	C	0.27	0.50	4.83E-01	4.80E-01
6	rs2844456	31864674	G	0.08	-0.62	6.00E-01	5.15E-01
6	rs9469069	31866418	G	0.03	-1.55	4.28E-01	3.89E-01
6	rs9267663	31867253	T	0.03	0.48	8.07E-01	8.46E-01
6	rs558702	31870326	T	0.08	1.02	3.63E-01	3.60E-01
6	rs9267665	31870856	T	0.03	-0.10	9.59E-01	9.25E-01
6	rs6939227	31870873	A	0.04	0.66	6.77E-01	7.13E-01
6	rs2763982	31872551	C	0.40	0.08	8.96E-01	9.27E-01
6	rs519417	31878433	A	0.08	0.95	3.97E-01	3.98E-01
6	rs3128761	31879158	A	0.11	1.00	3.18E-01	3.16E-01
6	rs28435656	31880637	A	0.13	1.00	2.80E-01	2.51E-01
6	rs17201403	31888062	A	0.02	0.27	9.08E-01	8.93E-01
6	rs3130683	31888367	C	0.11	1.08	2.82E-01	2.74E-01
6	rs497309	31892484	G	0.08	0.94	4.07E-01	4.07E-01
6	rs2734335	31893944	C	0.45	0.11	8.71E-01	7.51E-01
6	rs9332702	31894818	G	0.02	-2.32	3.03E-01	2.51E-01
6	rs9332704	31895619	T	0.02	-0.08	9.73E-01	9.95E-01
6	rs1042663	31905130	A	0.11	-1.65	1.01E-01	1.31E-01
6	rs550605	31907147	C	0.11	-1.65	1.01E-01	1.31E-01
6	rs638383	31908224	A	0.04	0.65	6.83E-01	7.17E-01

6	rs497239	31908761	C	0.11	-1.65	1.01E-01	1.31E-01
6	rs547154	31910938	A	0.11	-1.72	8.79E-02	1.14E-01
6	rs9332730	31912009	C	0.03	0.95	6.01E-01	6.14E-01
6	rs512559	31916062	C	0.04	0.65	6.83E-01	7.17E-01
6	rs537160	31916400	T	0.27	0.32	6.48E-01	6.29E-01
6	rs541862	31916951	G	0.11	-1.72	8.79E-02	1.14E-01
6	rs4151657	31917540	C	0.39	0.68	2.95E-01	3.31E-01
6	rs1270942	31918860	C	0.08	0.94	4.07E-01	4.07E-01
6	rs2072633	31919578	T	0.40	-0.55	3.89E-01	4.33E-01
6	rs4151672	31919830	T	0.05	1.22	3.98E-01	3.83E-01
6	rs4151664	31920873	T	0.05	0.42	7.68E-01	7.72E-01
6	rs630379	31922254	T	0.22	1.02	1.79E-01	1.56E-01
6	rs34555781	31925697	C	0.04	-1.67	3.35E-01	2.95E-01
6	rs17201466	31926600	T	0.03	3.25	1.14E-01	1.14E-01
6	rs438999	31928306	C	0.11	-1.63	1.02E-01	1.33E-01
6	rs437179	31929014	T	0.22	1.20	1.11E-01	9.77E-02
6	rs592229	31930441	G	0.41	0.15	8.19E-01	7.27E-01
6	rs429608	31930462	A	0.18	-0.93	2.53E-01	2.91E-01
6	rs406936	31933161	T	0.15	-1.44	1.06E-01	1.24E-01
6	rs492899	31933518	G	0.07	-0.26	8.32E-01	8.41E-01
6	rs454212	31934372	A	0.15	-1.45	1.05E-01	1.22E-01
6	rs453821	31935311	A	0.15	-1.42	1.10E-01	1.28E-01
6	rs13217120	31935928	C	0.03	-1.27	4.70E-01	4.25E-01
6	rs416002	31938635	G	0.04	0.81	6.11E-01	6.55E-01
6	rs389884	31940897	C	0.08	0.92	4.22E-01	4.23E-01
6	rs387608	31941557	T	0.15	-1.42	1.10E-01	1.28E-01
6	rs6941112	31946614	A	0.35	-0.26	6.87E-01	6.36E-01
6	rs386480	31946837	G	0.22	1.12	1.42E-01	1.26E-01
6	rs389883	31947460	C	0.22	1.12	1.42E-01	1.26E-01
6	rs389512	31947594	G	0.15	-1.42	1.11E-01	1.29E-01
6	rs6455	32006896	C	0.01	4.71	1.14E-01	1.07E-01
6	rs34214527	32014456	T	0.10	-0.99	3.46E-01	3.26E-01
6	rs2856448	32014575	T	0.41	1.17	6.99E-02	6.47E-02
6	rs12333245	32019769	A	0.11	-2.60	9.00E-03	1.26E-02

6	rs34562262	32020961	C	0.08	-0.53	6.53E-01	5.65E-01
6	rs11969759	32021130	T	0.05	0.08	9.58E-01	9.23E-01
6	rs12198173	32026808	A	0.10	-1.13	2.80E-01	2.57E-01
6	rs2269429	32029183	A	0.11	-2.69	7.49E-03	1.05E-02
6	rs2239689	32030284	T	0.37	0.42	5.26E-01	5.77E-01
6	rs7766862	32033007	A	0.37	0.44	5.07E-01	5.57E-01
6	rs17207923	32036788	T	0.02	-3.26	1.86E-01	1.77E-01
6	rs1150755	32038550	A	0.13	1.16	2.17E-01	2.16E-01
6	rs2071295	32038700	A	0.37	0.45	4.92E-01	5.41E-01
6	rs204878	32045226	T	0.05	0.40	7.85E-01	8.30E-01
6	rs7774197	32046275	C	0.05	0.33	8.26E-01	7.94E-01
6	rs17201560	32047268	C	0.05	1.14	4.56E-01	4.57E-01
6	rs185819	32050067	T	0.42	1.15	7.53E-02	6.80E-02
6	rs1150754	32050758	A	0.13	1.12	2.34E-01	2.34E-01
6	rs34878747	32052898	T	0.05	-0.96	5.37E-01	5.12E-01
6	rs169496	32052983	A	0.11	-2.55	1.08E-02	1.50E-02
6	rs204899	32057627	A	0.11	-2.43	1.53E-02	2.12E-02
6	rs17201595	32058425	C	0.02	-3.43	1.11E-01	9.59E-02
6	rs1150753	32059867	C	0.08	1.01	3.77E-01	3.77E-01
6	rs2071293	32062687	T	0.35	0.47	4.79E-01	5.30E-01
6	rs13199524	32066765	T	0.10	-1.09	2.96E-01	2.73E-01
6	rs3096695	32069806	G	0.10	1.05	3.06E-01	2.96E-01
6	rs1269854	32070838	G	0.05	0.26	8.61E-01	9.11E-01
6	rs3134954	32071893	G	0.11	1.37	1.71E-01	1.67E-01
6	rs393544	32074518	C	0.04	-0.10	9.47E-01	8.85E-01
6	rs12153855	32074804	C	0.12	-1.52	1.20E-01	1.07E-01
6	rs2269426	32076499	T	0.44	-0.93	1.47E-01	1.22E-01
6	rs17207986	32079567	C	0.05	-0.36	7.99E-01	8.69E-01
6	rs3130342	32080146	T	0.11	1.45	1.51E-01	1.49E-01
6	rs9469084	32080383	T	0.10	-3.12	3.94E-03	6.05E-03
6	rs8111	32083175	A	0.32	-0.34	6.19E-01	5.84E-01
6	rs8283	32083300	C	0.22	-2.42	1.43E-03	1.76E-03
6	rs28732175	32085278	T	0.04	-0.05	9.78E-01	9.61E-01
6	rs2228628	32088854	G	0.33	-0.31	6.47E-01	6.12E-01

6	rs35580488	32097421	C	0.03	-7.14	2.44E-04	3.97E-04
6	rs9267803	32101762	T	0.32	-0.46	4.98E-01	4.62E-01
6	rs13211318	32102680	C	0.12	-1.52	1.20E-01	1.07E-01
6	rs4713505	32105001	T	0.33	-0.31	6.40E-01	6.04E-01
6	rs388629	32105512	T	0.05	-0.74	6.08E-01	5.42E-01
6	rs204999	32109979	G	0.26	-0.49	4.90E-01	4.38E-01
6	rs9296009	32114515	T	0.23	1.73	1.87E-02	2.13E-02
6	rs28732178	32115222	A	0.05	0.07	9.63E-01	9.73E-01
6	rs1053924	32120715	A	0.26	1.99	5.86E-03	5.85E-03
6	rs9267810	32121594	C	0.26	-0.10	8.94E-01	9.52E-01
6	rs505997	32121932	A	0.04	0.12	9.38E-01	9.99E-01
6	rs2269425	32123639	T	0.13	2.49	8.21E-03	7.21E-03
6	rs3134603	32126002	T	0.10	1.55	1.21E-01	1.23E-01
6	rs34129552	32130329	G	0.02	0.69	7.31E-01	7.68E-01
6	rs2269424	32132233	T	0.25	-0.11	8.79E-01	9.38E-01
6	rs3096697	32134510	T	0.20	-0.24	7.59E-01	7.44E-01
6	rs3130347	32134656	C	0.20	-0.22	7.87E-01	7.74E-01
6	rs205000	32135878	G	0.01	2.24	4.75E-01	4.29E-01
6	rs11553430	32136771	A	0.03	-0.04	9.85E-01	9.73E-01
6	rs3130283	32138545	A	0.11	1.68	9.38E-02	9.33E-02
6	rs34280838	32139565	C	0.02	1.33	5.37E-01	5.93E-01
6	rs3130284	32140487	C	0.20	-0.22	7.79E-01	7.64E-01
6	rs408359	32141883	T	0.09	-3.31	3.90E-03	5.01E-03
6	rs3134947	32145205	A	0.20	-0.22	7.79E-01	7.64E-01
6	rs2269423	32145707	T	0.34	1.59	1.73E-02	1.66E-02
6	rs3134945	32146492	T	0.20	-0.22	7.79E-01	7.64E-01
6	rs3130349	32147696	A	0.16	0.60	4.92E-01	4.69E-01
6	rs3134943	32147761	A	0.11	1.01	3.06E-01	2.94E-01
6	rs3134940	32149816	G	0.16	0.60	4.92E-01	4.69E-01
6	rs1035798	32151222	T	0.25	-0.34	6.37E-01	6.71E-01
6	rs2070600	32151443	A	0.08	-0.64	5.80E-01	5.18E-01
6	rs1800624	32152387	A	0.25	-0.44	5.44E-01	5.55E-01
6	rs204995	32154285	C	0.22	-0.03	9.71E-01	9.48E-01
6	rs204994	32154998	A	0.21	0.46	5.51E-01	5.53E-01

6	rs204993	32155581	C	0.29	0.17	8.07E-01	8.65E-01
6	rs2856437	32157364	T	0.08	-0.43	7.08E-01	6.12E-01
6	rs176095	32158319	C	0.21	0.42	5.94E-01	5.93E-01
6	rs12663103	32161324	C	0.06	-1.18	3.58E-01	3.19E-01
6	rs204991	32161366	G	0.18	-0.33	6.84E-01	6.74E-01
6	rs204990	32161430	T	0.18	-0.32	7.00E-01	6.85E-01
6	rs8192583	32163274	T	0.05	-0.11	9.43E-01	9.30E-01
6	rs8192576	32165300	C	0.02	-4.17	5.63E-02	4.54E-02
6	rs2114437	32166380	C	0.05	-0.11	9.43E-01	9.30E-01
6	rs8192575	32166384	C	0.09	-0.45	6.86E-01	5.75E-01
6	rs3134942	32168771	A	0.11	0.54	5.92E-01	5.59E-01
6	rs204987	32168932	A	0.03	0.02	9.91E-01	9.36E-01
6	rs28986321	32170980	A	0.02	2.51	2.27E-01	1.45E-01
6	rs2071277	32171683	G	0.48	-0.72	2.51E-01	2.34E-01
6	rs3131296	32172993	A	0.11	0.50	6.15E-01	5.82E-01
6	rs3130292	32176208	C	0.20	-0.59	4.57E-01	4.34E-01
6	rs206017	32176211	G	0.37	0.95	1.47E-01	1.13E-01
6	rs9267833	32177900	C	0.26	-0.31	6.69E-01	6.66E-01
6	rs2071286	32179896	A	0.21	0.01	9.91E-01	9.57E-01
6	rs206019	32180241	T	0.14	-0.26	7.75E-01	6.63E-01
6	rs206015	32182759	T	0.14	-0.39	6.72E-01	5.74E-01
6	rs404860	32184345	C	0.20	-0.72	3.74E-01	2.95E-01
6	rs3134798	32184705	C	0.22	2.71	3.91E-04	3.07E-04
6	rs2854050	32185605	T	0.09	-0.69	5.34E-01	4.39E-01
6	rs8192591	32185796	A	0.04	0.36	8.35E-01	8.21E-01
6	rs436388	32186264	T	0.37	0.58	3.69E-01	3.12E-01
6	rs2256594	32186872	C	0.20	-0.74	3.58E-01	2.79E-01
6	rs394657	32187023	G	0.43	-0.13	8.41E-01	8.52E-01
6	rs1109771	32187605	A	0.44	0.37	5.59E-01	4.93E-01
6	rs422951	32188383	G	0.42	-0.11	8.59E-01	8.43E-01
6	rs8192585	32188823	T	0.05	0.40	7.90E-01	8.24E-01
6	rs415929	32189032	G	0.31	-0.36	5.92E-01	5.52E-01
6	rs8192584	32189192	T	0.05	-6.43	6.31E-06	1.22E-05
6	rs3132946	32190028	A	0.10	1.76	8.82E-02	8.44E-02

6	rs443198	32190406	C	0.40	-1.19	6.25E-02	4.10E-02
6	rs3134931	32190620	G	0.32	-0.11	8.79E-01	8.52E-01
6	rs434841	32191041	A	0.27	0.06	9.33E-01	9.70E-01
6	rs3830041	32191339	A	0.11	-0.89	3.80E-01	3.56E-01
6	rs375244	32191457	A	0.23	-0.79	2.90E-01	2.23E-01
6	rs8192565	32191607	A	0.07	-0.05	9.71E-01	9.26E-01
6	rs2267644	32192560	A	0.04	1.32	4.09E-01	4.46E-01
6	rs479536	32193678	T	0.07	-1.70	1.62E-01	1.22E-01
6	rs9267845	32193698	T	0.39	-0.78	2.16E-01	1.63E-01
6	rs499691	32194339	T	0.23	-0.69	3.60E-01	3.33E-01
6	rs3096691	32194854	A	0.39	-0.78	2.16E-01	1.63E-01
6	rs483574	32194956	T	0.16	-0.63	4.83E-01	3.95E-01
6	rs482759	32195017	C	0.16	-0.63	4.83E-01	3.95E-01
6	rs532385	32195359	T	0.19	-1.17	1.30E-01	1.07E-01
6	rs9378123	32196864	G	0.15	-0.23	7.92E-01	7.41E-01
6	rs1426713	32198049	A	0.08	1.08	3.65E-01	3.87E-01
6	rs404890	32198867	T	0.36	-0.01	9.86E-01	9.85E-01
6	rs2849015	32198936	A	0.36	0.02	9.74E-01	9.74E-01
6	rs377763	32199144	T	0.17	0.68	4.11E-01	3.91E-01
6	rs9267873	32199352	C	0.42	0.15	8.05E-01	7.68E-01
6	rs6936346	32200754	T	0.30	-0.31	6.61E-01	6.30E-01
6	rs12182351	32201707	C	0.24	-0.52	4.93E-01	4.61E-01
6	rs9501398	32202597	T	0.08	0.78	5.11E-01	5.41E-01
6	rs3130299	32203537	G	0.24	-0.47	5.33E-01	5.01E-01
6	rs693797	32204433	G	0.39	-0.04	9.50E-01	9.50E-01
6	rs549182	32205045	A	0.02	3.38	1.74E-01	1.74E-01
6	rs9267911	32205110	C	0.42	0.07	9.08E-01	9.08E-01
6	rs6906128	32206304	C	0.28	-0.44	5.38E-01	5.23E-01
6	rs511027	32206687	A	0.13	-1.70	6.73E-02	5.19E-02
6	rs3130304	32207181	A	0.20	1.57	4.16E-02	2.75E-02
6	rs17208216	32208449	G	0.02	-2.71	2.67E-01	2.40E-01
6	rs382259	32209027	G	0.27	0.38	5.87E-01	5.22E-01
6	rs507778	32209861	A	0.33	1.06	1.11E-01	6.92E-02
6	rs377743	32211065	T	0.25	0.68	3.35E-01	2.68E-01

6	rs412657	32211085	C	0.39	0.44	4.89E-01	4.28E-01
6	rs9267947	32211218	G	0.43	-1.66	8.56E-03	8.32E-03
6	rs411326	32211317	A	0.25	-0.92	2.08E-01	1.70E-01
6	rs17576984	32212985	T	0.10	-1.96	6.49E-02	7.23E-02
6	rs9267956	32213638	G	0.45	0.60	3.36E-01	3.26E-01
6	rs405875	32215188	G	0.49	1.03	9.79E-02	9.05E-02
6	rs3115573	32218843	C	0.49	0.99	1.13E-01	1.05E-01
6	rs9296015	32218989	A	0.16	-0.86	3.18E-01	2.78E-01
6	rs4959089	32219725	G	0.16	-0.85	3.24E-01	2.83E-01
6	rs9267992	32220397	G	0.10	2.77	7.11E-03	7.16E-03
6	rs3130315	32220685	A	0.49	0.99	1.13E-01	1.05E-01
6	rs3115570	32222706	C	0.49	1.02	1.04E-01	9.61E-02
6	rs3130320	32223258	T	0.31	-0.41	5.50E-01	5.88E-01
6	rs28895018	32224378	C	0.10	-4.63	1.92E-05	2.66E-05
6	rs9268005	32224388	C	0.26	0.69	3.30E-01	3.72E-01
6	rs9268013	32224828	C	0.21	-2.22	4.63E-03	5.71E-03
6	rs3132971	32230256	G	0.07	1.33	2.73E-01	2.57E-01
6	rs9268055	32230608	C	0.22	-2.08	6.35E-03	7.86E-03
6	rs2395114	32233547	G	0.47	0.41	5.11E-01	5.11E-01
6	rs3096681	32235177	C	0.22	-2.08	6.35E-03	7.86E-03
6	rs17201917	32235757	G	0.13	-0.53	5.77E-01	5.19E-01
6	rs6457527	32236976	T	0.04	2.85	7.61E-02	7.30E-02
6	rs3096674	32238219	A	0.21	-2.22	4.63E-03	5.71E-03
6	rs3115557	32239651	A	0.21	-2.22	4.63E-03	5.71E-03
6	rs3130340	32244627	C	0.22	-2.08	6.35E-03	7.86E-03
6	rs9268103	32245370	A	0.13	1.85	4.44E-02	4.60E-02
6	rs3115553	32245827	A	0.22	-2.08	6.35E-03	7.86E-03
6	rs3115552	32246156	A	0.22	-2.08	6.35E-03	7.86E-03
6	rs9268125	32252678	C	0.21	-2.15	5.98E-03	7.29E-03
6	rs9268131	32254452	G	0.21	-2.22	4.63E-03	5.71E-03
6	rs9268132	32254654	G	0.47	0.41	5.11E-01	5.11E-01
6	rs9268135	32255230	G	0.21	-2.22	4.63E-03	5.71E-03
6	rs4711291	32256260	G	0.22	-2.09	6.16E-03	7.68E-03
6	rs926070	32257566	C	0.26	0.75	2.86E-01	3.21E-01

6	rs742695	32258574	T	0.01	0.28	9.17E-01	8.98E-01
6	rs17422727	32259923	G	0.13	-0.60	5.25E-01	4.70E-01
6	rs6935269	32260350	C	0.22	-2.08	6.35E-03	7.86E-03
6	rs7775397	32261252	G	0.07	1.32	2.75E-01	2.59E-01
6	rs34498363	32261630	A	0.02	-2.50	3.32E-01	3.04E-01
6	rs4947338	32261653	C	0.01	0.28	9.17E-01	8.98E-01
6	rs11970194	32264645	T	0.01	0.28	9.17E-01	8.98E-01
6	rs11963003	32264825	G	0.01	0.28	9.17E-01	8.98E-01
6	rs17422797	32265528	T	0.04	2.01	2.12E-01	2.11E-01
6	rs28366174	32266490	C	0.08	-2.24	5.32E-02	3.67E-02
6	rs6906662	32266506	A	0.10	-4.62	2.10E-05	2.89E-05
6	rs7750783	32268080	T	0.21	-2.04	8.12E-03	9.91E-03
6	rs537757	32268501	A	0.47	0.41	5.11E-01	5.12E-01
6	rs6909427	32268701	G	0.22	-2.08	6.35E-03	7.86E-03
6	rs28366175	32269578	C	0.07	-1.46	2.37E-01	1.83E-01
6	rs3864300	32271807	T	0.21	-2.10	7.13E-03	8.83E-03
6	rs6457536	32273765	G	0.21	-2.10	7.13E-03	8.83E-03
6	rs9268192	32277211	T	0.21	-2.06	8.39E-03	1.02E-02
6	rs9268200	32278670	T	0.21	-2.10	7.13E-03	8.83E-03
6	rs9268202	32279340	T	0.21	-2.32	3.10E-03	3.84E-03
6	rs9501173	32279902	A	0.04	-1.45	3.47E-01	3.39E-01
6	rs1018433	32281510	A	0.21	-2.16	5.56E-03	6.91E-03
6	rs547261	32282033	T	0.48	0.45	4.65E-01	4.62E-01
6	rs6910071	32282854	G	0.26	0.63	3.73E-01	4.00E-01
6	rs6915455	32283494	A	0.21	-2.16	5.56E-03	6.91E-03
6	rs9268219	32284108	G	0.06	0.99	4.37E-01	3.95E-01
6	rs9268220	32284340	T	0.17	-2.30	7.43E-03	9.36E-03
6	rs498422	32286761	C	0.05	1.74	2.18E-01	2.07E-01
6	rs547077	32289318	C	0.48	0.53	3.97E-01	3.96E-01
6	rs570963	32289594	C	0.09	0.30	7.77E-01	7.68E-01
6	rs9268235	32290208	T	0.07	1.17	3.33E-01	3.15E-01
6	rs4279480	32290927	G	0.26	0.74	2.97E-01	3.32E-01
6	rs485774	32290954	C	0.48	0.39	5.33E-01	5.28E-01
6	rs742697	32291542	C	0.26	0.74	2.97E-01	3.32E-01

6	rs525607	32292084	A	0.48	0.53	3.97E-01	3.96E-01
6	rs552339	32292715	T	0.47	0.46	4.56E-01	4.57E-01
6	rs533885	32293152	C	0.47	0.34	5.86E-01	5.88E-01
6	rs476885	32294712	C	0.47	0.47	4.51E-01	4.54E-01
6	rs9368713	32297337	C	0.47	0.44	4.77E-01	4.79E-01
6	rs10484560	32298137	A	0.06	0.58	6.56E-01	6.17E-01
6	rs9405090	32298372	G	0.48	0.48	4.45E-01	4.45E-01
6	rs1003878	32299822	T	0.21	-1.29	1.01E-01	1.21E-01
6	rs1076712	32300152	G	0.32	-1.13	9.46E-02	1.16E-01
6	rs9366793	32301289	C	0.48	0.50	4.17E-01	4.17E-01
6	rs16870056	32301630	A	0.01	-4.05	3.12E-01	2.85E-01
6	rs10807100	32303068	A	0.48	0.48	4.45E-01	4.45E-01
6	rs6930681	32304031	A	0.48	0.48	4.45E-01	4.45E-01
6	rs12526151	32304085	G	0.06	0.58	6.56E-01	6.17E-01
6	rs926594	32305370	C	0.48	0.48	4.45E-01	4.45E-01
6	rs3817982	32306262	G	0.48	0.48	4.45E-01	4.45E-01
6	rs28732193	32306922	C	0.04	-0.13	9.40E-01	9.33E-01
6	rs2022533	32307260	C	0.48	0.54	3.87E-01	3.85E-01
6	rs1033498	32307869	G	0.48	0.48	4.45E-01	4.45E-01
6	rs9469099	32308908	A	0.02	-0.62	7.69E-01	8.12E-01
6	rs3117137	32309911	A	0.21	-1.29	1.01E-01	1.21E-01
6	rs3132954	32311459	T	0.38	-1.46	2.35E-02	2.97E-02
6	rs6904320	32312082	A	0.20	0.75	3.35E-01	3.91E-01
6	rs3117134	32313550	G	0.32	-1.10	1.02E-01	1.25E-01
6	rs3117133	32313653	C	0.20	0.75	3.35E-01	3.91E-01
6	rs910049	32315727	A	0.20	0.75	3.32E-01	3.89E-01
6	rs3117120	32316804	G	0.32	-1.14	9.26E-02	1.14E-01
6	rs2076537	32317635	T	0.32	-1.13	9.46E-02	1.16E-01
6	rs761187	32318036	C	0.47	0.67	2.84E-01	2.83E-01
6	rs1265763	32319364	A	0.16	0.48	5.74E-01	5.44E-01
6	rs2395148	32321554	T	0.02	-0.64	7.63E-01	8.05E-01
6	rs1265761	32321597	C	0.04	2.63	9.64E-02	9.03E-02
6	rs1265760	32321872	A	0.35	0.75	2.48E-01	2.74E-01
6	rs1265759	32322393	G	0.35	0.75	2.45E-01	2.70E-01

6	rs1265758	32323529	T	0.34	0.85	1.93E-01	2.14E-01
6	rs3129907	32323745	G	0.20	0.82	2.91E-01	3.46E-01
6	rs6907322	32324945	A	0.15	0.61	4.88E-01	4.61E-01
6	rs2894249	32325835	C	0.20	0.67	3.90E-01	4.54E-01
6	rs2395150	32326045	G	0.34	0.81	2.12E-01	2.36E-01
6	rs9268303	32326165	A	0.15	0.61	4.88E-01	4.61E-01
6	rs9268326	32330153	C	0.48	0.48	4.45E-01	4.45E-01
6	rs9268347	32331998	A	0.16	0.48	5.74E-01	5.44E-01
6	rs3129922	32333098	C	0.35	0.75	2.48E-01	2.74E-01
6	rs9268364	32333425	T	0.16	0.48	5.74E-01	5.44E-01
6	rs9268365	32333439	T	0.16	0.59	4.89E-01	4.69E-01
6	rs9268368	32333955	C	0.48	0.48	4.45E-01	4.45E-01
6	rs7770048	32334754	T	0.11	-0.28	7.85E-01	8.09E-01
6	rs2073048	32335433	T	0.11	-0.28	7.85E-01	8.09E-01
6	rs3129934	32336187	T	0.12	1.89	4.15E-02	4.44E-02
6	rs9268384	32336586	G	0.48	0.48	4.45E-01	4.45E-01
6	rs3129939	32336766	G	0.17	-2.20	9.90E-03	1.25E-02
6	rs3129941	32337686	A	0.20	0.69	3.78E-01	4.42E-01
6	rs3129943	32338695	G	0.23	-1.17	1.23E-01	1.52E-01
6	rs2050190	32339076	C	0.31	-1.08	1.17E-01	1.66E-01
6	rs2050189	32339647	G	0.20	-0.23	7.66E-01	8.05E-01
6	rs9391858	32341398	G	0.11	1.99	4.66E-02	4.11E-02
6	rs7758128	32345283	A	0.06	-7.65	5.98E-09	9.94E-09
6	rs2894252	32345443	A	0.37	-0.08	8.98E-01	7.86E-01
6	rs2894253	32345540	G	0.08	1.90	1.04E-01	1.02E-01
6	rs2395153	32345595	G	0.44	0.50	4.40E-01	5.22E-01
6	rs2894254	32345689	G	0.07	1.48	2.25E-01	2.08E-01
6	rs9405094	32346408	A	0.37	-0.05	9.41E-01	8.28E-01
6	rs2395157	32348145	G	0.36	-0.01	9.88E-01	8.82E-01
6	rs9268454	32349711	G	0.37	-0.08	8.98E-01	7.86E-01
6	rs9268456	32349946	A	0.37	-0.08	8.98E-01	7.86E-01
6	rs28732201	32350454	A	0.04	-0.45	7.88E-01	7.80E-01
6	rs9268460	32351283	T	0.49	1.15	7.16E-02	5.37E-02
6	rs9268461	32351901	A	0.37	-0.08	8.98E-01	7.86E-01

6	rs4424066	32354428	A	0.49	1.15	7.16E-02	5.37E-02
6	rs9268472	32355605	G	0.49	1.15	7.16E-02	5.37E-02
6	rs17423649	32357133	T	0.14	-2.50	6.34E-03	7.57E-03
6	rs17202259	32357489	G	0.14	-2.47	6.99E-03	8.35E-03
6	rs12529049	32357715	T	0.14	-2.50	6.34E-03	7.57E-03
6	rs3117099	32358270	T	0.19	-0.78	3.36E-01	3.17E-01
6	rs3117098	32358513	C	0.24	2.40	1.03E-03	5.62E-04
6	rs16870123	32359460	A	0.14	-2.52	5.65E-03	6.75E-03
6	rs3817973	32361111	G	0.49	1.15	7.16E-02	5.37E-02
6	rs12661254	32362173	G	0.02	-0.27	9.04E-01	9.71E-01
6	rs1980493	32363215	G	0.13	-0.21	8.22E-01	8.45E-01
6	rs2076530	32363816	A	0.47	1.36	3.28E-02	2.22E-02
6	rs28366191	32364190	G	0.07	-1.42	2.44E-01	1.91E-01
6	rs3129955	32365840	T	0.24	2.41	9.75E-04	5.35E-04
6	rs4248166	32366421	C	0.17	-2.40	4.77E-03	5.84E-03
6	rs3117116	32367017	C	0.10	3.44	8.32E-04	9.08E-04
6	rs2294884	32367259	C	0.17	-2.43	3.90E-03	4.74E-03
6	rs3817963	32368087	G	0.37	0.07	9.17E-01	9.54E-01
6	rs3763305	32369488	A	0.06	3.23	1.34E-02	1.35E-02
6	rs2076524	32370684	C	0.37	-0.08	8.98E-01	7.86E-01
6	rs28362680	32370816	T	0.11	-4.86	1.48E-06	1.72E-06
6	rs2076522	32371179	G	0.37	-0.08	8.98E-01	7.86E-01
6	rs3793127	32371915	T	0.29	0.35	6.06E-01	6.57E-01
6	rs28362683	32372963	T	0.11	-5.49	1.09E-07	1.49E-07
6	rs10947262	32373312	T	0.11	-4.86	1.48E-06	1.72E-06
6	rs3806156	32373698	T	0.48	-1.89	2.24E-03	1.40E-03
6	rs9268491	32374131	G	0.37	-0.07	9.13E-01	7.98E-01
6	rs3763309	32375973	A	0.29	0.35	6.06E-01	6.57E-01
6	rs3763312	32376348	A	0.29	0.39	5.65E-01	6.12E-01
6	rs3763313	32376471	C	0.15	-0.16	8.55E-01	8.38E-01
6	rs5007265	32378866	T	0.44	0.11	8.68E-01	7.17E-01
6	rs3129962	32379383	A	0.07	1.19	3.43E-01	3.29E-01
6	rs17208888	32379506	A	0.09	1.65	1.28E-01	8.29E-02
6	rs9405098	32379736	A	0.02	4.64	5.19E-02	5.27E-02

6	rs3129963	32380208	G	0.20	-2.92	3.30E-04	4.42E-04
6	rs6932542	32380262	A	0.44	0.11	8.68E-01	7.17E-01
6	rs9268528	32383108	G	0.43	0.74	2.35E-01	2.23E-01
6	rs9268530	32383223	C	0.19	-2.76	8.32E-04	1.08E-03
6	rs2227138	32384500	A	0.12	-0.07	9.39E-01	9.45E-01
6	rs9268542	32384721	G	0.43	0.69	2.65E-01	2.56E-01
6	rs2187820	32385873	A	0.19	-2.76	8.32E-04	1.08E-03
6	rs2395162	32387780	T	0.19	-2.76	8.32E-04	1.08E-03
6	rs2395163	32387809	C	0.29	-0.07	9.12E-01	8.36E-01
6	rs3135366	32388709	G	0.19	-2.76	8.32E-04	1.08E-03
6	rs3135363	32389648	C	0.28	-1.30	6.60E-02	8.68E-02
6	rs34330585	32390703	C	0.08	2.40	4.10E-02	3.83E-02
6	rs3135353	32392877	A	0.12	-0.09	9.28E-01	9.24E-01
6	rs3135350	32392981	G	0.09	3.12	2.88E-03	2.84E-03
6	rs3129971	32393235	G	0.09	3.12	2.88E-03	2.84E-03
6	rs3135344	32395036	G	0.22	2.31	1.99E-03	1.89E-03
6	rs3129843	32395726	G	0.07	1.91	1.19E-01	1.10E-01
6	rs3135342	32396615	A	0.28	-1.31	6.27E-02	7.06E-02
6	rs9268585	32397403	G	0.44	0.82	1.88E-01	1.72E-01
6	rs9268589	32398202	A	0.44	0.76	2.23E-01	2.07E-01
6	rs4988821	32399022	G	0.28	-1.31	6.27E-02	7.06E-02
6	rs16870148	32399636	A	0.01	0.24	9.29E-01	8.89E-01
6	rs9501626	32400344	A	0.11	-1.70	8.76E-02	7.24E-02
6	rs3129860	32401079	A	0.10	3.34	1.08E-03	1.21E-03
6	rs3135338	32401217	G	0.29	0.33	6.37E-01	7.08E-01
6	rs7356880	32401327	T	0.05	-0.96	5.14E-01	4.92E-01
6	rs2027856	32402705	T	0.11	-1.70	8.76E-02	7.24E-02
6	rs9268615	32402889	A	0.44	0.84	1.78E-01	1.65E-01
6	rs2395173	32404859	A	0.29	0.33	6.37E-01	7.08E-01
6	rs2395174	32404878	G	0.28	-1.31	6.27E-02	7.06E-02
6	rs2395175	32405026	A	0.23	0.19	8.01E-01	8.57E-01
6	rs3129871	32406342	A	0.35	-1.34	3.83E-02	3.50E-02
6	rs9268644	32408044	A	0.37	-0.04	9.49E-01	9.84E-01
6	rs3135393	32408842	C	0.20	-2.82	4.05E-04	4.73E-04

6	rs3129882	32409530	G	0.36	1.61	1.27E-02	8.05E-03
6	rs9268658	32410716	G	0.48	-0.34	5.90E-01	6.16E-01
6	rs2239804	32411523	A	0.48	-0.34	5.90E-01	6.16E-01
6	rs11544315	32411573	A	0.04	-0.55	7.43E-01	7.34E-01
6	rs7192	32411646	T	0.37	-1.00	1.28E-01	1.36E-01
6	rs2239803	32411833	G	0.47	-0.44	4.84E-01	5.01E-01
6	rs4935356	32412388	A	0.48	-0.35	5.76E-01	5.98E-01
6	rs2395182	32413317	G	0.17	1.54	6.35E-02	6.29E-02
6	rs3129890	32414273	C	0.28	-2.20	2.34E-03	3.27E-03
6	rs6937545	32418031	A	0.31	-0.83	2.20E-01	2.46E-01
6	rs28895095	32418848	A	0.11	1.50	1.37E-01	1.33E-01
6	rs28895103	32419464	A	0.11	1.72	9.30E-02	8.86E-02
6	rs7754768	32420179	C	0.39	-1.03	1.15E-01	1.31E-01
6	rs28895187	32424380	A	0.11	1.51	1.35E-01	1.31E-01
6	rs7763262	32424882	T	0.31	-0.83	2.20E-01	2.46E-01
6	rs13198610	32425672	T	0.11	1.50	1.37E-01	1.33E-01
6	rs28732227	32427361	T	0.05	-0.31	8.37E-01	8.24E-01
6	rs9268832	32427789	T	0.37	-0.78	2.30E-01	2.67E-01
6	rs6903608	32428285	C	0.24	2.91	4.98E-05	1.60E-05
6	rs9268880	32431358	T	0.24	2.85	7.12E-05	2.36E-05
6	rs9268911	32432406	G	0.28	-2.54	3.61E-04	4.04E-04
6	rs2395185	32433167	T	0.42	-0.91	1.45E-01	8.92E-02
6	rs9268977	32434939	C	0.28	-2.54	3.61E-04	4.04E-04
6	rs9268980	32435123	G	0.28	-2.54	3.61E-04	4.04E-04
6	rs9405108	32438648	T	0.42	-0.91	1.45E-01	8.92E-02
6	rs2157338	32439323	A	0.28	-2.54	3.61E-04	4.04E-04
6	rs17209754	32442703	A	0.06	-1.11	4.07E-01	3.93E-01
6	rs7748472	32448763	G	0.06	-1.30	3.37E-01	3.26E-01
6	rs1964995	32449411	G	0.48	-0.20	7.46E-01	5.97E-01
6	rs2157337	32501144	A	0.39	-1.00	1.15E-01	1.57E-01
6	rs28772724	32509357	T	0.42	-0.80	1.89E-01	1.21E-01
6	rs34369284	32514144	A	0.39	-1.02	1.06E-01	1.50E-01
6	rs28530648	32527079	C	0.07	2.10	7.51E-02	7.18E-02
6	rs28366298	32560859	C	0.41	-0.81	1.93E-01	1.25E-01

6	rs35265698	32561334	G	0.24	0.17	8.17E-01	9.56E-01
6	rs11754183	32566156	A	0.03	1.93	2.78E-01	2.53E-01
6	rs28605404	32569687	G	0.07	1.84	1.33E-01	1.31E-01
6	rs477515	32569691	T	0.41	-0.86	1.74E-01	1.10E-01
6	rs2516049	32570400	G	0.41	-0.81	1.98E-01	1.27E-01
6	rs9270856	32570839	A	0.19	2.71	6.15E-04	5.66E-04
6	rs2858870	32572251	G	0.16	-1.69	4.97E-02	3.89E-02
6	rs9270984	32573991	T	0.12	2.85	3.05E-03	2.89E-03
6	rs9271100	32576478	T	0.19	2.70	6.18E-04	5.70E-04
6	rs660895	32577380	G	0.26	0.02	9.72E-01	9.18E-01
6	rs9271170	32577889	T	0.19	2.70	6.18E-04	5.70E-04
6	rs532098	32578052	C	0.40	2.86	5.33E-06	2.03E-06
6	rs35759989	32581096	G	0.06	-1.13	3.97E-01	3.80E-01
6	rs9271300	32581582	G	0.45	0.68	2.77E-01	2.46E-01
6	rs642093	32582075	A	0.18	1.57	4.64E-02	2.91E-02
6	rs13204672	32582796	G	0.17	-1.72	4.17E-02	3.15E-02
6	rs9271348	32583742	G	0.27	0.41	5.63E-01	6.40E-01
6	rs9271366	32586854	G	0.10	3.47	7.94E-04	8.74E-04
6	rs9271488	32589000	T	0.41	-0.81	1.97E-01	1.31E-01
6	rs17533090	32590722	T	0.11	1.38	1.62E-01	1.54E-01
6	rs3129763	32590925	A	0.17	1.82	2.42E-02	1.41E-02
6	rs35399661	32590990	G	0.11	1.38	1.62E-01	1.54E-01
6	rs28421666	32592737	G	0.02	-1.71	4.83E-01	5.03E-01
6	rs34518860	32594103	A	0.17	-3.46	3.77E-05	4.62E-05
6	rs9272105	32599999	A	0.47	-0.41	5.11E-01	6.32E-01
6	rs9272143	32600803	C	0.45	-0.30	6.24E-01	7.51E-01
6	rs17211510	32602430	A	0.27	-1.59	2.32E-02	2.76E-02
6	rs3104369	32602482	A	0.25	-0.70	3.27E-01	3.71E-01
6	rs28383344	32605067	G	0.16	-1.62	6.01E-02	4.75E-02
6	rs2187668	32605884	A	0.08	1.85	1.07E-01	9.53E-02
6	rs9273327	32623223	C	0.08	1.95	8.98E-02	7.97E-02
6	rs9273349	32625869	T	0.39	-0.05	9.35E-01	9.99E-01
6	rs1063355	32627714	A	0.39	-0.05	9.35E-01	9.99E-01
6	rs9274407	32632832	A	0.11	2.92	3.02E-03	2.86E-03

6	rs2647025	32635949	T	0.31	-0.85	2.02E-01	1.56E-01
6	rs9274689	32636930	T	0.46	0.37	5.51E-01	4.68E-01
6	rs17212090	32650809	T	0.29	-0.02	9.73E-01	9.83E-01
6	rs9275141	32651117	T	0.44	0.43	4.87E-01	4.30E-01
6	rs2856695	32651894	T	0.44	0.42	5.00E-01	4.42E-01
6	rs7755224	32652317	G	0.07	2.51	3.55E-02	3.22E-02
6	rs17212420	32652400	T	0.29	-0.03	9.65E-01	9.90E-01
6	rs2856692	32653385	C	0.27	-0.51	4.64E-01	3.71E-01
6	rs9275184	32654714	C	0.12	0.63	5.00E-01	5.63E-01
6	rs2856683	32655218	C	0.27	-0.44	5.41E-01	4.43E-01
6	rs4538747	32657334	A	0.29	0.00	9.99E-01	9.51E-01
6	rs7774434	32657578	C	0.37	0.22	7.38E-01	8.29E-01
6	rs7775228	32658079	C	0.14	-1.50	9.18E-02	7.23E-02
6	rs9275219	32659077	T	0.21	1.51	5.62E-02	6.24E-02
6	rs9275224	32659878	A	0.49	-0.78	2.11E-01	2.07E-01
6	rs5000634	32663564	C	0.43	0.20	7.54E-01	7.61E-01
6	rs6457617	32663851	C	0.50	-0.82	1.90E-01	1.87E-01
6	rs2647012	32664458	A	0.37	-0.19	7.66E-01	8.24E-01
6	rs9357152	32664960	G	0.29	0.02	9.75E-01	9.32E-01
6	rs10484561	32665420	G	0.07	2.30	5.64E-02	5.13E-02
6	rs9275312	32665728	G	0.15	0.28	7.49E-01	8.08E-01
6	rs1794282	32666526	A	0.07	1.73	1.61E-01	1.51E-01
6	rs2856725	32666738	G	0.37	-0.19	7.66E-01	8.24E-01
6	rs35998847	32666997	A	0.07	2.30	5.64E-02	5.13E-02
6	rs2858312	32667230	G	0.38	-0.62	3.35E-01	3.09E-01
6	rs9275371	32668296	C	0.22	1.15	1.30E-01	1.41E-01
6	rs9275374	32668526	T	0.22	1.13	1.38E-01	1.49E-01
6	rs9275388	32669084	C	0.22	1.11	1.45E-01	1.54E-01
6	rs9275390	32669156	C	0.22	1.12	1.42E-01	1.53E-01
6	rs11752643	32669373	T	0.04	-1.39	3.80E-01	3.72E-01
6	rs9275393	32669439	A	0.22	1.13	1.38E-01	1.49E-01
6	rs2647050	32669767	C	0.42	-0.71	2.65E-01	2.40E-01
6	rs9275406	32669955	T	0.22	1.13	1.38E-01	1.49E-01
6	rs2858308	32670000	A	0.13	-1.52	9.85E-02	7.09E-02

6	rs9275407	32670037	T	0.22	1.13	1.38E-01	1.49E-01
6	rs9275418	32670244	G	0.22	1.13	1.38E-01	1.49E-01
6	rs2856718	32670255	A	0.42	-0.71	2.65E-01	2.40E-01
6	rs2856717	32670308	T	0.36	-0.08	9.03E-01	9.75E-01
6	rs2858305	32670464	C	0.36	-0.11	8.60E-01	9.30E-01
6	rs35120848	32670495	T	0.09	1.49	1.77E-01	1.60E-01
6	rs9275424	32670576	G	0.22	1.22	1.09E-01	1.18E-01
6	rs9275425	32670874	A	0.22	1.13	1.38E-01	1.49E-01
6	rs9275427	32670915	T	0.22	1.13	1.38E-01	1.49E-01
6	rs2856705	32670956	A	0.13	-1.52	9.85E-02	7.09E-02
6	rs9275428	32670978	G	0.22	1.13	1.38E-01	1.49E-01
6	rs13192471	32671103	C	0.09	1.49	1.77E-01	1.60E-01
6	rs9275439	32671521	C	0.22	1.13	1.38E-01	1.49E-01
6	rs9275495	32673574	T	0.13	0.69	4.53E-01	5.17E-01
6	rs1794265	32674737	C	0.02	0.06	9.76E-01	9.51E-01
6	rs28371293	32677099	A	0.42	-0.71	2.65E-01	2.40E-01
6	rs16898264	32677152	A	0.42	-0.67	2.89E-01	2.63E-01
6	rs9275563	32677912	C	0.46	0.34	5.82E-01	5.06E-01
6	rs9275572	32678999	A	0.38	-0.24	7.14E-01	7.94E-01
6	rs3129727	32679690	T	0.02	0.04	9.82E-01	9.54E-01
6	rs9275582	32680070	T	0.20	1.53	5.19E-02	5.90E-02
6	rs7765379	32680928	G	0.15	-1.03	2.46E-01	2.30E-01
6	rs7745656	32680970	T	0.29	-0.37	5.84E-01	5.65E-01
6	rs2858332	32681161	A	0.49	0.61	3.28E-01	3.56E-01
6	rs2858331	32681277	C	0.36	0.32	6.17E-01	6.10E-01
6	rs9275595	32681355	C	0.20	1.53	5.19E-02	5.90E-02
6	rs7454108	32681483	C	0.13	0.75	4.15E-01	4.74E-01
6	rs9275596	32681631	C	0.34	-0.10	8.77E-01	9.42E-01
6	rs3957148	32682137	G	0.13	0.97	2.92E-01	3.41E-01
6	rs3104404	32682174	A	0.17	0.59	4.72E-01	4.14E-01
6	rs2894381	32682228	A	0.29	-1.53	2.98E-02	3.67E-02
6	rs3104405	32682308	C	0.24	2.00	5.21E-03	4.35E-03
6	rs3873444	32682724	A	0.14	-1.45	1.16E-01	1.13E-01
6	rs9275602	32682812	A	0.16	-0.22	7.97E-01	7.84E-01

6	rs3892710	32682862	T	0.22	-2.11	5.03E-03	5.26E-03
6	rs3997854	32682915	G	0.15	0.58	5.10E-01	5.58E-01
6	rs9275615	32684272	A	0.14	0.70	4.30E-01	4.69E-01
6	rs3916765	32685550	A	0.14	0.74	4.25E-01	4.64E-01
6	rs3104398	32685685	A	0.11	-1.37	1.58E-01	1.39E-01
6	rs12177980	32686084	A	0.43	-0.19	7.75E-01	8.01E-01
6	rs9275659	32686103	A	0.21	-1.38	8.14E-02	9.39E-02
6	rs9275686	32687570	A	0.21	-1.35	8.73E-02	1.01E-01
6	rs9275698	32687973	G	0.34	-1.37	4.11E-02	4.27E-02
6	rs9461799	32689529	C	0.43	-0.19	7.75E-01	8.01E-01
6	rs9275793	32690027	G	0.23	1.99	8.20E-03	9.33E-03
6	rs9275915	32692493	G	0.23	1.98	8.25E-03	9.39E-03
6	rs28772340	32692953	C	0.43	-0.13	8.40E-01	8.63E-01
6	rs9276017	32695022	T	0.23	1.98	8.25E-03	9.39E-03
6	rs9276157	32698369	T	0.23	1.97	8.77E-03	9.89E-03
6	rs9276162	32698457	G	0.23	1.99	8.20E-03	9.33E-03
6	rs2859078	32702449	C	0.21	-1.28	1.04E-01	1.18E-01
6	rs9276291	32702813	T	0.23	1.89	1.19E-02	1.30E-02
6	rs7762228	32704266	G	0.02	-1.75	4.43E-01	3.77E-01
6	rs9276310	32704523	A	0.14	-0.70	4.40E-01	4.04E-01
6	rs13214069	32705248	C	0.42	-0.16	8.04E-01	8.24E-01
6	rs13199787	32705276	T	0.43	-0.19	7.65E-01	7.92E-01
6	rs7773694	32706334	A	0.23	1.93	1.02E-02	1.17E-02
6	rs7755596	32706478	C	0.22	1.97	9.04E-03	1.05E-02
6	rs9276370	32707295	G	0.44	0.54	3.99E-01	3.93E-01
6	rs9276399	32708890	G	0.13	-0.49	6.04E-01	5.64E-01
6	rs4394270	32709964	C	0.33	-1.24	6.52E-02	6.51E-02
6	rs17500468	32711178	G	0.12	1.28	1.88E-01	1.77E-01
6	rs17500510	32712818	A	0.13	-1.63	8.48E-02	7.16E-02
6	rs2239800	32713267	C	0.09	-1.00	3.71E-01	3.89E-01
6	rs9276435	32713867	T	0.17	-1.04	2.28E-01	2.54E-01
6	rs2071800	32714143	T	0.11	-1.13	2.87E-01	2.51E-01
6	rs4415152	32717024	C	0.07	-0.94	4.46E-01	4.02E-01
6	rs9276472	32717224	G	0.07	-0.87	4.80E-01	4.35E-01

6	rs9276487	32718594	A	0.07	-0.87	4.80E-01	4.35E-01
6	rs5016066	32718818	A	0.50	0.53	4.10E-01	4.27E-01
6	rs9276502	32719666	C	0.07	-0.95	4.36E-01	3.97E-01
6	rs9276516	32720302	C	0.07	-0.88	4.74E-01	4.31E-01
6	rs10807113	32722186	A	0.50	-0.43	5.04E-01	5.20E-01
6	rs7756516	32723917	T	0.50	-0.43	5.04E-01	5.20E-01
6	rs7774954	32724189	A	0.07	-0.94	4.49E-01	4.08E-01
6	rs2301271	32725193	T	0.43	0.62	3.36E-01	3.27E-01
6	rs1023449	32727905	T	0.43	0.67	2.96E-01	2.90E-01
6	rs2051549	32730086	C	0.43	0.60	3.55E-01	3.46E-01
6	rs2071550	32730940	T	0.30	0.20	7.71E-01	7.01E-01
6	rs1573649	32731258	C	0.49	0.82	2.07E-01	2.00E-01
6	rs6903130	32732210	G	0.49	0.82	2.07E-01	2.01E-01
6	rs9348894	32732677	T	0.30	0.20	7.71E-01	7.01E-01
6	rs1894412	32734829	G	0.49	0.82	2.07E-01	2.00E-01
6	rs6901084	32736936	T	0.44	-0.51	4.36E-01	4.50E-01
6	rs6457661	32737494	T	0.44	-0.51	4.36E-01	4.50E-01
6	rs9368741	32737507	A	0.30	0.20	7.71E-01	7.01E-01
6	rs6457663	32739312	A	0.07	-0.95	4.45E-01	3.94E-01
6	rs1383265	32739888	G	0.20	-1.35	9.22E-02	1.10E-01
6	rs2857211	32740442	T	0.33	0.89	1.83E-01	2.41E-01
6	rs2857210	32741742	T	0.30	0.97	1.55E-01	2.00E-01
6	rs28724890	32741844	A	0.03	-1.28	4.88E-01	4.80E-01
6	rs12663317	32742827	C	0.09	-1.54	1.66E-01	2.09E-01
6	rs9276615	32743217	C	0.30	0.90	1.90E-01	2.40E-01
6	rs13195441	32743298	A	0.26	-0.59	4.14E-01	4.53E-01
6	rs2857204	32744347	A	0.35	-1.06	1.13E-01	1.48E-01
6	rs9276644	32745043	C	0.35	0.13	8.48E-01	8.49E-01
6	rs28986337	32748398	T	0.09	-1.54	1.66E-01	2.09E-01
6	rs34043227	32748590	T	0.08	-1.46	2.17E-01	1.94E-01
6	rs28986338	32748810	T	0.09	-1.54	1.66E-01	2.09E-01
6	rs28986359	32751349	C	0.09	-1.54	1.66E-01	2.09E-01
6	rs28986364	32751691	C	0.09	-1.29	2.58E-01	3.12E-01
6	rs719654	32752139	T	0.20	-0.58	4.70E-01	5.01E-01

6	rs28986373	32752150	A	0.09	-1.54	1.66E-01	2.09E-01
6	rs13204139	32752685	A	0.09	-1.54	1.66E-01	2.09E-01
6	rs28986396	32754430	A	0.09	-1.54	1.66E-01	2.09E-01
6	rs7762279	32755290	C	0.07	1.74	1.69E-01	1.67E-01
6	rs9276711	32757297	T	0.35	0.23	7.28E-01	7.32E-01
6	rs2857167	32757396	T	0.30	0.89	1.91E-01	2.44E-01
6	rs2621388	32757938	T	0.30	0.90	1.87E-01	2.36E-01
6	rs7758736	32758394	A	0.16	-0.18	8.43E-01	9.26E-01
6	rs3948793	32759448	T	0.35	0.19	7.69E-01	7.75E-01
6	rs2157079	32762103	A	0.37	0.30	6.47E-01	7.57E-01
6	rs9276722	32762391	G	0.09	-1.59	1.53E-01	1.91E-01
6	rs2621377	32763110	G	0.47	-0.23	7.14E-01	6.56E-01
6	rs2857151	32763514	T	0.37	0.30	6.50E-01	7.60E-01
6	rs9276726	32763888	C	0.30	0.64	3.37E-01	3.20E-01
6	rs2621373	32765130	G	0.31	-0.96	1.66E-01	2.05E-01
6	rs7767167	32765182	G	0.10	2.57	1.41E-02	1.52E-02
6	rs6912002	32765268	C	0.32	0.52	4.32E-01	4.06E-01
6	rs1383261	32765451	A	0.32	0.57	3.89E-01	3.63E-01
6	rs6932969	32765671	G	0.32	0.57	3.89E-01	3.63E-01
6	rs7383606	32766593	T	0.32	0.57	3.89E-01	3.63E-01
6	rs9276734	32766854	A	0.32	0.57	3.89E-01	3.63E-01
6	rs2199874	32769926	C	0.32	-0.97	1.55E-01	1.97E-01
6	rs2621358	32770808	A	0.31	-0.97	1.63E-01	2.02E-01
6	rs2857143	32772636	T	0.37	0.36	5.86E-01	6.84E-01
6	rs2199870	32773172	G	0.37	0.30	6.47E-01	7.58E-01
6	rs7382619	32775809	T	0.32	0.56	4.02E-01	3.76E-01
6	rs12207915	32777752	C	0.07	0.31	7.95E-01	7.63E-01
6	rs7383433	32778531	A	0.37	0.30	6.50E-01	7.60E-01
6	rs2621332	32780317	C	0.37	0.28	6.67E-01	7.77E-01
6	rs2621331	32780470	G	0.39	0.30	6.44E-01	7.43E-01
6	rs11244	32780724	T	0.26	0.67	3.40E-01	3.32E-01
6	rs2621330	32781524	A	0.04	-1.19	4.65E-01	4.36E-01
6	rs2070121	32781554	T	0.08	-0.20	8.68E-01	9.07E-01
6	rs2856997	32781776	T	0.41	-0.95	1.44E-01	1.84E-01

6	rs2071474	32782582	A	0.29	-0.93	1.89E-01	2.31E-01
6	rs2071473	32782605	A	0.35	-1.03	1.26E-01	1.57E-01
6	rs7383287	32783086	G	0.20	0.97	2.19E-01	2.04E-01
6	rs2071472	32784620	A	0.30	-0.91	2.01E-01	2.45E-01
6	rs2071554	32784676	A	0.04	-0.91	5.78E-01	5.73E-01
6	rs2071469	32784783	A	0.36	-0.91	1.72E-01	2.16E-01
6	rs2857107	32785515	A	0.12	-0.98	3.04E-01	2.44E-01
6	rs17429444	32786068	G	0.12	0.67	4.92E-01	4.71E-01
6	rs1894406	32787056	A	0.33	-1.09	1.06E-01	1.30E-01
6	rs17220136	32787337	T	0.05	0.47	7.59E-01	7.55E-01
6	rs2857106	32787570	G	0.17	-0.97	2.66E-01	2.63E-01
6	rs9784758	32788511	C	0.05	-0.86	5.38E-01	5.45E-01
6	rs9784876	32788878	A	0.05	-0.86	5.38E-01	5.45E-01
6	rs2621321	32789480	C	0.26	-1.26	8.78E-02	1.01E-01
6	rs16870907	32789807	T	0.05	-1.26	3.85E-01	3.95E-01
6	rs16870914	32791774	C	0.02	-1.28	6.04E-01	6.40E-01
6	rs13209654	32792659	C	0.09	-1.69	1.29E-01	1.62E-01
6	rs16870923	32792693	C	0.02	-1.21	6.17E-01	6.56E-01
6	rs10484565	32795032	A	0.08	-0.59	6.23E-01	6.22E-01
6	rs241453	32796226	T	0.27	-1.32	7.05E-02	7.93E-02
6	rs241452	32796346	G	0.27	-1.44	4.70E-02	5.34E-02
6	rs241451	32796480	G	0.31	-1.52	2.80E-02	3.19E-02
6	rs17034	32796521	A	0.26	-1.37	6.23E-02	7.24E-02
6	rs241448	32796685	C	0.27	-1.59	3.05E-02	3.50E-02
6	rs241447	32796751	G	0.27	-1.52	3.95E-02	4.55E-02
6	rs4148876	32796793	T	0.09	0.92	3.89E-01	3.89E-01
6	rs241446	32796967	T	0.27	-1.41	5.33E-02	6.03E-02
6	rs241445	32797072	A	0.27	-1.41	5.34E-02	6.04E-02
6	rs241440	32797361	A	0.27	-1.40	5.40E-02	6.15E-02
6	rs241439	32797537	C	0.37	-0.74	2.71E-01	3.04E-01
6	rs241438	32797620	A	0.33	-0.65	3.46E-01	3.91E-01
6	rs241437	32797684	C	0.37	-0.78	2.54E-01	2.87E-01
6	rs241436	32797876	C	0.45	-0.53	4.06E-01	4.39E-01
6	rs9380326	32798283	C	0.10	-0.34	7.53E-01	7.60E-01

6	rs1015166	32798731	T	0.29	-0.20	7.80E-01	8.44E-01
6	rs241433	32798795	G	0.44	0.28	6.66E-01	6.71E-01
6	rs2228397	32800224	T	0.24	0.25	7.41E-01	8.07E-01
6	rs1800454	32800412	A	0.17	0.22	7.94E-01	7.26E-01
6	rs241430	32802820	A	0.44	0.38	5.56E-01	5.51E-01
6	rs4148871	32803316	T	0.23	0.25	7.42E-01	7.80E-01
6	rs241429	32803840	T	0.44	1.01	1.17E-01	1.13E-01
6	rs3819715	32804219	T	0.35	-0.42	5.26E-01	4.77E-01
6	rs241427	32804414	T	0.34	0.35	5.96E-01	6.48E-01
6	rs3819721	32804798	A	0.29	-0.63	3.67E-01	3.93E-01
6	rs241425	32804909	T	0.41	0.13	8.43E-01	8.84E-01
6	rs241424	32804934	T	0.43	0.14	8.26E-01	7.80E-01
6	rs2071544	32806121	A	0.47	-0.41	5.19E-01	4.74E-01
6	rs4148870	32806391	A	0.49	0.21	7.45E-01	7.11E-01
6	rs3763366	32807446	G	0.47	-0.50	4.31E-01	3.86E-01
6	rs3763349	32808232	T	0.44	-0.22	7.30E-01	7.01E-01
6	rs9357155	32809848	A	0.13	-0.91	3.26E-01	3.21E-01
6	rs6924102	32811383	G	0.48	0.38	5.53E-01	5.29E-01
6	rs2071543	32811629	A	0.15	-0.85	3.39E-01	3.44E-01
6	rs2071541	32812858	C	0.11	-0.15	8.80E-01	9.82E-01
6	rs2071540	32812916	A	0.38	0.21	7.39E-01	7.92E-01
6	rs8842	32813161	G	0.03	-3.47	7.48E-02	5.53E-02
6	rs1057373	32813279	T	0.08	-1.41	2.29E-01	2.68E-01
6	rs13215	32813852	T	0.06	-0.25	8.54E-01	8.42E-01
6	rs4711312	32814659	G	0.14	-0.94	3.07E-01	3.41E-01
6	rs1135216	32814975	G	0.14	-0.95	3.00E-01	3.34E-01
6	rs17213812	32815516	T	0.06	-0.61	6.50E-01	6.35E-01
6	rs2071482	32816700	T	0.14	-0.81	3.65E-01	4.07E-01
6	rs12527715	32816998	C	0.17	-1.01	2.31E-01	2.64E-01
6	rs2395269	32817774	G	0.14	-0.42	6.45E-01	7.52E-01
6	rs2127680	32818031	C	0.03	2.63	1.52E-01	1.24E-01
6	rs2071538	32818678	T	0.20	-0.16	8.42E-01	8.99E-01
6	rs1057141	32818774	G	0.17	-0.98	2.44E-01	2.76E-01
6	rs2071481	32819865	G	0.11	-1.27	2.02E-01	2.37E-01

6	rs1351383	32822269	G	0.45	0.35	5.79E-01	5.53E-01
6	rs4713600	32822858	T	0.45	0.30	6.37E-01	6.05E-01
6	rs991760	32823567	T	0.07	-0.64	5.99E-01	6.71E-01
6	rs17587	32825090	A	0.30	0.94	1.75E-01	1.72E-01
6	rs2071477	32825348	G	0.45	0.30	6.37E-01	6.05E-01
6	rs9276815	32825507	T	0.36	0.93	1.61E-01	1.48E-01
6	rs241418	32827356	T	0.03	-1.11	5.83E-01	5.31E-01
6	rs241417	32827916	G	0.02	-1.30	5.30E-01	4.77E-01
6	rs9276825	32829714	A	0.47	0.17	7.88E-01	7.46E-01
6	rs7767288	32830013	A	0.45	0.32	6.09E-01	5.78E-01
6	rs7766900	32830034	G	0.47	0.17	7.88E-01	7.46E-01
6	rs9276831	32832033	G	0.14	0.84	3.51E-01	3.28E-01
6	rs3752430	32832667	A	0.39	0.22	7.25E-01	7.71E-01
6	rs1383267	32833646	T	0.45	0.32	6.09E-01	5.78E-01
6	rs10484566	32835258	G	0.06	-0.71	5.74E-01	6.37E-01
6	rs6931062	32835615	A	0.39	0.48	4.60E-01	4.60E-01
6	rs9276835	32837129	A	0.39	0.48	4.60E-01	4.60E-01
6	rs6906376	32838584	A	0.39	0.51	4.28E-01	4.32E-01
6	rs6929078	32838664	C	0.39	0.48	4.56E-01	4.56E-01
6	rs9276845	32840139	G	0.39	0.48	4.60E-01	4.60E-01
6	rs9276857	32841319	C	0.38	0.54	4.09E-01	4.15E-01
6	rs241415	32842691	C	0.02	-0.77	7.05E-01	6.54E-01
6	rs28724900	32844032	T	0.03	-1.08	5.51E-01	5.41E-01
6	rs7757767	32845873	G	0.39	0.48	4.53E-01	4.53E-01
6	rs9276894	32846483	C	0.39	0.48	4.53E-01	4.53E-01
6	rs9276900	32848566	C	0.38	0.47	4.72E-01	4.75E-01
6	rs2127675	32850850	C	0.39	0.48	4.58E-01	4.57E-01
6	rs17220297	32852052	T	0.02	-2.49	2.35E-01	2.36E-01
6	rs1002985	32852448	T	0.03	4.09	2.00E-02	1.93E-02
6	rs7766964	32852928	T	0.09	-1.38	1.95E-01	1.97E-01
6	rs35571244	32853219	C	0.10	-0.49	6.42E-01	6.07E-01
6	rs10046115	32855174	G	0.11	-1.70	9.40E-02	9.65E-02
6	rs6457689	32855683	T	0.11	-1.67	9.92E-02	1.02E-01
6	rs10214759	32857295	T	0.02	-3.62	7.82E-02	5.43E-02

6	rs10214886	32857419	A	0.11	-1.69	9.49E-02	9.75E-02
6	rs9276913	32857496	G	0.42	-0.15	8.14E-01	7.62E-01
6	rs9469300	32860752	A	0.11	-1.59	1.20E-01	1.23E-01
6	rs241409	32861920	C	0.11	-0.39	7.00E-01	6.82E-01
6	rs241407	32862740	A	0.11	-0.39	6.93E-01	6.75E-01
6	rs12195238	32862910	T	0.03	-1.42	4.15E-01	3.94E-01
6	rs11961569	32864681	G	0.08	-1.12	3.23E-01	3.73E-01
6	rs11969321	32864890	C	0.08	-1.14	3.17E-01	3.66E-01
6	rs17508331	32865338	C	0.08	-1.14	3.17E-01	3.65E-01
6	rs241405	32865798	T	0.45	-0.48	4.42E-01	3.77E-01
6	rs9276915	32865911	A	0.30	1.04	1.37E-01	1.29E-01
6	rs241404	32865997	G	0.47	0.82	1.93E-01	1.75E-01
6	rs9501233	32867123	A	0.08	-1.13	3.19E-01	3.68E-01
6	rs9461818	32867859	G	0.08	-1.14	3.17E-01	3.65E-01
6	rs10080898	32869882	C	0.08	-1.14	3.17E-01	3.65E-01
6	rs9296057	32869915	G	0.08	-1.14	3.17E-01	3.65E-01
6	rs3101942	32870057	C	0.36	0.09	8.91E-01	9.18E-01
6	rs1591	32871317	G	0.08	-1.14	3.17E-01	3.65E-01
6	rs1585894	32875323	A	0.08	-1.14	3.17E-01	3.65E-01
6	rs241398	32875450	A	0.47	0.82	1.93E-01	1.75E-01
6	rs9501234	32876049	G	0.08	-0.99	3.89E-01	4.43E-01
6	rs9500926	32876514	C	0.08	-1.14	3.17E-01	3.65E-01
6	rs1978030	32877073	C	0.08	-1.14	3.17E-01	3.65E-01
6	rs154988	32877266	C	0.45	-0.48	4.42E-01	3.77E-01
6	rs386542	32877768	T	0.08	-1.14	3.17E-01	3.65E-01
6	rs154986	32879233	A	0.08	-1.01	3.81E-01	4.32E-01
6	rs9469311	32880295	G	0.02	-2.15	3.68E-01	3.88E-01
6	rs9276921	32881502	G	0.14	1.04	2.62E-01	2.30E-01
6	rs9276922	32881527	A	0.19	-0.23	7.72E-01	8.18E-01
6	rs35599935	32886487	C	0.10	-0.22	8.37E-01	8.08E-01
6	rs149392	32889971	G	0.08	-0.99	3.89E-01	4.43E-01
6	rs194679	32891338	A	0.05	-0.76	6.06E-01	6.39E-01
6	rs151724	32892688	C	0.03	-1.38	4.40E-01	4.11E-01
6	rs9296059	32893102	C	0.08	-0.95	4.01E-01	4.53E-01

6	rs9469312	32893289	A	0.05	-0.89	5.49E-01	5.80E-01
6	rs9501239	32895580	G	0.05	-1.11	4.55E-01	4.89E-01
6	rs1116029	32895984	T	0.05	-1.16	4.30E-01	4.59E-01
6	rs154978	32899296	G	0.42	-0.16	7.99E-01	7.36E-01
6	rs3132131	32899485	A	0.28	0.67	3.35E-01	3.35E-01
6	rs154973	32900642	A	0.11	-0.78	4.48E-01	4.44E-01
6	rs154972	32900651	C	0.42	-0.11	8.69E-01	8.75E-01
6	rs181997	32900718	T	0.33	-0.35	6.13E-01	6.16E-01
6	rs3129299	32900787	A	0.18	-0.09	9.18E-01	8.76E-01
6	rs3132132	32901934	A	0.15	0.36	6.89E-01	7.16E-01
6	rs12662077	32902001	A	0.09	0.54	6.41E-01	6.82E-01
6	rs23544	32903637	A	0.45	0.48	4.42E-01	3.95E-01
6	rs68600	32903724	A	0.46	0.29	6.45E-01	5.84E-01
6	rs151719	32903900	G	0.21	-0.04	9.63E-01	8.99E-01
6	rs2071556	32904601	C	0.44	-1.25	4.78E-02	3.53E-02
6	rs171329	32904661	C	0.49	-0.75	2.33E-01	1.97E-01
6	rs1042337	32904981	C	0.25	0.02	9.80E-01	9.25E-01
6	rs714289	32905811	C	0.04	2.62	1.06E-01	9.72E-02
6	rs6934645	32906228	A	0.03	-0.51	7.87E-01	7.69E-01
6	rs28365995	32909098	A	0.03	1.13	5.48E-01	4.80E-01
6	rs35029304	32909533	C	0.07	1.58	2.18E-01	2.33E-01
6	rs16871169	32910877	A	0.02	-2.90	2.34E-01	2.31E-01
6	rs3101944	32911127	T	0.11	0.57	5.74E-01	5.93E-01
6	rs2395296	32911814	A	0.34	-0.80	2.29E-01	1.97E-01
6	rs10484567	32912552	C	0.02	-2.73	1.75E-01	1.54E-01
6	rs1480380	32913246	T	0.06	1.02	4.25E-01	4.03E-01
6	rs194682	32914613	T	0.34	1.25	6.51E-02	6.68E-02
6	rs17583915	32915852	C	0.03	1.13	5.48E-01	4.80E-01
6	rs17617515	32918124	T	0.03	1.07	5.64E-01	4.96E-01
6	rs3135029	32921774	A	0.07	0.54	6.61E-01	7.04E-01
6	rs9378127	32922459	A	0.13	-1.88	4.64E-02	4.40E-02
6	rs209473	32922908	A	0.48	-1.22	5.30E-02	5.53E-02
6	rs28724903	32924061	T	0.10	-1.93	6.51E-02	6.59E-02
6	rs209474	32924584	G	0.39	1.47	2.35E-02	2.37E-02

6	rs209475	32925585	A	0.35	1.13	9.09E-02	9.51E-02
6	rs580962	32925692	G	0.44	-1.09	8.63E-02	8.65E-02
6	rs6906517	32926580	T	0.02	-2.91	2.18E-01	1.58E-01
6	rs9276933	32930795	C	0.09	-0.27	8.01E-01	7.53E-01
6	rs129653	32931536	C	0.35	0.98	1.44E-01	1.56E-01
6	rs206783	32932150	A	0.39	1.36	3.54E-02	3.67E-02
6	rs17584088	32935509	C	0.03	0.96	5.99E-01	5.31E-01
6	rs3918150	32936435	G	0.03	0.16	9.32E-01	8.56E-01
6	rs3129296	32938291	C	0.09	-0.15	8.96E-01	8.30E-01
6	rs16871262	32939248	G	0.03	0.96	5.99E-01	5.31E-01
6	rs17220479	32940815	T	0.03	-1.38	4.61E-01	4.40E-01
6	rs3130597	32941191	T	0.07	0.58	6.38E-01	6.86E-01
6	rs12196597	32941214	A	0.13	-1.80	5.86E-02	5.81E-02
6	rs620202	32941910	T	0.28	0.80	2.65E-01	2.60E-01
6	rs3918154	32943752	G	0.03	-0.81	6.66E-01	6.51E-01
6	rs11908	32944746	T	0.36	1.50	2.43E-02	2.21E-02
6	rs3129307	32944987	T	0.07	0.58	6.38E-01	6.86E-01
6	rs17220493	32945097	T	0.01	-0.69	8.17E-01	8.00E-01
6	rs3097644	32945530	G	0.07	0.42	7.37E-01	7.84E-01
6	rs565876	32950050	T	0.36	1.47	2.70E-02	2.46E-02
6	rs16871297	32950217	G	0.03	-1.36	4.68E-01	4.44E-01
6	rs17617793	32951161	C	0.03	0.96	5.99E-01	5.31E-01
6	rs17220500	32951593	G	0.03	0.96	5.99E-01	5.31E-01
6	rs3135034	32951662	C	0.11	0.78	4.43E-01	4.56E-01
6	rs206777	32952546	C	0.42	-0.91	1.53E-01	1.60E-01
6	rs3097645	32953280	G	0.09	-0.15	8.96E-01	8.30E-01
6	rs206775	32954634	G	0.36	1.50	2.30E-02	2.07E-02
6	rs3097646	32954689	C	0.11	0.86	3.96E-01	4.06E-01
6	rs188245	32955976	C	0.43	1.70	7.12E-03	5.85E-03
6	rs206769	32961104	A	0.22	-1.68	2.89E-02	3.58E-02
6	rs9500927	32961361	A	0.15	-0.69	4.24E-01	3.46E-01
6	rs206768	32961387	C	0.37	1.46	2.65E-02	2.40E-02
6	rs172275	32961621	T	0.46	-1.08	8.36E-02	8.82E-02
6	rs206767	32962420	G	0.48	-0.97	1.18E-01	1.32E-01

6	rs206765	32964696	A	0.36	1.30	4.69E-02	4.58E-02
6	rs176248	32965942	T	0.29	0.85	2.25E-01	2.43E-01
6	rs2395300	32968276	A	0.32	-0.31	6.56E-01	6.17E-01
6	rs172274	32969457	A	0.34	-0.45	5.06E-01	4.60E-01
6	rs12193085	32969696	T	0.13	0.08	9.29E-01	9.99E-01
6	rs206762	32970450	C	0.42	-0.01	9.94E-01	9.39E-01
6	rs17214134	32971682	A	0.01	4.36	9.37E-02	1.09E-01
6	rs3128931	32971708	A	0.26	0.43	5.57E-01	5.87E-01
6	rs1044429	32972642	A	0.13	0.05	9.57E-01	9.69E-01
6	rs376892	32972887	T	0.31	0.11	8.74E-01	9.32E-01
6	rs35776718	32972903	A	0.15	1.59	6.83E-02	7.17E-02
6	rs3129304	32973743	G	0.15	-0.73	4.14E-01	3.99E-01
6	rs2581	32974401	A	0.47	0.63	3.07E-01	2.67E-01
6	rs6913008	32974843	T	0.18	1.67	4.51E-02	4.56E-02
6	rs365066	32975257	T	0.46	0.56	3.65E-01	3.14E-01
6	rs453779	32975381	T	0.41	-0.12	8.56E-01	7.78E-01
6	rs2267647	32975511	A	0.30	-0.12	8.60E-01	8.03E-01
6	rs11575906	32975808	T	0.01	1.68	5.29E-01	5.19E-01
6	rs2284191	32976654	A	0.08	-0.12	9.16E-01	9.07E-01
6	rs86567	32976759	C	0.44	-1.03	1.05E-01	1.17E-01
6	rs403414	32977315	C	0.16	0.32	7.08E-01	7.28E-01
6	rs381218	32977420	A	0.26	-0.39	5.85E-01	6.54E-01
6	rs396090	32977535	C	0.44	-0.39	5.36E-01	4.74E-01
6	rs6911639	32978178	C	0.24	0.67	3.69E-01	3.66E-01
6	rs429916	32978587	A	0.06	0.23	8.59E-01	8.53E-01
6	rs3763342	32978997	A	0.14	0.05	9.57E-01	9.63E-01
6	rs3763341	32979020	T	0.11	0.76	4.53E-01	4.93E-01
6	rs34354079	32981555	A	0.09	-0.49	6.57E-01	6.56E-01
6	rs6457699	32981647	T	0.45	1.01	1.15E-01	1.28E-01
6	rs9276991	32981848	G	0.06	-1.96	1.37E-01	1.36E-01
6	rs9276992	32981937	C	0.06	-1.96	1.37E-01	1.36E-01
6	rs34570277	32982017	T	0.09	-0.49	6.57E-01	6.56E-01
6	rs423209	32983474	A	0.03	0.67	7.00E-01	7.63E-01
6	rs6935846	32984011	T	0.45	1.12	8.15E-02	9.20E-02

6	rs9276994	32984255	C	0.37	1.15	8.63E-02	9.75E-02
6	rs6936620	32984451	A	0.41	-0.51	4.35E-01	4.70E-01
6	rs3130604	32985052	G	0.15	-0.94	2.94E-01	2.87E-01
6	rs1367731	32985199	T	0.18	1.69	4.04E-02	4.04E-02
6	rs6457701	32986573	G	0.37	1.14	8.68E-02	9.85E-02
6	rs6933994	32987120	G	0.50	0.57	3.65E-01	3.70E-01
6	rs423639	32987774	T	0.09	-1.28	2.55E-01	2.44E-01
6	rs6457702	32988049	T	0.46	-0.84	1.93E-01	2.16E-01
6	rs17220695	32988089	T	0.05	-2.43	8.34E-02	8.88E-02
6	rs17214311	32988175	A	0.05	-2.43	8.34E-02	8.88E-02
6	rs9296068	32988695	G	0.32	0.46	5.07E-01	5.33E-01
6	rs6930052	32990481	T	0.05	-2.88	5.80E-02	6.44E-02
6	rs3097648	32990970	T	0.12	-0.38	6.94E-01	6.70E-01
6	rs13217173	32991738	T	0.13	-1.17	2.09E-01	2.17E-01
6	rs7738250	32992424	A	0.09	-0.18	8.72E-01	8.65E-01
6	rs397576	32993186	C	0.01	-0.50	8.58E-01	8.69E-01
6	rs9277015	32993266	A	0.35	1.99	2.30E-03	2.92E-03
6	rs6933546	32996014	T	0.35	2.10	1.39E-03	1.84E-03
6	rs443623	32996350	A	0.24	-0.54	4.66E-01	5.52E-01
6	rs6920606	32997674	C	0.48	1.36	3.11E-02	3.69E-02
6	rs9277027	32998238	G	0.27	1.93	6.38E-03	7.85E-03
6	rs1431396	32998564	T	0.38	-0.84	1.96E-01	2.21E-01
6	rs3135195	32999330	C	0.03	-0.57	7.70E-01	7.34E-01
6	rs429073	33001735	C	0.17	-0.33	7.06E-01	6.79E-01
6	rs34493748	33001771	C	0.05	-1.89	2.14E-01	2.43E-01
6	rs2858458	33003065	G	0.25	-0.38	6.01E-01	5.80E-01
6	rs423196	33003562	G	0.17	-0.46	5.86E-01	5.77E-01
6	rs448733	33003687	T	0.05	-1.06	4.80E-01	4.71E-01
6	rs3097656	33003745	T	0.03	-0.57	7.70E-01	7.34E-01
6	rs763469	33004387	A	0.15	-0.94	2.87E-01	2.85E-01
6	rs414564	33004917	C	0.05	-1.06	4.80E-01	4.71E-01
6	rs444821	33004935	A	0.25	-0.38	6.01E-01	5.80E-01
6	rs9277052	33005932	C	0.21	-0.15	8.44E-01	8.25E-01
6	rs9277053	33006222	A	0.28	1.96	5.54E-03	6.96E-03

6	rs410763	33007111	T	0.02	-2.24	3.84E-01	3.99E-01
6	rs7774158	33007752	A	0.36	1.63	1.39E-02	1.80E-02
6	rs28893563	33011187	A	0.03	-0.73	6.84E-01	5.95E-01
6	rs652038	33012770	T	0.41	1.17	6.88E-02	7.81E-02
6	rs398762	33014313	G	0.41	1.18	6.96E-02	8.12E-02
6	rs3097659	33016033	C	0.15	-0.96	2.75E-01	2.74E-01
6	rs2567274	33016707	T	0.33	1.41	3.38E-02	3.84E-02
6	rs375912	33016728	C	0.33	1.41	3.38E-02	3.84E-02
6	rs2105929	33016887	C	0.29	2.00	4.44E-03	5.77E-03
6	rs3128953	33020842	A	0.22	-1.43	5.56E-02	5.86E-02
6	rs367645	33024499	A	0.03	0.24	8.92E-01	9.13E-01
6	rs376877	33024606	G	0.18	-2.20	7.66E-03	6.87E-03
6	rs2116263	33025493	A	0.02	2.47	2.71E-01	2.81E-01
6	rs2395309	33026246	G	0.16	0.04	9.68E-01	9.94E-01
6	rs9277334	33030112	C	0.13	-1.87	4.41E-02	4.59E-02
6	rs17214519	33032188	A	0.16	0.04	9.68E-01	9.94E-01
6	rs3077	33033022	C	0.16	0.04	9.68E-01	9.94E-01
6	rs2301226	33034596	T	0.13	-1.84	4.69E-02	4.98E-02
6	rs1367728	33034815	A	0.12	0.16	8.73E-01	8.49E-01
6	rs9469341	33035877	G	0.16	-0.01	9.91E-01	9.53E-01
6	rs2301220	33038766	A	0.16	0.04	9.60E-01	9.99E-01
6	rs9277341	33039625	C	0.29	-1.36	5.15E-02	5.02E-02
6	rs1431399	33041034	G	0.16	0.04	9.60E-01	9.99E-01
6	rs987870	33042880	C	0.13	-0.23	8.12E-01	7.70E-01
6	rs2071349	33043520	G	0.13	-2.34	9.70E-03	1.06E-02
6	rs2071354	33044388	C	0.13	-0.23	8.12E-01	7.70E-01
6	rs3135021	33045558	A	0.28	-1.24	7.16E-02	7.45E-02
6	rs1431403	33047031	C	0.29	-0.41	5.58E-01	5.31E-01
6	rs9277357	33049979	G	0.31	-0.56	4.17E-01	3.92E-01
6	rs9277396	33051139	A	0.31	-0.49	4.79E-01	4.55E-01
6	rs9277464	33053352	T	0.27	-0.40	5.76E-01	5.47E-01
6	rs9277535	33054861	G	0.27	-0.39	5.86E-01	5.58E-01
6	rs9277554	33055538	T	0.31	-0.49	4.79E-01	4.55E-01
6	rs9277555	33055605	A	0.28	-0.42	5.62E-01	5.42E-01

6	rs9277565	33056897	T	0.24	-0.35	6.45E-01	6.19E-01
6	rs10484569	33058952	A	0.04	0.73	6.63E-01	7.04E-01
6	rs2281390	33059669	A	0.19	0.03	9.74E-01	9.46E-01
6	rs2281389	33059796	C	0.20	-0.59	4.60E-01	4.51E-01
6	rs3128917	33059996	G	0.28	-0.46	5.23E-01	5.01E-01
6	rs2281388	33060118	T	0.02	-0.09	9.65E-01	9.70E-01
6	rs3117222	33060949	A	0.28	-0.45	5.28E-01	5.05E-01
6	rs3128918	33061098	C	0.19	-0.02	9.81E-01	9.96E-01
6	rs3130192	33061930	T	0.09	0.60	5.90E-01	5.50E-01
6	rs6914616	33063592	A	0.04	-0.77	6.40E-01	6.40E-01
6	rs3130201	33064916	A	0.43	-0.43	5.05E-01	5.03E-01
6	rs2179915	33065734	T	0.04	-0.77	6.40E-01	6.40E-01
6	rs2395319	33067211	T	0.28	-0.49	4.92E-01	4.69E-01
6	rs3128924	33071424	G	0.37	-0.79	2.23E-01	2.25E-01
6	rs2064479	33072240	A	0.27	-0.67	3.58E-01	3.56E-01
6	rs2064478	33072266	A	0.24	-0.70	3.56E-01	3.49E-01
6	rs9469357	33074617	T	0.03	-0.11	9.52E-01	9.42E-01
6	rs3130215	33074963	A	0.39	1.10	9.15E-02	8.94E-02
6	rs3117230	33075635	C	0.24	-0.73	3.38E-01	3.30E-01
6	rs9296081	33076661	G	0.03	-0.16	9.35E-01	9.51E-01
6	rs6457713	33077776	T	0.08	-0.02	9.85E-01	9.50E-01
6	rs9380343	33079166	T	0.04	0.75	6.55E-01	6.99E-01
6	rs11751659	33081632	G	0.14	-0.27	7.72E-01	7.76E-01
6	rs1810472	33083121	G	0.30	0.27	6.93E-01	7.67E-01
6	rs2395349	33083134	A	0.20	0.34	6.62E-01	6.55E-01
6	rs9277656	33084148	T	0.20	0.34	6.62E-01	6.55E-01
6	rs3117039	33085851	A	0.44	0.62	3.25E-01	3.12E-01
6	rs3117035	33086249	A	0.45	0.55	3.85E-01	3.73E-01
6	rs1883414	33086448	T	0.34	0.36	5.82E-01	6.43E-01
6	rs9277682	33087684	C	0.20	0.26	7.40E-01	7.37E-01
6	rs9277685	33088084	A	0.17	-0.09	9.10E-01	9.00E-01
6	rs4713607	33090836	G	0.48	-0.52	4.14E-01	4.61E-01
6	rs3129274	33094869	G	0.28	-0.19	7.90E-01	8.01E-01
6	rs3117016	33095516	T	0.42	0.31	6.27E-01	6.90E-01

6	rs3117008	33096274	C	0.48	-0.61	3.34E-01	3.71E-01
6	rs3117004	33096766	C	0.35	0.33	6.19E-01	6.18E-01
6	rs3130237	33097561	C	0.18	0.43	6.02E-01	6.03E-01
6	rs3129269	33097614	T	0.36	0.65	3.21E-01	3.62E-01
6	rs6901221	33098276	C	0.18	0.53	5.24E-01	5.26E-01
6	rs2294478	33098966	T	0.49	0.22	7.29E-01	6.64E-01
6	rs2294472	33099210	C	0.40	-0.24	7.16E-01	7.70E-01
6	rs9366816	33104175	C	0.22	-0.05	9.48E-01	9.94E-01
6	rs13437000	33105064	C	0.19	-0.49	5.54E-01	6.03E-01
6	rs4713610	33107955	G	0.15	0.11	9.06E-01	8.56E-01
6	rs7754200	33110933	G	0.26	0.23	7.55E-01	7.45E-01
6	rs3129234	33111347	A	0.26	0.21	7.75E-01	7.66E-01
6	rs3129223	33113197	A	0.26	0.25	7.30E-01	7.20E-01
6	rs1003979	33114171	A	0.39	0.14	8.35E-01	9.03E-01
6	rs2395365	33116222	C	0.44	-0.22	7.32E-01	7.90E-01
6	rs3129214	33117258	A	0.26	0.24	7.42E-01	7.32E-01
6	rs721394	33117818	A	0.18	-0.53	5.19E-01	5.76E-01
6	rs756441	33122171	C	0.44	-0.12	8.48E-01	9.08E-01
6	rs756440	33122331	C	0.26	0.27	7.08E-01	6.99E-01
6	rs9277912	33124658	T	0.17	-0.01	9.93E-01	9.95E-01
6	rs9277920	33125725	A	0.35	0.31	6.36E-01	6.85E-01
6	rs4713614	33127987	C	0.44	-0.20	7.55E-01	7.60E-01
6	rs2235498	33130430	T	0.24	-0.12	8.67E-01	7.94E-01
6	rs986521	33136145	C	0.22	0.03	9.63E-01	9.47E-01
6	rs2229784	33136310	A	0.03	-1.40	4.42E-01	3.98E-01
6	rs9368758	33138021	A	0.07	-0.32	7.97E-01	7.77E-01
6	rs1799910	33139328	A	0.48	0.05	9.30E-01	9.20E-01
6	rs9277932	33141253	T	0.45	0.07	9.08E-01	9.34E-01
6	rs2855430	33141280	T	0.16	0.24	7.81E-01	7.91E-01
6	rs3762013	33142539	G	0.46	0.04	9.47E-01	9.75E-01
6	rs2855425	33144373	C	0.26	0.18	8.09E-01	8.12E-01
6	rs2855459	33154656	T	0.16	0.26	7.67E-01	7.77E-01
6	rs2269346	33158898	A	0.07	-0.18	8.88E-01	8.66E-01
6	rs6531	33163451	C	0.26	0.16	8.20E-01	8.24E-01

6	rs439205	33173842	T	0.26	-0.07	9.24E-01	8.86E-01
6	rs421446	33174783	C	0.30	0.24	7.22E-01	7.61E-01
6	rs2854028	33179689	A	0.24	0.44	5.59E-01	5.61E-01
6	rs1704996	33182895	G	0.06	2.17	1.22E-01	1.29E-01
6	rs213213	33183730	A	0.28	0.48	5.02E-01	5.01E-01
6	rs9277937	33184894	C	0.10	0.26	8.05E-01	8.25E-01
6	rs1977090	33185578	A	0.13	0.02	9.81E-01	9.50E-01
6	rs213212	33185918	G	0.25	0.23	7.56E-01	7.53E-01
6	rs213194	33195604	A	0.25	-0.08	9.12E-01	9.15E-01
6	rs213220	33202640	C	0.47	0.14	8.23E-01	7.96E-01
6	rs213199	33235755	T	0.34	0.03	9.59E-01	9.31E-01
6	rs464921	33240506	C	0.16	-0.15	8.62E-01	9.26E-01
6	rs213207	33241169	G	0.47	0.07	9.07E-01	8.74E-01
6	rs455567	33252115	C	0.43	0.15	8.11E-01	8.99E-01
6	rs14398	33254665	G	0.15	-0.10	9.03E-01	9.57E-01
6	rs9277965	33256397	A	0.18	-0.26	7.50E-01	7.94E-01
6	rs3130257	33256471	T	0.09	0.31	7.70E-01	7.67E-01
6	rs456261	33258443	C	0.46	0.16	8.00E-01	8.65E-01
6	rs12664430	33272677	T	0.07	0.82	5.00E-01	5.10E-01
6	rs2282851	33280309	T	0.30	0.11	8.76E-01	8.39E-01
6	rs3130100	33283766	T	0.44	0.19	7.70E-01	8.27E-01
6	rs2239839	33288075	T	0.30	0.08	9.03E-01	8.65E-01
6	rs3130267	33306794	T	0.44	0.38	5.56E-01	6.43E-01
6	rs3130014	33312308	C	0.31	0.43	5.39E-01	6.43E-01
6	rs211474	33320613	T	0.30	0.16	8.18E-01	8.91E-01
6	rs3106192	33326250	C	0.43	0.38	5.63E-01	5.05E-01
6	rs9278019	33326434	T	0.17	-0.24	7.78E-01	7.90E-01
6	rs211455	33328518	T	0.29	0.03	9.67E-01	9.53E-01
6	rs211452	33330981	C	0.36	0.55	4.13E-01	4.57E-01
6	rs3130276	33336930	T	0.35	-0.26	6.95E-01	7.34E-01
6	rs461964	33360574	C	0.36	-0.04	9.49E-01	9.97E-01
6	rs211457	33365640	T	0.09	0.58	5.93E-01	5.97E-01
6	rs442745	33382241	G	0.35	-0.11	8.75E-01	9.20E-01
6	rs3116713	33382288	G	0.07	0.09	9.41E-01	9.36E-01

6	rs211456	33389381	A	0.38	0.55	4.07E-01	4.47E-01
6	rs2247385	33421577	G	0.39	0.44	5.04E-01	5.64E-01
6	rs2772372	33427350	T	0.09	-0.16	8.86E-01	9.05E-01

Results were obtained from the genotype data of the 1339 generalized vitiligo cases genotyped genome-wide. P values were calculated using linear regression analyses with vitiligo age-of-onset was coded as a quantitative trait; effect sizes are measured as additive effects, which correspond to the average change in phenotype when one major allele is replaced with one minor allele. PCA corrected p values were calculated using linear regression analyses including as covariates the three significant principal components for population structure obtained from EIGENSOFT.¹¹ SNP positions all refer to Genome Build GRCh37.

Supplementary Table 3. Association Analysis of MHC Region SNPs with Generalized Vitiligo Susceptibility

Chr.	SNP	Location	Minor	Major			Odds Ratio	L95	U95	Trend p	EIGENSTRAT p
		(nt)	allele	F_A	F_U	allele					
6	rs6910741	25895575	C	0.15	0.15	T	1.01	0.89	1.15	8.95E-01	8.18E-01
6	rs7748167	25904652	C	0.09	0.10	A	0.82	0.70	0.97	1.74E-02	1.60E-02
6	rs1865760	25916979	T	0.41	0.39	C	1.06	0.96	1.16	2.33E-01	1.56E-01
6	rs7749342	25920265	C	0.49	0.49	T	0.99	0.91	1.09	8.98E-01	9.40E-01
6	rs2071297	25924513	G	0.41	0.39	C	1.06	0.96	1.16	2.40E-01	1.60E-01
6	rs7770139	25925823	G	0.41	0.39	A	1.06	0.96	1.16	2.51E-01	1.70E-01
6	rs3734523	25925987	T	0.08	0.10	C	0.84	0.71	0.99	3.39E-02	3.09E-02
6	rs10484431	25926674	G	0.26	0.25	A	1.04	0.94	1.16	4.69E-01	5.72E-01
6	rs9295676	25928376	T	0.04	0.04	G	0.88	0.69	1.12	2.90E-01	3.31E-01
6	rs199741	25931577	A	0.23	0.23	G	0.97	0.87	1.09	6.31E-01	6.09E-01
6	rs6940007	25931957	C	0.08	0.10	A	0.84	0.71	0.99	3.72E-02	3.41E-02
6	rs199736	25936787	G	0.30	0.30	A	0.97	0.87	1.07	5.02E-01	4.24E-01
6	rs1436307	25939723	A	0.41	0.40	G	1.06	0.97	1.17	1.94E-01	1.30E-01
6	rs7746105	25944278	C	0.20	0.20	A	1.03	0.92	1.16	5.92E-01	6.64E-01
6	rs2051541	25945211	C	0.50	0.50	T	1.01	0.92	1.10	8.98E-01	7.43E-01
6	rs6906576	25956501	T	0.05	0.05	C	1.04	0.84	1.27	7.45E-01	6.87E-01
6	rs169219	25957392	G	0.38	0.40	T	0.92	0.83	1.01	7.62E-02	5.55E-02
6	rs199738	25963456	C	0.21	0.20	T	1.04	0.92	1.16	5.55E-01	6.27E-01
6	rs2009610	25967068	A	0.24	0.24	G	1.05	0.94	1.17	3.89E-01	2.92E-01
6	rs2051538	25991620	T	0.16	0.15	C	1.09	0.96	1.23	1.87E-01	2.06E-01
6	rs2013063	25994098	A	0.44	0.44	G	1.04	0.94	1.14	4.61E-01	3.59E-01
6	rs12216125	25997458	T	0.36	0.36	C	1.02	0.93	1.13	6.42E-01	5.28E-01
6	rs10484432	26008876	A	0.24	0.23	G	1.06	0.95	1.18	2.83E-01	1.99E-01
6	rs199750	26016462	C	0.29	0.30	T	0.96	0.87	1.07	4.72E-01	4.23E-01
6	rs2237231	26017171	A	0.07	0.07	G	1.03	0.87	1.23	7.14E-01	6.83E-01
6	rs16891235	26017542	C	0.09	0.10	T	0.84	0.71	0.98	2.53E-02	1.91E-02
6	rs9379818	26023206	T	0.42	0.42	G	1.04	0.94	1.14	4.56E-01	3.50E-01
6	rs10484434	26031613	A	0.15	0.14	G	1.09	0.95	1.23	2.16E-01	2.25E-01
6	rs2213284	26031868	C	0.31	0.31	T	0.98	0.89	1.08	6.64E-01	6.00E-01
6	rs2230655	26033506	C	0.31	0.31	T	0.97	0.88	1.07	5.86E-01	5.24E-01
6	rs1540275	26036476	A	0.31	0.31	G	0.98	0.89	1.08	6.96E-01	6.32E-01

6	rs2032447	26044369	T	0.32	0.33	C	0.99	0.90	1.09	8.49E-01	7.83E-01
6	rs9689245	26050845	T	0.14	0.12	C	1.11	0.97	1.27	1.29E-01	1.49E-01
6	rs9295684	26069669	C	0.42	0.42	T	1.04	0.94	1.14	4.40E-01	3.37E-01
6	rs2794719	26088890	C	0.42	0.41	A	1.03	0.94	1.13	5.42E-01	4.28E-01
6	rs9366637	26089098	T	0.06	0.06	C	1.05	0.86	1.27	6.46E-01	6.52E-01
6	rs1800562	26093141	A	0.07	0.07	G	0.94	0.78	1.13	4.98E-01	6.44E-01
6	rs1572982	26094367	A	0.46	0.46	G	1.00	0.91	1.09	9.42E-01	8.70E-01
6	rs707889	26095931	T	0.23	0.23	C	1.03	0.93	1.15	5.57E-01	4.11E-01
6	rs17596719	26097194	A	0.13	0.12	G	1.11	0.97	1.28	1.27E-01	1.31E-01
6	rs6918586	26097384	C	0.40	0.41	T	0.98	0.90	1.08	6.97E-01	6.12E-01
6	rs1543680	26103177	A	0.23	0.22	G	1.04	0.93	1.16	5.18E-01	3.81E-01
6	rs198853	26104096	C	0.31	0.31	T	0.98	0.89	1.08	6.73E-01	5.98E-01
6	rs198845	26107790	T	0.37	0.38	G	0.96	0.87	1.05	3.40E-01	3.40E-01
6	rs2051542	26108168	T	0.06	0.06	C	1.06	0.88	1.29	5.23E-01	4.91E-01
6	rs16891315	26111756	C	0.09	0.11	T	0.86	0.73	1.00	4.81E-02	3.61E-02
6	rs933199	26112893	G	0.06	0.06	A	1.06	0.88	1.29	5.18E-01	4.92E-01
6	rs198838	26113340	A	0.46	0.46	G	1.00	0.91	1.10	9.84E-01	9.44E-01
6	rs198834	26114372	A	0.37	0.38	G	0.96	0.87	1.05	3.55E-01	3.55E-01
6	rs707896	26116424	A	0.17	0.16	G	1.08	0.96	1.22	2.19E-01	1.72E-01
6	rs198828	26119459	G	0.46	0.46	A	1.00	0.92	1.10	9.60E-01	9.84E-01
6	rs16891334	26124303	C	0.09	0.11	T	0.87	0.75	1.02	9.09E-02	7.21E-02
6	rs129128	26125342	G	0.13	0.14	A	0.94	0.83	1.08	4.01E-01	4.21E-01
6	rs17531978	26129392	C	0.15	0.13	T	1.13	0.99	1.29	7.37E-02	8.78E-02
6	rs707899	26129948	T	0.17	0.16	C	1.07	0.95	1.21	2.90E-01	2.41E-01
6	rs198806	26133616	A	0.39	0.40	G	0.99	0.90	1.09	8.51E-01	7.77E-01
6	rs2856646	26135498	T	0.29	0.28	C	1.04	0.94	1.15	4.14E-01	4.42E-01
6	rs7760713	26137652	G	0.06	0.06	A	1.03	0.86	1.25	7.40E-01	7.02E-01
6	rs806970	26141375	T	0.07	0.07	C	1.10	0.92	1.31	3.10E-01	2.62E-01
6	rs806972	26148311	G	0.01	0.01	T	0.96	0.65	1.41	8.22E-01	6.95E-01
6	rs806973	26148326	G	0.38	0.38	A	1.01	0.92	1.11	7.73E-01	7.53E-01
6	rs16891359	26149000	C	0.04	0.04	T	0.99	0.79	1.24	9.16E-01	9.48E-01
6	rs9379827	26153335	A	0.26	0.23	C	1.14	1.03	1.27	1.48E-02	1.07E-02
6	rs3857546	26157762	T	0.11	0.13	C	0.83	0.72	0.96	1.35E-02	1.13E-02
6	rs1009181	26158993	G	0.37	0.36	A	1.02	0.93	1.12	7.23E-01	6.80E-01

6	rs9379829	26172219	T	0.25	0.22	C	1.13	1.02	1.26	2.33E-02	1.66E-02
6	rs9379831	26175852	A	0.34	0.32	C	1.12	1.01	1.23	2.59E-02	2.32E-02
6	rs4496782	26184617	C	0.23	0.22	T	1.02	0.91	1.14	7.45E-01	8.22E-01
6	rs11751812	26187334	T	0.09	0.09	G	0.99	0.85	1.16	9.20E-01	8.39E-01
6	rs806977	26189615	A	0.48	0.50	G	0.90	0.82	0.99	3.37E-02	3.78E-02
6	rs11753837	26190747	A	0.10	0.10	G	0.99	0.84	1.15	8.58E-01	7.78E-01
6	rs1341758	26200518	T	0.05	0.05	C	1.10	0.89	1.36	3.89E-01	3.73E-01
6	rs3757135	26200707	A	0.15	0.14	G	1.02	0.90	1.17	7.33E-01	7.84E-01
6	rs2069018	26205718	G	0.15	0.15	A	1.01	0.89	1.15	8.69E-01	9.33E-01
6	rs989710	26206074	T	0.05	0.05	G	1.07	0.87	1.31	5.50E-01	5.45E-01
6	rs2022448	26207928	A	0.15	0.15	G	1.02	0.89	1.16	8.13E-01	8.77E-01
6	rs11755943	26211368	G	0.15	0.14	A	1.05	0.92	1.19	4.94E-01	5.66E-01
6	rs11753131	26219384	A	0.15	0.14	G	1.05	0.92	1.20	4.46E-01	5.16E-01
6	rs11754368	26221173	A	0.09	0.09	G	1.04	0.88	1.22	6.68E-01	7.73E-01
6	rs11757549	26231608	A	0.09	0.09	G	1.04	0.88	1.22	6.37E-01	7.37E-01
6	rs10946808	26233387	G	0.30	0.28	A	1.08	0.98	1.19	1.31E-01	1.10E-01
6	rs16891458	26234476	C	0.05	0.05	A	1.13	0.91	1.39	2.67E-01	2.70E-01
6	rs9358913	26239404	G	0.28	0.27	A	1.05	0.95	1.16	3.56E-01	3.11E-01
6	rs3734533	26240624	G	0.18	0.18	A	1.03	0.92	1.16	6.27E-01	6.91E-01
6	rs1000308	26244580	A	0.05	0.05	G	1.10	0.89	1.36	4.00E-01	4.11E-01
6	rs6913828	26246664	T	0.06	0.05	C	1.03	0.84	1.26	7.86E-01	7.92E-01
6	rs11753610	26251601	C	0.13	0.13	T	1.04	0.91	1.19	5.48E-01	5.93E-01
6	rs6935954	26255451	A	0.41	0.41	G	0.98	0.90	1.08	7.43E-01	8.15E-01
6	rs7773163	26267800	T	0.16	0.16	C	0.95	0.83	1.07	3.80E-01	3.03E-01
6	rs9393692	26276650	A	0.43	0.44	G	0.94	0.86	1.03	1.82E-01	2.08E-01
6	rs6939589	26289203	T	0.44	0.46	C	0.94	0.85	1.03	1.74E-01	1.83E-01
6	rs9379844	26291527	A	0.40	0.38	G	1.10	1.00	1.21	4.91E-02	4.04E-02
6	rs1883214	26306684	A	0.18	0.18	C	1.02	0.90	1.14	8.10E-01	8.29E-01
6	rs6923139	26313348	T	0.08	0.10	C	0.83	0.70	0.97	2.32E-02	1.90E-02
6	rs6903015	26322526	G	0.08	0.10	A	0.83	0.70	0.97	2.32E-02	1.89E-02
6	rs11754384	26322985	G	0.15	0.15	T	0.96	0.84	1.09	5.45E-01	4.71E-01
6	rs3778279	26325463	C	0.44	0.44	T	1.00	0.91	1.10	9.93E-01	9.75E-01
6	rs2179152	26325888	T	0.37	0.38	C	0.99	0.90	1.09	8.70E-01	9.08E-01
6	rs6939048	26327953	G	0.37	0.38	A	0.99	0.90	1.09	8.61E-01	8.96E-01

6	rs9358927	26330492	G	0.40	0.38	T	1.10	1.00	1.21	4.18E-02	3.35E-02
6	rs2893842	26338434	G	0.32	0.32	T	1.04	0.94	1.14	4.86E-01	4.52E-01
6	rs9358929	26341062	A	0.19	0.18	G	1.04	0.92	1.17	5.28E-01	5.97E-01
6	rs9467715	26341301	C	0.28	0.28	T	1.02	0.92	1.13	7.43E-01	6.75E-01
6	rs9461245	26354572	A	0.12	0.11	G	1.05	0.90	1.21	5.56E-01	5.08E-01
6	rs6933583	26355283	C	0.26	0.27	A	0.97	0.88	1.08	6.26E-01	7.17E-01
6	rs4712981	26361430	T	0.26	0.27	C	0.97	0.87	1.08	5.68E-01	6.55E-01
6	rs12199613	26367218	T	0.36	0.36	C	1.02	0.92	1.12	7.37E-01	6.56E-01
6	rs9379859	26369549	T	0.09	0.11	C	0.86	0.74	1.00	5.16E-02	5.89E-02
6	rs10946818	26371006	A	0.15	0.15	G	1.00	0.88	1.13	9.89E-01	9.00E-01
6	rs12176317	26372786	G	0.09	0.11	A	0.87	0.75	1.02	7.85E-02	8.67E-02
6	rs9379870	26374410	G	0.26	0.27	A	0.97	0.87	1.08	5.78E-01	6.57E-01
6	rs13218591	26376832	C	0.27	0.28	T	0.96	0.86	1.06	4.12E-01	4.84E-01
6	rs9461249	26383386	C	0.10	0.10	T	1.07	0.92	1.24	4.08E-01	4.33E-01
6	rs1796518	26388672	T	0.35	0.36	C	0.95	0.86	1.04	2.58E-01	2.68E-01
6	rs7756881	26389926	T	0.19	0.17	C	1.08	0.96	1.21	2.15E-01	2.18E-01
6	rs7356849	26396739	C	0.14	0.14	T	1.00	0.87	1.14	9.67E-01	9.92E-01
6	rs4712988	26399796	G	0.12	0.12	A	1.04	0.90	1.20	6.11E-01	5.48E-01
6	rs1741738	26401252	G	0.14	0.15	A	0.97	0.85	1.10	5.99E-01	5.59E-01
6	rs1796520	26410800	C	0.48	0.48	T	1.00	0.91	1.10	9.91E-01	9.86E-01
6	rs6900725	26413088	C	0.16	0.15	T	1.08	0.96	1.23	2.08E-01	1.72E-01
6	rs4712990	26413744	A	0.11	0.11	C	1.00	0.87	1.16	9.61E-01	9.18E-01
6	rs4320356	26423560	T	0.41	0.40	C	1.02	0.93	1.12	6.08E-01	5.71E-01
6	rs10946829	26426487	A	0.16	0.15	G	1.09	0.96	1.23	2.00E-01	1.66E-01
6	rs1741740	26428842	A	0.16	0.17	G	0.94	0.83	1.06	2.93E-01	2.68E-01
6	rs2893848	26430981	G	0.16	0.15	A	1.09	0.96	1.24	1.76E-01	1.46E-01
6	rs1624440	26433329	G	0.49	0.49	A	1.00	0.91	1.09	9.68E-01	9.71E-01
6	rs12208390	26437106	T	0.10	0.09	C	1.09	0.93	1.27	2.81E-01	2.74E-01
6	rs2281027	26446705	C	0.02	0.02	T	0.85	0.62	1.17	3.20E-01	2.85E-01
6	rs2237236	26451553	G	0.41	0.40	A	1.02	0.93	1.12	7.08E-01	6.65E-01
6	rs9295690	26456069	C	0.20	0.18	A	1.15	1.02	1.29	1.85E-02	1.77E-02
6	rs13195509	26463660	A	0.07	0.09	G	0.78	0.66	0.93	4.80E-03	5.05E-03
6	rs3799380	26467182	C	0.18	0.18	T	0.96	0.86	1.09	5.43E-01	5.70E-01
6	rs6927012	26471992	A	0.10	0.11	G	0.95	0.82	1.11	5.33E-01	4.75E-01

6	rs7763910	26472655	A	0.40	0.40	G	0.99	0.90	1.08	7.93E-01	7.52E-01
6	rs1407045	26476155	A	0.50	0.50	G	1.01	0.92	1.11	8.10E-01	8.49E-01
6	rs12208272	26477640	A	0.10	0.10	G	1.07	0.92	1.25	3.84E-01	3.82E-01
6	rs9358946	26478927	A	0.16	0.17	G	0.98	0.87	1.11	7.93E-01	8.34E-01
6	rs16891725	26479150	T	0.10	0.11	C	0.89	0.77	1.04	1.45E-01	1.58E-01
6	rs9357008	26479891	G	0.22	0.22	T	1.02	0.91	1.14	6.99E-01	7.66E-01
6	rs7756567	26481642	G	0.16	0.17	T	0.98	0.87	1.11	7.76E-01	8.19E-01
6	rs6456730	26484376	C	0.01	0.02	T	0.77	0.52	1.15	2.05E-01	1.80E-01
6	rs2093169	26495099	T	0.16	0.17	C	0.98	0.87	1.11	7.81E-01	8.24E-01
6	rs13194984	26500563	T	0.13	0.14	G	0.95	0.83	1.08	4.13E-01	4.25E-01
6	rs3736780	26505135	C	0.10	0.11	T	0.93	0.80	1.08	3.17E-01	2.92E-01
6	rs3736781	26505362	A	0.48	0.48	G	0.97	0.88	1.06	5.07E-01	5.20E-01
6	rs6911330	26524313	G	0.10	0.11	A	0.94	0.81	1.09	4.34E-01	4.10E-01
6	rs15580	26546048	C	0.10	0.11	T	0.92	0.80	1.07	3.03E-01	2.84E-01
6	rs9379892	26582414	G	0.21	0.21	A	1.00	0.90	1.12	9.51E-01	9.82E-01
6	rs9379895	26592707	G	0.20	0.19	A	1.02	0.90	1.14	8.00E-01	7.78E-01
6	rs12204145	26600156	A	0.10	0.09	G	1.10	0.94	1.28	2.40E-01	2.44E-01
6	rs9379897	26601526	C	0.09	0.10	T	0.90	0.77	1.05	1.72E-01	1.80E-01
6	rs12205310	26605864	T	0.14	0.15	G	0.93	0.81	1.06	2.46E-01	2.65E-01
6	rs6919391	26608325	G	0.37	0.37	A	1.00	0.91	1.10	9.48E-01	9.63E-01
6	rs6911476	26612363	T	0.01	0.01	C	0.83	0.52	1.32	4.34E-01	4.13E-01
6	rs2451731	26624822	G	0.43	0.43	T	0.99	0.90	1.08	7.87E-01	7.82E-01
6	rs2451741	26629404	G	0.43	0.43	A	0.99	0.90	1.08	8.11E-01	8.07E-01
6	rs2451753	26649018	C	0.38	0.37	T	1.01	0.92	1.11	8.97E-01	9.19E-01
6	rs2494711	26649421	T	0.38	0.37	C	1.01	0.92	1.11	8.93E-01	9.18E-01
6	rs12201890	26662626	C	0.10	0.09	A	1.10	0.95	1.28	2.14E-01	2.17E-01
6	rs7740197	26663478	G	0.19	0.19	A	1.00	0.89	1.13	9.61E-01	9.28E-01
6	rs6901497	26700509	A	0.06	0.05	G	1.27	1.05	1.54	1.62E-02	1.59E-02
6	rs2498399	26706544	C	0.41	0.42	T	0.96	0.88	1.06	4.49E-01	4.50E-01
6	rs9467847	26709591	C	0.27	0.27	T	1.01	0.91	1.12	8.55E-01	8.13E-01
6	rs3004047	26710391	A	0.14	0.14	G	1.05	0.92	1.20	4.85E-01	5.86E-01
6	rs4711122	26758479	T	0.26	0.25	C	1.03	0.92	1.14	6.25E-01	5.83E-01
6	rs9348738	26922906	C	0.12	0.11	T	1.04	0.90	1.20	6.14E-01	6.45E-01
6	rs9393777	26942027	C	0.12	0.13	T	0.95	0.83	1.09	4.68E-01	5.34E-01

6	rs10946888	26951678	T	0.42	0.41	C	1.05	0.95	1.15	3.53E-01	3.64E-01
6	rs7741445	26988992	T	0.10	0.10	G	1.01	0.87	1.18	8.99E-01	9.72E-01
6	rs4358615	26998567	A	0.32	0.32	G	1.01	0.91	1.11	8.56E-01	8.65E-01
6	rs4541737	27002821	T	0.09	0.08	C	1.15	0.98	1.35	8.82E-02	9.33E-02
6	rs12527111	27006475	C	0.42	0.41	T	1.05	0.96	1.15	2.94E-01	3.00E-01
6	rs12190473	27024687	T	0.19	0.20	C	0.93	0.82	1.04	1.93E-01	1.79E-01
6	rs6916301	27042258	T	0.13	0.10	C	1.25	1.08	1.44	2.44E-03	1.97E-03
6	rs6904071	27047256	A	0.15	0.16	G	0.95	0.84	1.08	4.43E-01	4.69E-01
6	rs994690	27047916	G	0.02	0.02	A	1.35	0.97	1.88	7.62E-02	9.06E-02
6	rs9368488	27052536	G	0.02	0.01	A	1.78	1.20	2.65	3.66E-03	5.08E-03
6	rs6921388	27080205	G	0.31	0.30	A	1.04	0.94	1.15	4.19E-01	4.06E-01
6	rs2393915	27080460	C	0.49	0.49	A	1.02	0.93	1.12	6.57E-01	6.87E-01
6	rs7745603	27090404	T	0.21	0.21	C	0.99	0.89	1.11	9.08E-01	9.63E-01
6	rs6913660	27091425	A	0.15	0.16	C	0.95	0.84	1.08	4.19E-01	4.44E-01
6	rs1321578	27104783	C	0.04	0.04	A	1.02	0.81	1.29	8.54E-01	8.66E-01
6	rs12193820	27113811	G	0.09	0.08	A	1.13	0.96	1.32	1.45E-01	1.54E-01
6	rs9295730	27128806	C	0.31	0.30	T	1.05	0.95	1.16	3.65E-01	3.60E-01
6	rs1028308	27129757	T	0.31	0.30	C	1.05	0.95	1.16	3.43E-01	3.39E-01
6	rs858972	27154361	A	0.19	0.18	G	1.12	0.99	1.26	6.15E-02	7.34E-02
6	rs1102563	27160095	A	0.25	0.24	G	1.10	0.98	1.22	9.62E-02	1.08E-01
6	rs7755577	27171437	C	0.12	0.11	T	1.06	0.92	1.22	4.50E-01	5.08E-01
6	rs12210982	27174235	T	0.06	0.06	C	0.91	0.75	1.10	3.33E-01	3.43E-01
6	rs858985	27178028	A	0.10	0.09	G	1.16	0.99	1.35	6.30E-02	6.24E-02
6	rs12153912	27179829	A	0.09	0.08	G	1.14	0.97	1.34	1.19E-01	1.28E-01
6	rs13219354	27185664	C	0.09	0.11	T	0.80	0.68	0.93	3.97E-03	3.62E-03
6	rs1156086	27187355	G	0.27	0.26	A	1.06	0.96	1.18	2.65E-01	2.83E-01
6	rs996247	27193095	A	0.27	0.26	G	1.07	0.96	1.19	2.15E-01	2.29E-01
6	rs6918423	27194072	G	0.17	0.17	T	1.00	0.89	1.13	9.55E-01	1.00E+00
6	rs3800312	27210614	A	0.17	0.17	C	1.01	0.89	1.14	9.19E-01	9.56E-01
6	rs9393796	27226965	G	0.10	0.10	T	1.11	0.95	1.28	1.93E-01	2.31E-01
6	rs11758636	27229561	A	0.05	0.05	G	0.97	0.79	1.19	7.63E-01	8.41E-01
6	rs9295732	27230815	C	0.02	0.02	T	0.94	0.68	1.29	6.81E-01	6.01E-01
6	rs6915678	27235866	G	0.33	0.34	T	0.98	0.89	1.08	6.54E-01	6.44E-01
6	rs17687319	27238000	C	0.08	0.08	T	1.01	0.85	1.20	9.16E-01	8.94E-01

6	rs6917419	27243480	T	0.11	0.10	C	1.10	0.94	1.27	2.29E-01	2.66E-01
6	rs9379968	27244590	A	0.46	0.46	G	1.01	0.92	1.11	7.92E-01	8.03E-01
6	rs6932590	27248931	C	0.23	0.24	T	0.93	0.83	1.03	1.74E-01	1.98E-01
6	rs7746199	27261324	T	0.15	0.17	C	0.86	0.76	0.97	1.70E-02	1.46E-02
6	rs7771953	27271343	A	0.41	0.42	G	0.95	0.86	1.04	2.55E-01	2.39E-01
6	rs9379976	27298200	C	0.24	0.23	T	1.05	0.94	1.17	3.66E-01	3.85E-01
6	rs9379977	27298279	C	0.24	0.23	T	1.06	0.95	1.18	3.22E-01	3.39E-01
6	rs721600	27298905	A	0.25	0.23	G	1.08	0.97	1.21	1.52E-01	1.66E-01
6	rs1156457	27300580	C	0.13	0.14	T	0.90	0.79	1.04	1.46E-01	1.44E-01
6	rs9461362	27303927	T	0.16	0.16	C	1.03	0.91	1.17	6.43E-01	6.49E-01
6	rs9461366	27310533	A	0.40	0.38	G	1.08	0.98	1.19	1.05E-01	9.48E-02
6	rs1011665	27332298	G	0.45	0.43	A	1.10	1.00	1.21	4.27E-02	3.71E-02
6	rs6914864	27336489	T	0.36	0.36	C	0.98	0.89	1.08	6.65E-01	7.00E-01
6	rs9468076	27338890	T	0.21	0.19	C	1.10	0.98	1.23	1.11E-01	1.26E-01
6	rs1883403	27350329	G	0.46	0.43	A	1.11	1.01	1.22	2.53E-02	2.16E-02
6	rs2143062	27353852	A	0.23	0.22	G	1.05	0.94	1.18	3.63E-01	3.03E-01
6	rs13220817	27356527	T	0.46	0.43	C	1.11	1.01	1.22	2.73E-02	2.41E-02
6	rs10807020	27356902	A	0.25	0.24	G	1.07	0.96	1.19	2.26E-01	1.79E-01
6	rs10807021	27356925	T	0.25	0.24	G	1.07	0.96	1.19	2.08E-01	1.65E-01
6	rs2206251	27358392	C	0.25	0.24	T	1.07	0.96	1.19	2.29E-01	1.81E-01
6	rs2076305	27375611	T	0.31	0.32	G	0.97	0.88	1.08	6.11E-01	6.98E-01
6	rs6938943	27376910	G	0.36	0.37	A	0.95	0.86	1.04	2.75E-01	3.18E-01
6	rs7744655	27384069	A	0.01	0.01	G	0.70	0.45	1.08	1.06E-01	1.01E-01
6	rs6456785	27390399	T	0.43	0.43	G	0.99	0.90	1.08	8.00E-01	8.22E-01
6	rs6926142	27395764	T	0.44	0.45	C	0.97	0.89	1.07	5.36E-01	5.53E-01
6	rs1569566	27400031	G	0.35	0.36	T	0.95	0.86	1.05	3.12E-01	3.55E-01
6	rs760880	27408181	C	0.34	0.35	A	0.95	0.86	1.05	3.12E-01	3.57E-01
6	rs7772160	27412386	C	0.44	0.45	T	0.97	0.89	1.07	5.64E-01	5.78E-01
6	rs1883216	27425185	C	0.36	0.36	A	0.97	0.88	1.06	4.82E-01	5.35E-01
6	rs10946921	27431855	A	0.29	0.28	C	1.07	0.96	1.18	2.23E-01	1.92E-01
6	rs7761966	27445703	T	0.47	0.47	C	1.00	0.91	1.10	9.97E-01	9.82E-01
6	rs4713108	27458013	A	0.37	0.35	G	1.09	0.99	1.20	7.31E-02	7.16E-02
6	rs10456051	27463436	C	0.08	0.07	T	1.13	0.95	1.34	1.64E-01	2.00E-01
6	rs16867808	27463684	C	0.09	0.08	T	1.09	0.92	1.28	3.26E-01	3.17E-01

6	rs6903282	27466712	A	0.37	0.35	G	1.09	0.99	1.20	6.62E-02	6.49E-02
6	rs12189640	27474657	C	0.08	0.07	T	1.13	0.95	1.34	1.80E-01	2.18E-01
6	rs2205829	27480227	G	0.48	0.45	A	1.11	1.02	1.22	2.12E-02	2.19E-02
6	rs2205831	27480308	C	0.38	0.36	T	1.10	1.00	1.20	6.09E-02	6.06E-02
6	rs6918131	27480917	G	0.30	0.29	A	1.06	0.96	1.17	2.50E-01	2.19E-01
6	rs970668	27488602	T	0.11	0.12	C	0.91	0.79	1.06	2.27E-01	2.22E-01
6	rs6904596	27491299	A	0.07	0.10	G	0.71	0.60	0.84	6.80E-05	8.08E-05
6	rs2064092	27511371	A	0.08	0.08	C	0.94	0.79	1.12	4.82E-01	4.76E-01
6	rs6934794	27519345	A	0.19	0.20	G	0.94	0.84	1.06	3.26E-01	3.30E-01
6	rs6908024	27526897	G	0.11	0.12	A	0.91	0.79	1.06	2.30E-01	2.29E-01
6	rs10484399	27534528	G	0.07	0.09	A	0.71	0.59	0.84	9.40E-05	1.25E-04
6	rs6903982	27545744	C	0.07	0.08	T	0.92	0.77	1.09	3.30E-01	2.91E-01
6	rs7774939	27547792	A	0.20	0.21	C	0.94	0.84	1.05	2.76E-01	2.71E-01
6	rs4713113	27555126	A	0.20	0.21	G	0.93	0.83	1.04	2.06E-01	2.01E-01
6	rs10946940	27560587	A	0.35	0.37	G	0.89	0.81	0.98	2.18E-02	2.08E-02
6	rs9461392	27566169	T	0.11	0.12	C	0.90	0.78	1.04	1.62E-01	1.67E-01
6	rs2143082	27601587	G	0.12	0.13	A	0.93	0.81	1.07	3.10E-01	3.12E-01
6	rs6917366	27634640	T	0.18	0.17	C	1.09	0.97	1.23	1.54E-01	1.88E-01
6	rs9368521	27645278	C	0.09	0.09	T	1.02	0.86	1.19	8.60E-01	8.88E-01
6	rs1010261	27655564	A	0.02	0.02	G	1.03	0.72	1.48	8.55E-01	8.56E-01
6	rs9348772	27656090	T	0.31	0.33	G	0.91	0.83	1.01	6.71E-02	5.64E-02
6	rs10946943	27656255	A	0.09	0.09	G	1.01	0.86	1.19	9.01E-01	9.31E-01
6	rs9380006	27656499	C	0.17	0.16	A	1.09	0.96	1.23	1.74E-01	2.09E-01
6	rs6920044	27657647	A	0.09	0.09	G	1.02	0.87	1.20	8.15E-01	8.44E-01
6	rs9380007	27660508	C	0.36	0.37	T	0.95	0.87	1.05	3.03E-01	2.74E-01
6	rs12663707	27668013	A	0.09	0.09	G	1.02	0.87	1.19	8.36E-01	8.65E-01
6	rs17749927	27669976	G	0.07	0.09	A	0.71	0.60	0.85	1.34E-04	1.79E-04
6	rs2393997	27670697	T	0.13	0.11	G	1.23	1.07	1.41	3.37E-03	2.40E-03
6	rs10484400	27670917	C	0.09	0.09	T	1.02	0.87	1.19	8.36E-01	8.65E-01
6	rs4713118	27676794	G	0.24	0.26	A	0.92	0.83	1.02	1.13E-01	1.05E-01
6	rs9380010	27683572	G	0.22	0.24	A	0.91	0.82	1.02	9.12E-02	8.37E-02
6	rs9295740	27689502	A	0.16	0.18	G	0.83	0.73	0.94	2.95E-03	3.14E-03
6	rs9468209	27694421	T	0.36	0.37	C	0.96	0.87	1.05	3.83E-01	3.54E-01
6	rs9468213	27706180	A	0.32	0.33	G	0.94	0.86	1.04	2.34E-01	2.24E-01

6	rs4713119	27712825	G	0.14	0.11	A	1.23	1.07	1.41	3.73E-03	2.80E-03
6	rs9283880	27715243	C	0.23	0.25	A	0.92	0.83	1.03	1.42E-01	1.40E-01
6	rs4713120	27721835	A	0.35	0.36	C	0.97	0.88	1.06	4.73E-01	4.32E-01
6	rs7776351	27726731	T	0.23	0.25	C	0.93	0.83	1.03	1.76E-01	1.71E-01
6	rs9295746	27730064	C	0.22	0.23	T	0.92	0.82	1.02	1.26E-01	1.20E-01
6	rs742047	27739380	G	0.21	0.23	A	0.91	0.82	1.02	9.77E-02	9.43E-02
6	rs6915101	27741682	T	0.01	0.01	C	1.08	0.73	1.59	7.05E-01	6.65E-01
6	rs9468226	27746178	G	0.04	0.04	A	1.05	0.83	1.33	6.75E-01	6.80E-01
6	rs9295749	27767395	T	0.06	0.06	C	0.98	0.81	1.19	8.57E-01	8.50E-01
6	rs9461412	27771654	C	0.04	0.04	T	1.06	0.84	1.34	6.15E-01	6.19E-01
6	rs200479	27771684	C	0.02	0.02	T	1.14	0.84	1.55	3.94E-01	3.38E-01
6	rs200480	27773664	C	0.32	0.32	T	1.00	0.90	1.10	9.48E-01	9.21E-01
6	rs9295750	27784428	G	0.07	0.08	A	0.95	0.80	1.13	5.58E-01	5.46E-01
6	rs12196939	27787990	A	0.17	0.17	G	0.99	0.87	1.11	8.14E-01	7.90E-01
6	rs175597	27810626	G	0.08	0.11	A	0.76	0.65	0.89	8.48E-04	1.10E-03
6	rs200997	27811815	T	0.28	0.28	C	1.00	0.90	1.10	9.37E-01	9.30E-01
6	rs200991	27815494	T	0.13	0.15	G	0.82	0.71	0.93	2.79E-03	3.52E-03
6	rs13194781	27815639	G	0.07	0.09	A	0.72	0.60	0.85	1.72E-04	2.22E-04
6	rs9461416	27825860	A	0.04	0.04	G	0.98	0.78	1.23	8.65E-01	8.79E-01
6	rs200951	27835930	G	0.25	0.25	A	1.01	0.90	1.12	9.20E-01	9.12E-01
6	rs200953	27837267	C	0.08	0.11	T	0.76	0.65	0.89	7.16E-04	9.13E-04
6	rs510987	27847517	A	0.25	0.24	G	1.02	0.92	1.14	6.75E-01	6.77E-01
6	rs200969	27859453	G	0.20	0.21	A	0.96	0.85	1.07	4.41E-01	4.29E-01
6	rs200968	27859568	G	0.15	0.16	A	0.94	0.82	1.06	3.06E-01	2.92E-01
6	rs1873213	27869321	C	0.03	0.03	A	1.15	0.88	1.49	3.10E-01	3.11E-01
6	rs9468254	27884916	A	0.04	0.03	G	1.16	0.90	1.49	2.47E-01	2.44E-01
6	rs731132	27885356	G	0.38	0.39	T	0.93	0.84	1.02	1.11E-01	9.41E-02
6	rs2130357	27886830	T	0.25	0.23	C	1.11	1.00	1.23	5.97E-02	7.26E-02
6	rs6933825	27890631	G	0.13	0.13	A	1.04	0.91	1.19	5.81E-01	5.99E-01
6	rs156737	27895213	C	0.35	0.35	T	1.01	0.91	1.11	8.89E-01	8.97E-01
6	rs9468256	27895504	A	0.13	0.13	G	1.04	0.91	1.19	5.81E-01	5.99E-01
6	rs6910968	27904181	T	0.09	0.09	C	0.92	0.78	1.08	3.04E-01	2.69E-01
6	rs7767176	27925367	A	0.07	0.08	G	0.94	0.79	1.12	5.07E-01	4.56E-01
6	rs9380030	27925827	G	0.03	0.02	A	1.15	0.86	1.54	3.46E-01	2.80E-01

6	rs2116984	27932762	A	0.13	0.12	C	1.07	0.93	1.22	3.58E-01	3.80E-01
6	rs13214703	27941387	C	0.08	0.08	T	0.98	0.83	1.16	8.33E-01	8.27E-01
6	rs12332927	27955115	C	0.12	0.11	T	1.11	0.97	1.28	1.35E-01	1.57E-01
6	rs9357054	27957079	C	0.04	0.03	T	1.30	1.01	1.68	4.18E-02	4.43E-02
6	rs16893540	27958111	A	0.04	0.04	C	1.03	0.81	1.30	8.36E-01	8.11E-01
6	rs149971	27982152	A	0.36	0.36	G	1.01	0.92	1.11	8.60E-01	8.59E-01
6	rs149990	27998258	A	0.10	0.12	G	0.83	0.71	0.96	1.21E-02	1.64E-02
6	rs17709145	28004556	G	0.06	0.06	T	0.94	0.78	1.14	5.34E-01	6.75E-01
6	rs2394044	28008331	C	0.05	0.04	T	1.25	1.00	1.57	4.91E-02	4.97E-02
6	rs149900	28014597	T	0.21	0.22	C	0.96	0.86	1.07	4.68E-01	4.94E-01
6	rs9393879	28018944	A	0.05	0.04	G	1.19	0.96	1.47	1.16E-01	1.25E-01
6	rs203888	28021589	A	0.21	0.22	G	0.95	0.85	1.06	3.90E-01	4.01E-01
6	rs203890	28022248	C	0.21	0.22	T	0.96	0.86	1.07	4.64E-01	4.73E-01
6	rs9468276	28027688	C	0.22	0.22	A	0.97	0.87	1.08	5.89E-01	6.14E-01
6	rs149951	28033087	C	0.27	0.27	T	1.01	0.91	1.12	8.35E-01	8.26E-01
6	rs149957	28037020	T	0.08	0.07	G	1.10	0.93	1.31	2.51E-01	2.90E-01
6	rs203877	28048624	C	0.27	0.26	T	1.03	0.93	1.15	5.25E-01	5.27E-01
6	rs17767294	28054198	G	0.09	0.08	A	1.18	1.00	1.39	4.60E-02	5.27E-02
6	rs10484404	28055495	T	0.10	0.10	C	0.99	0.85	1.16	9.37E-01	8.80E-01
6	rs3734572	28059458	G	0.04	0.04	A	0.92	0.72	1.17	4.87E-01	4.91E-01
6	rs13197574	28060239	C	0.07	0.09	T	0.77	0.64	0.92	3.26E-03	4.05E-03
6	rs203885	28076886	A	0.05	0.04	G	1.20	0.97	1.49	8.79E-02	1.09E-01
6	rs1654774	28096280	C	0.42	0.40	T	1.07	0.97	1.17	1.75E-01	1.70E-01
6	rs6929559	28134106	C	0.09	0.10	T	0.99	0.85	1.15	8.77E-01	8.16E-01
6	rs9393902	28137730	G	0.04	0.04	A	1.15	0.92	1.45	2.23E-01	1.84E-01
6	rs9380064	28143118	G	0.11	0.13	A	0.86	0.74	0.99	3.21E-02	4.50E-02
6	rs1150683	28155314	T	0.05	0.04	C	1.20	0.97	1.48	8.88E-02	1.10E-01
6	rs1233708	28173219	A	0.27	0.27	G	1.04	0.94	1.15	4.52E-01	4.25E-01
6	rs1233665	28178512	G	0.13	0.13	A	1.06	0.92	1.21	4.27E-01	4.84E-01
6	rs1150699	28181675	T	0.13	0.13	C	1.05	0.91	1.20	5.26E-01	6.08E-01
6	rs1150704	28184371	C	0.13	0.13	A	1.05	0.91	1.20	5.26E-01	6.05E-01
6	rs1233664	28185726	A	0.13	0.13	G	1.04	0.91	1.19	5.44E-01	6.24E-01
6	rs1736894	28186554	T	0.13	0.13	G	1.05	0.91	1.20	5.27E-01	6.00E-01
6	rs1736890	28189389	C	0.13	0.13	T	1.04	0.91	1.20	5.31E-01	6.09E-01

6	rs9380069	28203300	G	0.11	0.12	A	0.90	0.78	1.04	1.35E-01	1.70E-01
6	rs11752073	28204793	T	0.10	0.09	G	1.02	0.87	1.19	8.55E-01	9.10E-01
6	rs9295768	28209102	A	0.17	0.17	G	0.99	0.87	1.12	8.37E-01	9.43E-01
6	rs967005	28210688	A	0.17	0.17	G	0.98	0.87	1.11	7.85E-01	8.88E-01
6	rs7757215	28212489	A	0.05	0.04	C	1.24	1.00	1.53	4.86E-02	4.40E-02
6	rs1233710	28215446	T	0.05	0.04	C	1.19	0.96	1.47	1.15E-01	1.15E-01
6	rs2235359	28215641	C	0.14	0.15	A	0.96	0.84	1.09	5.07E-01	4.55E-01
6	rs12214383	28223731	T	0.40	0.39	C	1.02	0.93	1.13	6.29E-01	6.22E-01
6	rs12000	28227436	G	0.20	0.19	A	1.04	0.92	1.16	5.46E-01	5.93E-01
6	rs1635	28227604	T	0.06	0.05	G	1.25	1.02	1.52	2.81E-02	2.98E-02
6	rs9461446	28227633	T	0.05	0.04	C	1.09	0.87	1.36	4.38E-01	3.76E-01
6	rs1778507	28230717	A	0.05	0.04	G	1.07	0.86	1.34	5.23E-01	4.54E-01
6	rs2179174	28238969	C	0.20	0.19	T	1.05	0.93	1.17	4.46E-01	4.96E-01
6	rs1419183	28242794	G	0.12	0.14	T	0.90	0.78	1.03	1.16E-01	1.61E-01
6	rs1150724	28250236	A	0.32	0.33	G	0.97	0.88	1.07	5.38E-01	5.74E-01
6	rs13211507	28257377	C	0.07	0.09	T	0.77	0.65	0.92	3.95E-03	5.07E-03
6	rs9461448	28263721	G	0.05	0.04	T	1.06	0.85	1.31	6.25E-01	5.93E-01
6	rs3800324	28264681	A	0.06	0.04	G	1.31	1.07	1.62	9.89E-03	9.91E-03
6	rs2743554	28265640	C	0.06	0.05	T	1.09	0.89	1.33	4.15E-01	3.63E-01
6	rs2281043	28268497	A	0.12	0.12	G	1.03	0.89	1.18	7.01E-01	7.74E-01
6	rs1997660	28269663	C	0.30	0.30	T	1.01	0.91	1.12	8.50E-01	8.30E-01
6	rs853693	28282648	T	0.30	0.30	C	1.01	0.92	1.12	8.18E-01	7.95E-01
6	rs853690	28285482	T	0.30	0.30	C	1.01	0.91	1.11	8.82E-01	8.58E-01
6	rs742107	28290714	G	0.06	0.04	T	1.31	1.06	1.61	1.07E-02	1.09E-02
6	rs853684	28294550	G	0.38	0.36	A	1.07	0.97	1.17	1.84E-01	1.90E-01
6	rs853679	28296863	T	0.13	0.14	G	0.89	0.78	1.02	1.00E-01	1.27E-01
6	rs853676	28299687	A	0.13	0.14	G	0.89	0.78	1.02	9.76E-02	1.24E-01
6	rs17312661	28300336	G	0.15	0.17	A	0.86	0.76	0.97	1.75E-02	1.85E-02
6	rs7772827	28301143	C	0.25	0.25	T	1.00	0.90	1.11	9.93E-01	9.82E-01
6	rs1416920	28302784	C	0.25	0.25	T	0.98	0.89	1.09	7.71E-01	7.62E-01
6	rs6912584	28309590	C	0.20	0.21	T	0.94	0.84	1.05	2.62E-01	2.59E-01
6	rs213240	28315875	C	0.37	0.36	T	1.06	0.96	1.17	2.26E-01	2.45E-01
6	rs1474589	28321544	A	0.12	0.12	C	0.99	0.86	1.15	9.40E-01	8.37E-01
6	rs6922111	28325308	T	0.18	0.21	C	0.88	0.78	0.99	2.84E-02	2.49E-02

6	rs213230	28330264	G	0.23	0.24	A	0.93	0.83	1.03	1.61E-01	1.34E-01
6	rs213228	28331252	G	0.29	0.29	T	0.98	0.89	1.09	7.60E-01	7.34E-01
6	rs12661831	28337769	A	0.11	0.11	G	0.98	0.85	1.14	8.08E-01	7.51E-01
6	rs7774981	28346910	C	0.22	0.24	T	0.91	0.82	1.02	9.01E-02	8.49E-02
6	rs1556957	28349926	C	0.05	0.05	T	1.15	0.93	1.41	2.00E-01	2.49E-01
6	rs3799499	28354250	A	0.22	0.24	C	0.91	0.81	1.01	8.75E-02	8.30E-02
6	rs1361385	28358320	C	0.28	0.29	T	0.95	0.86	1.05	3.33E-01	2.95E-01
6	rs2232434	28358893	G	0.05	0.05	A	1.15	0.93	1.41	1.98E-01	2.47E-01
6	rs2232430	28359186	A	0.08	0.07	G	1.25	1.05	1.49	1.07E-02	1.28E-02
6	rs2232422	28366262	T	0.09	0.09	C	0.98	0.84	1.16	8.36E-01	7.88E-01
6	rs2232419	28367768	T	0.05	0.04	C	1.11	0.88	1.38	3.78E-01	4.45E-01
6	rs10484540	28387443	G	0.05	0.05	A	1.16	0.94	1.43	1.61E-01	2.03E-01
6	rs3800328	28390843	T	0.27	0.29	C	0.94	0.85	1.05	2.73E-01	2.35E-01
6	rs2859365	28391465	G	0.38	0.37	A	1.05	0.95	1.15	3.44E-01	3.86E-01
6	rs11752919	28403603	C	0.36	0.37	T	0.94	0.85	1.04	2.08E-01	1.68E-01
6	rs719370	28404353	T	0.02	0.01	C	1.43	0.99	2.07	5.26E-02	3.71E-02
6	rs916403	28408258	G	0.46	0.45	A	1.03	0.94	1.13	4.86E-01	5.54E-01
6	rs13190937	28411244	A	0.30	0.32	G	0.91	0.82	1.01	6.41E-02	5.45E-02
6	rs13215804	28415572	G	0.30	0.32	A	0.91	0.82	1.01	6.17E-02	5.22E-02
6	rs6903535	28417222	G	0.36	0.37	A	0.94	0.85	1.03	2.06E-01	1.64E-01
6	rs2531809	28421368	A	0.16	0.13	G	1.21	1.07	1.38	2.79E-03	3.62E-03
6	rs2859369	28421567	T	0.10	0.08	C	1.20	1.03	1.41	2.20E-02	2.30E-02
6	rs2859374	28428145	T	0.16	0.13	C	1.23	1.08	1.40	1.45E-03	1.91E-03
6	rs2531815	28436060	T	0.31	0.28	C	1.13	1.02	1.25	1.50E-02	2.00E-02
6	rs12663002	28441634	T	0.14	0.12	C	1.26	1.10	1.44	7.69E-04	1.20E-03
6	rs1029328	28447915	C	0.12	0.13	T	0.96	0.84	1.11	5.93E-01	5.77E-01
6	rs1015811	28448086	G	0.27	0.25	A	1.11	1.00	1.23	5.37E-02	6.63E-02
6	rs7770236	28450437	A	0.07	0.06	G	1.21	1.01	1.45	3.84E-02	4.55E-02
6	rs2859355	28461221	T	0.33	0.32	C	1.03	0.93	1.14	5.54E-01	6.67E-01
6	rs2191037	28466988	C	0.18	0.17	T	1.08	0.96	1.22	2.18E-01	2.52E-01
6	rs406113	28483482	C	0.33	0.32	A	1.03	0.93	1.14	5.43E-01	6.54E-01
6	rs11757000	28484869	C	0.15	0.15	T	0.96	0.84	1.09	5.40E-01	4.60E-01
6	rs445870	28494327	G	0.31	0.30	A	1.01	0.91	1.12	8.69E-01	9.76E-01
6	rs2064424	28495962	C	0.09	0.09	T	1.01	0.86	1.19	8.97E-01	9.75E-01

6	rs380879	28500449	G	0.09	0.10	T	0.97	0.83	1.13	7.02E-01	6.37E-01
6	rs448450	28501006	C	0.09	0.10	A	0.97	0.83	1.13	7.02E-01	6.37E-01
6	rs451774	28502550	G	0.29	0.29	A	1.02	0.92	1.13	6.61E-01	7.69E-01
6	rs13215054	28502794	A	0.21	0.23	C	0.90	0.81	1.01	7.64E-02	7.75E-02
6	rs392230	28504639	G	0.13	0.13	A	1.00	0.87	1.14	9.45E-01	8.54E-01
6	rs2394102	28512017	G	0.11	0.11	A	0.99	0.86	1.15	8.96E-01	8.88E-01
6	rs393414	28521316	T	0.22	0.22	C	1.01	0.91	1.13	8.22E-01	9.65E-01
6	rs4711174	28532960	A	0.09	0.10	G	0.90	0.77	1.06	2.22E-01	1.81E-01
6	rs442439	28573006	A	0.31	0.32	G	0.96	0.87	1.06	3.91E-01	3.70E-01
6	rs911178	28574415	T	0.08	0.08	C	1.05	0.89	1.24	5.84E-01	6.56E-01
6	rs13193532	28622914	G	0.11	0.13	A	0.81	0.70	0.94	3.87E-03	4.64E-03
6	rs9295775	28627469	G	0.16	0.17	A	0.99	0.87	1.12	8.19E-01	7.14E-01
6	rs13194504	28630691	A	0.07	0.09	G	0.77	0.65	0.92	3.93E-03	5.12E-03
6	rs7767008	28630793	G	0.26	0.26	T	0.98	0.88	1.09	7.28E-01	7.20E-01
6	rs4713175	28635592	A	0.09	0.10	C	0.88	0.75	1.03	9.92E-02	9.14E-02
6	rs3864294	28641957	G	0.41	0.39	A	1.06	0.97	1.17	1.98E-01	1.71E-01
6	rs9393921	28645170	T	0.44	0.45	G	0.94	0.85	1.03	1.68E-01	1.32E-01
6	rs9885928	28650353	A	0.44	0.46	G	0.94	0.86	1.03	1.78E-01	1.42E-01
6	rs1319075	28662521	C	0.42	0.44	T	0.94	0.86	1.04	2.32E-01	1.92E-01
6	rs7382112	28665109	G	0.41	0.42	A	0.97	0.88	1.06	4.98E-01	4.41E-01
6	rs6939576	28669315	A	0.28	0.29	G	0.98	0.88	1.08	6.46E-01	6.45E-01
6	rs1107159	28671723	C	0.08	0.08	T	0.98	0.82	1.16	7.81E-01	7.70E-01
6	rs9366725	28685981	C	0.47	0.48	T	0.96	0.88	1.06	4.22E-01	3.57E-01
6	rs6909960	28688921	A	0.08	0.08	G	0.97	0.82	1.15	7.36E-01	7.24E-01
6	rs9468413	28689672	C	0.14	0.15	A	0.90	0.79	1.03	1.34E-01	1.56E-01
6	rs1954407	28695149	G	0.10	0.09	T	1.09	0.93	1.27	2.98E-01	3.37E-01
6	rs7755641	28699369	C	0.05	0.06	T	0.87	0.70	1.07	1.81E-01	1.85E-01
6	rs6456834	28700352	T	0.14	0.15	G	0.91	0.80	1.04	1.57E-01	1.82E-01
6	rs7766599	28703432	T	0.06	0.07	C	0.86	0.71	1.04	1.15E-01	1.23E-01
6	rs1233579	28712663	G	0.07	0.09	A	0.76	0.64	0.91	2.06E-03	2.66E-03
6	rs1233585	28716345	G	0.15	0.17	A	0.85	0.74	0.96	9.80E-03	1.12E-02
6	rs1233602	28733403	G	0.50	0.50	A	1.00	0.92	1.10	9.40E-01	8.40E-01
6	rs1233615	28739584	A	0.47	0.47	C	0.99	0.90	1.08	7.74E-01	6.89E-01
6	rs1233621	28747643	C	0.46	0.47	T	0.98	0.89	1.07	5.93E-01	5.05E-01

6	rs1233627	28751727	C	0.49	0.49	T	0.99	0.90	1.08	7.95E-01	6.81E-01
6	rs9257181	28754520	T	0.29	0.28	C	1.04	0.94	1.15	4.94E-01	6.28E-01
6	rs1810750	28762999	C	0.04	0.05	T	0.87	0.69	1.10	2.44E-01	2.66E-01
6	rs7767099	28768698	T	0.07	0.09	C	0.77	0.65	0.92	3.42E-03	4.50E-03
6	rs4324798	28776117	A	0.07	0.09	G	0.77	0.65	0.92	3.14E-03	4.11E-03
6	rs209181	28792477	T	0.11	0.14	C	0.80	0.70	0.92	2.32E-03	3.10E-03
6	rs4713182	28833225	A	0.09	0.09	G	1.04	0.88	1.22	6.79E-01	7.69E-01
6	rs3131093	28837437	T	0.07	0.09	C	0.77	0.65	0.92	3.27E-03	4.34E-03
6	rs209160	28839879	C	0.50	0.50	T	0.98	0.90	1.08	6.98E-01	5.72E-01
6	rs209152	28846462	C	0.47	0.48	T	0.98	0.89	1.07	6.53E-01	5.49E-01
6	rs1016472	28851367	C	0.28	0.27	T	1.03	0.93	1.14	5.69E-01	6.87E-01
6	rs9257319	28851637	G	0.16	0.16	T	1.02	0.90	1.15	7.79E-01	9.33E-01
6	rs209139	28863483	T	0.05	0.06	G	0.94	0.77	1.16	5.61E-01	5.97E-01
6	rs2269553	28876509	A	0.22	0.21	G	1.06	0.95	1.18	3.38E-01	4.46E-01
6	rs2894066	28893927	A	0.37	0.38	G	0.97	0.88	1.06	4.81E-01	4.12E-01
6	rs3763338	28894311	T	0.09	0.09	C	1.05	0.89	1.23	5.75E-01	6.51E-01
6	rs2071790	28911802	T	0.49	0.49	C	0.99	0.90	1.08	7.87E-01	6.60E-01
6	rs2071789	28912076	A	0.16	0.16	G	1.03	0.91	1.17	6.53E-01	8.01E-01
6	rs2071788	28912307	A	0.09	0.09	G	1.04	0.88	1.22	6.39E-01	7.32E-01
6	rs9257403	28916972	T	0.32	0.31	C	1.06	0.96	1.17	2.37E-01	3.50E-01
6	rs1476016	28922719	T	0.49	0.49	C	0.98	0.90	1.08	7.31E-01	6.08E-01
6	rs9257425	28936556	G	0.29	0.28	A	1.06	0.96	1.17	2.77E-01	3.35E-01
6	rs3135322	28946920	G	0.49	0.49	A	0.98	0.89	1.08	6.78E-01	5.61E-01
6	rs3130837	28948092	T	0.07	0.09	G	0.78	0.65	0.92	3.83E-03	4.99E-03
6	rs3129791	28954293	A	0.07	0.09	G	0.78	0.66	0.92	4.22E-03	5.62E-03
6	rs6456880	28963248	G	0.42	0.40	T	1.07	0.97	1.17	1.68E-01	2.39E-01
6	rs9257453	28968930	G	0.09	0.08	A	1.22	1.04	1.44	1.68E-02	2.47E-02
6	rs9295784	28969148	C	0.04	0.05	A	0.92	0.74	1.14	4.41E-01	4.88E-01
6	rs6923005	28976071	C	0.25	0.24	T	1.10	0.99	1.22	8.35E-02	1.09E-01
6	rs3130893	28980707	G	0.07	0.09	A	0.78	0.65	0.92	4.15E-03	5.52E-03
6	rs6930903	28981244	G	0.25	0.24	A	1.10	0.99	1.22	8.72E-02	1.13E-01
6	rs2394512	28992184	G	0.41	0.40	A	1.05	0.96	1.16	2.68E-01	3.63E-01
6	rs7741520	28994570	G	0.24	0.22	A	1.09	0.98	1.22	1.01E-01	1.29E-01
6	rs10484544	28995719	C	0.16	0.16	T	0.99	0.88	1.12	9.02E-01	7.98E-01

6	rs16894557	28999826	A	0.08	0.09	G	0.86	0.73	1.02	7.47E-02	5.52E-02
6	rs6456889	29010824	C	0.24	0.23	T	1.09	0.98	1.22	1.06E-01	1.33E-01
6	rs7341218	29012116	A	0.16	0.16	G	0.99	0.88	1.12	8.65E-01	7.40E-01
6	rs2143574	29014026	T	0.41	0.39	C	1.05	0.96	1.15	3.19E-01	4.32E-01
6	rs9501294	29021017	A	0.16	0.16	G	1.03	0.91	1.17	6.61E-01	6.89E-01
6	rs7747023	29025680	G	0.16	0.16	A	1.03	0.91	1.16	6.89E-01	7.19E-01
6	rs3117143	29031142	A	0.07	0.09	C	0.78	0.66	0.93	5.51E-03	7.05E-03
6	rs9348821	29047203	G	0.16	0.16	A	1.04	0.91	1.18	5.79E-01	5.99E-01
6	rs7752270	29053998	A	0.08	0.07	G	1.20	1.01	1.42	4.24E-02	5.93E-02
6	rs2142905	29064772	C	0.16	0.17	T	0.96	0.85	1.09	5.65E-01	4.73E-01
6	rs4713201	29067263	C	0.09	0.09	T	1.04	0.88	1.21	6.70E-01	7.46E-01
6	rs3129106	29081161	G	0.16	0.16	T	1.00	0.89	1.14	9.59E-01	9.33E-01
6	rs3129110	29085228	G	0.40	0.39	A	1.05	0.96	1.16	2.88E-01	3.97E-01
6	rs3130778	29099579	T	0.40	0.39	C	1.06	0.97	1.17	2.09E-01	3.06E-01
6	rs9295794	29104935	A	0.09	0.09	G	1.03	0.88	1.20	7.40E-01	8.35E-01
6	rs3130718	29114621	G	0.48	0.48	A	0.98	0.89	1.07	6.58E-01	5.47E-01
6	rs3116847	29118813	C	0.15	0.15	T	1.00	0.88	1.13	9.47E-01	8.53E-01
6	rs3130729	29125747	G	0.48	0.48	T	0.98	0.89	1.07	6.63E-01	5.56E-01
6	rs3129157	29141743	A	0.03	0.04	G	0.95	0.74	1.22	6.69E-01	6.86E-01
6	rs3116817	29149561	G	0.43	0.43	A	0.99	0.90	1.09	8.52E-01	7.11E-01
6	rs1883329	29177102	T	0.23	0.22	C	1.07	0.96	1.19	2.25E-01	3.11E-01
6	rs2206040	29178514	T	0.48	0.48	C	0.98	0.89	1.07	6.22E-01	5.13E-01
6	rs2206041	29178606	T	0.48	0.48	C	0.98	0.89	1.07	6.10E-01	5.02E-01
6	rs3130817	29179237	G	0.18	0.20	T	0.91	0.81	1.02	1.07E-01	9.72E-02
6	rs3130826	29181314	G	0.23	0.22	A	1.06	0.95	1.18	2.87E-01	3.89E-01
6	rs3116837	29184660	T	0.23	0.22	C	1.07	0.96	1.19	2.23E-01	3.10E-01
6	rs3129105	29213070	A	0.47	0.48	C	0.97	0.88	1.06	5.15E-01	4.17E-01
6	rs3117328	29230577	G	0.45	0.46	T	0.95	0.87	1.04	2.81E-01	2.04E-01
6	rs3130827	29230683	T	0.33	0.35	C	0.92	0.83	1.01	8.16E-02	5.96E-02
6	rs6904130	29235193	C	0.08	0.06	T	1.22	1.02	1.46	2.83E-02	4.08E-02
6	rs7766902	29236645	T	0.11	0.11	G	1.04	0.90	1.20	6.42E-01	7.83E-01
6	rs3130830	29236722	G	0.45	0.46	A	0.95	0.87	1.04	2.82E-01	2.06E-01
6	rs3117326	29240378	A	0.07	0.09	G	0.76	0.64	0.90	1.89E-03	2.53E-03
6	rs9468508	29253756	T	0.04	0.05	C	0.87	0.69	1.09	2.22E-01	2.36E-01

6	rs1884123	29256420	T	0.34	0.36	C	0.93	0.84	1.02	1.14E-01	8.13E-02
6	rs1033569	29257772	G	0.37	0.40	A	0.90	0.82	0.99	2.62E-02	1.83E-02
6	rs16867628	29266497	A	0.08	0.09	G	0.89	0.75	1.05	1.55E-01	1.18E-01
6	rs4594993	29270498	G	0.09	0.07	A	1.22	1.04	1.44	1.66E-02	2.46E-02
6	rs3117426	29272012	T	0.18	0.20	C	0.90	0.80	1.01	7.63E-02	6.87E-02
6	rs9257694	29274486	T	0.45	0.46	C	0.94	0.86	1.04	2.20E-01	1.45E-01
6	rs17404424	29275298	A	0.04	0.04	G	1.10	0.88	1.38	4.11E-01	3.46E-01
6	rs9257696	29275507	C	0.16	0.14	T	1.15	1.01	1.31	3.22E-02	4.38E-02
6	rs10456370	29280736	C	0.49	0.49	A	1.00	0.91	1.10	9.97E-01	8.50E-01
6	rs4713208	29283579	T	0.35	0.36	C	0.97	0.88	1.07	5.19E-01	4.60E-01
6	rs720831	29284518	T	0.35	0.36	C	0.97	0.88	1.06	4.88E-01	4.31E-01
6	rs12660111	29296148	T	0.15	0.14	C	1.08	0.95	1.23	2.35E-01	2.88E-01
6	rs9357078	29297666	T	0.11	0.10	C	1.07	0.93	1.24	3.57E-01	4.57E-01
6	rs6930435	29301222	A	0.20	0.23	G	0.86	0.77	0.96	9.19E-03	8.84E-03
6	rs1014258	29310681	A	0.20	0.22	G	0.86	0.77	0.96	8.73E-03	8.34E-03
6	rs6930033	29323905	C	0.15	0.14	A	1.09	0.96	1.24	2.05E-01	2.54E-01
6	rs10484546	29324599	C	0.15	0.14	A	1.09	0.96	1.24	1.79E-01	2.24E-01
6	rs9380120	29335537	C	0.11	0.10	T	1.07	0.92	1.24	3.91E-01	5.00E-01
6	rs9257794	29335661	T	0.19	0.22	C	0.81	0.72	0.91	2.56E-04	3.39E-04
6	rs6934993	29337500	G	0.19	0.22	A	0.81	0.72	0.91	2.51E-04	3.28E-04
6	rs7753474	29341308	A	0.21	0.18	G	1.16	1.04	1.30	9.02E-03	1.38E-02
6	rs3749971	29342775	T	0.07	0.09	C	0.78	0.66	0.92	3.26E-03	4.29E-03
6	rs9257802	29343355	T	0.17	0.17	C	0.98	0.87	1.11	7.48E-01	7.78E-01
6	rs4598109	29344704	C	0.49	0.50	T	0.95	0.87	1.04	2.83E-01	2.11E-01
6	rs238883	29346226	C	0.31	0.32	T	0.95	0.86	1.05	3.33E-01	2.39E-01
6	rs238872	29351873	G	0.43	0.46	A	0.90	0.82	0.99	3.33E-02	2.25E-02
6	rs3094556	29353408	A	0.43	0.45	G	0.91	0.83	1.00	4.51E-02	3.10E-02
6	rs3094551	29354799	T	0.39	0.41	C	0.94	0.85	1.03	1.79E-01	1.31E-01
6	rs3094550	29354809	G	0.39	0.41	T	0.94	0.86	1.03	1.88E-01	1.39E-01
6	rs238869	29355113	G	0.32	0.34	A	0.91	0.82	1.00	5.76E-02	5.73E-02
6	rs3094549	29355148	G	0.32	0.31	T	1.04	0.94	1.15	4.57E-01	5.70E-01
6	rs1419638	29355519	A	0.37	0.37	G	1.02	0.93	1.12	7.32E-01	7.52E-01
6	rs4711185	29356046	A	0.42	0.40	G	1.11	1.02	1.22	2.24E-02	2.29E-02
6	rs9257809	29356331	G	0.08	0.09	A	0.79	0.67	0.94	6.26E-03	8.44E-03

6	rs379157	29356587	C	0.42	0.45	T	0.90	0.82	0.98	2.11E-02	1.90E-02
6	rs9393956	29357645	G	0.05	0.04	A	1.24	1.00	1.53	4.78E-02	5.16E-02
6	rs16894836	29361707	G	0.13	0.13	T	0.96	0.84	1.10	5.30E-01	5.77E-01
6	rs1028411	29367399	C	0.47	0.45	A	1.07	0.97	1.17	1.63E-01	1.61E-01
6	rs9257837	29368021	T	0.15	0.15	C	0.96	0.85	1.09	5.35E-01	4.68E-01
6	rs9257843	29368665	C	0.49	0.47	T	1.09	1.00	1.20	6.31E-02	5.83E-02
6	rs9405124	29368813	G	0.32	0.30	A	1.11	1.00	1.23	4.46E-02	3.61E-02
6	rs2394604	29369268	A	0.15	0.16	C	0.97	0.86	1.10	6.80E-01	6.14E-01
6	rs1419633	29373213	A	0.49	0.47	G	1.10	1.00	1.20	5.33E-02	5.08E-02
6	rs1419632	29373249	G	0.49	0.47	T	1.09	1.00	1.20	5.55E-02	5.16E-02
6	rs3131024	29385237	T	0.10	0.11	C	0.83	0.71	0.96	1.37E-02	1.29E-02
6	rs2523421	29390440	C	0.10	0.09	T	1.12	0.96	1.31	1.50E-01	1.98E-01
6	rs7770592	29395747	A	0.35	0.32	C	1.14	1.03	1.26	9.90E-03	6.80E-03
6	rs9295805	29397779	T	0.32	0.30	C	1.10	1.00	1.22	5.31E-02	4.33E-02
6	rs3131025	29398815	A	0.30	0.32	G	0.93	0.84	1.03	1.76E-01	1.33E-01
6	rs2074469	29407970	G	0.18	0.19	A	0.94	0.83	1.05	2.67E-01	2.28E-01
6	rs2074466	29408313	T	0.15	0.15	G	0.97	0.85	1.10	6.04E-01	5.35E-01
6	rs2074464	29408528	T	0.48	0.46	C	1.08	0.98	1.19	1.08E-01	9.28E-02
6	rs7765791	29410093	C	0.03	0.02	T	1.16	0.87	1.54	3.18E-01	3.04E-01
6	rs2523442	29417817	G	0.25	0.25	A	1.02	0.92	1.13	7.00E-01	7.40E-01
6	rs9257863	29425584	G	0.15	0.16	T	0.96	0.85	1.09	5.58E-01	4.96E-01
6	rs2107191	29434295	G	0.46	0.44	A	1.06	0.97	1.16	2.26E-01	2.01E-01
6	rs4713226	29434414	A	0.10	0.10	G	1.05	0.90	1.22	5.44E-01	6.33E-01
6	rs1362076	29441169	A	0.01	0.01	C	0.94	0.61	1.46	7.98E-01	7.14E-01
6	rs7751705	29441618	T	0.03	0.02	C	1.23	0.92	1.65	1.69E-01	1.77E-01
6	rs2746150	29442701	T	0.07	0.09	C	0.80	0.67	0.94	7.74E-03	1.03E-02
6	rs2523444	29442831	T	0.07	0.07	C	1.05	0.87	1.26	6.12E-01	7.23E-01
6	rs1233492	29458477	C	0.26	0.26	T	1.03	0.93	1.14	6.15E-01	6.51E-01
6	rs6906307	29463892	G	0.03	0.02	T	1.27	0.94	1.71	1.19E-01	1.33E-01
6	rs1345227	29466956	G	0.40	0.40	A	1.02	0.93	1.13	6.36E-01	5.80E-01
6	rs7746192	29468207	T	0.01	0.01	C	1.12	0.72	1.73	6.15E-01	6.60E-01
6	rs1233487	29468809	C	0.23	0.26	T	0.86	0.78	0.96	7.31E-03	6.29E-03
6	rs757256	29472916	A	0.42	0.43	G	0.98	0.89	1.08	6.72E-01	6.69E-01
6	rs734959	29474662	C	0.41	0.41	T	1.02	0.93	1.12	7.06E-01	6.49E-01

6	rs3131020	29475902	T	0.42	0.43	C	0.99	0.90	1.08	7.89E-01	7.88E-01
6	rs3131021	29476142	A	0.43	0.42	G	1.04	0.95	1.14	4.24E-01	3.81E-01
6	rs3094572	29480993	A	0.41	0.41	G	1.02	0.93	1.13	6.19E-01	5.81E-01
6	rs1592411	29483911	A	0.43	0.43	G	1.01	0.92	1.11	8.03E-01	7.98E-01
6	rs3094564	29486345	G	0.41	0.41	A	1.02	0.93	1.13	6.26E-01	5.91E-01
6	rs969931	29494897	C	0.48	0.48	A	1.00	0.91	1.10	9.86E-01	9.14E-01
6	rs9501676	29496776	A	0.01	0.01	G	1.82	1.17	2.82	6.71E-03	5.57E-03
6	rs9501677	29497002	A	0.03	0.02	G	1.33	0.99	1.77	5.58E-02	5.08E-02
6	rs909968	29499505	A	0.45	0.46	G	0.98	0.89	1.07	6.02E-01	6.48E-01
6	rs9461533	29501422	G	0.01	0.01	A	1.74	1.14	2.67	1.01E-02	8.47E-03
6	rs446198	29507426	A	0.46	0.47	G	0.96	0.88	1.06	4.20E-01	4.56E-01
6	rs2534795	29511341	A	0.26	0.25	G	1.04	0.94	1.15	4.57E-01	4.96E-01
6	rs3094575	29515802	T	0.25	0.25	C	0.98	0.88	1.09	6.94E-01	6.52E-01
6	rs3094576	29516242	A	0.14	0.14	C	1.00	0.87	1.14	9.88E-01	9.35E-01
6	rs376681	29517093	C	0.46	0.47	T	0.96	0.88	1.05	3.93E-01	4.32E-01
6	rs17351888	29519173	C	0.07	0.06	T	1.10	0.92	1.33	2.96E-01	2.74E-01
6	rs2534790	29524168	A	0.26	0.26	C	1.04	0.93	1.15	5.05E-01	5.42E-01
6	rs2745412	29524401	T	0.07	0.07	C	1.05	0.88	1.25	6.01E-01	7.00E-01
6	rs2272991	29527599	G	0.03	0.03	A	1.20	0.92	1.57	1.84E-01	1.72E-01
6	rs362511	29530850	C	0.21	0.21	T	1.05	0.94	1.18	3.60E-01	4.38E-01
6	rs362529	29530868	A	0.15	0.15	G	1.02	0.89	1.15	8.15E-01	7.65E-01
6	rs459970	29531253	T	0.08	0.08	C	1.03	0.87	1.22	7.44E-01	8.71E-01
6	rs388234	29533295	G	0.36	0.37	A	0.95	0.86	1.04	2.60E-01	2.12E-01
6	rs3094577	29533870	A	0.41	0.37	G	1.17	1.07	1.29	9.79E-04	8.03E-04
6	rs1235162	29537224	C	0.08	0.09	T	0.82	0.70	0.97	2.25E-02	2.76E-02
6	rs1233400	29537975	T	0.17	0.14	C	1.20	1.06	1.36	4.07E-03	5.33E-03
6	rs1233399	29539482	T	0.21	0.19	C	1.14	1.02	1.28	2.71E-02	3.43E-02
6	rs3025652	29539765	T	0.14	0.17	C	0.79	0.69	0.90	3.49E-04	3.09E-04
6	rs362510	29540745	A	0.21	0.19	G	1.15	1.03	1.29	1.66E-02	2.11E-02
6	rs3117073	29544825	G	0.32	0.28	A	1.20	1.09	1.33	3.65E-04	2.30E-04
6	rs1233397	29545715	C	0.23	0.22	T	1.04	0.94	1.16	4.45E-01	5.07E-01
6	rs12530421	29549443	C	0.05	0.07	A	0.75	0.62	0.91	3.89E-03	3.65E-03
6	rs1233391	29550618	G	0.20	0.20	A	0.99	0.89	1.11	8.93E-01	8.35E-01
6	rs362521	29556759	A	0.05	0.06	G	0.74	0.60	0.91	4.14E-03	4.27E-03

6	rs1233386	29558190	A	0.14	0.13	G	1.11	0.97	1.26	1.30E-01	1.45E-01
6	rs1233384	29559295	A	0.14	0.13	G	1.11	0.97	1.26	1.34E-01	1.50E-01
6	rs3025646	29566842	G	0.05	0.07	A	0.76	0.63	0.93	6.84E-03	5.94E-03
6	rs3025643	29569955	T	0.37	0.32	C	1.24	1.12	1.36	1.88E-05	1.64E-05
6	rs3025642	29570316	T	0.04	0.05	C	0.76	0.61	0.96	2.05E-02	2.17E-02
6	rs2267633	29570841	G	0.10	0.12	A	0.77	0.66	0.89	4.39E-04	3.72E-04
6	rs2076483	29571545	C	0.10	0.12	T	0.76	0.66	0.89	3.79E-04	3.21E-04
6	rs10946999	29571609	T	0.11	0.12	G	0.88	0.76	1.01	7.67E-02	8.74E-02
6	rs740884	29574631	T	0.05	0.06	C	0.92	0.75	1.13	4.13E-01	3.90E-01
6	rs740882	29575456	A	0.08	0.10	G	0.84	0.72	0.98	3.10E-02	3.12E-02
6	rs29230	29576393	C	0.14	0.17	T	0.79	0.70	0.90	3.24E-04	2.68E-04
6	rs29225	29581041	C	0.08	0.10	T	0.84	0.72	0.98	3.14E-02	3.17E-02
6	rs29246	29588146	C	0.04	0.05	T	0.89	0.71	1.12	3.25E-01	3.25E-01
6	rs1233374	29608694	G	0.08	0.09	A	0.85	0.72	1.00	5.07E-02	5.21E-02
6	rs29232	29611431	A	0.35	0.37	G	0.92	0.84	1.01	9.55E-02	9.33E-02
6	rs3131854	29611885	A	0.21	0.22	G	0.94	0.84	1.05	2.71E-01	2.25E-01
6	rs3129073	29615822	C	0.16	0.20	T	0.81	0.72	0.91	5.38E-04	7.38E-04
6	rs29234	29624112	G	0.04	0.06	T	0.77	0.62	0.95	1.67E-02	1.73E-02
6	rs3135050	29628437	T	0.16	0.17	C	0.98	0.86	1.11	7.10E-01	6.76E-01
6	rs3130252	29631744	C	0.16	0.17	T	0.97	0.86	1.10	6.55E-01	6.22E-01
6	rs3130253	29634012	A	0.09	0.09	G	1.03	0.88	1.21	6.94E-01	6.97E-01
6	rs1318631	29635508	A	0.28	0.23	G	1.30	1.18	1.45	5.17E-07	6.16E-07
6	rs2071653	29635928	T	0.20	0.21	C	0.93	0.83	1.05	2.43E-01	2.01E-01
6	rs2535246	29636409	C	0.20	0.18	A	1.13	1.00	1.27	4.40E-02	4.15E-02
6	rs9257936	29639776	T	0.13	0.11	C	1.21	1.05	1.39	7.78E-03	5.51E-03
6	rs9257940	29642509	G	0.03	0.04	A	0.84	0.65	1.09	1.97E-01	1.61E-01
6	rs2535238	29645038	T	0.19	0.22	G	0.80	0.71	0.89	9.55E-05	1.43E-04
6	rs2747430	29648506	A	0.25	0.30	G	0.75	0.68	0.84	9.46E-08	1.58E-07
6	rs3129054	29649056	A	0.32	0.32	G	1.02	0.92	1.12	7.30E-01	6.98E-01
6	rs3117292	29652199	G	0.38	0.37	A	1.04	0.94	1.14	4.41E-01	4.14E-01
6	rs3117294	29653329	G	0.33	0.33	T	1.00	0.91	1.10	9.97E-01	9.54E-01
6	rs2747453	29654943	C	0.19	0.17	T	1.11	0.99	1.26	7.90E-02	7.00E-02
6	rs2747454	29655113	A	0.26	0.23	G	1.17	1.05	1.31	3.65E-03	2.94E-03
6	rs2747457	29656417	G	0.19	0.23	T	0.80	0.71	0.89	7.43E-05	1.03E-04

6	rs3131888	29663889	G	0.40	0.41	A	0.93	0.84	1.02	1.01E-01	1.21E-01
6	rs3131875	29666111	G	0.49	0.49	A	1.01	0.92	1.11	7.91E-01	7.70E-01
6	rs7776082	29667273	A	0.41	0.44	G	0.90	0.82	0.99	2.28E-02	2.94E-02
6	rs3129066	29668537	C	0.21	0.25	T	0.77	0.69	0.86	4.15E-06	6.37E-06
6	rs3129055	29670261	C	0.21	0.25	T	0.77	0.69	0.86	3.67E-06	5.54E-06
6	rs3131863	29673483	C	0.26	0.29	T	0.88	0.79	0.97	1.07E-02	8.07E-03
6	rs3871468	29677641	G	0.29	0.24	A	1.30	1.17	1.44	6.94E-07	8.80E-07
6	rs1610594	29679047	G	0.26	0.29	A	0.87	0.79	0.97	1.02E-02	7.54E-03
6	rs1611371	29680021	C	0.22	0.24	T	0.91	0.82	1.02	9.16E-02	7.47E-02
6	rs9258170	29689590	G	0.10	0.12	T	0.79	0.68	0.91	1.56E-03	1.31E-03
6	rs1362126	29691019	T	0.47	0.41	C	1.31	1.19	1.43	1.47E-08	1.76E-08
6	rs9258186	29692334	G	0.10	0.12	A	0.79	0.68	0.91	1.69E-03	1.43E-03
6	rs2235383	29693499	C	0.10	0.12	T	0.79	0.68	0.91	1.69E-03	1.43E-03
6	rs2523404	29695713	A	0.51	0.45	G	1.29	1.17	1.41	8.55E-08	9.42E-08
6	rs2272874	29696245	G	0.10	0.12	A	0.79	0.68	0.91	1.69E-03	1.43E-03
6	rs2743925	29698050	C	0.20	0.18	T	1.16	1.03	1.30	1.56E-02	1.36E-02
6	rs1611350	29698821	C	0.27	0.28	T	0.93	0.84	1.03	1.68E-01	2.15E-01
6	rs2523399	29700079	G	0.41	0.44	A	0.86	0.79	0.95	2.04E-03	2.25E-03
6	rs1610601	29700183	T	0.19	0.22	G	0.85	0.76	0.95	4.19E-03	5.41E-03
6	rs7773358	29701800	T	0.09	0.12	C	0.77	0.66	0.90	8.23E-04	6.73E-04
6	rs1610602	29702061	T	0.23	0.26	G	0.86	0.77	0.96	5.81E-03	7.44E-03
6	rs2844833	29702206	C	0.18	0.17	G	1.13	1.00	1.28	4.96E-02	4.36E-02
6	rs2523395	29702510	T	0.50	0.44	C	1.28	1.16	1.40	2.42E-07	2.27E-07
6	rs2394160	29703262	G	0.50	0.44	A	1.28	1.17	1.40	1.59E-07	1.52E-07
6	rs9258209	29705402	T	0.02	0.03	C	0.84	0.62	1.15	2.88E-01	2.83E-01
6	rs932338	29706933	T	0.18	0.18	C	0.96	0.85	1.09	5.35E-01	5.06E-01
6	rs1633096	29707267	A	0.21	0.24	C	0.83	0.74	0.93	9.68E-04	1.31E-03
6	rs9258218	29708028	A	0.09	0.12	G	0.77	0.66	0.90	7.59E-04	6.12E-04
6	rs1610603	29708222	A	0.18	0.19	G	0.94	0.84	1.07	3.49E-01	3.24E-01
6	rs2517938	29709840	G	0.19	0.17	A	1.10	0.97	1.24	1.36E-01	1.30E-01
6	rs2523386	29711747	T	0.18	0.16	C	1.12	0.99	1.27	7.36E-02	6.21E-02
6	rs9258225	29712704	G	0.08	0.09	A	0.82	0.69	0.97	1.87E-02	1.64E-02
6	rs1633091	29712866	A	0.18	0.19	G	0.96	0.85	1.08	4.78E-01	4.46E-01
6	rs34260811	29715332	A	0.30	0.25	C	1.26	1.14	1.40	1.14E-05	1.49E-05

6	rs1633085	29715997	A	0.47	0.43	G	1.18	1.07	1.29	4.78E-04	6.60E-04
6	rs1610621	29718790	T	0.20	0.22	C	0.85	0.76	0.95	3.74E-03	5.11E-03
6	rs909728	29719561	A	0.47	0.43	G	1.18	1.08	1.29	4.12E-04	5.79E-04
6	rs4713244	29721146	A	0.29	0.24	G	1.28	1.16	1.42	1.57E-06	2.13E-06
6	rs1611297	29721755	C	0.18	0.19	T	0.94	0.84	1.06	3.41E-01	3.14E-01
6	rs17438538	29723144	C	0.03	0.03	T	0.92	0.71	1.19	5.40E-01	6.01E-01
6	rs9258260	29723161	T	0.07	0.09	C	0.82	0.69	0.97	2.01E-02	1.72E-02
6	rs1633068	29724310	A	0.18	0.19	G	0.94	0.84	1.06	3.35E-01	3.08E-01
6	rs1737078	29724939	A	0.44	0.46	C	0.92	0.84	1.01	6.89E-02	8.68E-02
6	rs1737076	29725321	C	0.44	0.46	T	0.92	0.84	1.01	7.04E-02	8.90E-02
6	rs1633059	29726550	G	0.52	0.49	A	1.13	1.03	1.24	7.68E-03	1.03E-02
6	rs1610628	29728209	G	0.18	0.19	T	0.95	0.84	1.07	3.59E-01	3.34E-01
6	rs1610630	29729286	G	0.18	0.19	A	0.95	0.84	1.07	3.67E-01	3.37E-01
6	rs9258275	29730504	G	0.39	0.36	A	1.14	1.03	1.25	8.24E-03	1.02E-02
6	rs1633048	29730642	T	0.18	0.19	C	0.94	0.84	1.06	3.40E-01	3.14E-01
6	rs1737069	29730730	A	0.25	0.28	G	0.88	0.80	0.98	2.21E-02	1.71E-02
6	rs1611285	29731787	C	0.19	0.17	T	1.12	0.99	1.26	7.19E-02	6.32E-02
6	rs1737060	29732969	C	0.18	0.19	G	0.94	0.83	1.06	2.86E-01	2.61E-01
6	rs1633041	29733223	T	0.25	0.29	C	0.82	0.74	0.91	1.28E-04	1.62E-04
6	rs1737058	29733375	C	0.07	0.07	G	0.97	0.80	1.17	7.39E-01	6.97E-01
6	rs2735046	29734098	T	0.47	0.40	C	1.33	1.21	1.46	1.59E-09	1.49E-09
6	rs1737046	29735693	T	0.27	0.29	C	0.90	0.81	1.00	4.24E-02	3.66E-02
6	rs1737041	29736229	T	0.25	0.29	G	0.82	0.74	0.91	1.69E-04	2.11E-04
6	rs11753872	29736942	A	0.02	0.02	C	0.68	0.48	0.95	2.24E-02	2.21E-02
6	rs1737031	29737481	A	0.26	0.31	G	0.80	0.72	0.88	1.02E-05	1.31E-05
6	rs6932033	29737846	G	0.02	0.02	A	0.69	0.49	0.98	3.48E-02	3.44E-02
6	rs12662393	29738569	T	0.02	0.03	G	0.80	0.60	1.06	1.22E-01	1.08E-01
6	rs9258302	29741338	C	0.06	0.07	T	0.84	0.70	1.02	7.36E-02	7.37E-02
6	rs1362070	29742299	G	0.30	0.35	A	0.79	0.72	0.87	1.95E-06	2.21E-06
6	rs9258303	29742930	T	0.06	0.07	C	0.84	0.69	1.01	6.32E-02	6.39E-02
6	rs9500845	29743117	G	0.02	0.03	A	0.79	0.60	1.06	1.13E-01	1.01E-01
6	rs2517930	29745075	A	0.41	0.33	C	1.38	1.26	1.51	6.14E-12	8.41E-12
6	rs2844836	29746023	G	0.04	0.04	A	0.86	0.68	1.10	2.29E-01	2.75E-01
6	rs1633021	29746869	G	0.20	0.24	A	0.82	0.73	0.91	3.79E-04	4.86E-04

6	rs2735042	29747373	C	0.26	0.31	T	0.80	0.72	0.88	1.22E-05	1.56E-05
6	rs17185076	29747389	T	0.04	0.06	C	0.74	0.59	0.92	5.80E-03	5.20E-03
6	rs2394686	29749292	G	0.03	0.03	C	0.84	0.63	1.11	2.09E-01	2.51E-01
6	rs1002046	29754016	T	0.25	0.29	C	0.82	0.74	0.91	2.10E-04	2.63E-04
6	rs1610642	29759078	A	0.29	0.34	G	0.79	0.72	0.87	2.81E-06	3.18E-06
6	rs1610644	29759445	A	0.25	0.29	G	0.82	0.74	0.91	1.69E-04	2.11E-04
6	rs17185132	29759511	T	0.02	0.02	C	0.93	0.68	1.27	6.50E-01	5.49E-01
6	rs35728173	29761652	T	0.02	0.02	C	0.69	0.49	0.98	3.50E-02	3.37E-02
6	rs16895757	29762178	T	0.05	0.06	C	0.86	0.70	1.06	1.51E-01	1.49E-01
6	rs1633011	29762693	A	0.25	0.29	G	0.82	0.74	0.91	2.00E-04	2.55E-04
6	rs11758087	29764443	A	0.02	0.02	G	0.68	0.49	0.96	2.54E-02	2.47E-02
6	rs2523414	29765087	G	0.06	0.07	A	0.86	0.71	1.04	1.19E-01	1.11E-01
6	rs1736991	29766926	G	0.27	0.32	C	0.80	0.72	0.88	1.29E-05	1.60E-05
6	rs9258437	29767611	A	0.02	0.03	G	0.75	0.55	1.03	7.86E-02	1.02E-01
6	rs28634576	29767743	G	0.02	0.03	A	0.78	0.58	1.05	1.05E-01	8.65E-02
6	rs7741100	29768123	A	0.05	0.05	C	0.92	0.75	1.14	4.67E-01	4.53E-01
6	rs1611185	29768344	C	0.48	0.42	T	1.31	1.19	1.44	9.63E-09	8.68E-09
6	rs2017525	29768503	A	0.05	0.06	G	0.81	0.67	0.99	3.80E-02	3.91E-02
6	rs1632988	29772395	T	0.23	0.28	C	0.79	0.71	0.88	1.57E-05	1.91E-05
6	rs17178826	29773537	G	0.02	0.02	A	0.68	0.49	0.96	2.56E-02	2.49E-02
6	rs9468630	29773541	A	0.02	0.03	G	0.80	0.61	1.07	1.34E-01	1.22E-01
6	rs9258447	29773852	T	0.07	0.08	C	0.84	0.71	1.00	4.68E-02	5.04E-02
6	rs11757182	29775525	C	0.02	0.02	A	0.68	0.49	0.96	2.57E-02	2.50E-02
6	rs9468632	29775939	T	0.02	0.03	C	0.81	0.61	1.08	1.57E-01	1.37E-01
6	rs1736971	29776322	A	0.25	0.29	C	0.82	0.74	0.91	1.80E-04	2.21E-04
6	rs1632971	29777911	A	0.15	0.15	G	1.00	0.88	1.14	9.83E-01	9.65E-01
6	rs9295820	29778501	G	0.01	0.01	C	0.94	0.61	1.46	7.96E-01	6.78E-01
6	rs1610699	29778987	C	0.27	0.32	A	0.79	0.72	0.88	6.38E-06	7.48E-06
6	rs9258468	29781328	A	0.02	0.02	G	0.95	0.67	1.34	7.70E-01	7.47E-01
6	rs1610707	29782048	T	0.30	0.35	G	0.80	0.72	0.88	6.61E-06	9.25E-06
6	rs11753629	29782331	A	0.10	0.13	G	0.78	0.67	0.90	7.35E-04	6.66E-04
6	rs11753654	29782621	T	0.07	0.09	C	0.77	0.65	0.92	3.35E-03	3.40E-03
6	rs1736956	29782690	T	0.35	0.42	C	0.75	0.68	0.83	3.53E-09	4.47E-09
6	rs1619379	29785235	A	0.35	0.40	G	0.79	0.72	0.86	6.30E-07	6.93E-07

6	rs2743931	29787072	G	0.15	0.15	A	1.00	0.88	1.14	9.99E-01	9.48E-01
6	rs1155143	29788392	C	0.26	0.30	T	0.80	0.72	0.88	1.78E-05	2.25E-05
6	rs1611149	29789999	T	0.41	0.49	C	0.74	0.68	0.81	1.42E-10	1.60E-10
6	rs1611139	29799116	T	0.26	0.31	G	0.82	0.74	0.91	1.08E-04	1.47E-04
6	rs11753296	29801110	A	0.11	0.13	G	0.79	0.68	0.91	1.03E-03	7.38E-04
6	rs16896052	29804176	G	0.05	0.06	A	0.87	0.70	1.07	1.91E-01	1.81E-01
6	rs2394178	29804845	A	0.19	0.23	G	0.77	0.69	0.86	5.70E-06	3.64E-06
6	rs2394180	29805199	C	0.11	0.13	T	0.79	0.68	0.91	1.01E-03	7.30E-04
6	rs9258525	29806341	C	0.05	0.05	T	0.92	0.74	1.13	4.16E-01	4.03E-01
6	rs2523779	29806622	A	0.08	0.10	G	0.80	0.68	0.95	8.22E-03	7.67E-03
6	rs2743937	29807923	G	0.19	0.23	A	0.77	0.69	0.86	6.20E-06	3.94E-06
6	rs2735003	29808634	C	0.19	0.23	A	0.77	0.69	0.86	6.66E-06	4.32E-06
6	rs9258537	29808861	A	0.19	0.23	G	0.77	0.69	0.86	6.79E-06	4.33E-06
6	rs2734999	29808917	A	0.08	0.10	G	0.80	0.68	0.95	8.12E-03	7.57E-03
6	rs2523777	29809087	A	0.19	0.23	G	0.77	0.69	0.86	6.87E-06	4.38E-06
6	rs2523776	29809194	C	0.08	0.10	A	0.81	0.69	0.95	8.71E-03	8.16E-03
6	rs1611133	29809382	T	0.20	0.23	C	0.83	0.75	0.93	1.34E-03	1.78E-03
6	rs2523769	29811022	G	0.24	0.29	T	0.77	0.69	0.85	5.22E-07	3.12E-07
6	rs16896081	29811709	T	0.05	0.06	C	0.83	0.67	1.02	7.63E-02	7.26E-02
6	rs2734994	29812030	A	0.08	0.10	G	0.80	0.68	0.94	6.03E-03	5.64E-03
6	rs5013310	29812404	T	0.12	0.14	C	0.80	0.70	0.92	1.52E-03	1.29E-03
6	rs2523767	29812807	C	0.20	0.25	T	0.79	0.70	0.88	1.78E-05	1.37E-05
6	rs2517879	29812974	T	0.20	0.25	C	0.79	0.70	0.88	1.68E-05	1.27E-05
6	rs9258555	29813016	C	0.08	0.10	G	0.80	0.68	0.94	6.44E-03	6.07E-03
6	rs3873260	29813682	C	0.20	0.25	T	0.78	0.70	0.87	8.78E-06	6.77E-06
6	rs9258557	29813942	T	0.08	0.10	C	0.81	0.69	0.95	1.06E-02	9.83E-03
6	rs2394185	29816371	G	0.06	0.07	T	0.84	0.69	1.01	6.81E-02	6.28E-02
6	rs2734986	29818568	G	0.12	0.16	A	0.76	0.66	0.87	4.43E-05	5.55E-05
6	rs2734985	29818662	G	0.18	0.23	A	0.74	0.66	0.84	6.51E-07	6.78E-07
6	rs2523759	29819093	C	0.18	0.23	T	0.77	0.68	0.86	5.82E-06	5.92E-06
6	rs2508050	29820047	G	0.08	0.09	A	0.89	0.75	1.05	1.52E-01	1.74E-01
6	rs5013093	29820586	T	0.18	0.23	C	0.77	0.69	0.86	7.59E-06	7.89E-06
6	rs2734984	29820831	G	0.18	0.23	A	0.76	0.68	0.86	3.52E-06	3.60E-06
6	rs2517861	29821982	A	0.18	0.23	G	0.74	0.66	0.83	4.87E-07	5.18E-07

6	rs2975033	29822261	T	0.38	0.29	C	1.49	1.36	1.64	2.35E-16	1.89E-16
6	rs2517855	29823164	T	0.13	0.16	C	0.76	0.67	0.87	6.16E-05	7.70E-05
6	rs2517854	29823296	G	0.36	0.43	C	0.74	0.67	0.81	4.51E-10	4.15E-10
6	rs2844826	29823319	C	0.36	0.43	T	0.74	0.67	0.81	2.92E-10	2.75E-10
6	rs3132726	29823606	T	0.23	0.24	C	0.92	0.83	1.03	1.57E-01	1.48E-01
6	rs1611684	29825846	A	0.36	0.43	G	0.74	0.67	0.81	3.52E-10	3.25E-10
6	rs9258738	29827390	C	0.23	0.27	A	0.82	0.74	0.91	1.96E-04	1.45E-04
6	rs17185692	29828316	A	0.06	0.07	G	0.83	0.69	1.00	5.50E-02	4.54E-02
6	rs1611710	29828916	T	0.36	0.43	C	0.74	0.67	0.81	4.31E-10	3.86E-10
6	rs3094170	29829265	A	0.15	0.14	G	1.04	0.91	1.18	5.85E-01	6.27E-01
6	rs3094169	29829986	A	0.19	0.20	G	0.96	0.86	1.08	5.30E-01	4.92E-01
6	rs7760172	29830074	C	0.03	0.04	T	0.79	0.61	1.02	7.07E-02	7.77E-02
6	rs9258766	29830411	A	0.23	0.27	G	0.82	0.74	0.91	2.33E-04	1.73E-04
6	rs9258771	29830652	G	0.23	0.27	A	0.82	0.74	0.91	2.24E-04	1.68E-04
6	rs1611732	29831008	T	0.36	0.43	C	0.74	0.68	0.82	6.69E-10	6.10E-10
6	rs1611738	29831706	A	0.13	0.16	C	0.76	0.67	0.87	6.57E-05	8.20E-05
6	rs2524035	29832332	T	0.18	0.19	C	0.94	0.83	1.06	2.83E-01	2.71E-01
6	rs7760545	29833472	A	0.01	0.01	C	0.85	0.53	1.37	5.10E-01	5.01E-01
6	rs3094165	29833541	T	0.29	0.31	C	0.91	0.83	1.01	7.26E-02	6.58E-02
6	rs2734973	29833948	A	0.11	0.13	G	0.85	0.74	0.98	2.43E-02	2.66E-02
6	rs2517826	29834041	T	0.18	0.22	C	0.80	0.71	0.90	1.46E-04	2.09E-04
6	rs11967812	29835632	C	0.05	0.05	T	0.97	0.78	1.20	7.62E-01	8.23E-01
6	rs9258866	29836524	A	0.05	0.05	C	0.90	0.73	1.11	3.23E-01	3.23E-01
6	rs3132718	29836577	A	0.31	0.35	G	0.86	0.78	0.94	1.78E-03	1.42E-03
6	rs9258883	29837188	C	0.23	0.25	T	0.90	0.81	1.01	6.57E-02	6.03E-02
6	rs3094654	29839816	A	0.31	0.35	G	0.86	0.78	0.94	1.85E-03	1.47E-03
6	rs9258966	29840382	C	0.31	0.35	T	0.85	0.77	0.94	1.49E-03	1.18E-03
6	rs3132714	29840648	A	0.31	0.35	G	0.86	0.78	0.94	1.85E-03	1.47E-03
6	rs2523809	29849619	A	0.11	0.13	C	0.85	0.74	0.98	2.66E-02	2.92E-02
6	rs2734959	29849687	C	0.43	0.49	G	0.81	0.74	0.88	4.21E-06	3.27E-06
6	rs1611599	29853955	G	0.04	0.04	A	0.96	0.77	1.21	7.45E-01	8.30E-01
6	rs9259705	29881038	C	0.05	0.05	G	0.94	0.75	1.17	5.76E-01	5.86E-01
6	rs2524005	29899677	T	0.15	0.20	C	0.75	0.66	0.84	2.43E-06	3.86E-06
6	rs1062405	29913509	T	0.05	0.05	C	0.95	0.77	1.17	6.09E-01	5.96E-01

6	rs2571382	29913727	T	0.17	0.17	C	1.03	0.91	1.16	6.88E-01	7.23E-01
6	rs1655900	29916618	A	0.12	0.16	G	0.75	0.66	0.86	3.05E-05	4.12E-05
6	rs2517715	29917439	G	0.42	0.34	A	1.41	1.29	1.55	4.78E-13	4.33E-13
6	rs404046	29923817	A	0.07	0.09	G	0.82	0.69	0.98	2.68E-02	2.63E-02
6	rs12665039	29924779	C	0.02	0.03	T	0.66	0.49	0.88	4.94E-03	5.59E-03
6	rs429511	29924831	C	0.13	0.16	T	0.77	0.68	0.88	1.33E-04	1.85E-04
6	rs2523940	29925817	C	0.07	0.08	T	0.82	0.69	0.99	3.50E-02	4.04E-02
6	rs9260679	29926377	G	0.03	0.04	A	0.79	0.61	1.02	6.82E-02	6.52E-02
6	rs441808	29928137	A	0.44	0.51	G	0.77	0.70	0.84	1.94E-08	1.78E-08
6	rs2428521	29928649	A	0.45	0.52	C	0.76	0.70	0.84	7.89E-09	6.47E-09
6	rs2517689	29929253	G	0.45	0.52	A	0.76	0.70	0.84	7.89E-09	6.47E-09
6	rs3903160	29932897	T	0.38	0.29	C	1.52	1.38	1.67	1.88E-17	1.62E-17
6	rs6457109	29933261	C	0.13	0.10	T	1.41	1.22	1.62	2.22E-06	1.66E-06
6	rs6457110	29933881	A	0.48	0.40	T	1.41	1.29	1.55	2.62E-13	2.74E-13
6	rs3869062	29934891	G	0.05	0.06	A	0.81	0.65	0.99	4.38E-02	3.94E-02
6	rs3893464	29935250	T	0.38	0.46	C	0.71	0.64	0.78	4.12E-13	5.10E-13
6	rs9260759	29935372	T	0.09	0.11	C	0.82	0.70	0.96	1.20E-02	1.00E-02
6	rs12206499	29937127	G	0.39	0.29	A	1.58	1.43	1.74	1.61E-20	8.09E-21
6	rs2517673	29937242	T	0.10	0.12	C	0.79	0.68	0.91	1.74E-03	2.27E-03
6	rs2256539	29937740	C	0.36	0.42	T	0.81	0.74	0.89	9.32E-06	8.85E-06
6	rs2256543	29937833	T	0.37	0.42	C	0.81	0.73	0.89	6.95E-06	6.21E-06
6	rs1061535	29937924	A	0.19	0.19	G	0.97	0.86	1.09	5.62E-01	5.20E-01
6	rs2523971	29938258	T	0.22	0.26	G	0.78	0.70	0.87	5.27E-06	5.22E-06
6	rs2256919	29940750	C	0.37	0.42	A	0.82	0.75	0.90	3.84E-05	3.29E-05
6	rs2735078	29941400	C	0.24	0.29	T	0.77	0.69	0.86	1.30E-06	1.29E-06
6	rs2523946	29941943	A	0.53	0.46	G	1.31	1.20	1.44	8.92E-09	5.48E-09
6	rs3823355	29942083	T	0.39	0.29	C	1.57	1.43	1.73	2.85E-20	1.51E-20
6	rs2232236	29942191	T	0.18	0.20	G	0.93	0.83	1.05	2.37E-01	2.16E-01
6	rs400488	29943035	T	0.14	0.17	C	0.78	0.68	0.88	1.12E-04	1.42E-04
6	rs6904029	29943067	A	0.39	0.29	G	1.56	1.42	1.72	1.13E-19	5.84E-20
6	rs2735076	29943490	T	0.24	0.25	C	0.96	0.86	1.06	4.01E-01	4.16E-01
6	rs2394250	29943656	T	0.50	0.42	G	1.34	1.22	1.47	4.57E-10	3.28E-10
6	rs2245961	29944004	C	0.34	0.38	A	0.86	0.79	0.95	2.60E-03	2.60E-03
6	rs3823375	29944158	C	0.42	0.33	T	1.48	1.35	1.63	4.53E-16	3.15E-16

6	rs2571375	29945270	C	0.08	0.10	T	0.79	0.67	0.93	4.33E-03	6.02E-03
6	rs2246199	29945620	T	0.09	0.10	C	0.95	0.81	1.11	5.04E-01	5.76E-01
6	rs3132685	29945949	T	0.08	0.10	C	0.79	0.68	0.93	4.10E-03	5.83E-03
6	rs2108691	29948365	A	0.12	0.14	C	0.87	0.76	1.00	5.14E-02	6.87E-02
6	rs9260916	29948708	T	0.05	0.05	C	0.86	0.69	1.07	1.72E-01	1.58E-01
6	rs2394255	29949821	G	0.43	0.50	A	0.75	0.69	0.83	1.79E-09	2.29E-09
6	rs401618	29950210	C	0.22	0.26	T	0.79	0.71	0.88	2.49E-05	2.30E-05
6	rs11757750	29952162	C	0.06	0.06	T	0.98	0.81	1.19	8.56E-01	9.18E-01
6	rs17186937	29952814	C	0.06	0.06	T	0.98	0.81	1.19	8.66E-01	9.27E-01
6	rs4947244	29954364	G	0.37	0.28	C	1.51	1.37	1.66	1.52E-16	1.08E-16
6	rs5025708	29955199	G	0.12	0.12	T	0.97	0.84	1.11	6.39E-01	6.30E-01
6	rs12665186	29956842	G	0.06	0.06	A	0.98	0.81	1.18	8.16E-01	8.80E-01
6	rs9260930	29956953	C	0.05	0.05	T	0.87	0.70	1.08	2.06E-01	1.86E-01
6	rs4959039	29957069	G	0.37	0.28	A	1.50	1.36	1.66	2.61E-16	1.82E-16
6	rs12662611	29957077	T	0.06	0.06	C	0.98	0.81	1.18	8.16E-01	8.80E-01
6	rs9260967	29961367	A	0.11	0.12	G	0.92	0.80	1.07	2.87E-01	2.96E-01
6	rs9260984	29962268	A	0.05	0.05	G	0.87	0.70	1.08	2.03E-01	1.83E-01
6	rs6910898	29963179	C	0.11	0.12	T	0.93	0.80	1.08	3.21E-01	3.32E-01
6	rs9261035	29966175	A	0.05	0.05	G	0.87	0.70	1.08	2.02E-01	1.82E-01
6	rs9261040	29966620	G	0.04	0.05	A	0.82	0.66	1.02	7.39E-02	6.31E-02
6	rs356960	29968275	A	0.06	0.07	G	0.80	0.66	0.96	1.85E-02	2.49E-02
6	rs9261082	29969199	T	0.04	0.04	C	1.11	0.88	1.39	3.80E-01	4.24E-01
6	rs7758512	29970589	G	0.11	0.12	T	0.92	0.80	1.07	2.76E-01	2.86E-01
6	rs9261093	29970685	C	0.05	0.05	T	0.87	0.70	1.07	1.89E-01	1.71E-01
6	rs11965524	29973187	A	0.11	0.12	T	0.92	0.80	1.07	2.94E-01	3.03E-01
6	rs9261105	29974500	G	0.11	0.11	A	0.93	0.80	1.08	3.35E-01	3.44E-01
6	rs6940082	29975095	C	0.05	0.05	G	0.87	0.70	1.08	1.92E-01	1.71E-01
6	rs9261108	29975587	A	0.04	0.05	G	0.87	0.70	1.09	2.30E-01	2.11E-01
6	rs9261115	29977973	C	0.11	0.12	G	0.92	0.80	1.07	2.87E-01	2.96E-01
6	rs9261129	29979579	C	0.11	0.11	T	0.93	0.80	1.08	3.27E-01	3.35E-01
6	rs9261130	29980445	A	0.04	0.05	G	0.80	0.64	1.00	5.01E-02	4.33E-02
6	rs16896044	29981750	A	0.05	0.06	G	0.83	0.67	1.02	7.41E-02	6.89E-02
6	rs356954	29983538	G	0.22	0.26	A	0.79	0.71	0.88	1.98E-05	1.93E-05
6	rs9357092	29984252	A	0.37	0.28	G	1.52	1.38	1.68	3.18E-17	2.42E-17

6	rs6931776	29986427	G	0.11	0.12	A	0.92	0.80	1.07	2.87E-01	2.96E-01
6	rs165256	29986684	G	0.12	0.14	A	0.87	0.76	1.00	5.21E-02	7.10E-02
6	rs9261151	29987738	A	0.05	0.05	G	0.87	0.70	1.08	2.02E-01	1.82E-01
6	rs3129012	29988642	T	0.13	0.16	C	0.77	0.68	0.88	9.91E-05	1.32E-04
6	rs3891156	29988740	T	0.05	0.05	C	0.87	0.70	1.08	2.02E-01	1.82E-01
6	rs9261154	29990937	T	0.05	0.06	C	0.93	0.77	1.14	4.91E-01	4.53E-01
6	rs1150743	29992261	A	0.09	0.10	G	0.86	0.74	1.01	7.24E-02	5.61E-02
6	rs6925061	29992286	T	0.05	0.05	C	0.87	0.70	1.08	2.02E-01	1.82E-01
6	rs166325	29993196	G	0.06	0.07	C	0.79	0.65	0.95	1.45E-02	1.91E-02
6	rs9261171	29996121	G	0.05	0.05	A	0.87	0.70	1.08	2.03E-01	1.83E-01
6	rs9261174	29996855	C	0.10	0.11	T	0.94	0.80	1.09	3.97E-01	4.15E-01
6	rs9261189	30000280	T	0.11	0.12	C	0.93	0.80	1.07	3.07E-01	3.16E-01
6	rs16896923	30000687	C	0.05	0.06	T	0.82	0.66	1.01	6.59E-02	5.98E-02
6	rs10947046	30000973	G	0.06	0.06	T	0.98	0.81	1.19	8.62E-01	9.26E-01
6	rs9261193	30002173	C	0.05	0.05	T	0.87	0.70	1.08	2.03E-01	1.83E-01
6	rs166327	30002881	G	0.37	0.42	A	0.79	0.72	0.87	6.79E-07	6.90E-07
6	rs3869067	30003797	C	0.11	0.12	T	0.92	0.80	1.07	2.87E-01	2.96E-01
6	rs3869068	30004052	A	0.11	0.12	G	0.93	0.80	1.07	3.00E-01	3.10E-01
6	rs9261203	30005043	G	0.05	0.05	A	0.87	0.70	1.08	2.03E-01	1.83E-01
6	rs4711207	30005754	A	0.37	0.28	C	1.56	1.41	1.72	7.11E-19	4.77E-19
6	rs9261207	30006482	C	0.05	0.05	T	0.88	0.71	1.09	2.28E-01	2.06E-01
6	rs259937	30007493	G	0.06	0.07	A	0.79	0.66	0.96	1.57E-02	2.08E-02
6	rs9261212	30008996	C	0.13	0.13	T	0.98	0.86	1.13	8.06E-01	7.99E-01
6	rs9261216	30010139	G	0.11	0.12	A	0.92	0.80	1.07	2.94E-01	3.03E-01
6	rs259940	30011934	C	0.22	0.26	T	0.79	0.71	0.88	1.32E-05	1.27E-05
6	rs9261224	30013887	T	0.09	0.09	C	1.00	0.85	1.18	9.98E-01	9.84E-01
6	rs259942	30015167	A	0.13	0.16	G	0.83	0.72	0.94	4.71E-03	5.35E-03
6	rs3132128	30016190	C	0.13	0.13	T	0.99	0.86	1.13	8.56E-01	8.45E-01
6	rs7771476	30016573	G	0.05	0.05	A	0.87	0.70	1.08	2.02E-01	1.82E-01
6	rs28570682	30021740	C	0.04	0.04	T	1.14	0.91	1.44	2.63E-01	2.31E-01
6	rs9261256	30021941	G	0.09	0.09	C	0.98	0.84	1.16	8.52E-01	8.60E-01
6	rs7761314	30022153	T	0.09	0.09	C	0.98	0.84	1.16	8.44E-01	8.52E-01
6	rs9261258	30022808	A	0.09	0.09	G	0.98	0.84	1.16	8.29E-01	8.35E-01
6	rs3869070	30023868	C	0.51	0.46	T	1.25	1.14	1.37	2.17E-06	3.26E-06

6	rs9366752	30024677	T	0.31	0.23	C	1.47	1.33	1.63	1.82E-13	1.74E-13
6	rs9261263	30024749	G	0.05	0.05	C	0.87	0.70	1.07	1.86E-01	1.68E-01
6	rs259919	30025503	T	0.28	0.31	C	0.87	0.79	0.97	7.84E-03	8.00E-03
6	rs3757333	30028606	A	0.04	0.04	C	1.14	0.91	1.44	2.64E-01	2.32E-01
6	rs1150740	30030689	T	0.08	0.10	G	0.78	0.67	0.92	3.54E-03	5.03E-03
6	rs9261277	30031091	C	0.09	0.09	T	0.98	0.84	1.16	8.33E-01	8.39E-01
6	rs1150739	30031345	G	0.35	0.40	A	0.81	0.73	0.89	8.80E-06	8.29E-06
6	rs8321	30032522	G	0.08	0.09	T	0.81	0.68	0.95	1.05E-02	1.26E-02
6	rs3807031	30033884	A	0.27	0.20	C	1.43	1.28	1.59	7.26E-11	7.74E-11
6	rs9261281	30035341	A	0.08	0.08	G	1.00	0.85	1.18	9.97E-01	9.48E-01
6	rs9261285	30036083	A	0.05	0.05	C	0.87	0.70	1.08	2.00E-01	1.81E-01
6	rs17187693	30036333	C	0.05	0.06	G	0.83	0.67	1.02	7.40E-02	6.85E-02
6	rs17187707	30036528	G	0.06	0.04	A	1.58	1.28	1.95	2.30E-05	2.44E-05
6	rs9261288	30037353	T	0.04	0.04	C	0.88	0.69	1.11	2.85E-01	2.89E-01
6	rs1245371	30038352	C	0.22	0.27	T	0.79	0.71	0.88	1.13E-05	1.06E-05
6	rs9261290	30038647	C	0.08	0.09	T	0.81	0.68	0.95	1.05E-02	1.27E-02
6	rs2301753	30039240	A	0.11	0.12	C	0.90	0.77	1.04	1.57E-01	1.63E-01
6	rs2074480	30040810	C	0.11	0.12	A	0.92	0.80	1.07	2.85E-01	2.94E-01
6	rs2074479	30041009	C	0.11	0.12	T	0.92	0.80	1.07	2.87E-01	2.96E-01
6	rs9261301	30041559	G	0.52	0.46	A	1.23	1.12	1.34	1.44E-05	1.92E-05
6	rs3807034	30043992	C	0.13	0.15	T	0.88	0.77	1.00	5.46E-02	5.39E-02
6	rs3807035	30044827	T	0.13	0.14	C	0.88	0.77	1.01	6.24E-02	6.03E-02
6	rs1150735	30045199	T	0.30	0.36	C	0.77	0.70	0.85	1.93E-07	2.03E-07
6	rs2394734	30046246	A	0.16	0.18	G	0.83	0.74	0.94	3.32E-03	3.59E-03
6	rs1150733	30046427	T	0.03	0.04	C	0.90	0.70	1.15	3.89E-01	4.22E-01
6	rs4711209	30047403	A	0.37	0.28	G	1.52	1.38	1.67	4.28E-17	3.20E-17
6	rs9261316	30047837	A	0.05	0.05	G	0.87	0.70	1.08	2.12E-01	1.92E-01
6	rs9261317	30048305	T	0.05	0.05	A	0.87	0.70	1.08	2.03E-01	1.83E-01
6	rs6909253	30055643	G	0.51	0.42	T	1.42	1.30	1.56	4.39E-14	6.80E-14
6	rs9261361	30055933	G	0.05	0.05	A	0.87	0.70	1.08	1.99E-01	1.80E-01
6	rs1264708	30057154	C	0.20	0.23	T	0.82	0.73	0.92	5.16E-04	5.04E-04
6	rs9261371	30058988	T	0.13	0.14	C	0.86	0.75	0.98	2.84E-02	2.87E-02
6	rs9261375	30059451	G	0.05	0.05	A	0.88	0.71	1.09	2.43E-01	2.21E-01
6	rs7753935	30060783	A	0.13	0.16	C	0.81	0.71	0.92	1.64E-03	1.96E-03

6	rs17187805	30061202	A	0.13	0.16	G	0.81	0.71	0.92	1.70E-03	2.01E-03
6	rs9261387	30061361	T	0.09	0.09	C	1.03	0.88	1.21	7.34E-01	7.41E-01
6	rs6923832	30062058	A	0.05	0.05	G	0.87	0.70	1.08	1.97E-01	1.77E-01
6	rs7765810	30063496	A	0.16	0.20	C	0.79	0.70	0.89	1.33E-04	1.78E-04
6	rs1264706	30063652	G	0.08	0.10	C	0.81	0.69	0.96	1.38E-02	1.68E-02
6	rs9261394	30064562	A	0.51	0.42	G	1.43	1.31	1.57	1.73E-14	3.30E-14
6	rs1264704	30065319	T	0.25	0.29	C	0.81	0.73	0.90	9.45E-05	8.47E-05
6	rs1264702	30065575	G	0.19	0.23	A	0.82	0.74	0.92	6.52E-04	9.58E-04
6	rs916570	30066031	C	0.22	0.26	T	0.79	0.71	0.88	1.21E-05	1.90E-05
6	rs1264701	30066358	A	0.17	0.19	C	0.86	0.76	0.97	1.51E-02	1.44E-02
6	rs1264695	30067892	C	0.20	0.24	T	0.82	0.73	0.91	3.18E-04	4.92E-04
6	rs9261403	30069525	T	0.04	0.05	G	0.80	0.63	1.00	5.36E-02	5.32E-02
6	rs1116221	30071330	A	0.22	0.26	G	0.79	0.71	0.88	2.24E-05	4.38E-05
6	rs11964542	30071760	C	0.03	0.03	T	1.27	0.98	1.66	7.38E-02	5.94E-02
6	rs2844796	30072511	T	0.20	0.23	C	0.83	0.74	0.93	1.07E-03	1.65E-03
6	rs3132680	30073195	T	0.39	0.32	G	1.31	1.19	1.44	2.62E-08	3.02E-08
6	rs2844795	30073847	G	0.49	0.44	A	1.22	1.12	1.34	1.73E-05	1.74E-05
6	rs3132679	30075843	A	0.16	0.15	G	1.08	0.95	1.23	2.28E-01	2.30E-01
6	rs2023472	30075864	T	0.40	0.39	C	1.05	0.96	1.15	3.01E-01	2.87E-01
6	rs2074483	30076755	T	0.36	0.40	C	0.86	0.78	0.94	1.51E-03	2.39E-03
6	rs9378220	30077135	A	0.13	0.16	C	0.78	0.68	0.89	2.22E-04	1.35E-04
6	rs2523990	30077229	T	0.44	0.47	C	0.86	0.79	0.95	2.05E-03	1.49E-03
6	rs4959041	30077967	C	0.38	0.30	T	1.44	1.31	1.59	4.26E-14	4.82E-14
6	rs2523989	30078275	A	0.11	0.14	G	0.79	0.69	0.91	1.17E-03	1.67E-03
6	rs2523987	30079993	G	0.10	0.13	T	0.81	0.70	0.94	4.78E-03	5.63E-03
6	rs3734838	30080231	A	0.07	0.09	G	0.73	0.61	0.87	4.86E-04	5.93E-04
6	rs2517598	30080274	T	0.12	0.14	C	0.79	0.69	0.90	6.70E-04	1.02E-03
6	rs2523984	30082003	A	0.12	0.14	G	0.79	0.69	0.90	6.83E-04	1.06E-03
6	rs2245420	30082688	C	0.12	0.14	G	0.79	0.69	0.91	8.89E-04	1.32E-03
6	rs2523981	30083182	A	0.10	0.13	G	0.80	0.69	0.93	2.57E-03	3.25E-03
6	rs2523979	30083515	T	0.10	0.13	A	0.81	0.70	0.93	3.66E-03	4.60E-03
6	rs9261434	30087776	G	0.12	0.12	C	1.00	0.87	1.15	9.69E-01	9.57E-01
6	rs9261441	30091758	A	0.09	0.12	G	0.70	0.60	0.82	7.60E-06	1.09E-05
6	rs17455565	30092308	A	0.01	0.02	T	0.65	0.43	0.97	3.27E-02	5.01E-02

6	rs1419675	30092707	C	0.25	0.26	A	0.97	0.88	1.08	6.23E-01	6.47E-01
6	rs1419674	30092935	A	0.03	0.03	C	0.96	0.75	1.23	7.41E-01	7.81E-01
6	rs2517592	30093137	A	0.19	0.24	G	0.74	0.66	0.83	2.52E-07	4.32E-07
6	rs10947055	30093364	C	0.09	0.07	T	1.30	1.10	1.53	2.02E-03	1.75E-03
6	rs9261442	30093744	G	0.29	0.23	A	1.35	1.21	1.49	1.29E-08	1.29E-08
6	rs9261444	30094611	T	0.29	0.23	C	1.34	1.21	1.49	2.15E-08	2.26E-08
6	rs9261447	30095202	C	0.30	0.25	T	1.30	1.18	1.44	2.49E-07	2.13E-07
6	rs9261448	30095329	C	0.29	0.23	T	1.36	1.23	1.51	4.23E-09	4.51E-09
6	rs10947056	30095603	G	0.09	0.07	C	1.29	1.09	1.53	2.47E-03	2.14E-03
6	rs9261450	30097818	G	0.30	0.25	A	1.31	1.18	1.45	2.07E-07	1.69E-07
6	rs757263	30098323	A	0.30	0.25	G	1.31	1.18	1.45	1.96E-07	1.61E-07
6	rs9261453	30099948	G	0.30	0.25	A	1.31	1.18	1.45	2.16E-07	1.82E-07
6	rs9261455	30099996	G	0.30	0.25	T	1.31	1.18	1.45	2.16E-07	1.82E-07
6	rs1362104	30101656	T	0.31	0.38	C	0.74	0.67	0.82	1.57E-09	1.14E-09
6	rs1541268	30103394	C	0.29	0.24	T	1.34	1.21	1.48	2.33E-08	2.49E-08
6	rs2021723	30103923	T	0.13	0.13	C	0.95	0.83	1.09	5.05E-01	5.22E-01
6	rs9261468	30104480	G	0.29	0.23	A	1.35	1.22	1.50	9.75E-09	1.01E-08
6	rs2107202	30105743	A	0.25	0.26	G	0.98	0.88	1.09	7.13E-01	7.42E-01
6	rs2857440	30106493	C	0.29	0.24	T	1.33	1.20	1.48	3.46E-08	3.58E-08
6	rs9261487	30109207	A	0.02	0.02	C	0.73	0.51	1.02	6.65E-02	8.60E-02
6	rs9261488	30109412	T	0.29	0.23	C	1.34	1.21	1.49	1.98E-08	2.00E-08
6	rs9261492	30110058	A	0.31	0.25	G	1.29	1.16	1.42	9.15E-07	9.32E-07
6	rs9261505	30112408	G	0.29	0.23	A	1.34	1.21	1.49	1.66E-08	1.64E-08
6	rs9261511	30113245	A	0.29	0.23	C	1.36	1.22	1.51	5.62E-09	5.84E-09
6	rs3815081	30114074	C	0.13	0.15	T	0.84	0.74	0.96	1.16E-02	7.59E-03
6	rs757262	30114955	A	0.29	0.23	G	1.34	1.21	1.49	2.09E-08	2.05E-08
6	rs757260	30115204	A	0.13	0.10	G	1.30	1.13	1.50	2.86E-04	2.93E-04
6	rs757259	30115542	T	0.29	0.23	C	1.34	1.21	1.48	3.05E-08	3.02E-08
6	rs3132676	30116078	T	0.16	0.16	C	1.02	0.90	1.15	7.73E-01	7.52E-01
6	rs9261519	30117101	C	0.31	0.25	T	1.29	1.17	1.43	5.74E-07	5.83E-07
6	rs1557611	30118360	A	0.29	0.23	G	1.34	1.20	1.48	3.39E-08	3.42E-08
6	rs1557608	30118582	C	0.34	0.29	A	1.26	1.15	1.39	2.08E-06	2.01E-06
6	rs1557607	30118637	C	0.29	0.23	T	1.34	1.21	1.48	2.45E-08	2.38E-08
6	rs9468692	30119890	T	0.09	0.07	G	1.30	1.10	1.53	2.10E-03	2.06E-03

6	rs2257914	30120563	T	0.13	0.14	G	0.95	0.83	1.09	4.70E-01	4.97E-01
6	rs2022065	30121460	A	0.35	0.31	G	1.19	1.08	1.32	3.40E-04	3.16E-04
6	rs3734840	30121605	C	0.17	0.20	T	0.81	0.72	0.92	7.56E-04	4.44E-04
6	rs2517646	30122575	G	0.35	0.35	A	1.01	0.92	1.11	7.90E-01	7.15E-01
6	rs9261535	30127323	A	0.29	0.23	G	1.35	1.22	1.50	1.12E-08	1.11E-08
6	rs12212092	30128442	T	0.09	0.07	C	1.19	1.01	1.41	4.40E-02	4.30E-02
6	rs9261536	30131349	T	0.12	0.12	C	0.99	0.86	1.14	8.88E-01	8.90E-01
6	rs17188127	30135102	T	0.02	0.02	C	1.37	0.97	1.92	7.32E-02	6.90E-02
6	rs9368624	30135977	A	0.15	0.18	G	0.81	0.72	0.92	1.36E-03	1.03E-03
6	rs929157	30137209	T	0.12	0.13	C	0.90	0.78	1.04	1.43E-01	1.65E-01
6	rs2074475	30137890	G	0.01	0.02	A	0.70	0.47	1.05	8.49E-02	8.33E-02
6	rs1029238	30138645	T	0.09	0.11	C	0.78	0.67	0.91	1.98E-03	1.84E-03
6	rs929156	30139699	T	0.31	0.25	C	1.31	1.19	1.45	1.31E-07	1.20E-07
6	rs6905949	30140525	C	0.14	0.17	T	0.77	0.68	0.88	9.93E-05	9.88E-05
6	rs13212414	30140540	T	0.08	0.06	A	1.41	1.17	1.69	2.50E-04	2.36E-04
6	rs2844787	30140913	C	0.22	0.22	A	0.97	0.87	1.09	6.39E-01	7.07E-01
6	rs9380156	30141042	G	0.14	0.16	A	0.84	0.73	0.95	7.92E-03	5.18E-03
6	rs957765	30142690	A	0.29	0.23	G	1.34	1.21	1.48	2.51E-08	2.36E-08
6	rs9261538	30143491	C	0.09	0.10	T	0.97	0.83	1.14	7.18E-01	7.70E-01
6	rs2844786	30144420	T	0.37	0.30	G	1.34	1.22	1.48	3.04E-09	2.82E-09
6	rs9261539	30145083	A	0.50	0.45	G	1.22	1.11	1.34	2.38E-05	1.43E-05
6	rs9261543	30146650	G	0.50	0.45	A	1.22	1.11	1.34	2.61E-05	1.55E-05
6	rs28743267	30147689	G	0.13	0.10	T	1.27	1.11	1.47	7.71E-04	7.93E-04
6	rs2844782	30150043	A	0.37	0.30	C	1.35	1.23	1.49	1.04E-09	1.00E-09
6	rs2428504	30151370	G	0.07	0.07	A	1.08	0.91	1.29	3.88E-01	3.45E-01
6	rs9366754	30152033	C	0.14	0.16	G	0.84	0.73	0.96	8.68E-03	5.55E-03
6	rs9261547	30154928	G	0.12	0.12	A	1.00	0.87	1.15	9.98E-01	1.00E+00
6	rs6457164	30155108	T	0.50	0.45	C	1.22	1.12	1.34	1.84E-05	1.18E-05
6	rs6457167	30155313	T	0.50	0.45	C	1.22	1.11	1.34	1.95E-05	1.25E-05
6	rs2074471	30156802	T	0.01	0.02	C	0.69	0.48	1.01	5.31E-02	4.99E-02
6	rs765977	30157654	A	0.50	0.45	G	1.23	1.12	1.34	1.59E-05	1.03E-05
6	rs718254	30159039	C	0.50	0.45	G	1.22	1.11	1.33	3.17E-05	1.98E-05
6	rs2284165	30160055	G	0.22	0.20	C	1.08	0.97	1.21	1.75E-01	1.81E-01
6	rs4711211	30162809	G	0.29	0.23	A	1.34	1.21	1.48	2.65E-08	2.52E-08

6	rs2517614	30163955	T	0.19	0.20	C	0.96	0.86	1.08	5.00E-01	5.77E-01
6	rs3778622	30165316	A	0.29	0.23	T	1.33	1.20	1.48	3.80E-08	3.71E-08
6	rs28360011	30166945	G	0.04	0.04	A	0.97	0.76	1.24	8.21E-01	8.68E-01
6	rs28360013	30168202	C	0.07	0.07	T	1.08	0.90	1.29	3.90E-01	3.48E-01
6	rs2517612	30169092	C	0.12	0.13	T	0.90	0.78	1.04	1.46E-01	1.68E-01
6	rs2517611	30169327	C	0.19	0.20	T	0.96	0.86	1.08	5.21E-01	6.01E-01
6	rs28730510	30170057	G	0.14	0.16	C	0.84	0.74	0.96	1.14E-02	7.27E-03
6	rs2844776	30171827	G	0.20	0.21	A	0.95	0.85	1.07	4.27E-01	5.05E-01
6	rs971570	30172513	G	0.20	0.20	T	0.96	0.86	1.08	4.93E-01	5.69E-01
6	rs885913	30174428	A	0.12	0.13	T	0.90	0.79	1.04	1.56E-01	1.79E-01
6	rs9261564	30174590	T	0.06	0.07	C	0.82	0.68	0.99	3.78E-02	4.24E-02
6	rs10947058	30176122	T	0.07	0.05	C	1.41	1.17	1.71	3.11E-04	2.81E-04
6	rs3132671	30178287	A	0.50	0.45	G	1.22	1.12	1.34	1.89E-05	1.19E-05
6	rs3130383	30179026	C	0.50	0.45	A	1.22	1.12	1.34	1.84E-05	1.15E-05
6	rs11967808	30179188	C	0.02	0.02	G	1.41	1.02	1.97	3.90E-02	3.53E-02
6	rs2844775	30179422	T	0.30	0.25	C	1.32	1.19	1.46	7.44E-08	6.80E-08
6	rs2188100	30181883	T	0.12	0.13	C	0.90	0.78	1.04	1.46E-01	1.68E-01
6	rs1345229	30182395	T	0.08	0.10	C	0.75	0.63	0.88	4.50E-04	4.43E-04
6	rs9261567	30185244	C	0.12	0.15	T	0.79	0.69	0.91	7.76E-04	8.22E-04
6	rs2106070	30186863	C	0.49	0.45	T	1.21	1.10	1.32	7.19E-05	4.90E-05
6	rs3094132	30187434	G	0.50	0.45	C	1.22	1.11	1.34	2.32E-05	1.44E-05
6	rs3130391	30190640	T	0.50	0.45	C	1.22	1.11	1.34	2.33E-05	1.44E-05
6	rs9261578	30192467	G	0.15	0.19	C	0.75	0.66	0.85	4.86E-06	5.03E-06
6	rs2040486	30194103	G	0.50	0.45	T	1.22	1.11	1.34	2.32E-05	1.44E-05
6	rs3129690	30196855	C	0.50	0.45	T	1.22	1.11	1.34	2.64E-05	1.65E-05
6	rs3094138	30199016	G	0.14	0.14	A	0.96	0.84	1.10	5.84E-01	5.85E-01
6	rs1573295	30199067	T	0.50	0.45	C	1.22	1.11	1.34	2.32E-05	1.44E-05
6	rs17188268	30199358	A	0.02	0.02	G	1.38	0.99	1.92	5.82E-02	5.35E-02
6	rs3132674	30202429	A	0.50	0.45	G	1.22	1.11	1.34	2.24E-05	1.37E-05
6	rs885916	30202571	A	0.12	0.13	G	0.90	0.79	1.04	1.56E-01	1.79E-01
6	rs885914	30202767	G	0.38	0.32	T	1.31	1.19	1.44	5.55E-08	4.43E-08
6	rs2844780	30204526	A	0.38	0.32	C	1.31	1.19	1.44	5.55E-08	4.38E-08
6	rs2844779	30205407	A	0.37	0.31	C	1.29	1.17	1.42	2.27E-07	1.75E-07
6	rs10456378	30206186	A	0.07	0.05	G	1.41	1.17	1.71	3.10E-04	2.89E-04

6	rs2844773	30207495	T	0.13	0.14	G	0.92	0.81	1.06	2.44E-01	2.85E-01
6	rs2285801	30209493	C	0.51	0.46	T	1.23	1.12	1.35	9.37E-06	5.31E-06
6	rs1362089	30209802	C	0.51	0.46	A	1.23	1.12	1.35	9.37E-06	5.31E-06
6	rs1362088	30209836	G	0.01	0.02	A	0.71	0.47	1.06	8.73E-02	8.63E-02
6	rs9261588	30210807	T	0.12	0.12	G	0.99	0.86	1.14	9.27E-01	9.24E-01
6	rs12176323	30212504	T	0.01	0.02	C	0.70	0.47	1.05	8.69E-02	8.60E-02
6	rs3132662	30215592	T	0.49	0.44	C	1.20	1.10	1.32	8.28E-05	5.31E-05
6	rs2516723	30221442	G	0.49	0.44	A	1.20	1.09	1.31	1.04E-04	6.79E-05
6	rs1579219	30224305	A	0.13	0.16	G	0.84	0.73	0.95	8.17E-03	3.86E-03
6	rs3094078	30224970	T	0.08	0.10	A	0.85	0.72	1.00	4.52E-02	5.26E-02
6	rs962899	30226811	C	0.19	0.22	G	0.80	0.71	0.90	1.87E-04	8.21E-05
6	rs2844766	30230661	G	0.33	0.37	A	0.83	0.76	0.92	2.01E-04	1.58E-04
6	rs3094073	30231224	T	0.13	0.15	C	0.89	0.78	1.02	1.01E-01	1.27E-01
6	rs3129831	30234627	T	0.13	0.15	A	0.89	0.78	1.02	9.91E-02	1.25E-01
6	rs9378145	30236331	C	0.13	0.15	G	0.84	0.73	0.96	9.44E-03	4.59E-03
6	rs2844761	30237454	C	0.19	0.22	T	0.84	0.75	0.94	2.99E-03	1.64E-03
6	rs2097773	30240926	T	0.19	0.22	G	0.84	0.75	0.94	2.99E-03	1.64E-03
6	rs9393999	30241114	G	0.13	0.15	A	0.84	0.73	0.96	8.40E-03	4.07E-03
6	rs28780093	30242171	G	0.10	0.12	A	0.80	0.69	0.93	3.33E-03	3.41E-03
6	rs968909	30244579	A	0.24	0.27	G	0.86	0.77	0.95	4.70E-03	2.99E-03
6	rs2844754	30246212	T	0.05	0.05	G	0.95	0.77	1.18	6.58E-01	7.09E-01
6	rs2844753	30248424	G	0.09	0.07	A	1.25	1.05	1.48	1.00E-02	7.78E-03
6	rs2394779	30252606	C	0.13	0.15	A	0.84	0.73	0.96	8.46E-03	4.07E-03
6	rs1132547	30253339	C	0.06	0.07	A	0.91	0.75	1.10	3.20E-01	3.47E-01
6	rs10484551	30256838	A	0.05	0.05	G	0.99	0.80	1.22	8.98E-01	9.43E-01
6	rs17194767	30256885	T	0.05	0.05	C	0.99	0.80	1.23	9.12E-01	9.60E-01
6	rs1264622	30256936	A	0.17	0.17	G	1.01	0.89	1.14	9.01E-01	7.97E-01
6	rs2285799	30257693	G	0.05	0.05	A	0.98	0.79	1.22	8.86E-01	9.37E-01
6	rs4713309	30258708	T	0.05	0.05	C	0.99	0.80	1.23	9.19E-01	9.64E-01
6	rs1045251	30259657	A	0.19	0.22	C	0.84	0.75	0.94	2.99E-03	1.64E-03
6	rs11752362	30260982	T	0.11	0.14	C	0.76	0.65	0.87	1.22E-04	1.24E-04
6	rs1048664	30262512	C	0.05	0.05	T	0.96	0.78	1.18	6.69E-01	7.22E-01
6	rs1264616	30264307	A	0.19	0.22	G	0.84	0.75	0.94	2.83E-03	1.56E-03
6	rs261950	30269561	A	0.25	0.28	T	0.87	0.79	0.97	1.11E-02	6.89E-03

6	rs261949	30270080	T	0.20	0.23	C	0.84	0.75	0.94	2.80E-03	1.52E-03
6	rs261946	30271334	C	0.31	0.26	T	1.27	1.15	1.40	3.77E-06	2.83E-06
6	rs4713310	30271792	A	0.05	0.05	G	1.05	0.85	1.28	6.61E-01	6.40E-01
6	rs9380167	30274461	G	0.25	0.28	A	0.88	0.79	0.97	1.22E-02	7.84E-03
6	rs928822	30275246	C	0.46	0.41	A	1.25	1.14	1.37	1.87E-06	1.56E-06
6	rs1264608	30278112	A	0.09	0.07	G	1.21	1.02	1.43	2.72E-02	2.19E-02
6	rs3130380	30279130	A	0.08	0.10	G	0.84	0.72	0.99	4.02E-02	4.82E-02
6	rs3094065	30282332	A	0.12	0.12	G	1.00	0.87	1.14	9.45E-01	9.52E-01
6	rs6912771	30284375	A	0.25	0.28	C	0.87	0.79	0.97	1.05E-02	6.73E-03
6	rs9357097	30285121	T	0.24	0.26	C	0.89	0.80	0.98	2.43E-02	1.71E-02
6	rs6924282	30285883	A	0.25	0.28	G	0.88	0.79	0.98	1.67E-02	1.11E-02
6	rs9366755	30286729	T	0.13	0.15	C	0.83	0.73	0.95	6.94E-03	3.34E-03
6	rs6900042	30289271	T	0.25	0.28	C	0.88	0.80	0.98	1.88E-02	1.28E-02
6	rs12174823	30292083	C	0.12	0.14	T	0.86	0.75	0.98	2.79E-02	1.54E-02
6	rs28360024	30292147	T	0.06	0.07	C	0.90	0.75	1.09	2.93E-01	3.18E-01
6	rs17194824	30293186	A	0.05	0.05	G	0.96	0.78	1.18	6.69E-01	7.22E-01
6	rs1264583	30293483	A	0.09	0.07	G	1.21	1.02	1.43	2.72E-02	2.19E-02
6	rs3094064	30296253	T	0.09	0.10	C	0.86	0.74	1.01	7.04E-02	8.57E-02
6	rs1264581	30297505	A	0.09	0.07	G	1.22	1.03	1.44	2.16E-02	1.69E-02
6	rs3094067	30299245	C	0.08	0.10	A	0.85	0.72	1.00	5.19E-02	6.07E-02
6	rs12663184	30301600	T	0.10	0.12	C	0.80	0.68	0.93	3.07E-03	3.09E-03
6	rs3778624	30302600	G	0.20	0.23	T	0.87	0.78	0.97	1.31E-02	7.22E-03
6	rs7767653	30304816	A	0.06	0.07	G	0.91	0.75	1.09	3.00E-01	3.25E-01
6	rs3129840	30307342	C	0.13	0.14	G	0.90	0.79	1.03	1.10E-01	1.39E-01
6	rs9380173	30309105	A	0.12	0.14	G	0.86	0.75	0.99	2.97E-02	1.63E-02
6	rs2240058	30310500	G	0.12	0.14	A	0.86	0.75	0.99	2.97E-02	1.63E-02
6	rs6931763	30311932	C	0.11	0.14	A	0.75	0.65	0.87	8.06E-05	7.70E-05
6	rs974962	30314607	C	0.12	0.14	T	0.86	0.75	0.98	2.58E-02	1.40E-02
6	rs974961	30315011	T	0.31	0.26	A	1.27	1.15	1.41	2.25E-06	1.67E-06
6	rs9394003	30315210	G	0.20	0.23	A	0.86	0.77	0.96	8.80E-03	4.77E-03
6	rs9380174	30316739	T	0.20	0.22	C	0.84	0.75	0.94	3.17E-03	1.70E-03
6	rs34266569	30316980	C	0.05	0.04	A	1.12	0.90	1.39	3.25E-01	3.60E-01
6	rs3130364	30319154	T	0.08	0.10	A	0.85	0.72	1.00	4.38E-02	5.23E-02
6	rs3132649	30321057	T	0.10	0.11	C	0.90	0.78	1.05	1.73E-01	2.10E-01

6	rs3094061	30321189	G	0.10	0.11	T	0.90	0.78	1.05	1.74E-01	2.12E-01
6	rs984802	30321361	A	0.24	0.23	C	1.05	0.94	1.17	4.08E-01	4.90E-01
6	rs3130377	30323393	T	0.08	0.10	C	0.84	0.71	0.98	3.08E-02	3.79E-02
6	rs3094626	30323623	G	0.37	0.38	A	0.96	0.88	1.06	4.37E-01	3.99E-01
6	rs3130379	30325531	T	0.21	0.23	C	0.93	0.83	1.04	1.92E-01	2.14E-01
6	rs3130350	30327839	T	0.08	0.10	G	0.84	0.71	0.99	3.34E-02	4.18E-02
6	rs3130351	30328192	T	0.08	0.10	C	0.84	0.71	0.99	3.41E-02	4.21E-02
6	rs3094621	30328753	G	0.09	0.10	A	0.83	0.71	0.97	2.22E-02	2.85E-02
6	rs3132647	30330737	C	0.08	0.10	T	0.84	0.71	0.98	2.95E-02	3.65E-02
6	rs1012411	30332555	C	0.29	0.30	A	0.92	0.83	1.02	1.19E-01	1.45E-01
6	rs3094054	30333505	A	0.09	0.10	C	0.84	0.72	0.99	3.41E-02	4.23E-02
6	rs2040450	30334339	A	0.14	0.13	G	1.05	0.92	1.20	4.51E-01	4.51E-01
6	rs2057726	30335350	G	0.13	0.14	A	0.94	0.82	1.07	3.37E-01	4.08E-01
6	rs2022079	30337738	A	0.28	0.28	G	1.04	0.93	1.15	5.11E-01	6.00E-01
6	rs17839997	30339293	C	0.05	0.06	A	0.86	0.70	1.06	1.45E-01	1.78E-01
6	rs3130361	30339564	A	0.21	0.22	G	0.93	0.83	1.04	1.98E-01	2.20E-01
6	rs2844746	30339602	A	0.36	0.36	G	0.98	0.89	1.08	6.28E-01	6.77E-01
6	rs2844745	30343703	G	0.43	0.42	A	1.05	0.96	1.15	3.11E-01	3.01E-01
6	rs3132631	30344645	A	0.09	0.11	G	0.83	0.71	0.97	1.91E-02	2.19E-02
6	rs3094062	30344690	T	0.43	0.45	C	0.93	0.85	1.02	1.04E-01	9.64E-02
6	rs3132630	30345118	A	0.09	0.11	G	0.83	0.71	0.97	1.76E-02	2.06E-02
6	rs1419653	30345139	A	0.43	0.45	G	0.93	0.85	1.02	1.03E-01	9.55E-02
6	rs3129822	30346208	T	0.09	0.11	G	0.83	0.71	0.97	1.74E-02	2.03E-02
6	rs9404964	30347833	C	0.28	0.28	T	1.03	0.93	1.14	5.60E-01	6.55E-01
6	rs3132622	30348674	A	0.43	0.45	G	0.93	0.85	1.02	1.16E-01	1.09E-01
6	rs3094623	30349201	T	0.43	0.45	C	0.93	0.85	1.02	1.09E-01	1.02E-01
6	rs2524211	30350660	T	0.14	0.14	C	1.05	0.92	1.20	4.38E-01	4.32E-01
6	rs28780099	30351417	G	0.06	0.07	A	0.85	0.70	1.04	1.06E-01	1.05E-01
6	rs3130126	30353739	A	0.09	0.11	C	0.83	0.71	0.97	1.86E-02	2.20E-02
6	rs3094028	30354642	T	0.43	0.45	C	0.93	0.85	1.02	1.03E-01	9.65E-02
6	rs3130140	30357780	C	0.41	0.42	T	0.95	0.87	1.04	2.75E-01	2.71E-01
6	rs3094051	30358151	C	0.43	0.45	T	0.93	0.85	1.02	1.02E-01	9.54E-02
6	rs3130143	30358216	C	0.43	0.45	G	0.92	0.84	1.01	9.30E-02	8.74E-02
6	rs3094050	30358591	C	0.09	0.11	T	0.83	0.71	0.97	2.02E-02	2.35E-02

6	rs3094700	30360068	A	0.43	0.44	G	0.93	0.85	1.02	1.11E-01	1.03E-01
6	rs3094697	30361232	G	0.43	0.45	A	0.93	0.84	1.02	9.88E-02	9.23E-02
6	rs3094042	30361418	T	0.43	0.44	C	0.93	0.85	1.02	1.07E-01	1.00E-01
6	rs2516685	30361608	C	0.43	0.42	T	1.05	0.96	1.15	3.12E-01	3.02E-01
6	rs2516684	30362995	T	0.14	0.14	C	1.05	0.92	1.20	4.72E-01	4.64E-01
6	rs3130113	30363945	T	0.43	0.45	C	0.93	0.85	1.02	1.09E-01	1.02E-01
6	rs17475879	30364508	T	0.06	0.07	C	0.86	0.71	1.04	1.12E-01	1.09E-01
6	rs1264569	30365320	G	0.23	0.22	A	1.04	0.94	1.16	4.48E-01	3.96E-01
6	rs1264567	30366100	G	0.18	0.18	A	0.98	0.87	1.10	6.91E-01	6.86E-01
6	rs12203316	30368012	C	0.21	0.18	T	1.16	1.03	1.30	1.38E-02	1.52E-02
6	rs1034323	30368635	A	0.45	0.41	G	1.19	1.08	1.31	2.70E-04	4.62E-04
6	rs9261743	30369040	T	0.25	0.23	G	1.11	1.00	1.24	5.72E-02	7.78E-02
6	rs10947072	30372278	T	0.22	0.20	C	1.10	0.99	1.23	8.53E-02	9.56E-02
6	rs7741364	30372570	A	0.41	0.37	G	1.19	1.08	1.31	2.96E-04	3.61E-04
6	rs9261761	30372987	A	0.19	0.16	G	1.19	1.05	1.34	5.40E-03	5.30E-03
6	rs1264551	30377173	T	0.22	0.23	C	0.93	0.83	1.04	1.93E-01	2.06E-01
6	rs1264550	30377198	T	0.37	0.40	C	0.88	0.81	0.97	1.08E-02	1.16E-02
6	rs1264547	30378447	T	0.22	0.23	C	0.93	0.84	1.04	2.00E-01	2.13E-01
6	rs9261817	30378601	C	0.19	0.16	A	1.19	1.05	1.34	5.04E-03	4.94E-03
6	rs9261821	30379074	C	0.19	0.16	T	1.19	1.06	1.34	4.51E-03	4.44E-03
6	rs9261846	30382440	C	0.19	0.16	G	1.17	1.04	1.32	1.16E-02	1.21E-02
6	rs9261847	30382647	G	0.19	0.16	T	1.21	1.08	1.37	1.67E-03	1.72E-03
6	rs9261858	30384317	A	0.19	0.16	G	1.20	1.06	1.35	3.33E-03	3.29E-03
6	rs2074502	30384322	T	0.21	0.20	C	1.10	0.98	1.23	1.15E-01	1.36E-01
6	rs9261860	30384503	A	0.19	0.16	G	1.25	1.11	1.41	3.70E-04	3.93E-04
6	rs9261862	30384738	G	0.19	0.16	C	1.19	1.06	1.35	3.57E-03	3.51E-03
6	rs9261871	30385894	G	0.19	0.16	A	1.21	1.07	1.36	2.02E-03	1.97E-03
6	rs1264542	30386996	C	0.41	0.41	T	1.01	0.92	1.11	8.74E-01	8.66E-01
6	rs9261919	30391723	A	0.19	0.16	G	1.19	1.06	1.35	3.65E-03	3.62E-03
6	rs9261922	30392146	T	0.21	0.19	C	1.13	1.01	1.27	3.12E-02	3.32E-02
6	rs9261923	30392160	A	0.19	0.16	G	1.19	1.06	1.35	3.57E-03	3.51E-03
6	rs9261926	30392406	A	0.19	0.16	C	1.19	1.06	1.35	3.65E-03	3.59E-03
6	rs9261947	30394628	T	0.19	0.16	C	1.21	1.07	1.37	1.98E-03	1.91E-03
6	rs9501447	30397840	G	0.19	0.16	A	1.19	1.06	1.35	3.65E-03	3.57E-03

6	rs1079541	30406756	T	0.19	0.16	G	1.20	1.06	1.35	3.30E-03	3.28E-03
6	rs9501467	30408970	T	0.20	0.17	C	1.17	1.04	1.31	8.94E-03	9.18E-03
6	rs1264518	30410206	A	0.15	0.16	G	0.96	0.85	1.09	5.56E-01	5.77E-01
6	rs9295871	30411089	C	0.19	0.16	T	1.19	1.06	1.34	4.01E-03	3.94E-03
6	rs1264514	30412045	C	0.42	0.41	A	1.03	0.94	1.13	4.96E-01	4.85E-01
6	rs28512317	30413182	C	0.21	0.19	A	1.13	1.01	1.27	3.11E-02	3.28E-02
6	rs9295873	30414235	G	0.19	0.16	A	1.19	1.06	1.34	4.10E-03	4.04E-03
6	rs2524201	30415904	G	0.37	0.40	A	0.89	0.81	0.98	1.49E-02	1.42E-02
6	rs4959047	30416553	A	0.21	0.19	G	1.14	1.02	1.28	2.46E-02	2.59E-02
6	rs2844730	30417614	T	0.37	0.40	C	0.88	0.80	0.97	9.76E-03	9.82E-03
6	rs4947284	30418662	A	0.02	0.03	C	0.83	0.61	1.13	2.34E-01	2.13E-01
6	rs9295886	30421397	T	0.19	0.16	C	1.21	1.07	1.36	2.48E-03	2.63E-03
6	rs2844729	30422632	T	0.42	0.41	C	1.04	0.95	1.14	4.47E-01	4.35E-01
6	rs35407515	30423223	G	0.19	0.16	A	1.19	1.06	1.35	3.64E-03	3.58E-03
6	rs34101875	30423358	A	0.19	0.17	G	1.19	1.06	1.35	3.73E-03	3.66E-03
6	rs33986393	30424074	G	0.19	0.16	A	1.20	1.06	1.35	3.17E-03	3.14E-03
6	rs28780104	30424655	G	0.06	0.07	C	0.86	0.71	1.04	1.17E-01	1.10E-01
6	rs9501336	30427510	A	0.19	0.17	G	1.19	1.06	1.34	3.82E-03	3.74E-03
6	rs2516676	30430482	C	0.16	0.17	G	0.98	0.87	1.11	7.97E-01	8.50E-01
6	rs35792611	30430875	G	0.19	0.16	C	1.22	1.08	1.37	1.47E-03	1.34E-03
6	rs10456384	30433090	G	0.05	0.04	C	1.23	0.99	1.51	5.55E-02	6.48E-02
6	rs2524172	30433611	T	0.15	0.16	C	0.96	0.84	1.09	5.08E-01	5.52E-01
6	rs7764934	30434566	G	0.45	0.41	A	1.19	1.08	1.31	2.59E-04	4.53E-04
6	rs7747873	30434900	C	0.45	0.41	T	1.19	1.08	1.30	3.46E-04	5.89E-04
6	rs6930977	30435288	G	0.18	0.16	A	1.14	1.01	1.28	3.67E-02	4.16E-02
6	rs12174870	30436681	A	0.44	0.40	G	1.19	1.08	1.30	3.64E-04	6.03E-04
6	rs12174433	30445476	A	0.06	0.06	G	0.91	0.75	1.11	3.47E-01	2.37E-01
6	rs9295898	30449046	T	0.44	0.40	C	1.19	1.08	1.30	3.75E-04	6.27E-04
6	rs2021720	30449244	C	0.44	0.40	G	1.19	1.08	1.31	3.06E-04	5.09E-04
6	rs2021719	30449482	T	0.44	0.40	C	1.19	1.08	1.31	2.69E-04	4.51E-04
6	rs28780106	30451515	A	0.06	0.07	G	0.86	0.71	1.04	1.16E-01	1.12E-01
6	rs3094694	30451904	G	0.15	0.17	A	0.86	0.75	0.97	1.50E-02	2.16E-02
6	rs1264459	30455920	C	0.17	0.17	T	0.95	0.84	1.07	4.10E-01	4.41E-01
6	rs1264456	30462084	T	0.33	0.33	C	1.03	0.93	1.13	5.59E-01	5.65E-01

6	rs2508024	30465512	A	0.37	0.36	G	1.04	0.94	1.14	4.72E-01	4.69E-01
6	rs34372168	30467745	G	0.02	0.02	A	0.99	0.69	1.44	9.72E-01	9.71E-01
6	rs3131115	30468791	T	0.35	0.34	C	1.03	0.93	1.13	6.18E-01	6.53E-01
6	rs2844724	30469190	G	0.35	0.35	A	1.03	0.93	1.13	6.18E-01	6.29E-01
6	rs2429657	30471520	C	0.21	0.23	T	0.91	0.81	1.01	8.23E-02	8.61E-02
6	rs2844720	30475717	A	0.35	0.34	G	1.03	0.93	1.13	5.65E-01	5.78E-01
6	rs2844718	30477276	A	0.35	0.34	G	1.03	0.93	1.13	6.08E-01	6.19E-01
6	rs975195	30477947	C	0.35	0.34	T	1.03	0.93	1.13	5.79E-01	5.93E-01
6	rs2534812	30482993	G	0.37	0.36	A	1.05	0.95	1.15	3.18E-01	3.18E-01
6	rs7746096	30483919	A	0.02	0.02	C	1.19	0.84	1.67	3.25E-01	2.87E-01
6	rs10484552	30484036	C	0.06	0.06	G	0.88	0.73	1.08	2.16E-01	2.10E-01
6	rs7767714	30488033	G	0.02	0.02	A	1.19	0.84	1.67	3.24E-01	2.86E-01
6	rs7768140	30488203	T	0.02	0.02	C	1.18	0.84	1.65	3.51E-01	3.11E-01
6	rs2534824	30496160	T	0.35	0.34	C	1.03	0.94	1.13	5.50E-01	5.63E-01
6	rs2534823	30496816	G	0.35	0.34	C	1.03	0.94	1.13	5.61E-01	5.74E-01
6	rs2516649	30496882	C	0.35	0.34	A	1.03	0.94	1.13	5.53E-01	5.67E-01
6	rs2524226	30497490	T	0.33	0.33	C	1.03	0.94	1.14	5.24E-01	5.35E-01
6	rs2534815	30499127	G	0.35	0.34	C	1.03	0.94	1.13	5.43E-01	5.53E-01
6	rs2524224	30505948	T	0.36	0.35	A	1.04	0.95	1.15	4.08E-01	4.09E-01
6	rs1058318	30512163	A	0.33	0.33	G	1.03	0.94	1.14	5.27E-01	5.35E-01
6	rs12192673	30512505	G	0.05	0.04	T	1.17	0.94	1.45	1.56E-01	1.63E-01
6	rs2844713	30519258	T	0.36	0.35	C	1.03	0.94	1.14	4.91E-01	4.95E-01
6	rs3130240	30536071	C	0.34	0.34	A	1.02	0.92	1.12	7.19E-01	7.37E-01
6	rs3130041	30536133	C	0.35	0.35	T	1.03	0.94	1.13	5.62E-01	5.71E-01
6	rs3130242	30537339	G	0.34	0.33	A	1.03	0.94	1.14	4.99E-01	5.13E-01
6	rs3132613	30537606	G	0.34	0.33	C	1.03	0.94	1.14	4.95E-01	5.10E-01
6	rs3130243	30537853	C	0.35	0.35	A	1.03	0.94	1.14	5.23E-01	5.31E-01
6	rs2269710	30539952	G	0.36	0.35	A	1.04	0.94	1.14	4.58E-01	4.89E-01
6	rs1264451	30541237	C	0.33	0.32	A	1.05	0.95	1.16	3.09E-01	3.14E-01
6	rs3132611	30541852	C	0.09	0.09	T	0.93	0.79	1.10	4.04E-01	4.59E-01
6	rs3132610	30544401	C	0.10	0.11	T	0.87	0.75	1.02	8.31E-02	1.07E-01
6	rs3130043	30545022	G	0.37	0.36	T	1.05	0.95	1.15	3.59E-01	3.69E-01
6	rs1264440	30551286	T	0.35	0.34	C	1.04	0.94	1.14	4.58E-01	4.66E-01
6	rs1264439	30552502	T	0.33	0.32	G	1.05	0.95	1.16	3.22E-01	3.29E-01

6	rs3130244	30552937	A	0.37	0.36	C	1.05	0.95	1.15	3.48E-01	3.59E-01
6	rs17195446	30553853	G	0.01	0.01	A	0.84	0.55	1.28	4.09E-01	3.92E-01
6	rs1264437	30553871	G	0.33	0.32	A	1.05	0.95	1.15	3.64E-01	3.78E-01
6	rs9671	30559034	C	0.02	0.02	T	0.95	0.68	1.35	7.88E-01	8.18E-01
6	rs13195066	30560796	G	0.20	0.18	A	1.13	1.01	1.27	3.65E-02	3.54E-02
6	rs7749109	30561724	G	0.02	0.02	A	0.95	0.67	1.35	7.81E-01	8.11E-01
6	rs1264432	30562021	C	0.33	0.32	T	1.04	0.95	1.15	4.16E-01	4.31E-01
6	rs7749978	30562041	A	0.02	0.02	G	0.95	0.67	1.35	7.84E-01	8.13E-01
6	rs6934466	30563608	T	0.02	0.02	C	0.96	0.68	1.36	8.20E-01	8.48E-01
6	rs1264429	30565101	G	0.01	0.01	A	1.14	0.77	1.69	5.05E-01	5.23E-01
6	rs7759666	30569489	T	0.15	0.15	C	1.00	0.88	1.14	9.56E-01	8.96E-01
6	rs17195474	30571197	A	0.02	0.02	C	0.95	0.68	1.35	7.88E-01	8.18E-01
6	rs7742291	30573139	C	0.02	0.02	A	0.95	0.68	1.35	7.88E-01	8.18E-01
6	rs9262122	30573842	C	0.15	0.15	T	0.99	0.87	1.13	9.25E-01	9.89E-01
6	rs1264420	30575603	T	0.33	0.32	C	1.05	0.95	1.16	3.16E-01	2.72E-01
6	rs2267637	30578335	T	0.11	0.11	C	0.97	0.84	1.12	6.55E-01	5.50E-01
6	rs2252745	30579315	C	0.33	0.32	T	1.05	0.95	1.16	3.17E-01	3.23E-01
6	rs2267638	30580626	A	0.02	0.02	C	0.96	0.68	1.36	8.31E-01	8.63E-01
6	rs16867845	30585333	G	0.02	0.02	T	0.93	0.66	1.32	7.00E-01	7.24E-01
6	rs2270172	30592414	G	0.02	0.02	A	0.87	0.64	1.18	3.73E-01	3.68E-01
6	rs2517565	30594394	A	0.04	0.04	T	1.03	0.82	1.29	7.99E-01	8.03E-01
6	rs6904236	30596135	G	0.02	0.02	A	0.92	0.65	1.31	6.55E-01	6.77E-01
6	rs12665339	30601232	G	0.17	0.16	A	1.13	1.00	1.27	5.28E-02	6.12E-02
6	rs17195551	30601395	T	0.02	0.02	C	1.36	0.98	1.88	6.66E-02	5.75E-02
6	rs3094104	30609629	C	0.04	0.04	T	1.02	0.82	1.28	8.62E-01	8.62E-01
6	rs3132608	30609661	G	0.04	0.04	A	0.97	0.76	1.24	8.23E-01	7.78E-01
6	rs1140809	30611676	A	0.47	0.50	C	0.89	0.82	0.98	1.63E-02	1.61E-02
6	rs9262135	30618906	G	0.09	0.11	A	0.85	0.73	0.99	3.55E-02	4.66E-02
6	rs17281677	30622459	A	0.03	0.04	G	0.88	0.68	1.14	3.35E-01	3.74E-01
6	rs34057232	30623069	G	0.02	0.02	A	1.30	0.95	1.78	1.01E-01	1.01E-01
6	rs3094100	30625155	G	0.06	0.06	C	0.94	0.78	1.15	5.66E-01	5.17E-01
6	rs9262138	30627867	C	0.08	0.07	T	1.23	1.03	1.46	2.29E-02	1.77E-02
6	rs3130000	30628082	A	0.09	0.09	G	0.92	0.78	1.08	2.86E-01	3.28E-01
6	rs1076828	30628252	T	0.32	0.34	C	0.89	0.81	0.98	1.81E-02	2.35E-02

6	rs4713346	30631063	A	0.01	0.01	G	0.99	0.65	1.50	9.58E-01	8.57E-01
6	rs3094097	30633875	C	0.06	0.06	T	0.94	0.78	1.14	5.45E-01	4.98E-01
6	rs2285321	30637998	C	0.02	0.02	T	0.97	0.67	1.38	8.49E-01	8.07E-01
6	rs9295901	30639157	C	0.02	0.02	G	0.98	0.70	1.37	9.11E-01	8.68E-01
6	rs6937357	30640324	C	0.02	0.02	T	0.99	0.69	1.41	9.44E-01	9.05E-01
6	rs28360604	30643767	G	0.19	0.17	C	1.13	1.00	1.27	5.25E-02	5.05E-02
6	rs2394392	30650318	G	0.06	0.06	T	1.08	0.89	1.30	4.58E-01	5.23E-01
6	rs9262143	30652781	T	0.09	0.11	C	0.86	0.74	1.01	5.87E-02	7.47E-02
6	rs2269706	30652872	T	0.08	0.08	C	1.01	0.85	1.20	9.25E-01	9.77E-01
6	rs17189280	30656382	C	0.02	0.02	A	1.23	0.88	1.72	2.20E-01	2.23E-01
6	rs3094092	30657015	A	0.09	0.09	G	0.90	0.76	1.06	1.93E-01	2.27E-01
6	rs1075496	30658239	T	0.40	0.42	G	0.91	0.83	0.99	3.80E-02	4.30E-02
6	rs7565	30668159	A	0.02	0.01	G	1.43	0.99	2.09	5.74E-02	7.95E-02
6	rs9405048	30670292	T	0.17	0.15	C	1.12	0.99	1.26	7.59E-02	9.16E-02
6	rs2239886	30670700	G	0.03	0.03	T	1.18	0.91	1.53	2.16E-01	2.68E-01
6	rs28994872	30671650	C	0.01	0.02	T	0.62	0.40	0.97	3.29E-02	4.47E-02
6	rs28994868	30673681	T	0.02	0.01	C	1.43	0.99	2.09	5.74E-02	7.96E-02
6	rs28986466	30676046	C	0.02	0.02	G	1.24	0.90	1.71	1.81E-01	2.42E-01
6	rs3094093	30679628	A	0.07	0.07	T	0.90	0.75	1.08	2.71E-01	2.82E-01
6	rs9262152	30680916	T	0.15	0.15	C	0.99	0.87	1.13	9.26E-01	9.92E-01
6	rs6924270	30681980	G	0.03	0.03	A	1.18	0.91	1.53	2.16E-01	2.67E-01
6	rs3132587	30685066	T	0.08	0.09	C	0.90	0.76	1.05	1.79E-01	2.11E-01
6	rs3132585	30687614	G	0.10	0.11	C	0.90	0.77	1.05	1.76E-01	2.11E-01
6	rs9295910	30687714	A	0.05	0.05	T	0.94	0.76	1.17	5.89E-01	5.12E-01
6	rs3132583	30688575	G	0.10	0.11	C	0.88	0.75	1.02	9.65E-02	1.24E-01
6	rs3132582	30689001	T	0.10	0.11	A	0.87	0.75	1.01	6.01E-02	7.60E-02
6	rs25526	30690816	T	0.02	0.02	C	1.17	0.83	1.64	3.67E-01	3.85E-01
6	rs11546742	30692768	G	0.03	0.04	C	0.93	0.72	1.19	5.56E-01	5.10E-01
6	rs9500864	30693232	A	0.01	0.01	G	1.00	0.67	1.50	9.96E-01	9.75E-01
6	rs3095329	30693816	C	0.18	0.20	T	0.91	0.81	1.02	9.83E-02	1.08E-01
6	rs3094127	30697447	C	0.19	0.20	T	0.91	0.81	1.02	1.01E-01	1.13E-01
6	rs12179975	30697561	C	0.01	0.01	T	0.99	0.66	1.47	9.42E-01	9.00E-01
6	rs9500867	30697931	C	0.01	0.01	T	0.99	0.66	1.47	9.43E-01	9.01E-01
6	rs3909184	30699384	G	0.03	0.04	C	0.93	0.73	1.20	5.82E-01	5.18E-01

6	rs9262155	30700497	G	0.10	0.10	A	1.05	0.91	1.23	5.01E-01	5.63E-01
6	rs9969042	30700558	G	0.03	0.04	A	0.94	0.73	1.20	6.09E-01	5.38E-01
6	rs2844704	30706013	T	0.19	0.17	G	1.13	1.01	1.28	4.09E-02	3.90E-02
6	rs12111310	30708428	C	0.03	0.04	T	0.93	0.72	1.19	5.55E-01	4.91E-01
6	rs1059612	30708955	A	0.09	0.11	G	0.86	0.74	1.00	5.45E-02	7.10E-02
6	rs10947088	30709830	C	0.03	0.04	T	0.93	0.72	1.19	5.51E-01	4.87E-01
6	rs1049943	30711026	C	0.03	0.04	G	0.93	0.72	1.19	5.47E-01	4.84E-01
6	rs8512	30711357	T	0.16	0.16	C	0.98	0.86	1.11	7.00E-01	7.35E-01
6	rs2535319	30714479	G	0.38	0.38	A	1.02	0.93	1.12	6.80E-01	6.37E-01
6	rs7752674	30715637	G	0.03	0.03	A	1.14	0.87	1.51	3.45E-01	3.10E-01
6	rs7753860	30716076	T	0.03	0.03	G	1.13	0.85	1.49	3.94E-01	3.69E-01
6	rs12210092	30716719	T	0.05	0.04	C	1.19	0.95	1.49	1.29E-01	1.40E-01
6	rs7763502	30717637	A	0.18	0.19	C	0.92	0.81	1.03	1.54E-01	1.38E-01
6	rs2535323	30718180	C	0.15	0.17	T	0.85	0.75	0.97	1.34E-02	9.55E-03
6	rs12202428	30719909	G	0.03	0.03	A	1.11	0.85	1.45	4.37E-01	4.04E-01
6	rs28780111	30720311	T	0.15	0.17	C	0.88	0.78	1.00	4.77E-02	3.53E-02
6	rs3129973	30721143	T	0.10	0.11	C	0.92	0.79	1.06	2.49E-01	2.71E-01
6	rs3095328	30723781	T	0.10	0.11	C	0.91	0.78	1.06	2.33E-01	2.50E-01
6	rs2394401	30724430	C	0.12	0.11	T	1.14	0.99	1.31	7.43E-02	7.24E-02
6	rs3095341	30726748	A	0.38	0.38	G	1.02	0.93	1.12	7.10E-01	6.68E-01
6	rs3095340	30726939	G	0.14	0.14	T	0.97	0.85	1.11	6.85E-01	6.75E-01
6	rs3094122	30728360	C	0.22	0.21	A	1.02	0.91	1.14	7.08E-01	6.69E-01
6	rs11966040	30729487	G	0.02	0.02	T	1.14	0.84	1.55	3.97E-01	4.47E-01
6	rs3094121	30730960	A	0.22	0.21	G	1.03	0.92	1.15	6.00E-01	5.28E-01
6	rs9262176	30731330	T	0.03	0.04	C	0.90	0.70	1.16	4.26E-01	3.99E-01
6	rs13214831	30731505	A	0.15	0.17	G	0.89	0.78	1.01	6.40E-02	4.85E-02
6	rs3129975	30732054	C	0.22	0.21	T	1.03	0.92	1.15	6.00E-01	5.28E-01
6	rs12210947	30735105	G	0.17	0.16	A	1.09	0.97	1.24	1.60E-01	1.69E-01
6	rs11963870	30735229	A	0.02	0.02	G	1.14	0.84	1.55	3.96E-01	4.46E-01
6	rs11964596	30736541	A	0.02	0.02	G	1.14	0.84	1.56	3.92E-01	4.35E-01
6	rs3094117	30737486	G	0.26	0.26	T	1.01	0.91	1.12	8.50E-01	7.97E-01
6	rs3094116	30738408	A	0.25	0.25	T	1.01	0.91	1.12	8.87E-01	8.60E-01
6	rs6911628	30739846	T	0.25	0.25	C	1.01	0.90	1.12	9.16E-01	8.90E-01
6	rs3130666	30740160	A	0.03	0.04	G	0.92	0.72	1.19	5.31E-01	5.68E-01

6	rs16897888	30740515	A	0.16	0.15	C	1.10	0.97	1.25	1.34E-01	1.38E-01
6	rs16897889	30740680	G	0.16	0.15	A	1.10	0.97	1.25	1.30E-01	1.33E-01
6	rs17481190	30743014	T	0.15	0.17	C	0.88	0.77	0.99	4.01E-02	2.90E-02
6	rs11757629	30744529	C	0.03	0.03	A	0.74	0.56	0.98	3.61E-02	3.55E-02
6	rs13220225	30747802	A	0.15	0.17	G	0.89	0.79	1.01	7.28E-02	5.56E-02
6	rs3132599	30748164	C	0.11	0.11	G	0.92	0.79	1.06	2.51E-01	2.65E-01
6	rs9468829	30749233	G	0.13	0.12	T	1.12	0.97	1.28	1.23E-01	1.18E-01
6	rs9468830	30749712	G	0.31	0.31	T	1.00	0.91	1.10	9.98E-01	9.48E-01
6	rs17189427	30750229	A	0.02	0.02	G	0.95	0.68	1.32	7.62E-01	7.83E-01
6	rs28780116	30755668	C	0.31	0.31	G	1.00	0.91	1.11	9.66E-01	9.80E-01
6	rs16897900	30755893	A	0.31	0.31	C	1.00	0.91	1.11	9.66E-01	9.80E-01
6	rs13201769	30756066	A	0.31	0.31	G	1.00	0.91	1.11	9.66E-01	9.80E-01
6	rs4711228	30756274	T	0.31	0.31	A	1.00	0.91	1.11	9.78E-01	9.69E-01
6	rs4713366	30756361	T	0.31	0.31	C	1.01	0.92	1.12	8.40E-01	8.92E-01
6	rs3131043	30758466	G	0.41	0.42	A	0.96	0.88	1.05	4.00E-01	3.77E-01
6	rs17189441	30758555	T	0.15	0.17	C	0.88	0.78	1.00	5.32E-02	3.90E-02
6	rs3131050	30760025	C	0.10	0.11	T	0.91	0.78	1.05	2.02E-01	2.16E-01
6	rs34682678	30760639	C	0.08	0.08	A	1.12	0.95	1.33	1.83E-01	1.55E-01
6	rs3094112	30761734	G	0.22	0.22	A	1.03	0.92	1.15	6.35E-01	5.71E-01
6	rs3129985	30762542	T	0.11	0.11	C	0.91	0.79	1.06	2.18E-01	2.33E-01
6	rs3131060	30763291	A	0.10	0.11	G	0.91	0.78	1.05	2.02E-01	2.16E-01
6	rs3131063	30763756	A	0.44	0.43	G	1.06	0.96	1.16	2.39E-01	2.24E-01
6	rs12660883	30764420	C	0.15	0.17	T	0.89	0.78	1.00	5.85E-02	4.37E-02
6	rs1264377	30764907	T	0.15	0.15	C	0.96	0.84	1.09	5.43E-01	5.74E-01
6	rs12190167	30766194	A	0.13	0.12	G	1.10	0.96	1.26	1.87E-01	1.94E-01
6	rs12197154	30766244	C	0.13	0.12	T	1.05	0.92	1.20	4.88E-01	5.13E-01
6	rs4639381	30766765	G	0.28	0.28	C	0.99	0.90	1.10	9.09E-01	8.17E-01
6	rs4713370	30767538	C	0.28	0.29	A	0.99	0.90	1.10	8.75E-01	7.82E-01
6	rs4711235	30768636	C	0.28	0.29	T	0.99	0.90	1.10	8.73E-01	7.79E-01
6	rs3129988	30769478	T	0.07	0.07	C	0.98	0.82	1.17	7.88E-01	8.03E-01
6	rs9295919	30770000	T	0.28	0.29	C	0.99	0.89	1.09	8.37E-01	7.43E-01
6	rs13198118	30770732	G	0.15	0.16	T	0.92	0.81	1.05	2.11E-01	1.74E-01
6	rs9380192	30772344	G	0.28	0.29	A	0.99	0.90	1.10	8.81E-01	7.89E-01
6	rs3094123	30772378	T	0.16	0.17	C	0.92	0.81	1.04	1.62E-01	2.11E-01

6	rs4713376	30773314	C	0.14	0.13	A	1.09	0.96	1.25	1.87E-01	2.03E-01
6	rs9378109	30774474	A	0.14	0.15	C	0.94	0.83	1.07	3.48E-01	2.99E-01
6	rs1264362	30776590	C	0.34	0.31	G	1.11	1.01	1.23	3.18E-02	3.49E-02
6	rs1264361	30777498	C	0.11	0.12	T	0.92	0.79	1.06	2.38E-01	2.58E-01
6	rs9380197	30778203	A	0.29	0.29	G	0.99	0.90	1.10	8.51E-01	7.57E-01
6	rs4327730	30780936	T	0.12	0.12	C	1.08	0.94	1.24	2.69E-01	2.82E-01
6	rs915665	30781381	T	0.01	0.02	C	0.74	0.51	1.09	1.24E-01	9.80E-02
6	rs12210318	30781904	A	0.12	0.12	G	1.08	0.94	1.24	2.92E-01	3.07E-01
6	rs886424	30782002	A	0.11	0.12	G	0.92	0.80	1.07	2.67E-01	2.86E-01
6	rs2894046	30782105	C	0.29	0.29	T	0.99	0.90	1.10	8.54E-01	7.54E-01
6	rs2394412	30782235	A	0.29	0.29	G	0.99	0.89	1.09	7.94E-01	6.95E-01
6	rs4713380	30785273	C	0.15	0.16	T	0.91	0.80	1.03	1.32E-01	1.05E-01
6	rs12192760	30785385	C	0.12	0.11	A	1.10	0.96	1.27	1.80E-01	1.94E-01
6	rs9348843	30786676	A	0.29	0.29	G	0.99	0.89	1.09	8.12E-01	7.13E-01
6	rs4713385	30787593	A	0.15	0.16	G	0.91	0.80	1.03	1.23E-01	9.84E-02
6	rs16897921	30789526	A	0.14	0.13	G	1.10	0.96	1.25	1.83E-01	2.00E-01
6	rs12195964	30790481	G	0.14	0.13	T	1.10	0.96	1.25	1.83E-01	1.99E-01
6	rs4947289	30791409	T	0.15	0.16	C	0.91	0.80	1.03	1.36E-01	1.09E-01
6	rs4713391	30792235	C	0.14	0.13	T	1.10	0.96	1.25	1.77E-01	1.92E-01
6	rs12192704	30792270	A	0.14	0.13	G	1.10	0.96	1.26	1.66E-01	1.79E-01
6	rs915664	30794617	G	0.34	0.32	A	1.13	1.02	1.24	1.61E-02	1.78E-02
6	rs9380199	30796271	G	0.29	0.29	A	0.99	0.90	1.10	8.74E-01	7.76E-01
6	rs1264350	30796545	G	0.13	0.13	A	0.97	0.85	1.11	6.69E-01	7.45E-01
6	rs12198723	30796734	G	0.12	0.11	T	1.08	0.94	1.24	2.75E-01	2.87E-01
6	rs3130785	30796738	T	0.15	0.17	C	0.92	0.81	1.04	1.68E-01	2.17E-01
6	rs1264348	30798473	G	0.32	0.33	T	0.96	0.87	1.06	3.83E-01	3.73E-01
6	rs3130647	30799072	A	0.36	0.38	G	0.92	0.84	1.02	1.00E-01	1.28E-01
6	rs9501030	30799399	A	0.17	0.17	T	1.01	0.89	1.14	9.29E-01	9.63E-01
6	rs1264344	30800577	A	0.48	0.47	G	1.06	0.97	1.17	1.91E-01	2.53E-01
6	rs1264341	30802465	G	0.11	0.11	A	0.94	0.81	1.09	4.19E-01	4.76E-01
6	rs3130649	30803254	A	0.42	0.42	T	0.97	0.88	1.06	4.96E-01	5.60E-01
6	rs3095352	30805921	G	0.42	0.42	A	0.97	0.88	1.06	5.09E-01	5.67E-01
6	rs2517581	30809664	A	0.02	0.02	G	0.70	0.49	1.00	4.97E-02	3.91E-02
6	rs2535336	30810654	G	0.41	0.40	T	1.04	0.95	1.14	3.84E-01	4.99E-01

6	rs7759803	30812519	A	0.03	0.03	G	1.19	0.90	1.58	2.19E-01	1.86E-01
6	rs2517576	30815035	T	0.19	0.19	C	1.00	0.88	1.12	9.49E-01	9.76E-01
6	rs2535331	30816270	T	0.38	0.37	C	1.05	0.96	1.16	2.88E-01	3.66E-01
6	rs3132578	30816865	T	0.40	0.41	A	0.96	0.88	1.06	4.42E-01	5.20E-01
6	rs2250264	30821187	A	0.28	0.27	G	1.08	0.98	1.20	1.27E-01	1.54E-01
6	rs3095345	30822413	G	0.14	0.17	A	0.83	0.73	0.95	5.09E-03	8.99E-03
6	rs3130653	30822771	C	0.40	0.41	A	0.96	0.88	1.06	4.07E-01	4.83E-01
6	rs9295928	30823630	C	0.15	0.15	T	1.00	0.88	1.14	9.79E-01	9.72E-01
6	rs2844660	30823760	G	0.14	0.12	A	1.19	1.03	1.36	1.53E-02	1.62E-02
6	rs2844659	30824532	A	0.19	0.19	G	1.00	0.89	1.13	9.87E-01	9.47E-01
6	rs9468841	30825287	C	0.08	0.08	T	1.00	0.85	1.18	9.99E-01	9.74E-01
6	rs2535327	30826904	G	0.38	0.36	A	1.07	0.97	1.18	1.69E-01	2.19E-01
6	rs2844657	30829522	C	0.19	0.18	T	1.01	0.90	1.14	8.74E-01	8.13E-01
6	rs7761138	30830292	A	0.08	0.07	C	1.09	0.92	1.30	3.25E-01	3.21E-01
6	rs3130791	30831843	T	0.40	0.41	C	0.96	0.88	1.06	4.12E-01	4.88E-01
6	rs3130793	30832357	T	0.40	0.41	C	0.97	0.88	1.06	4.57E-01	5.41E-01
6	rs3130794	30832810	T	0.40	0.41	C	0.97	0.88	1.06	4.69E-01	5.54E-01
6	rs10947109	30836225	C	0.02	0.02	T	0.94	0.65	1.37	7.54E-01	7.09E-01
6	rs2535340	30838497	G	0.11	0.11	A	0.94	0.81	1.09	4.23E-01	4.77E-01
6	rs2844654	30838688	C	0.38	0.37	A	1.05	0.96	1.16	3.02E-01	3.82E-01
6	rs3132573	30840688	T	0.37	0.38	C	0.94	0.86	1.04	2.41E-01	2.86E-01
6	rs3130796	30840950	C	0.40	0.41	T	0.97	0.88	1.06	4.71E-01	5.52E-01
6	rs7746003	30842894	A	0.03	0.02	T	1.24	0.93	1.67	1.48E-01	1.20E-01
6	rs1264333	30844314	G	0.38	0.37	A	1.05	0.96	1.16	3.02E-01	3.82E-01
6	rs1264331	30846830	A	0.39	0.37	C	1.05	0.96	1.16	2.84E-01	3.60E-01
6	rs7756521	30848253	C	0.19	0.18	T	1.02	0.91	1.15	6.91E-01	6.65E-01
6	rs885910	30849124	A	0.37	0.37	T	1.01	0.92	1.11	8.62E-01	7.91E-01
6	rs9295930	30849822	A	0.15	0.15	G	0.99	0.88	1.13	9.23E-01	9.27E-01
6	rs9501032	30850191	C	0.19	0.18	T	1.03	0.91	1.15	6.63E-01	6.34E-01
6	rs9461638	30851305	C	0.19	0.18	G	1.02	0.91	1.15	6.87E-01	6.59E-01
6	rs9468842	30852747	T	0.19	0.18	C	1.03	0.91	1.16	6.60E-01	6.31E-01
6	rs3131034	30853796	G	0.21	0.23	A	0.92	0.83	1.03	1.58E-01	1.97E-01
6	rs6901464	30854090	T	0.19	0.18	G	1.03	0.91	1.16	6.51E-01	6.21E-01
6	rs4618569	30855251	A	0.19	0.18	G	1.03	0.91	1.16	6.39E-01	6.11E-01

6	rs1264323	30855907	T	0.37	0.37	C	1.01	0.92	1.11	7.86E-01	7.11E-01
6	rs2229933	30857072	C	0.19	0.18	G	1.02	0.91	1.15	7.01E-01	6.74E-01
6	rs1264319	30862423	A	0.19	0.19	G	0.99	0.88	1.11	8.64E-01	9.31E-01
6	rs1264318	30863530	C	0.19	0.19	G	1.00	0.89	1.12	9.68E-01	9.68E-01
6	rs886422	30864279	A	0.11	0.11	G	0.94	0.81	1.09	4.29E-01	4.84E-01
6	rs1049623	30864829	G	0.37	0.37	A	1.01	0.92	1.11	8.36E-01	7.61E-01
6	rs6933271	30867830	G	0.01	0.02	T	0.83	0.57	1.21	3.26E-01	3.09E-01
6	rs9295931	30869714	T	0.19	0.18	C	1.03	0.91	1.16	6.59E-01	6.27E-01
6	rs3869086	30870168	A	0.19	0.18	C	1.03	0.91	1.16	6.59E-01	6.27E-01
6	rs12206075	30871000	C	0.19	0.18	T	1.03	0.91	1.16	6.58E-01	6.26E-01
6	rs13215409	30871619	A	0.19	0.18	C	1.03	0.91	1.16	6.59E-01	6.27E-01
6	rs2284175	30875145	C	0.19	0.18	T	1.03	0.92	1.16	6.14E-01	5.79E-01
6	rs1052693	30876152	T	0.19	0.18	C	1.03	0.92	1.16	6.06E-01	5.68E-01
6	rs3218816	30878857	A	0.04	0.03	G	1.25	0.98	1.60	7.77E-02	8.99E-02
6	rs886420	30879636	A	0.10	0.11	G	0.93	0.80	1.08	3.52E-01	3.98E-01
6	rs3218822	30880336	C	0.02	0.02	T	1.41	1.03	1.93	3.15E-02	2.31E-02
6	rs1264304	30882415	A	0.11	0.11	G	0.94	0.81	1.10	4.45E-01	5.00E-01
6	rs1264303	30882513	C	0.38	0.37	T	1.05	0.95	1.15	3.16E-01	4.05E-01
6	rs1264302	30882634	A	0.38	0.37	G	1.05	0.96	1.16	3.00E-01	3.86E-01
6	rs1264301	30882781	A	0.38	0.37	C	1.05	0.95	1.15	3.15E-01	4.06E-01
6	rs1264298	30884436	C	0.38	0.37	T	1.05	0.96	1.16	3.02E-01	3.90E-01
6	rs9262288	30885639	G	0.38	0.37	A	1.05	0.95	1.15	3.16E-01	4.05E-01
6	rs9262290	30885821	A	0.38	0.37	G	1.05	0.95	1.15	3.16E-01	4.05E-01
6	rs9262293	30886350	G	0.38	0.37	C	1.05	0.95	1.15	3.16E-01	4.05E-01
6	rs2517468	30888169	T	0.38	0.37	C	1.05	0.96	1.15	3.12E-01	4.00E-01
6	rs7766094	30888617	A	0.07	0.06	G	1.09	0.90	1.32	3.67E-01	3.42E-01
6	rs2517467	30889260	C	0.45	0.46	T	0.96	0.88	1.06	4.36E-01	5.38E-01
6	rs2074511	30889389	G	0.16	0.16	A	1.01	0.89	1.14	8.88E-01	8.93E-01
6	rs885905	30890431	T	0.26	0.27	C	0.92	0.83	1.02	1.27E-01	1.43E-01
6	rs2074506	30890483	A	0.38	0.37	C	1.05	0.96	1.16	2.93E-01	3.77E-01
6	rs753725	30890871	A	0.45	0.46	G	0.97	0.88	1.06	4.52E-01	5.55E-01
6	rs2532938	30893831	T	0.39	0.37	C	1.05	0.96	1.16	3.01E-01	3.87E-01
6	rs4678	30893941	T	0.20	0.19	C	1.05	0.93	1.18	4.43E-01	3.64E-01
6	rs2532934	30894759	C	0.45	0.46	T	0.96	0.87	1.05	3.62E-01	4.56E-01

6	rs3873332	30895990	C	0.16	0.16	T	1.00	0.88	1.14	9.98E-01	1.00E+00
6	rs3873334	30896147	T	0.16	0.16	C	0.98	0.87	1.11	7.55E-01	7.55E-01
6	rs2517459	30897022	A	0.22	0.24	G	0.92	0.83	1.03	1.42E-01	1.67E-01
6	rs2532929	30897774	C	0.40	0.40	T	1.02	0.92	1.12	7.46E-01	9.05E-01
6	rs2844652	30898687	A	0.38	0.37	G	1.05	0.96	1.16	3.01E-01	3.88E-01
6	rs2286655	30899746	T	0.16	0.16	C	1.00	0.88	1.14	9.98E-01	1.00E+00
6	rs2844651	30900664	A	0.46	0.47	G	0.96	0.88	1.06	4.07E-01	5.05E-01
6	rs7764239	30900919	A	0.06	0.06	C	1.12	0.92	1.36	2.66E-01	2.35E-01
6	rs10947114	30902181	T	0.15	0.15	C	1.01	0.89	1.15	8.75E-01	8.67E-01
6	rs2844649	30904272	T	0.09	0.11	C	0.86	0.74	1.00	5.49E-02	7.02E-02
6	rs12697941	30904714	A	0.15	0.15	G	1.00	0.88	1.14	9.52E-01	9.49E-01
6	rs3132571	30905313	C	0.36	0.36	T	1.02	0.92	1.12	7.61E-01	6.94E-01
6	rs6933400	30907176	T	0.13	0.13	C	1.01	0.88	1.16	9.29E-01	9.32E-01
6	rs6933909	30907266	A	0.13	0.13	G	1.01	0.88	1.16	9.12E-01	9.14E-01
6	rs3131921	30907335	G	0.13	0.13	A	1.00	0.88	1.15	9.70E-01	8.62E-01
6	rs4711249	30908266	A	0.16	0.16	G	1.00	0.89	1.14	9.48E-01	9.55E-01
6	rs13206144	30912382	A	0.02	0.02	G	1.15	0.81	1.63	4.36E-01	4.37E-01
6	rs2844702	30912481	T	0.39	0.38	C	1.05	0.96	1.16	2.95E-01	3.75E-01
6	rs2844701	30912691	C	0.10	0.11	T	0.85	0.73	0.99	3.50E-02	4.60E-02
6	rs2517451	30914751	G	0.10	0.11	A	0.86	0.74	1.01	6.02E-02	7.61E-02
6	rs3130782	30914843	T	0.14	0.14	C	1.01	0.89	1.16	8.48E-01	7.66E-01
6	rs3132580	30920124	T	0.13	0.13	C	1.00	0.87	1.15	9.63E-01	8.48E-01
6	rs2240804	30920890	T	0.38	0.37	C	1.06	0.97	1.17	2.04E-01	2.60E-01
6	rs3757340	30921882	C	0.28	0.28	T	1.01	0.91	1.12	8.57E-01	8.61E-01
6	rs12212418	30924024	T	0.28	0.28	C	1.01	0.91	1.12	8.02E-01	8.04E-01
6	rs11753326	30925985	C	0.09	0.09	T	0.99	0.85	1.16	9.33E-01	9.34E-01
6	rs2844697	30932309	A	0.34	0.35	G	0.96	0.87	1.06	4.03E-01	4.19E-01
6	rs3095150	30932532	G	0.37	0.38	A	0.94	0.85	1.03	1.67E-01	1.43E-01
6	rs2532924	30932682	A	0.42	0.45	G	0.92	0.84	1.00	5.59E-02	5.14E-02
6	rs3095089	30933794	A	0.17	0.17	C	0.98	0.86	1.11	7.18E-01	8.26E-01
6	rs2532919	30933975	G	0.15	0.15	T	1.00	0.88	1.14	9.88E-01	8.73E-01
6	rs2844690	30940032	A	0.14	0.14	G	0.96	0.84	1.09	5.14E-01	4.20E-01
6	rs17196185	30940505	T	0.05	0.06	C	0.87	0.71	1.07	1.88E-01	1.70E-01
6	rs2517446	30940945	C	0.14	0.15	T	0.97	0.85	1.11	6.89E-01	5.76E-01

6	rs9262315	30942387	C	0.14	0.15	T	0.97	0.85	1.11	6.89E-01	5.76E-01
6	rs2517442	30942447	T	0.14	0.15	C	0.97	0.85	1.11	6.89E-01	5.76E-01
6	rs3131931	30945265	T	0.24	0.25	A	0.94	0.84	1.05	2.50E-01	2.92E-01
6	rs34853064	30945625	T	0.07	0.06	A	1.06	0.88	1.28	5.20E-01	5.26E-01
6	rs2844682	30946148	T	0.14	0.15	C	0.98	0.86	1.11	7.38E-01	6.23E-01
6	rs2844680	30946496	A	0.42	0.42	C	1.00	0.91	1.10	9.63E-01	9.06E-01
6	rs9394023	30947042	A	0.15	0.13	C	1.26	1.10	1.43	6.37E-04	6.82E-04
6	rs2517431	30947378	T	0.28	0.29	G	0.94	0.84	1.04	1.99E-01	2.26E-01
6	rs3094084	30947509	A	0.16	0.16	T	1.00	0.88	1.14	9.91E-01	9.23E-01
6	rs2517426	30949430	T	0.14	0.15	G	0.96	0.84	1.09	5.27E-01	4.35E-01
6	rs2517425	30949670	C	0.26	0.28	A	0.92	0.83	1.02	1.30E-01	1.53E-01
6	rs2517422	30950589	A	0.14	0.15	G	0.98	0.86	1.11	7.38E-01	6.23E-01
6	rs2530700	30951367	G	0.14	0.15	A	0.98	0.86	1.11	7.21E-01	6.07E-01
6	rs2517419	30952873	T	0.14	0.15	A	0.98	0.86	1.11	7.38E-01	6.23E-01
6	rs2530699	30953240	A	0.14	0.15	T	0.98	0.86	1.11	7.21E-01	6.08E-01
6	rs1634731	30955681	G	0.17	0.18	A	0.90	0.80	1.02	9.29E-02	1.13E-01
6	rs886403	30957618	C	0.25	0.27	T	0.91	0.82	1.01	7.07E-02	8.49E-02
6	rs3873342	30957766	G	0.10	0.09	A	1.02	0.87	1.19	8.08E-01	7.98E-01
6	rs34503701	30960221	T	0.07	0.06	A	1.11	0.92	1.35	2.65E-01	2.76E-01
6	rs2844673	30961926	A	0.14	0.15	G	0.99	0.87	1.13	8.82E-01	7.52E-01
6	rs9468857	30963143	G	0.01	0.01	A	0.98	0.61	1.58	9.39E-01	8.58E-01
6	rs2517409	30964393	G	0.14	0.15	A	0.99	0.86	1.12	8.22E-01	6.96E-01
6	rs2252926	30966304	G	0.14	0.15	A	0.98	0.86	1.12	8.19E-01	6.93E-01
6	rs2517408	30966453	G	0.13	0.13	A	0.96	0.84	1.10	5.30E-01	4.38E-01
6	rs2429295	30969498	G	0.14	0.15	C	0.99	0.87	1.13	8.64E-01	7.35E-01
6	rs2508016	30969527	C	0.16	0.16	G	0.99	0.87	1.12	8.42E-01	7.33E-01
6	rs2844668	30972121	A	0.21	0.23	T	0.93	0.83	1.04	1.84E-01	2.11E-01
6	rs380808	30972202	T	0.14	0.15	C	0.99	0.87	1.12	8.38E-01	7.16E-01
6	rs436376	30972390	A	0.14	0.15	C	0.98	0.86	1.12	7.69E-01	6.47E-01
6	rs1634717	30972589	T	0.41	0.43	G	0.89	0.81	0.98	1.34E-02	1.16E-02
6	rs1634718	30972865	G	0.24	0.25	A	0.93	0.83	1.04	1.81E-01	2.14E-01
6	rs1634719	30973165	G	0.26	0.29	A	0.88	0.79	0.97	1.36E-02	1.67E-02
6	rs2523921	30975090	C	0.14	0.15	T	0.98	0.86	1.12	7.82E-01	6.59E-01
6	rs2523923	30975141	A	0.14	0.15	G	0.98	0.86	1.12	7.41E-01	6.21E-01

6	rs2523924	30975224	A	0.14	0.15	G	0.98	0.86	1.12	7.69E-01	6.47E-01
6	rs1632854	30975649	T	0.41	0.43	A	0.89	0.81	0.98	1.66E-02	1.46E-02
6	rs28360974	30976219	A	0.06	0.04	G	1.46	1.18	1.81	4.16E-04	4.76E-04
6	rs1634721	30977680	A	0.11	0.11	G	0.96	0.83	1.12	6.20E-01	6.81E-01
6	rs2530716	30978196	G	0.14	0.15	A	0.98	0.86	1.12	7.82E-01	6.59E-01
6	rs12203410	30978746	A	0.15	0.13	G	1.15	1.02	1.31	2.84E-02	2.88E-02
6	rs1634723	30979156	C	0.23	0.25	T	0.93	0.84	1.04	2.16E-01	2.48E-01
6	rs3869095	30980015	T	0.10	0.09	C	1.02	0.87	1.19	8.43E-01	8.29E-01
6	rs6913305	30981307	T	0.39	0.36	C	1.10	1.00	1.21	5.74E-02	7.28E-02
6	rs9391701	30983263	A	0.16	0.13	G	1.22	1.07	1.39	3.07E-03	3.29E-03
6	rs1619376	30983326	T	0.21	0.22	C	0.93	0.84	1.04	2.31E-01	2.73E-01
6	rs3871466	30983683	G	0.16	0.13	A	1.22	1.07	1.39	3.32E-03	3.54E-03
6	rs6910700	30985957	G	0.39	0.36	A	1.10	1.00	1.21	5.25E-02	6.64E-02
6	rs9262495	30986527	C	0.13	0.14	T	0.97	0.85	1.11	6.50E-01	5.51E-01
6	rs4713412	30987211	G	0.39	0.36	A	1.10	1.00	1.21	5.47E-02	6.93E-02
6	rs7758976	30987786	G	0.47	0.43	A	1.19	1.08	1.30	3.00E-04	4.79E-04
6	rs9262528	30989770	A	0.13	0.14	G	0.97	0.85	1.12	7.10E-01	6.14E-01
6	rs6903912	30991559	A	0.23	0.23	G	0.99	0.88	1.10	8.20E-01	7.42E-01
6	rs12198448	30992346	C	0.11	0.11	T	0.97	0.84	1.12	6.58E-01	6.63E-01
6	rs2523898	30993533	T	0.47	0.49	C	0.93	0.85	1.02	1.28E-01	1.36E-01
6	rs4713420	30993567	T	0.18	0.18	G	0.99	0.88	1.12	8.82E-01	9.22E-01
6	rs12179536	30993590	G	0.18	0.18	A	0.98	0.87	1.11	7.45E-01	7.32E-01
6	rs2523897	30993958	T	0.16	0.17	C	0.96	0.85	1.09	5.26E-01	5.68E-01
6	rs12665700	30996132	T	0.10	0.12	C	0.80	0.69	0.93	3.08E-03	2.28E-03
6	rs6457301	30998879	C	0.33	0.34	T	0.93	0.85	1.03	1.55E-01	1.39E-01
6	rs10947121	30999997	C	0.35	0.36	T	0.94	0.86	1.04	2.42E-01	2.01E-01
6	rs13210132	31001143	G	0.05	0.05	A	1.03	0.84	1.27	7.86E-01	8.14E-01
6	rs9468862	31001355	A	0.01	0.02	G	0.47	0.30	0.76	1.45E-03	1.24E-03
6	rs6933349	31002013	A	0.21	0.21	G	1.03	0.92	1.15	5.99E-01	6.02E-01
6	rs28732082	31004521	A	0.06	0.06	G	1.08	0.89	1.32	4.36E-01	4.27E-01
6	rs2844670	31005726	C	0.15	0.17	T	0.85	0.75	0.97	1.32E-02	1.80E-02
6	rs2844665	31006855	A	0.36	0.38	G	0.94	0.85	1.03	1.89E-01	2.10E-01
6	rs12201301	31007557	A	0.04	0.03	G	1.45	1.15	1.83	1.84E-03	1.99E-03
6	rs2517552	31007590	G	0.35	0.37	A	0.94	0.85	1.03	1.70E-01	1.98E-01

6	rs2517549	31008598	T	0.37	0.35	G	1.08	0.98	1.19	1.13E-01	1.04E-01
6	rs9262560	31008626	T	0.04	0.03	C	1.09	0.86	1.39	4.75E-01	4.58E-01
6	rs2508015	31010200	T	0.41	0.38	C	1.09	1.00	1.20	6.01E-02	5.33E-02
6	rs2844647	31011013	T	0.48	0.46	C	1.11	1.02	1.22	2.17E-02	2.09E-02
6	rs2248386	31011247	T	0.48	0.46	C	1.11	1.02	1.22	2.10E-02	2.02E-02
6	rs10947129	31011662	A	0.15	0.16	G	0.91	0.80	1.03	1.44E-01	1.18E-01
6	rs12528584	31011845	T	0.15	0.16	C	0.91	0.80	1.03	1.31E-01	1.08E-01
6	rs7756294	31012356	A	0.05	0.05	G	0.85	0.69	1.06	1.45E-01	1.10E-01
6	rs2523872	31012730	A	0.35	0.37	G	0.94	0.85	1.03	1.81E-01	2.10E-01
6	rs17190106	31013351	A	0.07	0.06	G	1.11	0.92	1.33	2.80E-01	2.91E-01
6	rs2523870	31014116	G	0.36	0.37	A	0.95	0.86	1.05	2.94E-01	3.32E-01
6	rs9262582	31014305	A	0.13	0.08	C	1.62	1.40	1.89	2.00E-10	1.58E-10
6	rs9394032	31016230	T	0.11	0.13	A	0.78	0.68	0.90	6.94E-04	4.82E-04
6	rs2251830	31016978	A	0.48	0.44	C	1.16	1.06	1.27	1.11E-03	1.20E-03
6	rs2517532	31018407	T	0.42	0.43	C	0.96	0.87	1.05	3.46E-01	3.90E-01
6	rs2523864	31018546	A	0.48	0.44	G	1.16	1.06	1.27	1.47E-03	1.57E-03
6	rs9295947	31019460	A	0.11	0.13	G	0.79	0.68	0.91	1.36E-03	9.92E-04
6	rs9262632	31024808	G	0.05	0.07	A	0.78	0.64	0.95	1.54E-02	1.02E-02
6	rs2523849	31025051	G	0.14	0.17	A	0.85	0.75	0.96	1.07E-02	7.24E-03
6	rs2523848	31025104	T	0.14	0.17	C	0.85	0.75	0.96	1.07E-02	7.24E-03
6	rs9262633	31025265	G	0.25	0.23	C	1.11	1.00	1.24	4.98E-02	5.95E-02
6	rs9262638	31025989	T	0.25	0.23	C	1.11	1.00	1.24	4.79E-02	5.78E-02
6	rs9262639	31026009	T	0.25	0.23	C	1.12	1.00	1.24	4.75E-02	5.69E-02
6	rs2428514	31027516	T	0.10	0.13	C	0.78	0.67	0.90	4.86E-04	3.25E-04
6	rs2517518	31028345	A	0.14	0.16	G	0.86	0.76	0.98	1.95E-02	1.38E-02
6	rs9262648	31029173	A	0.25	0.23	C	1.11	1.00	1.24	4.96E-02	5.83E-02
6	rs9262651	31029455	T	0.26	0.24	C	1.10	0.99	1.22	8.04E-02	9.02E-02
6	rs2517511	31029918	G	0.40	0.40	T	0.99	0.90	1.08	7.55E-01	6.54E-01
6	rs2523840	31030425	T	0.14	0.16	C	0.86	0.76	0.97	1.84E-02	1.30E-02
6	rs2256436	31031381	C	0.39	0.40	T	0.99	0.90	1.09	8.12E-01	7.20E-01
6	rs2517506	31031680	G	0.14	0.17	A	0.85	0.75	0.96	1.08E-02	7.40E-03
6	rs2394423	31032042	T	0.25	0.23	C	1.11	1.00	1.24	5.55E-02	6.54E-02
6	rs2517504	31032370	C	0.40	0.40	A	0.98	0.90	1.08	7.34E-01	6.33E-01
6	rs9262656	31034264	G	0.25	0.23	A	1.11	1.00	1.24	5.21E-02	6.16E-02

6	rs2517497	31036783	C	0.40	0.40	T	0.99	0.90	1.08	7.62E-01	6.59E-01
6	rs2517491	31038338	G	0.01	0.02	A	0.72	0.50	1.03	7.35E-02	6.13E-02
6	rs2517490	31038756	A	0.01	0.02	C	0.70	0.48	1.01	5.61E-02	4.60E-02
6	rs2523889	31040298	C	0.40	0.40	G	0.98	0.90	1.08	7.41E-01	6.49E-01
6	rs2523887	31040725	C	0.21	0.26	T	0.75	0.67	0.83	1.54E-07	5.29E-08
6	rs2523884	31041155	A	0.39	0.40	G	0.99	0.90	1.09	8.19E-01	7.27E-01
6	rs2517489	31042306	T	0.39	0.40	C	0.99	0.90	1.09	8.32E-01	7.35E-01
6	rs2523881	31042608	C	0.39	0.40	A	0.99	0.90	1.09	8.34E-01	7.38E-01
6	rs2517478	31044802	A	0.39	0.40	C	0.99	0.90	1.09	8.44E-01	7.46E-01
6	rs2517477	31044863	T	0.39	0.40	C	0.99	0.90	1.09	8.44E-01	7.46E-01
6	rs2523836	31047145	A	0.39	0.40	G	0.99	0.90	1.09	8.57E-01	7.59E-01
6	rs17190351	31047448	A	0.02	0.02	G	0.67	0.48	0.94	1.88E-02	1.66E-02
6	rs2523895	31047471	G	0.40	0.40	T	0.99	0.90	1.09	8.30E-01	7.26E-01
6	rs2106067	31048263	G	0.39	0.40	A	0.99	0.90	1.09	8.45E-01	7.47E-01
6	rs6941772	31048916	G	0.40	0.40	C	0.99	0.90	1.08	8.07E-01	7.04E-01
6	rs9380215	31049655	A	0.07	0.07	G	1.00	0.83	1.20	9.96E-01	9.69E-01
6	rs9263473	31050179	G	0.40	0.40	A	0.99	0.90	1.08	8.00E-01	6.96E-01
6	rs2535318	31051388	A	0.40	0.40	G	0.99	0.90	1.08	8.12E-01	7.08E-01
6	rs2535315	31052127	A	0.39	0.40	G	0.99	0.90	1.09	8.44E-01	7.46E-01
6	rs2535311	31052684	C	0.39	0.40	T	0.99	0.90	1.09	8.74E-01	7.77E-01
6	rs2535310	31053257	T	0.50	0.49	G	1.02	0.93	1.12	6.47E-01	6.01E-01
6	rs3130955	31054511	A	0.38	0.35	C	1.10	1.00	1.21	4.11E-02	3.69E-02
6	rs2535304	31054687	G	0.40	0.40	A	0.99	0.90	1.09	8.39E-01	7.46E-01
6	rs2535303	31055423	C	0.49	0.48	T	1.01	0.92	1.11	8.30E-01	7.65E-01
6	rs4947296	31058178	C	0.07	0.07	T	1.01	0.84	1.21	9.04E-01	8.76E-01
6	rs3130544	31058340	A	0.11	0.11	C	0.97	0.84	1.13	7.12E-01	7.81E-01
6	rs2517452	31060162	A	0.49	0.48	G	1.01	0.92	1.11	8.33E-01	7.75E-01
6	rs2517450	31061439	G	0.49	0.48	A	1.01	0.92	1.11	8.42E-01	7.77E-01
6	rs2517448	31062667	A	0.37	0.38	G	0.94	0.86	1.03	2.04E-01	2.44E-01
6	rs2535289	31063233	C	0.50	0.49	T	1.02	0.93	1.11	6.90E-01	6.45E-01
6	rs2256962	31065620	T	0.07	0.09	C	0.84	0.70	0.99	3.91E-02	4.29E-02
6	rs2517403	31067009	G	0.28	0.34	A	0.78	0.71	0.86	1.28E-06	8.02E-07
6	rs9263582	31070664	A	0.12	0.08	G	1.68	1.43	1.98	2.64E-10	2.58E-10
6	rs2508011	31071058	G	0.28	0.33	T	0.78	0.71	0.87	1.94E-06	1.30E-06

6	rs9263607	31072157	A	0.16	0.10	G	1.63	1.42	1.87	2.70E-12	3.66E-12
6	rs6457327	31074030	A	0.37	0.38	C	0.94	0.86	1.03	1.94E-01	2.33E-01
6	rs2517485	31074101	A	0.29	0.34	G	0.78	0.71	0.86	1.21E-06	5.77E-07
6	rs1064191	31075375	A	0.49	0.48	G	1.01	0.92	1.10	8.44E-01	7.83E-01
6	rs2844635	31075481	C	0.28	0.34	T	0.78	0.71	0.86	1.44E-06	9.09E-07
6	rs9391709	31077405	C	0.07	0.07	G	0.98	0.82	1.17	8.11E-01	8.41E-01
6	rs1265062	31078005	A	0.28	0.34	G	0.78	0.71	0.86	1.44E-06	8.87E-07
6	rs2233984	31079264	A	0.07	0.07	G	0.98	0.82	1.17	8.07E-01	8.37E-01
6	rs4495304	31080718	C	0.07	0.07	T	1.01	0.84	1.20	9.60E-01	9.37E-01
6	rs2233967	31080828	C	0.21	0.17	G	1.31	1.17	1.48	4.65E-06	5.43E-06
6	rs2233965	31080899	C	0.21	0.17	A	1.33	1.18	1.49	1.98E-06	2.32E-06
6	rs2233956	31081205	G	0.17	0.17	A	0.97	0.86	1.10	6.37E-01	6.80E-01
6	rs1265048	31081409	G	0.32	0.33	A	0.97	0.89	1.07	6.06E-01	5.84E-01
6	rs3130977	31081989	C	0.34	0.32	T	1.11	1.01	1.22	3.41E-02	4.16E-02
6	rs17190526	31082081	A	0.16	0.10	G	1.62	1.41	1.85	3.41E-12	3.43E-12
6	rs6917517	31082361	T	0.15	0.17	C	0.86	0.76	0.97	1.80E-02	1.48E-02
6	rs3130981	31083813	T	0.23	0.27	C	0.80	0.72	0.89	4.06E-05	4.12E-05
6	rs1042127	31084170	G	0.16	0.18	T	0.85	0.76	0.97	1.21E-02	1.04E-02
6	rs1062470	31084435	T	0.34	0.32	C	1.07	0.97	1.18	1.84E-01	1.81E-01
6	rs3094212	31085770	C	0.50	0.50	T	1.03	0.94	1.13	4.77E-01	4.71E-01
6	rs3130989	31086377	G	0.44	0.41	C	1.12	1.02	1.23	1.57E-02	1.60E-02
6	rs3094211	31086402	C	0.23	0.27	T	0.80	0.72	0.89	4.73E-05	4.80E-05
6	rs3095320	31087934	C	0.23	0.27	T	0.80	0.72	0.89	4.35E-05	4.36E-05
6	rs3095317	31088671	C	0.44	0.41	T	1.12	1.02	1.22	1.92E-02	1.97E-02
6	rs3095314	31089631	A	0.44	0.41	G	1.12	1.02	1.22	1.96E-02	2.00E-02
6	rs3094205	31091862	C	0.34	0.32	T	1.07	0.97	1.18	1.86E-01	1.84E-01
6	rs3094204	31091992	T	0.43	0.48	C	0.82	0.75	0.90	3.06E-05	3.71E-05
6	rs3778638	31092124	A	0.23	0.20	G	1.21	1.08	1.35	8.21E-04	1.02E-03
6	rs3131003	31093482	A	0.41	0.42	G	0.96	0.88	1.06	4.47E-01	4.16E-01
6	rs3815087	31093587	T	0.20	0.20	C	0.97	0.86	1.09	6.03E-01	5.25E-01
6	rs6931921	31095003	C	0.11	0.10	G	1.20	1.04	1.39	1.49E-02	1.90E-02
6	rs9263715	31095801	A	0.20	0.20	G	0.96	0.86	1.08	5.39E-01	4.58E-01
6	rs3909109	31096367	C	0.19	0.20	T	0.91	0.81	1.02	1.15E-01	9.93E-02
6	rs3130559	31097301	T	0.21	0.22	C	0.99	0.89	1.11	8.65E-01	8.73E-01

6	rs3131009	31098832	G	0.25	0.29	A	0.81	0.73	0.90	8.17E-05	8.32E-05
6	rs4959053	31099577	A	0.06	0.07	G	0.95	0.79	1.15	6.00E-01	6.26E-01
6	rs3823418	31100942	A	0.18	0.17	G	1.12	0.99	1.26	7.66E-02	8.66E-02
6	rs3130564	31101674	T	0.24	0.20	C	1.25	1.12	1.39	5.38E-05	3.08E-05
6	rs28732100	31104593	T	0.05	0.05	C	1.06	0.86	1.31	5.96E-01	6.19E-01
6	rs1265099	31105413	C	0.39	0.40	T	0.98	0.90	1.08	7.10E-01	6.99E-01
6	rs2074478	31105633	G	0.17	0.18	A	0.93	0.82	1.05	2.12E-01	2.47E-01
6	rs2233952	31105891	T	0.10	0.11	C	0.90	0.78	1.05	1.74E-01	1.97E-01
6	rs1265098	31106177	G	0.23	0.24	A	0.91	0.82	1.02	9.87E-02	1.01E-01
6	rs3130573	31106268	G	0.33	0.34	A	0.98	0.89	1.08	6.81E-01	6.19E-01
6	rs9263726	31106499	A	0.16	0.13	G	1.25	1.10	1.42	8.23E-04	7.28E-04
6	rs3094663	31107087	A	0.28	0.31	G	0.88	0.79	0.97	1.11E-02	1.15E-02
6	rs1265093	31107187	T	0.31	0.27	C	1.19	1.07	1.31	8.87E-04	5.04E-04
6	rs1966	31107733	A	0.19	0.19	G	0.96	0.85	1.08	4.98E-01	5.70E-01
6	rs9263733	31108829	T	0.02	0.02	C	0.91	0.67	1.24	5.58E-01	5.44E-01
6	rs1265086	31109882	C	0.46	0.50	A	0.88	0.80	0.96	5.09E-03	6.86E-03
6	rs12364	31110786	T	0.21	0.17	A	1.25	1.11	1.40	1.27E-04	1.36E-04
6	rs1265083	31111347	A	0.01	0.02	C	0.71	0.49	1.02	6.35E-02	5.20E-02
6	rs9263739	31111356	T	0.21	0.17	C	1.27	1.13	1.42	5.82E-05	6.09E-05
6	rs9263740	31111400	C	0.24	0.20	T	1.29	1.16	1.44	4.57E-06	4.55E-06
6	rs11967883	31112354	T	0.03	0.02	C	1.33	1.02	1.75	3.56E-02	3.17E-02
6	rs130072	31112484	A	0.05	0.08	G	0.67	0.55	0.81	4.45E-05	1.93E-05
6	rs1265074	31113214	T	0.19	0.19	G	0.96	0.86	1.09	5.49E-01	6.37E-01
6	rs17196989	31113703	G	0.01	0.01	A	0.82	0.52	1.29	3.89E-01	4.58E-01
6	rs3132538	31113842	T	0.19	0.21	C	0.87	0.77	0.97	1.50E-02	1.81E-02
6	rs746647	31114182	C	0.29	0.30	T	0.95	0.86	1.05	3.15E-01	2.64E-01
6	rs9263749	31114515	A	0.21	0.17	G	1.27	1.13	1.43	4.95E-05	5.26E-05
6	rs2240064	31114573	C	0.48	0.48	T	1.04	0.95	1.14	4.22E-01	4.20E-01
6	rs1265067	31116142	T	0.29	0.30	C	0.95	0.86	1.05	3.10E-01	2.60E-01
6	rs1265115	31117075	T	0.32	0.32	G	0.98	0.89	1.09	7.56E-01	8.01E-01
6	rs1265112	31118019	G	0.29	0.30	A	0.95	0.86	1.05	3.23E-01	2.70E-01
6	rs130067	31118511	C	0.19	0.19	A	0.96	0.85	1.08	4.86E-01	5.59E-01
6	rs130078	31118565	G	0.24	0.26	C	0.89	0.80	0.99	3.73E-02	3.82E-02
6	rs2517985	31118942	G	0.29	0.30	A	0.96	0.87	1.06	3.91E-01	3.35E-01

6	rs1265110	31119422	A	0.12	0.12	G	0.97	0.84	1.12	6.64E-01	7.21E-01
6	rs1265109	31119589	A	0.27	0.27	C	0.97	0.88	1.08	5.83E-01	6.37E-01
6	rs2240059	31120614	G	0.24	0.26	A	0.87	0.79	0.97	1.29E-02	1.26E-02
6	rs130077	31122330	T	0.20	0.16	C	1.29	1.15	1.45	1.95E-05	1.65E-05
6	rs9263781	31123416	C	0.20	0.16	T	1.29	1.15	1.45	1.93E-05	1.65E-05
6	rs3130453	31124849	T	0.47	0.48	C	0.99	0.91	1.09	8.83E-01	9.28E-01
6	rs743401	31125158	G	0.44	0.42	A	1.08	0.98	1.18	1.17E-01	1.10E-01
6	rs2239524	31125569	T	0.44	0.42	G	1.08	0.98	1.18	1.17E-01	1.10E-01
6	rs720465	31125777	T	0.30	0.29	G	1.06	0.96	1.17	2.85E-01	2.68E-01
6	rs3130455	31125978	T	0.23	0.21	A	1.12	1.01	1.26	4.00E-02	3.95E-02
6	rs17197101	31126409	T	0.06	0.08	G	0.67	0.55	0.81	3.32E-05	1.32E-05
6	rs3094187	31126944	G	0.49	0.50	A	0.97	0.89	1.07	5.73E-01	5.26E-01
6	rs6905862	31127602	A	0.43	0.42	G	1.03	0.93	1.13	6.08E-01	5.45E-01
6	rs7750641	31129310	T	0.11	0.11	C	0.97	0.83	1.12	6.35E-01	7.06E-01
6	rs2073724	31129707	T	0.05	0.08	C	0.67	0.56	0.82	5.32E-05	2.27E-05
6	rs9263794	31130019	G	0.20	0.16	A	1.29	1.15	1.45	1.96E-05	1.66E-05
6	rs1419881	31130593	T	0.46	0.45	C	1.06	0.97	1.16	2.27E-01	1.88E-01
6	rs1841	31130760	C	0.06	0.07	T	0.95	0.79	1.15	5.98E-01	6.53E-01
6	rs17190776	31130865	A	0.05	0.08	G	0.67	0.55	0.81	4.13E-05	1.73E-05
6	rs3130933	31132085	A	0.11	0.14	G	0.80	0.69	0.92	1.39E-03	1.95E-03
6	rs9263796	31132883	T	0.20	0.16	C	1.29	1.15	1.45	2.07E-05	1.76E-05
6	rs9501063	31133894	C	0.04	0.03	G	1.28	1.00	1.65	4.94E-02	4.60E-02
6	rs3130932	31133943	G	0.29	0.34	T	0.81	0.73	0.90	3.90E-05	2.47E-05
6	rs9263800	31134599	A	0.20	0.16	G	1.29	1.15	1.45	1.96E-05	1.66E-05
6	rs3130931	31134888	A	0.29	0.31	G	0.92	0.84	1.02	1.14E-01	1.10E-01
6	rs9263805	31135735	A	0.24	0.26	C	0.89	0.81	0.99	3.86E-02	3.95E-02
6	rs3130501	31136453	A	0.24	0.26	G	0.90	0.81	1.00	4.77E-02	4.78E-02
6	rs3130503	31137165	A	0.19	0.21	G	0.87	0.78	0.98	1.86E-02	2.17E-02
6	rs879882	31139452	T	0.35	0.37	C	0.92	0.84	1.02	9.77E-02	9.89E-02
6	rs1108746	31139504	A	0.11	0.12	C	0.83	0.72	0.96	1.22E-02	5.63E-03
6	rs1265159	31140047	T	0.23	0.22	C	1.06	0.95	1.18	3.24E-01	3.10E-01
6	rs3132517	31141836	G	0.19	0.21	A	0.86	0.77	0.97	1.33E-02	1.62E-02
6	rs3094188	31142245	G	0.33	0.36	T	0.90	0.82	1.00	4.19E-02	4.83E-02
6	rs1265156	31142297	T	0.31	0.32	G	0.96	0.87	1.06	3.71E-01	3.82E-01

6	rs887466	31143511	T	0.38	0.40	C	0.92	0.84	1.01	9.39E-02	9.13E-02
6	rs9501066	31145271	G	0.37	0.38	A	0.96	0.87	1.05	3.78E-01	3.80E-01
6	rs3868542	31145839	G	0.37	0.39	A	0.96	0.87	1.05	3.50E-01	3.50E-01
6	rs887464	31145920	A	0.41	0.43	G	0.92	0.83	1.01	6.57E-02	8.46E-02
6	rs4713438	31146846	A	0.18	0.18	G	0.98	0.87	1.11	7.99E-01	7.85E-01
6	rs9263823	31147094	T	0.13	0.09	C	1.62	1.40	1.87	7.06E-11	5.05E-11
6	rs3130457	31147194	C	0.23	0.22	T	1.06	0.95	1.18	3.17E-01	3.02E-01
6	rs6937752	31148606	T	0.37	0.38	C	0.95	0.87	1.05	3.32E-01	3.34E-01
6	rs9263827	31149045	T	0.04	0.05	C	0.86	0.68	1.08	1.89E-01	1.90E-01
6	rs7760698	31150225	A	0.05	0.05	T	0.85	0.68	1.05	1.28E-01	1.04E-01
6	rs1128175	31150435	T	0.18	0.23	C	0.75	0.67	0.84	1.09E-06	1.04E-06
6	rs9263844	31155186	T	0.12	0.16	C	0.76	0.66	0.87	5.13E-05	1.52E-05
6	rs9263846	31155670	A	0.12	0.16	G	0.75	0.66	0.86	3.92E-05	1.09E-05
6	rs1265181	31155785	G	0.21	0.20	C	1.11	0.99	1.24	7.23E-02	6.70E-02
6	rs9405015	31155803	T	0.01	0.02	C	0.76	0.53	1.10	1.42E-01	1.48E-01
6	rs9295957	31157593	A	0.17	0.19	G	0.93	0.82	1.05	2.24E-01	2.49E-01
6	rs1265180	31159345	T	0.02	0.02	G	0.70	0.50	0.99	4.12E-02	3.81E-02
6	rs9461653	31160553	G	0.07	0.07	A	0.95	0.79	1.14	5.99E-01	6.54E-01
6	rs28362332	31162154	A	0.08	0.10	G	0.72	0.61	0.85	9.09E-05	3.72E-05
6	rs4713446	31162839	T	0.36	0.41	C	0.82	0.75	0.90	3.85E-05	2.93E-05
6	rs4713447	31162963	G	0.36	0.41	A	0.82	0.74	0.90	3.62E-05	2.69E-05
6	rs28362343	31165527	A	0.08	0.10	G	0.73	0.62	0.86	1.43E-04	5.96E-05
6	rs3094609	31165566	A	0.13	0.15	G	0.83	0.72	0.95	5.20E-03	7.26E-03
6	rs9295961	31167498	C	0.07	0.07	T	0.96	0.80	1.15	6.60E-01	7.01E-01
6	rs28397286	31167573	A	0.18	0.18	G	0.95	0.84	1.07	3.72E-01	4.09E-01
6	rs3868075	31167815	C	0.36	0.41	T	0.82	0.74	0.90	3.37E-05	2.57E-05
6	rs4122190	31167852	C	0.01	0.02	T	0.76	0.53	1.10	1.42E-01	1.48E-01
6	rs4122189	31167927	A	0.22	0.24	G	0.90	0.80	1.00	5.94E-02	6.27E-02
6	rs6903896	31168029	A	0.04	0.03	G	1.30	1.01	1.68	4.08E-02	4.34E-02
6	rs10807081	31169764	T	0.10	0.10	G	1.03	0.88	1.21	7.01E-01	6.77E-01
6	rs9263870	31170514	G	0.08	0.10	A	0.73	0.62	0.86	1.32E-04	5.91E-05
6	rs9263871	31170528	G	0.30	0.35	A	0.82	0.75	0.91	1.30E-04	8.77E-05
6	rs9263873	31170713	C	0.36	0.41	T	0.82	0.75	0.90	4.54E-05	3.59E-05
6	rs3132510	31172151	G	0.10	0.10	A	0.94	0.80	1.09	4.02E-01	4.73E-01

6	rs4446605	31173096	G	0.08	0.10	A	0.73	0.62	0.86	1.35E-04	6.16E-05
6	rs2894181	31174527	G	0.48	0.48	A	1.02	0.93	1.12	7.10E-01	7.45E-01
6	rs9263911	31175667	G	0.44	0.42	A	1.06	0.97	1.16	2.12E-01	2.19E-01
6	rs4351302	31176921	A	0.24	0.20	G	1.22	1.10	1.37	2.82E-04	2.63E-04
6	rs9263916	31176928	C	0.08	0.10	T	0.73	0.62	0.86	1.90E-04	8.88E-05
6	rs35718543	31177845	A	0.10	0.10	G	1.04	0.89	1.21	6.28E-01	7.06E-01
6	rs34282959	31180531	C	0.26	0.27	G	0.99	0.90	1.10	9.19E-01	9.08E-01
6	rs9263948	31181025	T	0.08	0.10	C	0.73	0.62	0.86	1.51E-04	6.74E-05
6	rs9468898	31182383	G	0.04	0.03	A	1.30	1.01	1.68	4.10E-02	4.07E-02
6	rs28360990	31182479	A	0.18	0.14	T	1.35	1.19	1.53	2.51E-06	3.22E-06
6	rs11757688	31182536	G	0.26	0.27	A	1.00	0.90	1.11	9.34E-01	9.21E-01
6	rs9295967	31184020	G	0.24	0.20	A	1.22	1.10	1.36	3.28E-04	3.12E-04
6	rs3869109	31184196	T	0.42	0.43	C	0.97	0.88	1.06	4.99E-01	5.72E-01
6	rs9501522	31184425	A	0.06	0.07	G	0.93	0.77	1.13	4.57E-01	5.16E-01
6	rs3130467	31187075	T	0.30	0.28	C	1.09	0.98	1.21	1.03E-01	9.56E-02
6	rs10456394	31188200	C	0.18	0.15	T	1.30	1.15	1.47	2.91E-05	3.36E-05
6	rs28360997	31188654	A	0.21	0.17	G	1.31	1.17	1.46	4.44E-06	6.11E-06
6	rs9263985	31190538	A	0.36	0.35	G	1.08	0.98	1.19	1.02E-01	1.27E-01
6	rs4373355	31193155	C	0.37	0.35	T	1.08	0.98	1.19	1.29E-01	1.55E-01
6	rs6928399	31195218	T	0.29	0.34	C	0.82	0.74	0.90	7.46E-05	7.03E-05
6	rs28397289	31197407	T	0.19	0.20	C	0.94	0.83	1.05	2.66E-01	2.79E-01
6	rs3130473	31199208	T	0.27	0.26	C	1.06	0.95	1.17	3.18E-01	3.11E-01
6	rs3130528	31199460	T	0.12	0.15	C	0.83	0.72	0.94	4.91E-03	6.67E-03
6	rs7745906	31204008	A	0.17	0.17	G	0.97	0.86	1.10	6.47E-01	6.83E-01
6	rs3130685	31206206	T	0.41	0.44	C	0.90	0.82	0.99	3.37E-02	2.73E-02
6	rs3130531	31206616	A	0.39	0.39	G	1.00	0.91	1.09	9.50E-01	9.89E-01
6	rs3095250	31208340	G	0.37	0.40	A	0.86	0.79	0.95	2.68E-03	2.82E-03
6	rs3130532	31208453	A	0.12	0.15	G	0.82	0.72	0.94	4.28E-03	5.92E-03
6	rs3130534	31209045	G	0.39	0.42	A	0.88	0.80	0.97	8.79E-03	8.55E-03
6	rs3130712	31209510	C	0.37	0.41	T	0.86	0.78	0.94	1.58E-03	1.49E-03
6	rs3130688	31210216	C	0.36	0.40	T	0.86	0.78	0.94	1.69E-03	1.82E-03
6	rs6901869	31210265	A	0.17	0.13	G	1.31	1.16	1.49	2.51E-05	2.76E-05
6	rs9468907	31215097	T	0.01	0.01	G	1.28	0.84	1.96	2.50E-01	2.74E-01
6	rs3095241	31215635	T	0.36	0.40	G	0.85	0.77	0.93	5.91E-04	5.83E-04

6	rs9357117	31217504	G	0.01	0.02	A	0.67	0.45	0.99	4.51E-02	4.61E-02
6	rs3130424	31218239	C	0.25	0.24	A	1.06	0.95	1.17	3.18E-01	3.02E-01
6	rs4084090	31218835	C	0.08	0.06	T	1.17	0.98	1.39	8.87E-02	8.99E-02
6	rs4084262	31218889	A	0.11	0.13	G	0.83	0.72	0.96	1.29E-02	1.15E-02
6	rs3130427	31218984	A	0.40	0.43	G	0.87	0.80	0.96	4.85E-03	4.30E-03
6	rs9264179	31219869	T	0.39	0.42	C	0.88	0.80	0.97	7.66E-03	6.53E-03
6	rs4416711	31221039	T	0.08	0.06	C	1.18	0.99	1.41	5.68E-02	5.90E-02
6	rs17191559	31221485	C	0.07	0.08	A	0.90	0.75	1.07	2.21E-01	2.68E-01
6	rs9264219	31221914	C	0.28	0.33	T	0.80	0.73	0.89	1.49E-05	1.38E-05
6	rs1986997	31228410	T	0.36	0.36	C	1.01	0.91	1.10	9.25E-01	8.38E-01
6	rs2394950	31230701	A	0.05	0.04	G	1.15	0.92	1.44	2.11E-01	2.36E-01
6	rs3130542	31232111	A	0.19	0.21	G	0.90	0.80	1.01	6.92E-02	8.68E-02
6	rs2844623	31232543	A	0.23	0.18	G	1.35	1.20	1.51	3.35E-07	4.53E-07
6	rs2248902	31234114	A	0.27	0.25	G	1.12	1.01	1.24	3.81E-02	3.96E-02
6	rs9264532	31234381	C	0.31	0.32	T	0.93	0.84	1.02	1.34E-01	1.63E-01
6	rs2524099	31236051	C	0.48	0.49	T	0.95	0.87	1.04	2.83E-01	2.96E-01
6	rs9394047	31236250	C	0.07	0.07	A	0.88	0.73	1.06	1.63E-01	1.52E-01
6	rs34131062	31236410	T	0.14	0.13	C	1.04	0.91	1.18	6.13E-01	6.10E-01
6	rs9264602	31237406	C	0.30	0.32	T	0.92	0.83	1.02	1.02E-01	1.39E-01
6	rs2074488	31240431	A	0.14	0.13	C	1.03	0.90	1.17	7.17E-01	7.14E-01
6	rs2395471	31240692	A	0.38	0.41	G	0.88	0.80	0.97	9.08E-03	5.09E-03
6	rs7759127	31240988	G	0.17	0.13	T	1.38	1.22	1.57	5.16E-07	4.53E-07
6	rs5010528	31241032	G	0.07	0.10	A	0.64	0.53	0.76	2.24E-07	8.11E-08
6	rs9461680	31243347	T	0.19	0.18	C	1.05	0.93	1.18	4.28E-01	4.01E-01
6	rs3130696	31243884	A	0.23	0.24	G	0.94	0.85	1.05	2.96E-01	3.38E-01
6	rs2524073	31244235	T	0.17	0.13	C	1.38	1.22	1.57	3.90E-07	3.35E-07
6	rs2524068	31245061	A	0.23	0.18	C	1.36	1.22	1.53	1.21E-07	1.23E-07
6	rs9391714	31245080	A	0.02	0.03	G	0.69	0.51	0.92	1.16E-02	1.27E-02
6	rs6906846	31245736	A	0.25	0.30	G	0.76	0.69	0.85	2.67E-07	1.88E-07
6	rs7382297	31247067	T	0.12	0.15	G	0.82	0.72	0.94	4.38E-03	5.97E-03
6	rs17198616	31247964	C	0.13	0.13	T	1.03	0.90	1.18	6.82E-01	6.78E-01
6	rs9468914	31250606	C	0.30	0.34	A	0.83	0.76	0.92	3.29E-04	2.57E-04
6	rs2394963	31251462	T	0.26	0.30	C	0.84	0.75	0.93	7.64E-04	4.83E-04
6	rs9348862	31252747	C	0.07	0.08	T	0.94	0.79	1.12	4.89E-01	4.86E-01

6	rs9461684	31253444	T	0.07	0.10	C	0.63	0.53	0.74	8.40E-08	2.89E-08
6	rs2853933	31254088	A	0.40	0.41	G	0.98	0.89	1.08	6.89E-01	7.35E-01
6	rs9468920	31254936	A	0.26	0.30	G	0.82	0.74	0.91	2.58E-04	1.62E-04
6	rs2853930	31255424	G	0.17	0.13	T	1.38	1.22	1.57	4.97E-07	4.31E-07
6	rs2524050	31255541	G	0.17	0.13	A	1.38	1.22	1.57	5.15E-07	4.47E-07
6	rs2524044	31256753	C	0.22	0.17	A	1.30	1.16	1.46	5.14E-06	3.56E-06
6	rs9468924	31256948	A	0.01	0.01	G	1.41	0.92	2.14	1.10E-01	1.20E-01
6	rs3900938	31257622	G	0.21	0.24	A	0.83	0.74	0.93	9.97E-04	5.67E-04
6	rs28367594	31258141	A	0.03	0.04	G	0.82	0.64	1.05	1.10E-01	1.37E-01
6	rs9468925	31258837	A	0.33	0.37	G	0.86	0.78	0.95	2.18E-03	1.52E-03
6	rs9468926	31260218	T	0.31	0.34	C	0.86	0.78	0.95	2.37E-03	1.51E-03
6	rs9357122	31260345	C	0.07	0.08	T	0.94	0.79	1.12	4.83E-01	4.82E-01
6	rs16899178	31261137	T	0.04	0.04	C	1.01	0.80	1.27	9.31E-01	8.31E-01
6	rs2243868	31261276	A	0.40	0.40	G	0.98	0.90	1.08	7.51E-01	7.94E-01
6	rs3873379	31262169	G	0.26	0.30	A	0.82	0.74	0.91	1.98E-04	1.24E-04
6	rs3873380	31262438	A	0.26	0.31	G	0.80	0.72	0.89	3.19E-05	2.20E-05
6	rs9348863	31262461	C	0.07	0.08	T	0.97	0.81	1.15	6.88E-01	6.87E-01
6	rs3873381	31263231	G	0.07	0.08	T	0.94	0.79	1.12	4.83E-01	4.81E-01
6	rs3094682	31264461	T	0.16	0.18	G	0.87	0.77	0.98	2.10E-02	2.41E-02
6	rs9468932	31264823	A	0.20	0.17	G	1.16	1.03	1.30	1.70E-02	1.84E-02
6	rs2524132	31264912	T	0.17	0.13	C	1.38	1.22	1.57	4.97E-07	4.31E-07
6	rs2853924	31265146	A	0.17	0.13	T	1.38	1.22	1.57	5.15E-07	4.53E-07
6	rs2246954	31265262	A	0.44	0.45	G	0.98	0.90	1.08	7.40E-01	8.22E-01
6	rs2524123	31265314	G	0.41	0.34	A	1.32	1.20	1.45	4.90E-09	5.46E-09
6	rs2247056	31265490	T	0.23	0.25	C	0.86	0.77	0.96	6.78E-03	9.98E-03
6	rs17192463	31265565	T	0.02	0.02	C	0.95	0.70	1.30	7.51E-01	7.87E-01
6	rs2853923	31265737	C	0.45	0.45	T	1.02	0.93	1.11	6.71E-01	7.25E-01
6	rs2524089	31266522	C	0.40	0.41	A	0.98	0.89	1.07	6.01E-01	6.42E-01
6	rs28367646	31268332	C	0.27	0.30	A	0.83	0.75	0.92	3.69E-04	2.28E-04
6	rs9366778	31269173	A	0.36	0.40	G	0.86	0.78	0.94	1.58E-03	1.19E-03
6	rs3873385	31269308	A	0.20	0.16	G	1.30	1.16	1.47	1.07E-05	9.82E-06
6	rs3915971	31269348	C	0.29	0.25	T	1.26	1.13	1.39	1.71E-05	1.69E-05
6	rs7750269	31271157	G	0.09	0.08	A	1.09	0.93	1.27	3.11E-01	2.99E-01
6	rs9264868	31271601	G	0.17	0.13	A	1.36	1.20	1.54	1.67E-06	1.51E-06

6	rs9264869	31271630	G	0.18	0.13	A	1.40	1.23	1.59	1.67E-07	1.44E-07
6	rs9264870	31271662	A	0.18	0.13	G	1.40	1.23	1.59	1.67E-07	1.44E-07
6	rs9461688	31271716	G	0.25	0.29	A	0.80	0.72	0.89	4.82E-05	2.91E-05
6	rs9368675	31272157	A	0.09	0.08	G	1.09	0.93	1.27	3.11E-01	2.99E-01
6	rs6457374	31272261	C	0.22	0.25	T	0.85	0.76	0.95	2.85E-03	4.37E-03
6	rs9368677	31272321	A	0.08	0.07	G	1.05	0.88	1.25	5.91E-01	5.52E-01
6	rs9264904	31272553	A	0.29	0.27	G	1.06	0.96	1.17	2.45E-01	2.80E-01
6	rs9264916	31272774	A	0.25	0.20	G	1.30	1.16	1.44	1.96E-06	1.59E-06
6	rs7760988	31273030	T	0.09	0.08	C	1.11	0.95	1.30	2.02E-01	1.93E-01
6	rs7761965	31273495	A	0.11	0.11	G	1.07	0.92	1.24	3.64E-01	3.42E-01
6	rs3873386	31273745	G	0.33	0.38	A	0.83	0.75	0.91	9.39E-05	6.57E-05
6	rs6930944	31274036	G	0.09	0.08	A	1.09	0.93	1.27	3.11E-01	2.99E-01
6	rs9264942	31274380	C	0.43	0.37	T	1.30	1.18	1.43	5.13E-08	8.83E-08
6	rs10484554	31274555	T	0.16	0.14	C	1.16	1.02	1.31	2.77E-02	3.36E-02
6	rs396243	31275174	G	0.26	0.21	A	1.32	1.18	1.46	5.39E-07	4.96E-07
6	rs9378199	31301658	C	0.08	0.07	T	1.08	0.90	1.28	4.14E-01	3.83E-01
6	rs9265882	31313101	C	0.41	0.35	T	1.28	1.17	1.41	2.48E-07	3.03E-07
6	rs7453967	31314243	G	0.13	0.16	T	0.79	0.69	0.90	4.38E-04	6.60E-04
6	rs2246010	31317024	C	0.05	0.06	A	0.92	0.75	1.13	4.31E-01	4.23E-01
6	rs9266018	31317223	A	0.12	0.09	T	1.54	1.32	1.79	5.24E-08	4.94E-08
6	rs2156875	31317347	G	0.48	0.49	A	0.95	0.86	1.04	2.27E-01	2.30E-01
6	rs2523619	31318144	G	0.22	0.21	A	1.09	0.97	1.22	1.43E-01	1.57E-01
6	rs2442719	31320538	G	0.39	0.44	A	0.81	0.74	0.89	1.25E-05	1.01E-05
6	rs2596503	31320810	T	0.17	0.19	C	0.88	0.78	0.99	3.20E-02	4.30E-02
6	rs2523612	31321123	C	0.12	0.14	A	0.81	0.71	0.93	2.18E-03	2.82E-03
6	rs2596501	31321211	G	0.48	0.49	A	0.96	0.88	1.05	4.16E-01	4.19E-01
6	rs1058026	31321685	G	0.13	0.16	T	0.76	0.67	0.87	8.17E-05	3.25E-05
6	rs2523608	31322559	C	0.41	0.41	T	1.03	0.93	1.13	5.95E-01	5.82E-01
6	rs2596487	31325056	A	0.18	0.18	G	1.01	0.89	1.14	9.35E-01	9.31E-01
6	rs2523591	31326960	T	0.42	0.43	C	0.97	0.89	1.07	5.76E-01	5.42E-01
6	rs2523580	31328245	C	0.36	0.34	T	1.09	0.99	1.21	7.09E-02	6.24E-02
6	rs2596549	31331166	A	0.17	0.17	G	0.96	0.85	1.09	5.35E-01	6.12E-01
6	rs2523554	31331829	G	0.37	0.37	A	1.00	0.91	1.10	9.80E-01	8.25E-01
6	rs2596551	31332239	C	0.22	0.19	A	1.20	1.07	1.35	1.69E-03	1.29E-03

6	rs2844575	31334945	G	0.51	0.47	A	1.15	1.05	1.26	2.53E-03	2.17E-03
6	rs2844573	31335454	G	0.34	0.30	T	1.21	1.10	1.34	1.18E-04	5.57E-05
6	rs9266395	31335566	T	0.20	0.20	C	1.01	0.90	1.13	9.01E-01	9.80E-01
6	rs9266399	31335806	T	0.20	0.20	A	1.00	0.89	1.13	9.60E-01	9.63E-01
6	rs2523535	31336250	C	0.42	0.39	T	1.16	1.06	1.27	1.96E-03	1.02E-03
6	rs9266409	31336568	C	0.20	0.20	T	1.00	0.89	1.13	9.54E-01	9.69E-01
6	rs2253907	31336870	G	0.45	0.50	A	0.82	0.75	0.90	1.57E-05	1.10E-05
6	rs9266433	31337633	T	0.15	0.10	C	1.49	1.30	1.71	1.43E-08	9.05E-09
6	rs9295986	31338528	T	0.23	0.25	C	0.93	0.83	1.03	1.57E-01	9.06E-02
6	rs2523522	31340328	A	0.36	0.38	G	0.90	0.82	0.98	2.15E-02	1.75E-02
6	rs2394990	31340559	C	0.35	0.38	A	0.89	0.81	0.98	1.88E-02	1.51E-02
6	rs7770216	31340611	T	0.20	0.20	G	0.99	0.88	1.10	8.00E-01	7.23E-01
6	rs9266515	31341340	C	0.02	0.02	A	0.86	0.61	1.20	3.71E-01	3.32E-01
6	rs2254556	31342631	A	0.17	0.17	G	0.96	0.85	1.08	4.73E-01	5.48E-01
6	rs13202464	31344583	G	0.07	0.06	A	1.04	0.86	1.26	6.73E-01	6.44E-01
6	rs7382258	31345021	G	0.36	0.39	A	0.89	0.81	0.98	1.82E-02	1.41E-02
6	rs7775117	31345486	A	0.19	0.22	T	0.88	0.78	0.98	2.23E-02	1.18E-02
6	rs9266629	31346822	C	0.26	0.22	T	1.25	1.12	1.39	4.36E-05	2.76E-05
6	rs9501587	31346937	A	0.16	0.20	G	0.77	0.69	0.87	3.72E-05	1.83E-05
6	rs9266638	31347057	T	0.27	0.30	C	0.85	0.77	0.94	2.14E-03	9.65E-04
6	rs4713460	31347798	A	0.30	0.30	G	1.01	0.91	1.11	8.57E-01	9.33E-01
6	rs4713462	31347816	A	0.29	0.29	G	1.01	0.91	1.11	9.18E-01	9.92E-01
6	rs9266689	31348580	A	0.34	0.36	G	0.93	0.84	1.02	1.23E-01	1.35E-01
6	rs9266722	31349922	T	0.11	0.10	C	1.06	0.91	1.23	4.69E-01	5.61E-01
6	rs2442749	31352040	G	0.29	0.28	A	1.05	0.95	1.16	3.73E-01	3.35E-01
6	rs9266773	31352348	C	0.15	0.10	T	1.54	1.34	1.77	1.19E-09	7.69E-10
6	rs28366099	31352902	T	0.07	0.09	C	0.83	0.70	0.98	2.80E-02	3.30E-02
6	rs2844529	31353593	T	0.29	0.34	C	0.80	0.73	0.89	1.79E-05	5.88E-06
6	rs2428486	31354104	G	0.29	0.34	A	0.80	0.73	0.89	2.18E-05	7.03E-06
6	rs6932730	31354182	C	0.16	0.19	T	0.85	0.75	0.96	7.22E-03	2.78E-03
6	rs4711268	31354504	T	0.22	0.25	C	0.84	0.75	0.93	1.18E-03	4.08E-04
6	rs13437082	31354560	T	0.22	0.25	C	0.84	0.75	0.94	1.87E-03	6.83E-04
6	rs4711269	31354819	T	0.22	0.25	C	0.84	0.75	0.94	1.54E-03	5.67E-04
6	rs2596560	31355318	G	0.22	0.21	A	1.02	0.92	1.15	6.84E-01	7.34E-01

6	rs2523477	31360389	G	0.07	0.09	A	0.81	0.68	0.96	1.62E-02	1.87E-02
6	rs7751725	31360433	G	0.22	0.25	A	0.83	0.75	0.93	1.16E-03	3.99E-04
6	rs2523476	31361424	A	0.07	0.09	G	0.81	0.68	0.96	1.71E-02	1.97E-02
6	rs2523467	31362930	A	0.29	0.33	G	0.79	0.72	0.88	7.95E-06	2.53E-06
6	rs2251396	31364707	T	0.35	0.29	C	1.27	1.15	1.40	2.22E-06	1.49E-06
6	rs2596542	31366595	A	0.29	0.33	G	0.79	0.72	0.88	6.62E-06	2.42E-06
6	rs2523454	31367865	T	0.36	0.30	C	1.32	1.19	1.45	3.53E-08	1.63E-08
6	rs2523453	31368125	C	0.29	0.34	G	0.79	0.72	0.88	5.51E-06	1.82E-06
6	rs2844521	31368964	A	0.29	0.34	G	0.79	0.72	0.88	6.11E-06	1.71E-06
6	rs2301749	31371355	T	0.02	0.01	C	1.16	0.79	1.70	4.58E-01	4.25E-01
6	rs2263313	31373810	A	0.07	0.09	G	0.80	0.67	0.95	1.06E-02	1.26E-02
6	rs12174396	31374579	G	0.08	0.07	A	1.24	1.04	1.48	1.75E-02	1.55E-02
6	rs12660741	31376989	G	0.03	0.03	A	1.01	0.75	1.34	9.74E-01	9.61E-01
6	rs6910087	31377047	T	0.10	0.12	C	0.84	0.73	0.97	1.95E-02	7.58E-03
6	rs9266804	31377642	G	0.06	0.07	A	0.81	0.67	0.98	2.59E-02	2.67E-02
6	rs1051794	31379109	A	0.25	0.28	G	0.84	0.76	0.94	1.56E-03	8.37E-04
6	rs1131896	31379115	A	0.25	0.26	G	0.96	0.86	1.06	4.06E-01	3.85E-01
6	rs2256028	31379198	T	0.15	0.16	G	0.88	0.78	1.00	5.37E-02	5.57E-02
6	rs2256175	31380449	A	0.40	0.46	G	0.80	0.73	0.88	4.68E-06	1.03E-06
6	rs28642901	31381808	G	0.22	0.25	A	0.85	0.76	0.95	3.18E-03	1.89E-03
6	rs9266825	31382882	A	0.22	0.25	C	0.82	0.73	0.92	5.75E-04	3.97E-04
6	rs1131904	31383071	G	0.22	0.25	A	0.85	0.76	0.95	3.32E-03	2.07E-03
6	rs6932236	31383979	C	0.22	0.25	T	0.84	0.75	0.94	1.85E-03	1.04E-03
6	rs2848713	31384479	A	0.06	0.07	G	0.93	0.77	1.13	4.64E-01	4.48E-01
6	rs9468992	31384578	A	0.13	0.14	G	0.86	0.75	0.99	3.28E-02	1.92E-02
6	rs9266845	31384792	C	0.22	0.25	T	0.84	0.75	0.94	1.71E-03	1.06E-03
6	rs2596530	31387373	G	0.49	0.45	A	1.19	1.08	1.30	2.26E-04	8.49E-05
6	rs2596531	31387557	C	0.49	0.45	T	1.19	1.08	1.30	2.33E-04	9.00E-05
6	rs9501106	31388109	A	0.12	0.14	G	0.87	0.76	1.00	4.35E-02	2.68E-02
6	rs2844513	31388214	T	0.39	0.44	C	0.81	0.74	0.89	1.24E-05	5.02E-06
6	rs2844511	31389784	T	0.49	0.45	C	1.18	1.08	1.30	2.64E-04	1.01E-04
6	rs17200407	31389965	G	0.01	0.02	C	0.80	0.55	1.18	2.68E-01	1.76E-01
6	rs10223568	31390203	C	0.13	0.14	T	0.86	0.75	0.99	3.36E-02	1.97E-02
6	rs2516448	31390410	A	0.49	0.45	G	1.19	1.08	1.30	2.21E-04	8.35E-05

6	rs9501109	31392118	G	0.20	0.22	A	0.89	0.80	1.00	5.17E-02	2.97E-02
6	rs2524279	31392906	C	0.07	0.06	T	1.10	0.91	1.33	3.22E-01	3.25E-01
6	rs4947314	31393374	G	0.15	0.18	T	0.80	0.70	0.90	4.64E-04	1.90E-04
6	rs6935045	31402410	A	0.12	0.13	T	0.94	0.82	1.08	3.77E-01	3.82E-01
6	rs9501595	31405604	T	0.13	0.14	G	0.87	0.76	1.00	4.90E-02	2.86E-02
6	rs2524277	31407579	T	0.04	0.06	C	0.68	0.55	0.86	1.01E-03	1.33E-03
6	rs7772549	31407643	C	0.26	0.29	T	0.85	0.77	0.95	2.64E-03	1.37E-03
6	rs9469003	31407828	C	0.13	0.14	T	0.86	0.75	0.99	3.36E-02	1.97E-02
6	rs3094738	31407913	C	0.06	0.08	T	0.81	0.68	0.97	2.24E-02	2.57E-02
6	rs6938674	31408004	C	0.02	0.03	T	0.60	0.44	0.81	6.92E-04	5.61E-04
6	rs9469007	31409024	C	0.27	0.30	T	0.85	0.77	0.94	1.90E-03	9.71E-04
6	rs28575156	31409857	G	0.13	0.14	A	0.86	0.75	0.98	2.83E-02	1.64E-02
6	rs6928810	31410524	T	0.24	0.27	C	0.86	0.77	0.95	4.73E-03	2.64E-03
6	rs3899823	31410597	T	0.18	0.19	C	0.91	0.80	1.02	1.03E-01	6.86E-02
6	rs3869129	31410649	A	0.18	0.19	G	0.90	0.80	1.02	1.02E-01	6.68E-02
6	rs2596464	31412961	A	0.46	0.50	G	0.87	0.79	0.95	2.10E-03	1.74E-03
6	rs9765960	31413000	A	0.02	0.03	G	0.60	0.45	0.81	7.67E-04	6.52E-04
6	rs12206131	31414010	G	0.04	0.02	A	1.52	1.17	1.99	1.77E-03	1.76E-03
6	rs2516464	31416156	T	0.48	0.50	C	0.94	0.86	1.03	1.77E-01	1.71E-01
6	rs2516463	31416536	C	0.07	0.08	T	0.84	0.70	1.00	4.88E-02	5.94E-02
6	rs16899646	31416920	G	0.11	0.12	C	0.89	0.77	1.03	1.15E-01	6.93E-02
6	rs3128982	31417191	G	0.34	0.30	A	1.20	1.09	1.33	2.56E-04	1.47E-04
6	rs9501129	31417396	C	0.12	0.14	T	0.84	0.73	0.97	1.40E-02	7.22E-03
6	rs2596458	31417647	A	0.07	0.08	G	0.83	0.69	0.99	4.02E-02	4.88E-02
6	rs2516458	31419387	A	0.48	0.50	G	0.94	0.86	1.03	1.72E-01	1.65E-01
6	rs2516456	31420018	A	0.48	0.50	G	0.94	0.86	1.03	1.87E-01	1.80E-01
6	rs2516454	31420863	T	0.07	0.08	A	0.83	0.69	0.99	3.97E-02	4.86E-02
6	rs6919586	31421112	G	0.11	0.12	A	0.89	0.77	1.03	1.12E-01	6.70E-02
6	rs3093971	31424607	T	0.11	0.10	C	1.05	0.90	1.21	5.61E-01	6.31E-01
6	rs2395028	31424757	T	0.07	0.08	C	0.83	0.69	0.99	3.89E-02	4.71E-02
6	rs2254386	31425033	T	0.47	0.48	C	0.97	0.89	1.07	5.61E-01	5.59E-01
6	rs2596480	31425985	A	0.07	0.08	G	0.83	0.70	0.99	4.22E-02	5.18E-02
6	rs3094228	31429927	G	0.18	0.18	A	1.02	0.91	1.15	7.18E-01	7.64E-01
6	rs2255001	31430143	C	0.15	0.16	G	0.94	0.82	1.06	3.12E-01	2.71E-01

6	rs2395029	31431780	G	0.03	0.03	T	0.97	0.75	1.25	7.98E-01	7.74E-01
6	rs2284178	31432125	T	0.51	0.49	C	1.07	0.98	1.18	1.45E-01	1.55E-01
6	rs3094014	31433558	T	0.17	0.16	C	1.03	0.91	1.17	6.03E-01	6.09E-01
6	rs2516518	31435119	T	0.08	0.11	C	0.72	0.61	0.85	9.91E-05	1.41E-04
6	rs4713466	31435869	T	0.17	0.14	C	1.33	1.17	1.50	1.30E-05	9.87E-06
6	rs2518028	31436047	A	0.31	0.33	G	0.91	0.83	1.01	7.74E-02	9.62E-02
6	rs2523674	31436789	C	0.45	0.47	T	0.91	0.83	1.00	4.53E-02	3.93E-02
6	rs2395031	31437305	A	0.06	0.05	G	1.09	0.89	1.33	4.26E-01	4.57E-01
6	rs9267137	31438397	C	0.06	0.06	T	1.07	0.88	1.30	5.08E-01	5.44E-01
6	rs7758090	31438794	T	0.07	0.07	C	1.01	0.84	1.22	8.83E-01	9.16E-01
6	rs2844505	31439063	G	0.24	0.26	A	0.90	0.81	1.00	5.13E-02	5.79E-02
6	rs1055569	31440082	T	0.33	0.34	C	0.96	0.87	1.06	4.41E-01	3.69E-01
6	rs2516440	31440497	T	0.33	0.34	C	0.95	0.87	1.05	3.42E-01	2.79E-01
6	rs4413654	31441349	A	0.26	0.27	G	0.94	0.85	1.05	2.76E-01	1.99E-01
6	rs12665745	31441901	A	0.16	0.16	G	0.98	0.87	1.11	7.66E-01	6.34E-01
6	rs6940467	31442137	G	0.10	0.11	A	0.90	0.77	1.05	1.87E-01	1.80E-01
6	rs3131643	31442782	T	0.13	0.13	C	1.07	0.93	1.22	3.43E-01	3.34E-01
6	rs12660382	31443323	T	0.19	0.20	C	0.96	0.86	1.08	5.25E-01	4.13E-01
6	rs16899682	31443699	C	0.03	0.03	G	1.21	0.93	1.58	1.62E-01	1.54E-01
6	rs2596534	31445345	C	0.41	0.41	T	0.97	0.88	1.06	4.98E-01	4.38E-01
6	rs2395488	31445909	G	0.34	0.34	A	0.99	0.90	1.09	8.76E-01	8.20E-01
6	rs2248372	31446466	A	0.31	0.32	G	0.95	0.86	1.05	3.02E-01	2.76E-01
6	rs2248373	31446546	T	0.35	0.34	C	1.06	0.96	1.17	2.43E-01	1.91E-01
6	rs2248462	31446796	A	0.20	0.21	G	0.91	0.81	1.02	1.01E-01	1.05E-01
6	rs2516513	31447588	A	0.20	0.21	G	0.91	0.81	1.02	1.20E-01	1.25E-01
6	rs2516424	31448315	C	0.34	0.34	T	0.99	0.90	1.09	8.42E-01	7.84E-01
6	rs2248617	31448533	A	0.34	0.34	G	0.99	0.90	1.09	8.69E-01	8.06E-01
6	rs3828893	31448653	A	0.06	0.07	G	0.91	0.75	1.09	2.95E-01	2.73E-01
6	rs3749946	31448862	A	0.08	0.07	C	1.09	0.91	1.29	3.52E-01	3.80E-01
6	rs3099844	31448976	A	0.11	0.11	C	0.98	0.85	1.14	7.85E-01	8.09E-01
6	rs2905722	31449327	T	0.12	0.14	C	0.83	0.73	0.96	8.76E-03	1.26E-02
6	rs2516509	31449994	G	0.20	0.21	A	0.91	0.81	1.02	9.60E-02	9.79E-02
6	rs2523710	31450909	T	0.17	0.18	C	0.97	0.86	1.10	6.72E-01	5.32E-01
6	rs2523706	31451567	G	0.31	0.31	A	1.00	0.90	1.10	9.59E-01	8.62E-01

6	rs2904600	31453113	G	0.20	0.21	T	0.90	0.80	1.01	6.88E-02	7.18E-02
6	rs9267212	31453618	T	0.07	0.07	G	0.94	0.79	1.13	5.39E-01	4.92E-01
6	rs17193640	31454887	C	0.07	0.08	T	0.80	0.66	0.96	1.77E-02	1.99E-02
6	rs3094009	31457178	A	0.20	0.20	G	0.98	0.87	1.10	7.27E-01	6.26E-01
6	rs9267289	31458205	A	0.07	0.07	T	0.95	0.79	1.15	6.16E-01	5.62E-01
6	rs2516415	31459742	T	0.33	0.33	C	1.01	0.91	1.11	9.12E-01	9.64E-01
6	rs3130922	31461089	A	0.33	0.33	G	0.96	0.87	1.06	4.29E-01	4.82E-01
6	rs3828903	31464739	A	0.36	0.31	G	1.22	1.11	1.34	6.83E-05	7.06E-05
6	rs3828914	31465819	T	0.35	0.31	C	1.23	1.11	1.35	3.37E-05	2.83E-05
6	rs2855807	31469323	C	0.33	0.37	T	0.81	0.74	0.90	2.83E-05	4.07E-05
6	rs2516496	31469491	G	0.14	0.15	C	0.93	0.81	1.06	2.62E-01	2.65E-01
6	rs2534657	31472459	A	0.14	0.15	G	0.93	0.81	1.06	2.58E-01	2.52E-01
6	rs2855812	31472720	T	0.22	0.23	G	0.96	0.86	1.07	4.72E-01	4.57E-01
6	rs3134899	31473286	C	0.19	0.22	T	0.81	0.72	0.90	1.92E-04	2.53E-04
6	rs3130615	31475413	C	0.22	0.26	T	0.82	0.74	0.92	4.25E-04	4.99E-04
6	rs3132468	31475486	G	0.22	0.26	A	0.82	0.74	0.92	4.25E-04	4.99E-04
6	rs3131635	31476134	T	0.22	0.25	C	0.84	0.75	0.93	1.27E-03	1.43E-03
6	rs2844498	31476854	A	0.46	0.43	G	1.14	1.04	1.25	6.43E-03	5.75E-03
6	rs2844496	31480398	A	0.10	0.11	G	0.87	0.74	1.01	7.17E-02	8.25E-02
6	rs3131633	31480923	T	0.16	0.18	C	0.87	0.77	0.98	2.74E-02	3.77E-02
6	rs2516400	31481105	T	0.32	0.31	C	1.02	0.93	1.13	6.34E-01	7.05E-01
6	rs2516399	31481299	C	0.09	0.11	T	0.85	0.73	1.00	4.28E-02	4.96E-02
6	rs2246986	31482203	G	0.10	0.11	A	0.87	0.75	1.02	7.65E-02	8.77E-02
6	rs2844494	31483415	G	0.30	0.34	T	0.84	0.76	0.93	4.51E-04	7.40E-04
6	rs9267444	31483458	A	0.35	0.34	G	1.03	0.93	1.13	6.17E-01	5.81E-01
6	rs9267445	31483481	C	0.10	0.10	G	0.97	0.84	1.13	7.22E-01	7.62E-01
6	rs2395045	31484517	C	0.20	0.23	T	0.86	0.77	0.96	7.14E-03	9.73E-03
6	rs3131631	31484683	C	0.20	0.23	G	0.86	0.77	0.96	6.95E-03	9.49E-03
6	rs3093998	31485174	G	0.34	0.36	T	0.92	0.83	1.01	9.23E-02	1.03E-01
6	rs3130637	31488145	T	0.23	0.25	C	0.91	0.82	1.01	8.67E-02	1.05E-01
6	rs3132454	31489644	C	0.38	0.38	T	1.00	0.91	1.09	9.22E-01	8.53E-01
6	rs3093993	31490725	G	0.23	0.25	T	0.91	0.82	1.01	8.42E-02	1.02E-01
6	rs9469021	31490970	T	0.02	0.03	C	0.71	0.52	0.96	2.49E-02	1.76E-02
6	rs3095227	31491000	T	0.23	0.25	C	0.91	0.81	1.01	7.69E-02	9.46E-02

6	rs3093988	31492453	T	0.17	0.15	C	1.13	1.00	1.28	5.34E-02	4.42E-02
6	rs3093986	31493421	A	0.17	0.19	T	0.87	0.77	0.98	2.30E-02	3.29E-02
6	rs2734574	31493888	T	0.39	0.37	A	1.08	0.99	1.19	9.36E-02	9.44E-02
6	rs3093983	31496925	C	0.16	0.19	T	0.87	0.77	0.98	2.44E-02	3.37E-02
6	rs3130055	31497399	C	0.22	0.26	T	0.83	0.75	0.93	9.93E-04	1.22E-03
6	rs3093978	31498497	G	0.17	0.19	T	0.87	0.77	0.98	2.23E-02	3.15E-02
6	rs3853601	31499603	C	0.14	0.12	G	1.18	1.03	1.35	2.07E-02	2.12E-02
6	rs3093948	31501413	T	0.17	0.19	C	0.87	0.77	0.98	1.94E-02	2.71E-02
6	rs1055388	31501737	G	0.22	0.26	A	0.84	0.75	0.93	1.30E-03	1.58E-03
6	rs3093976	31502861	T	0.17	0.19	C	0.87	0.77	0.99	2.77E-02	3.86E-02
6	rs3130057	31504587	G	0.17	0.19	T	0.87	0.77	0.99	2.81E-02	3.90E-02
6	rs2734583	31505480	C	0.10	0.11	T	0.98	0.85	1.14	8.24E-01	8.57E-01
6	rs3130058	31505887	T	0.17	0.19	C	0.87	0.77	0.98	2.67E-02	3.73E-02
6	rs933208	31506648	C	0.22	0.26	A	0.83	0.75	0.93	1.08E-03	1.30E-03
6	rs2071596	31506691	T	0.19	0.17	C	1.15	1.02	1.30	2.30E-02	2.06E-02
6	rs2516393	31506744	T	0.17	0.19	G	0.87	0.77	0.99	2.76E-02	3.82E-02
6	rs2239709	31507447	A	0.06	0.07	G	0.81	0.67	0.99	3.41E-02	2.43E-02
6	rs12665501	31508069	G	0.02	0.02	T	0.98	0.69	1.39	8.90E-01	8.34E-01
6	rs7738430	31508836	C	0.03	0.03	T	0.86	0.64	1.15	3.00E-01	3.00E-01
6	rs2523507	31509355	C	0.23	0.26	T	0.84	0.75	0.93	1.31E-03	1.67E-03
6	rs2523505	31510002	C	0.07	0.08	G	0.98	0.83	1.17	8.43E-01	8.78E-01
6	rs2844509	31510924	C	0.25	0.25	T	0.97	0.87	1.08	5.36E-01	4.84E-01
6	rs12662306	31511138	C	0.02	0.02	A	0.95	0.67	1.36	7.97E-01	7.51E-01
6	rs9267487	31511350	C	0.06	0.06	T	1.04	0.86	1.26	6.85E-01	7.15E-01
6	rs2251824	31511857	A	0.16	0.16	G	1.00	0.88	1.14	9.68E-01	9.72E-01
6	rs2071593	31512799	T	0.06	0.07	C	0.82	0.67	0.99	3.45E-02	2.46E-02
6	rs2239705	31513402	T	0.18	0.18	C	0.96	0.85	1.08	5.00E-01	4.62E-01
6	rs2523503	31513559	T	0.16	0.16	G	1.00	0.88	1.14	9.86E-01	9.55E-01
6	rs2071591	31515799	T	0.37	0.33	C	1.19	1.08	1.31	3.40E-04	2.36E-04
6	rs3219183	31516363	C	0.04	0.04	G	0.92	0.73	1.16	4.77E-01	4.59E-01
6	rs7738380	31518015	G	0.02	0.01	A	1.77	1.24	2.54	1.60E-03	1.89E-03
6	rs2523500	31518354	C	0.34	0.37	T	0.89	0.81	0.98	1.45E-02	1.85E-02
6	rs6916921	31520426	T	0.10	0.10	C	0.92	0.79	1.08	2.98E-01	2.44E-01
6	rs35969216	31521242	T	0.01	0.01	C	0.78	0.48	1.26	3.02E-01	3.32E-01

6	rs2255798	31521302	G	0.13	0.13	C	0.96	0.84	1.10	5.61E-01	5.02E-01
6	rs6929796	31522669	A	0.19	0.17	G	1.17	1.04	1.32	1.16E-02	1.01E-02
6	rs2857605	31524851	G	0.18	0.21	A	0.83	0.74	0.94	2.03E-03	3.05E-03
6	rs2230365	31525448	T	0.14	0.15	C	0.94	0.83	1.08	3.86E-01	3.29E-01
6	rs13192469	31526856	C	0.04	0.04	T	0.92	0.73	1.17	5.05E-01	4.93E-01
6	rs4947324	31528130	T	0.09	0.10	C	0.92	0.79	1.08	3.13E-01	2.52E-01
6	rs17200733	31528951	G	0.13	0.11	A	1.25	1.08	1.44	2.09E-03	2.17E-03
6	rs2516390	31529883	G	0.38	0.41	A	0.88	0.80	0.97	7.32E-03	9.00E-03
6	rs928815	31531215	A	0.38	0.41	C	0.88	0.80	0.97	7.75E-03	9.48E-03
6	rs2857709	31532814	T	0.12	0.14	C	0.83	0.72	0.95	5.70E-03	6.93E-03
6	rs2857708	31533606	A	0.13	0.13	G	0.96	0.83	1.10	5.10E-01	4.55E-01
6	rs17200740	31535539	C	0.01	0.01	A	0.79	0.53	1.20	2.72E-01	2.73E-01
6	rs2009658	31538244	G	0.16	0.16	C	0.99	0.87	1.13	9.11E-01	8.36E-01
6	rs2844482	31539767	A	0.16	0.16	G	0.98	0.87	1.12	7.89E-01	7.17E-01
6	rs1800683	31540071	A	0.37	0.33	G	1.20	1.09	1.32	1.58E-04	1.03E-04
6	rs2229094	31540556	C	0.25	0.26	T	0.95	0.86	1.06	3.75E-01	2.89E-01
6	rs2229092	31540757	C	0.05	0.06	A	0.85	0.69	1.04	1.09E-01	9.02E-02
6	rs1041981	31540784	A	0.37	0.33	C	1.19	1.08	1.31	3.17E-04	2.14E-04
6	rs3093662	31544189	G	0.08	0.07	A	1.02	0.86	1.22	8.01E-01	8.51E-01
6	rs3093668	31546495	C	0.04	0.04	G	0.99	0.78	1.26	9.62E-01	9.08E-01
6	rs7766988	31551347	C	0.04	0.03	G	1.18	0.92	1.52	1.92E-01	1.79E-01
6	rs17200768	31553935	T	0.01	0.02	C	0.74	0.50	1.10	1.31E-01	1.32E-01
6	rs2256965	31555130	T	0.40	0.44	C	0.86	0.79	0.95	2.02E-03	2.18E-03
6	rs9267503	31555189	A	0.02	0.01	G	1.83	1.19	2.80	5.14E-03	5.60E-03
6	rs13211368	31555818	A	0.02	0.01	G	1.07	0.73	1.57	7.24E-01	7.86E-01
6	rs986475	31556709	C	0.09	0.10	T	0.90	0.77	1.05	1.78E-01	1.45E-01
6	rs11575841	31557491	A	0.03	0.03	G	1.16	0.89	1.51	2.75E-01	2.72E-01
6	rs2736191	31560910	C	0.03	0.04	G	0.87	0.67	1.12	2.70E-01	2.81E-01
6	rs2844480	31564821	A	0.20	0.20	G	1.00	0.89	1.12	9.96E-01	9.23E-01
6	rs2509217	31566204	T	0.03	0.03	C	1.00	0.77	1.30	9.99E-01	9.39E-01
6	rs17200810	31566507	A	0.03	0.03	G	1.14	0.87	1.50	3.39E-01	2.97E-01
6	rs2857596	31567422	C	0.23	0.26	A	0.87	0.79	0.97	1.42E-02	1.87E-02
6	rs2857595	31568469	T	0.20	0.19	C	1.07	0.96	1.21	2.30E-01	1.97E-01
6	rs2857700	31572481	A	0.11	0.12	G	0.86	0.74	0.99	3.37E-02	4.09E-02

6	rs9378200	31572927	C	0.06	0.07	T	0.82	0.67	1.00	4.45E-02	2.99E-02
6	rs2844479	31572956	G	0.38	0.36	T	1.11	1.01	1.22	2.74E-02	3.55E-02
6	rs9348876	31575276	T	0.07	0.07	C	0.88	0.73	1.05	1.56E-01	1.24E-01
6	rs2844477	31578772	G	0.39	0.38	A	1.04	0.95	1.15	3.95E-01	5.17E-01
6	rs3132451	31582025	G	0.19	0.18	C	1.08	0.96	1.22	1.87E-01	1.55E-01
6	rs2844475	31583155	T	0.41	0.40	C	1.04	0.95	1.14	3.75E-01	5.26E-01
6	rs28732150	31583224	A	0.05	0.06	G	0.82	0.66	1.01	6.00E-02	4.78E-02
6	rs2269475	31583931	A	0.12	0.14	G	0.86	0.75	0.99	3.01E-02	3.27E-02
6	rs2857597	31585000	A	0.25	0.26	T	0.95	0.86	1.06	3.36E-01	4.35E-01
6	rs2736177	31586094	G	0.11	0.14	A	0.79	0.68	0.91	8.27E-04	1.25E-03
6	rs2736176	31587561	G	0.33	0.31	C	1.09	0.99	1.20	9.67E-02	1.32E-01
6	rs2736173	31589735	A	0.03	0.02	G	1.21	0.92	1.60	1.75E-01	1.92E-01
6	rs3130622	31592524	C	0.17	0.17	G	1.05	0.93	1.18	4.74E-01	4.28E-01
6	rs2260000	31593476	C	0.39	0.38	T	1.05	0.95	1.15	3.30E-01	4.45E-01
6	rs3130071	31594628	T	0.11	0.14	A	0.79	0.68	0.91	9.23E-04	1.42E-03
6	rs17207225	31597757	T	0.02	0.02	C	0.98	0.73	1.33	9.08E-01	7.91E-01
6	rs3115663	31601843	G	0.17	0.17	A	1.03	0.92	1.17	5.87E-01	5.29E-01
6	rs1046089	31602967	A	0.34	0.34	G	1.01	0.91	1.11	9.26E-01	8.42E-01
6	rs2261033	31603591	C	0.48	0.47	T	1.01	0.92	1.11	8.74E-01	1.00E+00
6	rs3132453	31604044	A	0.06	0.07	C	0.83	0.69	1.00	4.94E-02	5.76E-02
6	rs35502919	31604355	A	0.07	0.05	C	1.68	1.38	2.04	1.00E-07	6.47E-08
6	rs743400	31607111	C	0.06	0.06	T	0.92	0.76	1.12	4.18E-01	4.40E-01
6	rs9267525	31607942	C	0.08	0.06	T	1.28	1.08	1.52	5.12E-03	4.31E-03
6	rs3130628	31609272	C	0.17	0.17	T	1.03	0.91	1.16	6.34E-01	5.70E-01
6	rs1077394	31610384	G	0.31	0.34	A	0.88	0.79	0.97	8.01E-03	1.04E-02
6	rs1077393	31610529	T	0.48	0.51	C	0.91	0.83	1.00	4.01E-02	5.58E-02
6	rs3130048	31613739	C	0.25	0.25	T	0.98	0.88	1.09	6.90E-01	6.92E-01
6	rs2844463	31615167	T	0.16	0.13	C	1.26	1.11	1.44	4.49E-04	4.09E-04
6	rs805303	31616366	T	0.37	0.37	C	1.01	0.92	1.11	8.74E-01	8.26E-01
6	rs805302	31617957	G	0.37	0.37	T	1.01	0.91	1.11	9.16E-01	8.67E-01
6	rs805301	31618121	G	0.37	0.37	T	1.00	0.91	1.11	9.27E-01	8.78E-01
6	rs805300	31618567	C	0.05	0.04	T	1.36	1.09	1.71	7.21E-03	7.47E-03
6	rs3130050	31618761	G	0.11	0.14	A	0.80	0.70	0.92	2.01E-03	2.98E-03
6	rs3117583	31619576	C	0.17	0.17	T	1.04	0.92	1.17	5.53E-01	4.96E-01

6	rs813115	31620020	C	0.37	0.37	T	1.00	0.91	1.10	9.42E-01	8.94E-01
6	rs3117582	31620520	C	0.09	0.10	A	0.88	0.75	1.03	1.07E-01	1.18E-01
6	rs805298	31621095	A	0.05	0.03	C	1.46	1.16	1.84	1.19E-03	1.18E-03
6	rs805264	31623873	T	0.05	0.03	C	1.38	1.09	1.74	6.98E-03	7.06E-03
6	rs3132449	31626013	A	0.09	0.10	G	0.88	0.75	1.03	1.22E-01	1.33E-01
6	rs28732157	31628216	T	0.05	0.06	C	0.84	0.68	1.03	9.34E-02	7.49E-02
6	rs805262	31628733	A	0.47	0.47	G	1.00	0.91	1.10	9.91E-01	8.73E-01
6	rs707974	31629499	C	0.12	0.10	T	1.32	1.14	1.53	2.01E-04	2.04E-04
6	rs928814	31631907	T	0.02	0.03	C	0.95	0.71	1.27	7.34E-01	6.37E-01
6	rs3130618	31632134	A	0.17	0.17	C	1.04	0.92	1.17	5.58E-01	5.00E-01
6	rs34541484	31633389	C	0.02	0.02	T	0.80	0.56	1.15	2.28E-01	2.45E-01
6	rs9267529	31634570	C	0.08	0.07	A	1.25	1.05	1.48	1.02E-02	8.23E-03
6	rs14365	31635710	C	0.20	0.20	T	0.97	0.86	1.08	5.57E-01	5.54E-01
6	rs3117578	31636031	T	0.11	0.14	C	0.80	0.70	0.92	1.66E-03	2.52E-03
6	rs9267531	31636742	G	0.09	0.10	A	0.88	0.75	1.03	1.17E-01	1.26E-01
6	rs805268	31638178	G	0.05	0.03	T	1.39	1.10	1.75	6.12E-03	6.19E-03
6	rs35609644	31638848	T	0.01	0.02	C	0.84	0.58	1.22	3.50E-01	3.54E-01
6	rs805267	31639757	T	0.05	0.04	C	1.38	1.10	1.73	5.42E-03	5.65E-03
6	rs9267532	31639979	T	0.08	0.06	C	1.29	1.09	1.54	3.46E-03	2.91E-03
6	rs1266076	31640518	C	0.37	0.37	A	1.00	0.91	1.10	9.64E-01	9.86E-01
6	rs707919	31641139	C	0.33	0.31	T	1.09	0.99	1.20	8.75E-02	1.21E-01
6	rs805272	31641386	A	0.05	0.03	C	1.39	1.10	1.75	6.37E-03	6.39E-03
6	rs805269	31644282	C	0.05	0.04	T	1.36	1.08	1.71	7.72E-03	8.22E-03
6	rs2280800	31646398	T	0.12	0.14	G	0.86	0.75	0.99	3.35E-02	3.83E-02
6	rs9267534	31646766	C	0.08	0.07	T	1.25	1.06	1.48	9.26E-03	7.48E-03
6	rs9267536	31651194	C	0.05	0.04	A	1.25	1.00	1.56	4.65E-02	4.63E-02
6	rs707918	31654732	T	0.28	0.27	A	1.06	0.95	1.17	3.05E-01	2.86E-01
6	rs915653	31657047	C	0.01	0.01	T	1.19	0.77	1.84	4.23E-01	5.29E-01
6	rs805283	31657924	T	0.05	0.04	C	1.38	1.10	1.73	5.37E-03	5.39E-03
6	rs28366155	31658634	G	0.06	0.06	A	0.92	0.76	1.12	3.99E-01	4.20E-01
6	rs11552114	31660848	T	0.01	0.02	C	0.81	0.55	1.20	2.88E-01	2.65E-01
6	rs805281	31661489	G	0.28	0.27	A	1.05	0.95	1.17	3.38E-01	3.19E-01
6	rs805277	31662957	A	0.28	0.27	G	1.05	0.95	1.16	3.38E-01	3.26E-01
6	rs805274	31665194	G	0.28	0.27	A	1.05	0.95	1.16	3.50E-01	3.29E-01

6	rs805273	31665452	T	0.07	0.06	C	1.20	1.00	1.43	4.76E-02	5.42E-02
6	rs2295663	31669295	C	0.05	0.06	T	0.82	0.67	1.01	6.48E-02	5.17E-02
6	rs984685	31669457	A	0.04	0.04	G	0.94	0.75	1.19	6.34E-01	6.30E-01
6	rs1266071	31669496	A	0.12	0.10	G	1.31	1.13	1.52	2.69E-04	2.76E-04
6	rs9267545	31671879	A	0.08	0.07	G	1.25	1.06	1.48	8.91E-03	7.32E-03
6	rs34406901	31672268	G	0.08	0.05	A	1.43	1.19	1.72	1.24E-04	8.12E-05
6	rs9267546	31673436	A	0.10	0.09	G	1.15	0.99	1.34	7.29E-02	6.13E-02
6	rs2242653	31675765	T	0.14	0.16	C	0.82	0.72	0.94	3.27E-03	3.46E-03
6	rs805286	31679307	C	0.27	0.28	T	0.96	0.86	1.06	3.86E-01	3.54E-01
6	rs9469040	31679874	T	0.04	0.03	G	1.43	1.13	1.82	3.17E-03	3.21E-03
6	rs385306	31681160	T	0.23	0.23	C	0.99	0.89	1.11	8.87E-01	8.52E-01
6	rs442391	31681289	A	0.02	0.02	G	0.79	0.56	1.10	1.63E-01	1.60E-01
6	rs9469042	31683018	C	0.05	0.03	T	1.47	1.16	1.86	1.29E-03	1.41E-03
6	rs3749952	31683157	G	0.04	0.03	T	1.45	1.14	1.84	2.43E-03	2.49E-03
6	rs3131384	31685654	C	0.16	0.18	G	0.84	0.74	0.95	5.16E-03	6.44E-03
6	rs396763	31686726	G	0.01	0.02	A	0.80	0.54	1.18	2.61E-01	2.42E-01
6	rs1065356	31687008	T	0.20	0.22	C	0.90	0.81	1.01	7.58E-02	6.76E-02
6	rs805294	31688217	C	0.34	0.35	T	0.94	0.85	1.03	1.85E-01	1.79E-01
6	rs805293	31688518	T	0.51	0.47	A	1.18	1.07	1.29	5.54E-04	6.37E-04
6	rs805292	31690009	T	0.20	0.22	C	0.90	0.81	1.01	6.29E-02	5.83E-02
6	rs805306	31692163	C	0.34	0.35	T	0.95	0.86	1.05	3.14E-01	2.98E-01
6	rs11575845	31692386	G	0.05	0.06	C	0.88	0.71	1.09	2.37E-01	2.45E-01
6	rs28366162	31695590	C	0.06	0.06	T	0.91	0.75	1.11	3.56E-01	3.70E-01
6	rs805305	31697387	C	0.34	0.35	G	0.93	0.85	1.03	1.51E-01	1.46E-01
6	rs805304	31698088	C	0.34	0.35	A	0.93	0.84	1.03	1.43E-01	1.38E-01
6	rs17201046	31699573	A	0.02	0.03	G	0.56	0.40	0.79	9.00E-04	6.53E-04
6	rs28381339	31706474	C	0.01	0.01	G	0.93	0.59	1.45	7.39E-01	8.08E-01
6	rs3131382	31707730	A	0.06	0.07	G	0.80	0.66	0.97	1.98E-02	2.32E-02
6	rs28381348	31708910	C	0.04	0.04	T	1.07	0.85	1.35	5.55E-01	5.55E-01
6	rs707915	31710968	T	0.08	0.06	A	1.24	1.04	1.48	1.83E-02	1.53E-02
6	rs2293861	31711124	A	0.13	0.16	G	0.77	0.67	0.88	8.48E-05	6.21E-05
6	rs3132445	31712196	T	0.09	0.10	C	0.88	0.75	1.04	1.27E-01	1.37E-01
6	rs3749953	31713124	G	0.10	0.13	A	0.76	0.66	0.88	1.81E-04	1.48E-04
6	rs3828922	31713454	T	0.13	0.16	C	0.77	0.67	0.88	9.28E-05	6.73E-05

6	rs3131379	31721033	T	0.09	0.10	C	0.88	0.75	1.03	1.18E-01	1.28E-01
6	rs3117574	31725230	A	0.09	0.10	G	0.88	0.75	1.04	1.28E-01	1.39E-01
6	rs707939	31726688	T	0.38	0.35	G	1.12	1.01	1.23	2.54E-02	3.23E-02
6	rs707938	31729359	C	0.29	0.32	T	0.90	0.81	0.99	3.35E-02	3.31E-02
6	rs707937	31731014	C	0.18	0.20	G	0.85	0.75	0.96	6.74E-03	6.93E-03
6	rs6905572	31731881	T	0.10	0.13	C	0.76	0.66	0.88	2.14E-04	1.72E-04
6	rs3101017	31733466	G	0.09	0.10	A	0.89	0.76	1.04	1.35E-01	1.47E-01
6	rs707928	31742590	C	0.30	0.33	T	0.89	0.80	0.98	1.64E-02	1.54E-02
6	rs707927	31745518	C	0.04	0.03	T	1.37	1.07	1.75	1.25E-02	1.20E-02
6	rs35756329	31753423	C	0.02	0.02	T	1.44	1.04	2.00	2.93E-02	2.12E-02
6	rs480092	31764899	G	0.14	0.17	A	0.84	0.74	0.95	6.27E-03	5.85E-03
6	rs17207552	31765056	C	0.02	0.02	G	1.01	0.71	1.44	9.67E-01	9.80E-01
6	rs17201171	31773975	C	0.02	0.02	T	0.72	0.52	1.01	5.92E-02	6.00E-02
6	rs34636308	31777687	A	0.02	0.02	G	0.72	0.52	1.02	5.99E-02	6.04E-02
6	rs2075800	31777946	A	0.36	0.34	G	1.12	1.02	1.24	1.82E-02	2.19E-02
6	rs2227956	31778272	C	0.15	0.18	T	0.83	0.73	0.94	3.34E-03	3.82E-03
6	rs34378923	31782855	C	0.01	0.01	T	0.61	0.39	0.97	3.45E-02	2.66E-02
6	rs9469058	31788050	A	0.03	0.02	T	1.44	1.10	1.89	8.58E-03	9.81E-03
6	rs2763979	31794592	T	0.32	0.34	C	0.92	0.84	1.02	9.88E-02	8.72E-02
6	rs2471980	31800868	G	0.28	0.32	C	0.85	0.77	0.94	1.59E-03	1.39E-03
6	rs4711279	31802465	G	0.10	0.13	C	0.78	0.67	0.90	6.10E-04	5.14E-04
6	rs9368699	31802541	C	0.04	0.04	T	0.98	0.77	1.25	8.98E-01	8.01E-01
6	rs17201248	31803130	T	0.03	0.02	C	1.23	0.91	1.65	1.77E-01	1.46E-01
6	rs17207629	31804610	A	0.06	0.04	G	1.50	1.22	1.84	1.14E-04	8.78E-05
6	rs11968400	31804729	T	0.07	0.07	C	1.08	0.91	1.29	3.82E-01	4.14E-01
6	rs733539	31807489	A	0.10	0.13	G	0.78	0.68	0.90	6.41E-04	5.29E-04
6	rs3115673	31810085	A	0.12	0.15	C	0.80	0.70	0.91	8.24E-04	7.24E-04
6	rs12210887	31815723	T	0.06	0.06	G	1.14	0.94	1.38	1.76E-01	1.99E-01
6	rs9501157	31819123	A	0.02	0.03	G	0.86	0.64	1.16	3.22E-01	3.28E-01
6	rs13191375	31819164	A	0.05	0.03	C	1.49	1.18	1.88	7.11E-04	9.98E-04
6	rs4947331	31821041	T	0.09	0.10	C	0.84	0.72	0.98	2.96E-02	2.90E-02
6	rs9267649	31824828	A	0.15	0.18	G	0.81	0.71	0.91	7.94E-04	9.06E-04
6	rs13118	31827286	A	0.04	0.03	T	1.47	1.16	1.86	1.48E-03	1.84E-03
6	rs11966200	31837066	T	0.04	0.03	C	1.37	1.06	1.78	1.60E-02	1.57E-02

6	rs660550	31837277	C	0.37	0.44	A	0.77	0.70	0.85	4.94E-08	5.10E-08
6	rs577272	31837963	G	0.37	0.44	A	0.77	0.70	0.85	4.33E-08	4.33E-08
6	rs644827	31838441	T	0.37	0.44	C	0.77	0.70	0.84	2.51E-08	2.46E-08
6	rs494620	31838713	A	0.46	0.42	G	1.18	1.08	1.30	4.51E-04	5.52E-04
6	rs2242665	31839309	G	0.37	0.44	A	0.77	0.70	0.85	4.13E-08	4.15E-08
6	rs614549	31840625	C	0.40	0.38	T	1.13	1.03	1.24	1.37E-02	1.60E-02
6	rs2736428	31843924	A	0.37	0.34	G	1.14	1.03	1.25	8.95E-03	1.18E-02
6	rs9267658	31845985	T	0.11	0.14	C	0.77	0.67	0.88	2.30E-04	3.68E-04
6	rs9267659	31846234	A	0.17	0.21	G	0.78	0.69	0.88	3.73E-05	4.37E-05
6	rs652888	31851234	C	0.18	0.20	T	0.89	0.79	1.00	5.52E-02	5.11E-02
6	rs7743807	31854543	T	0.04	0.04	C	0.96	0.76	1.21	7.13E-01	7.60E-01
6	rs35875104	31856294	C	0.04	0.03	T	1.50	1.17	1.91	1.33E-03	1.76E-03
6	rs9501159	31860118	A	0.01	0.01	G	1.18	0.77	1.79	4.49E-01	5.42E-01
6	rs9267661	31860576	T	0.01	0.02	C	0.90	0.61	1.32	5.82E-01	5.71E-01
6	rs659445	31864304	C	0.27	0.32	T	0.80	0.72	0.89	2.43E-05	2.98E-05
6	rs2844456	31864674	G	0.08	0.05	A	1.70	1.40	2.05	5.14E-08	3.25E-08
6	rs9469069	31866418	G	0.03	0.03	A	0.88	0.67	1.16	3.71E-01	4.06E-01
6	rs9267663	31867253	T	0.03	0.03	C	0.82	0.62	1.08	1.57E-01	1.47E-01
6	rs558702	31870326	T	0.08	0.10	C	0.84	0.72	0.99	3.31E-02	3.55E-02
6	rs9267665	31870856	T	0.03	0.03	C	0.84	0.64	1.10	2.03E-01	1.89E-01
6	rs6939227	31870873	A	0.04	0.04	C	0.96	0.77	1.21	7.52E-01	8.06E-01
6	rs2763982	31872551	C	0.40	0.36	G	1.17	1.07	1.29	1.11E-03	1.38E-03
6	rs519417	31878433	A	0.08	0.10	G	0.83	0.71	0.98	2.55E-02	2.73E-02
6	rs3128761	31879158	A	0.11	0.14	T	0.77	0.67	0.89	2.41E-04	3.97E-04
6	rs28435656	31880637	A	0.13	0.17	G	0.74	0.65	0.84	5.22E-06	8.21E-06
6	rs17201403	31888062	A	0.02	0.01	G	1.40	0.97	2.02	6.84E-02	8.85E-02
6	rs3130683	31888367	C	0.11	0.14	T	0.77	0.67	0.89	2.99E-04	5.21E-04
6	rs497309	31892484	G	0.08	0.10	T	0.82	0.70	0.97	1.77E-02	1.89E-02
6	rs2734335	31893944	C	0.45	0.49	T	0.85	0.78	0.93	5.72E-04	7.81E-04
6	rs9332702	31894818	G	0.02	0.01	C	1.53	1.07	2.18	1.87E-02	1.61E-02
6	rs9332704	31895619	T	0.02	0.01	G	1.26	0.88	1.79	2.11E-01	2.59E-01
6	rs1042663	31905130	A	0.11	0.09	G	1.26	1.08	1.47	2.76E-03	2.00E-03
6	rs550605	31907147	C	0.11	0.09	T	1.26	1.08	1.46	2.98E-03	2.13E-03
6	rs638383	31908224	A	0.04	0.04	G	0.95	0.76	1.19	6.55E-01	7.10E-01

6	rs497239	31908761	C	0.11	0.09	T	1.26	1.08	1.46	3.21E-03	2.31E-03
6	rs547154	31910938	A	0.11	0.09	C	1.27	1.09	1.48	1.88E-03	1.38E-03
6	rs9332730	31912009	C	0.03	0.04	G	0.82	0.64	1.06	1.37E-01	1.21E-01
6	rs512559	31916062	C	0.04	0.04	T	0.95	0.75	1.19	6.38E-01	6.94E-01
6	rs537160	31916400	T	0.27	0.32	C	0.80	0.72	0.89	1.51E-05	2.70E-05
6	rs541862	31916951	G	0.11	0.09	A	1.26	1.08	1.47	2.55E-03	1.86E-03
6	rs4151657	31917540	C	0.39	0.35	T	1.17	1.06	1.29	1.17E-03	2.14E-03
6	rs1270942	31918860	C	0.08	0.10	T	0.82	0.70	0.97	1.90E-02	2.11E-02
6	rs2072633	31919578	T	0.40	0.43	C	0.88	0.80	0.97	7.79E-03	1.38E-02
6	rs4151672	31919830	T	0.05	0.05	C	0.96	0.78	1.19	7.09E-01	7.29E-01
6	rs4151664	31920873	T	0.05	0.05	C	0.98	0.79	1.20	8.14E-01	7.55E-01
6	rs630379	31922254	T	0.22	0.28	G	0.73	0.66	0.81	1.23E-08	2.09E-08
6	rs34555781	31925697	C	0.04	0.04	A	0.86	0.68	1.10	2.26E-01	2.61E-01
6	rs17201466	31926600	T	0.03	0.03	C	0.73	0.55	0.96	2.60E-02	1.86E-02
6	rs438999	31928306	C	0.11	0.09	T	1.27	1.09	1.48	1.88E-03	1.33E-03
6	rs437179	31929014	T	0.22	0.28	G	0.73	0.66	0.81	9.40E-09	1.43E-08
6	rs592229	31930441	G	0.41	0.44	T	0.87	0.79	0.96	3.46E-03	5.73E-03
6	rs429608	31930462	A	0.18	0.15	G	1.22	1.08	1.38	1.17E-03	7.72E-04
6	rs406936	31933161	T	0.15	0.13	C	1.16	1.02	1.32	2.84E-02	2.00E-02
6	rs492899	31933518	G	0.07	0.08	A	0.84	0.71	1.00	4.80E-02	2.89E-02
6	rs454212	31934372	A	0.15	0.13	G	1.18	1.03	1.35	1.37E-02	8.92E-03
6	rs453821	31935311	A	0.15	0.13	G	1.16	1.02	1.32	2.73E-02	1.93E-02
6	rs13217120	31935928	C	0.03	0.04	G	0.85	0.67	1.09	2.09E-01	2.38E-01
6	rs416002	31938635	G	0.04	0.04	C	0.93	0.74	1.17	5.14E-01	5.53E-01
6	rs389884	31940897	C	0.08	0.10	T	0.82	0.70	0.96	1.54E-02	1.72E-02
6	rs387608	31941557	T	0.15	0.13	C	1.15	1.01	1.32	3.47E-02	2.50E-02
6	rs6941112	31946614	A	0.36	0.32	G	1.17	1.06	1.29	1.50E-03	2.52E-03
6	rs386480	31946837	G	0.22	0.28	C	0.72	0.65	0.81	3.50E-09	4.91E-09
6	rs389883	31947460	C	0.22	0.28	A	0.72	0.65	0.80	2.80E-09	3.95E-09
6	rs389512	31947594	G	0.15	0.13	C	1.15	1.01	1.31	4.00E-02	2.84E-02
6	rs6455	32006896	C	0.01	0.02	G	0.56	0.38	0.83	3.02E-03	1.90E-03
6	rs34214527	32014456	T	0.10	0.08	C	1.30	1.11	1.52	1.24E-03	1.37E-03
6	rs2856448	32014575	T	0.41	0.49	C	0.73	0.66	0.80	1.08E-11	1.13E-11
6	rs12333245	32019769	A	0.11	0.09	G	1.22	1.05	1.41	1.01E-02	8.54E-03

6	rs34562262	32020961	C	0.08	0.04	G	1.78	1.47	2.16	3.60E-09	2.12E-09
6	rs11969759	32021130	T	0.05	0.06	C	0.79	0.64	0.97	2.32E-02	1.60E-02
6	rs12198173	32026808	A	0.10	0.08	G	1.25	1.07	1.47	4.55E-03	5.13E-03
6	rs2269429	32029183	A	0.11	0.09	G	1.20	1.03	1.40	1.64E-02	1.42E-02
6	rs2239689	32030284	T	0.37	0.33	C	1.19	1.08	1.31	4.43E-04	5.41E-04
6	rs7766862	32033007	A	0.37	0.33	G	1.19	1.08	1.31	4.61E-04	5.67E-04
6	rs17207923	32036788	T	0.02	0.02	C	0.77	0.55	1.09	1.39E-01	1.47E-01
6	rs1150755	32038550	A	0.13	0.14	G	0.87	0.76	0.99	4.14E-02	4.77E-02
6	rs2071295	32038700	A	0.37	0.33	G	1.19	1.09	1.32	2.93E-04	3.66E-04
6	rs204878	32045226	T	0.05	0.05	A	0.98	0.80	1.22	8.80E-01	9.22E-01
6	rs7774197	32046275	C	0.05	0.06	A	0.79	0.64	0.97	2.45E-02	1.71E-02
6	rs17201560	32047268	C	0.04	0.04	T	1.01	0.81	1.27	9.01E-01	8.73E-01
6	rs185819	32050067	T	0.42	0.49	C	0.73	0.67	0.81	4.83E-11	5.87E-11
6	rs1150754	32050758	A	0.13	0.14	G	0.86	0.75	0.99	3.39E-02	3.87E-02
6	rs34878747	32052898	T	0.05	0.05	C	0.91	0.74	1.14	4.24E-01	4.18E-01
6	rs169496	32052983	A	0.11	0.09	G	1.23	1.06	1.42	7.29E-03	6.29E-03
6	rs204899	32057627	A	0.11	0.09	G	1.22	1.05	1.42	8.69E-03	7.80E-03
6	rs17201595	32058425	C	0.02	0.02	G	0.92	0.68	1.25	5.88E-01	6.01E-01
6	rs1150753	32059867	C	0.08	0.10	T	0.82	0.69	0.96	1.39E-02	1.51E-02
6	rs2071293	32062687	T	0.35	0.32	C	1.19	1.08	1.31	5.27E-04	6.57E-04
6	rs13199524	32066765	T	0.10	0.08	C	1.27	1.09	1.49	2.61E-03	2.98E-03
6	rs3096695	32069806	G	0.10	0.14	C	0.74	0.64	0.85	2.62E-05	4.49E-05
6	rs1269854	32070838	G	0.05	0.05	A	1.00	0.81	1.23	9.66E-01	9.84E-01
6	rs3134954	32071893	G	0.11	0.14	A	0.75	0.65	0.86	3.88E-05	5.76E-05
6	rs393544	32074518	C	0.04	0.04	G	0.94	0.75	1.17	5.72E-01	6.08E-01
6	rs12153855	32074804	C	0.12	0.10	T	1.18	1.02	1.36	2.62E-02	3.07E-02
6	rs2269426	32076499	T	0.44	0.39	C	1.24	1.13	1.37	4.36E-06	7.79E-06
6	rs17207986	32079567	C	0.05	0.06	T	0.88	0.72	1.08	2.26E-01	2.35E-01
6	rs3130342	32080146	T	0.11	0.14	G	0.74	0.64	0.85	2.04E-05	3.21E-05
6	rs9469084	32080383	T	0.10	0.07	C	1.37	1.16	1.61	1.50E-04	1.10E-04
6	rs8111	32083175	A	0.32	0.29	G	1.18	1.07	1.30	1.08E-03	1.51E-03
6	rs8283	32083300	C	0.22	0.18	T	1.28	1.15	1.44	1.48E-05	1.40E-05
6	rs28732175	32085278	T	0.04	0.04	C	1.02	0.79	1.30	9.08E-01	9.69E-01
6	rs2228628	32088854	G	0.33	0.30	C	1.19	1.08	1.31	6.33E-04	9.10E-04

6	rs35580488	32097421	C	0.03	0.01	G	2.51	1.78	3.54	6.53E-08	6.50E-08
6	rs9267803	32101762	T	0.32	0.29	C	1.17	1.06	1.29	2.18E-03	3.08E-03
6	rs13211318	32102680	C	0.12	0.10	A	1.18	1.02	1.36	2.96E-02	3.48E-02
6	rs4713505	32105001	T	0.34	0.30	G	1.18	1.07	1.30	8.68E-04	1.28E-03
6	rs388629	32105512	T	0.05	0.05	C	0.98	0.79	1.20	8.15E-01	8.00E-01
6	rs204999	32109979	G	0.26	0.27	A	0.99	0.89	1.09	7.80E-01	7.55E-01
6	rs9296009	32114515	T	0.23	0.21	A	1.13	1.01	1.26	2.83E-02	2.37E-02
6	rs28732178	32115222	A	0.05	0.05	G	1.05	0.84	1.31	6.63E-01	7.05E-01
6	rs1053924	32120715	A	0.26	0.31	G	0.78	0.70	0.86	1.68E-06	2.27E-06
6	rs9267810	32121594	C	0.26	0.25	T	1.02	0.92	1.13	7.19E-01	8.04E-01
6	rs505997	32121932	A	0.04	0.04	G	0.93	0.74	1.17	5.25E-01	5.71E-01
6	rs2269425	32123639	T	0.13	0.14	C	0.85	0.74	0.97	1.63E-02	1.56E-02
6	rs3134603	32126002	T	0.11	0.14	C	0.74	0.65	0.86	4.28E-05	6.50E-05
6	rs34129552	32130329	G	0.02	0.03	C	0.83	0.63	1.11	2.08E-01	1.36E-01
6	rs2269424	32132233	T	0.26	0.25	C	1.01	0.91	1.12	8.19E-01	9.12E-01
6	rs3096697	32134510	T	0.20	0.20	C	0.99	0.89	1.12	9.24E-01	9.12E-01
6	rs3130347	32134656	C	0.20	0.20	T	1.00	0.89	1.12	9.63E-01	9.54E-01
6	rs205000	32135878	G	0.01	0.01	C	0.76	0.48	1.19	2.25E-01	2.18E-01
6	rs11553430	32136771	A	0.03	0.02	G	1.16	0.87	1.54	3.06E-01	2.81E-01
6	rs3130283	32138545	A	0.11	0.14	C	0.74	0.64	0.85	2.58E-05	4.05E-05
6	rs34280838	32139565	C	0.02	0.03	T	0.84	0.62	1.14	2.57E-01	1.86E-01
6	rs3130284	32140487	C	0.20	0.20	T	0.99	0.89	1.11	9.10E-01	8.99E-01
6	rs408359	32141883	T	0.08	0.07	C	1.27	1.07	1.51	6.88E-03	8.56E-03
6	rs3134947	32145205	A	0.20	0.20	G	0.99	0.89	1.11	9.19E-01	9.11E-01
6	rs2269423	32145707	T	0.34	0.38	G	0.82	0.75	0.91	5.97E-05	9.54E-05
6	rs3134945	32146492	T	0.20	0.20	G	0.99	0.89	1.11	8.90E-01	8.82E-01
6	rs3130349	32147696	A	0.16	0.17	G	0.95	0.84	1.08	4.59E-01	4.50E-01
6	rs3134943	32147761	A	0.11	0.14	G	0.77	0.67	0.88	1.57E-04	2.72E-04
6	rs3134940	32149816	G	0.16	0.17	A	0.95	0.84	1.08	4.55E-01	4.46E-01
6	rs1035798	32151222	T	0.25	0.25	C	1.01	0.91	1.12	8.58E-01	9.56E-01
6	rs2070600	32151443	A	0.08	0.05	G	1.77	1.47	2.13	1.03E-09	5.63E-10
6	rs1800624	32152387	A	0.25	0.25	T	1.01	0.91	1.12	8.28E-01	9.26E-01
6	rs204995	32154285	C	0.22	0.23	T	0.98	0.88	1.10	7.30E-01	7.37E-01
6	rs204994	32154998	A	0.21	0.21	G	0.96	0.86	1.07	4.49E-01	4.61E-01

6	rs204993	32155581	C	0.29	0.27	T	1.12	1.01	1.24	2.73E-02	2.53E-02
6	rs2856437	32157364	T	0.08	0.05	C	1.66	1.39	2.00	4.18E-08	3.76E-08
6	rs176095	32158319	C	0.21	0.21	T	0.95	0.85	1.07	4.21E-01	4.40E-01
6	rs12663103	32161324	C	0.06	0.06	T	1.17	0.96	1.41	1.19E-01	1.44E-01
6	rs204991	32161366	G	0.18	0.19	A	0.97	0.86	1.09	5.98E-01	6.32E-01
6	rs204990	32161430	T	0.18	0.19	G	0.97	0.86	1.09	6.02E-01	6.36E-01
6	rs8192583	32163274	T	0.05	0.05	C	1.09	0.87	1.35	4.65E-01	5.03E-01
6	rs8192576	32165300	C	0.02	0.02	T	1.41	1.02	1.95	3.71E-02	4.27E-02
6	rs2114437	32166380	C	0.05	0.05	G	1.08	0.87	1.35	4.67E-01	5.06E-01
6	rs8192575	32166384	C	0.09	0.06	G	1.43	1.20	1.70	5.82E-05	5.44E-05
6	rs3134942	32168771	A	0.11	0.12	C	0.89	0.77	1.03	1.27E-01	1.36E-01
6	rs204987	32168932	A	0.03	0.03	G	0.97	0.75	1.25	7.92E-01	8.32E-01
6	rs28986321	32170980	A	0.02	0.03	C	0.80	0.59	1.08	1.42E-01	1.40E-01
6	rs2071277	32171683	G	0.48	0.49	A	0.99	0.91	1.09	8.71E-01	7.74E-01
6	rs3131296	32172993	A	0.11	0.12	G	0.90	0.78	1.04	1.37E-01	1.47E-01
6	rs3130292	32176208	C	0.20	0.19	G	1.04	0.93	1.17	4.72E-01	5.00E-01
6	rs206017	32176211	G	0.37	0.40	A	0.90	0.82	0.98	2.25E-02	2.76E-02
6	rs9267833	32177900	C	0.26	0.26	T	0.96	0.86	1.06	4.13E-01	3.43E-01
6	rs2071286	32179896	A	0.21	0.21	G	0.97	0.87	1.08	5.76E-01	4.65E-01
6	rs206019	32180241	T	0.14	0.11	C	1.31	1.14	1.51	1.30E-04	9.47E-05
6	rs206015	32182759	T	0.14	0.11	C	1.28	1.12	1.47	3.74E-04	2.73E-04
6	rs404860	32184345	C	0.20	0.17	T	1.25	1.11	1.41	2.03E-04	1.80E-04
6	rs3134798	32184705	C	0.22	0.27	T	0.77	0.69	0.85	1.25E-06	2.03E-06
6	rs2854050	32185605	T	0.09	0.06	C	1.48	1.25	1.76	7.77E-06	7.43E-06
6	rs8192591	32185796	A	0.04	0.04	G	1.01	0.78	1.29	9.68E-01	1.00E+00
6	rs436388	32186264	T	0.37	0.39	C	0.92	0.83	1.01	6.68E-02	8.17E-02
6	rs2256594	32186872	C	0.20	0.17	T	1.25	1.11	1.41	2.24E-04	2.05E-04
6	rs394657	32187023	G	0.43	0.44	A	0.95	0.87	1.05	3.17E-01	2.69E-01
6	rs1109771	32187605	A	0.44	0.46	G	0.94	0.85	1.03	1.75E-01	2.18E-01
6	rs422951	32188383	G	0.42	0.44	A	0.92	0.84	1.01	8.87E-02	6.46E-02
6	rs8192585	32188823	T	0.05	0.04	C	1.05	0.84	1.30	6.89E-01	6.72E-01
6	rs415929	32189032	G	0.31	0.32	A	0.97	0.88	1.07	5.37E-01	4.23E-01
6	rs8192584	32189192	T	0.05	0.03	C	1.97	1.55	2.49	1.23E-08	1.11E-08
6	rs3132946	32190028	A	0.10	0.14	G	0.71	0.61	0.82	2.66E-06	4.88E-06

6	rs443198	32190406	C	0.40	0.37	T	1.13	1.03	1.24	1.22E-02	1.10E-02
6	rs3134931	32190620	G	0.32	0.32	A	1.00	0.91	1.11	9.87E-01	9.29E-01
6	rs434841	32191041	A	0.27	0.30	G	0.87	0.78	0.96	6.18E-03	4.43E-03
6	rs3830041	32191339	A	0.11	0.09	G	1.26	1.09	1.47	2.59E-03	3.82E-03
6	rs375244	32191457	A	0.23	0.23	G	0.99	0.88	1.10	7.98E-01	6.26E-01
6	rs8192565	32191607	A	0.07	0.09	G	0.76	0.64	0.90	1.70E-03	5.91E-04
6	rs2267644	32192560	A	0.04	0.04	G	1.02	0.81	1.29	8.70E-01	8.00E-01
6	rs479536	32193678	T	0.07	0.07	C	1.08	0.90	1.28	4.25E-01	3.94E-01
6	rs9267845	32193698	T	0.39	0.39	A	1.00	0.91	1.10	9.42E-01	8.88E-01
6	rs499691	32194339	T	0.23	0.20	C	1.17	1.05	1.31	5.36E-03	6.55E-03
6	rs3096691	32194854	A	0.39	0.39	G	1.00	0.91	1.10	9.45E-01	8.85E-01
6	rs483574	32194956	T	0.16	0.19	C	0.84	0.75	0.95	6.63E-03	3.56E-03
6	rs482759	32195017	C	0.16	0.19	T	0.84	0.75	0.95	6.79E-03	3.53E-03
6	rs532385	32195359	T	0.19	0.17	C	1.19	1.06	1.33	3.74E-03	5.01E-03
6	rs9378123	32196864	G	0.15	0.13	A	1.19	1.04	1.35	1.10E-02	1.15E-02
6	rs1426713	32198049	A	0.08	0.08	G	1.03	0.87	1.23	7.34E-01	7.00E-01
6	rs404890	32198867	T	0.36	0.40	G	0.87	0.79	0.95	3.04E-03	1.93E-03
6	rs2849015	32198936	A	0.36	0.40	G	0.87	0.79	0.95	2.89E-03	1.85E-03
6	rs377763	32199144	T	0.17	0.19	G	0.88	0.78	0.99	3.25E-02	3.30E-02
6	rs9267873	32199352	C	0.42	0.41	T	1.06	0.97	1.16	2.24E-01	1.63E-01
6	rs6936346	32200754	T	0.30	0.32	C	0.91	0.82	1.01	6.73E-02	4.14E-02
6	rs12182351	32201707	C	0.24	0.26	T	0.91	0.82	1.02	9.59E-02	6.48E-02
6	rs9501398	32202597	T	0.08	0.08	G	1.04	0.88	1.24	6.43E-01	6.14E-01
6	rs3130299	32203537	G	0.24	0.26	A	0.92	0.82	1.02	1.04E-01	7.09E-02
6	rs693797	32204433	G	0.39	0.42	A	0.89	0.81	0.98	1.32E-02	9.66E-03
6	rs549182	32205045	A	0.02	0.02	G	0.85	0.59	1.21	3.57E-01	2.99E-01
6	rs9267911	32205110	C	0.42	0.45	T	0.86	0.79	0.95	1.78E-03	9.67E-04
6	rs6906128	32206304	C	0.28	0.29	A	0.94	0.85	1.05	2.68E-01	2.11E-01
6	rs511027	32206687	A	0.13	0.12	T	1.12	0.98	1.29	1.02E-01	9.27E-02
6	rs3130304	32207181	A	0.20	0.22	G	0.88	0.79	0.99	3.22E-02	3.38E-02
6	rs17208216	32208449	G	0.02	0.01	C	1.26	0.88	1.81	2.05E-01	2.05E-01
6	rs382259	32209027	G	0.27	0.27	A	1.01	0.91	1.12	8.75E-01	9.89E-01
6	rs507778	32209861	A	0.33	0.35	G	0.90	0.82	1.00	4.31E-02	3.09E-02
6	rs377743	32211065	T	0.25	0.26	C	0.98	0.88	1.09	6.71E-01	5.42E-01

6	rs412657	32211085	C	0.39	0.41	A	0.92	0.84	1.01	9.26E-02	6.73E-02
6	rs9267947	32211218	G	0.43	0.44	A	0.98	0.89	1.08	6.99E-01	6.53E-01
6	rs411326	32211317	A	0.25	0.26	G	0.94	0.85	1.05	2.91E-01	2.70E-01
6	rs17576984	32212985	T	0.10	0.10	C	1.00	0.85	1.17	9.71E-01	9.33E-01
6	rs9267956	32213638	G	0.45	0.40	A	1.21	1.11	1.33	4.29E-05	5.46E-05
6	rs405875	32215188	G	0.49	0.45	A	1.19	1.09	1.30	2.07E-04	2.86E-04
6	rs3115573	32218843	C	0.49	0.44	T	1.18	1.08	1.30	3.29E-04	4.62E-04
6	rs9296015	32218989	A	0.17	0.18	G	0.92	0.81	1.04	1.74E-01	1.67E-01
6	rs4959089	32219725	G	0.17	0.18	A	0.92	0.81	1.04	1.64E-01	1.57E-01
6	rs9267992	32220397	G	0.10	0.14	A	0.68	0.59	0.79	2.00E-07	3.92E-07
6	rs3130315	32220685	A	0.49	0.44	G	1.18	1.08	1.30	3.29E-04	4.62E-04
6	rs3115570	32222706	C	0.49	0.45	T	1.18	1.08	1.30	3.37E-04	5.06E-04
6	rs3130320	32223258	T	0.31	0.34	C	0.86	0.78	0.95	3.87E-03	5.47E-03
6	rs28895018	32224378	C	0.09	0.06	T	1.66	1.40	1.97	5.53E-09	4.81E-09
6	rs9268005	32224388	C	0.27	0.32	A	0.77	0.70	0.86	5.52E-07	8.34E-07
6	rs9268013	32224828	C	0.21	0.20	G	1.07	0.95	1.20	2.85E-01	2.81E-01
6	rs3132971	32230256	G	0.07	0.09	T	0.74	0.63	0.88	6.61E-04	7.54E-04
6	rs9268055	32230608	C	0.22	0.21	T	1.08	0.96	1.21	1.93E-01	1.86E-01
6	rs2395114	32233547	G	0.47	0.42	A	1.23	1.12	1.34	1.30E-05	1.60E-05
6	rs3096681	32235177	C	0.22	0.21	T	1.08	0.96	1.21	1.93E-01	1.86E-01
6	rs17201917	32235757	G	0.14	0.15	A	0.89	0.78	1.02	8.47E-02	8.16E-02
6	rs6457527	32236976	T	0.04	0.05	A	0.84	0.67	1.06	1.46E-01	1.16E-01
6	rs3096674	32238219	A	0.21	0.20	G	1.06	0.95	1.19	3.04E-01	2.99E-01
6	rs3115557	32239651	A	0.21	0.20	G	1.06	0.95	1.19	3.00E-01	2.96E-01
6	rs3130340	32244627	C	0.22	0.21	T	1.08	0.96	1.21	1.93E-01	1.86E-01
6	rs9268103	32245370	A	0.13	0.17	G	0.74	0.65	0.84	3.63E-06	6.49E-06
6	rs3115553	32245827	A	0.22	0.21	G	1.08	0.96	1.21	1.87E-01	1.81E-01
6	rs3115552	32246156	A	0.22	0.21	G	1.09	0.97	1.22	1.54E-01	1.46E-01
6	rs9268125	32252678	C	0.21	0.20	T	1.06	0.95	1.19	3.15E-01	3.12E-01
6	rs9268131	32254452	G	0.21	0.20	A	1.06	0.95	1.19	3.06E-01	3.02E-01
6	rs9268132	32254654	G	0.47	0.42	A	1.23	1.12	1.34	1.24E-05	1.57E-05
6	rs9268135	32255230	G	0.21	0.20	A	1.07	0.95	1.20	2.51E-01	2.46E-01
6	rs4711291	32256260	G	0.22	0.21	C	1.07	0.96	1.20	2.17E-01	2.13E-01
6	rs926070	32257566	C	0.27	0.32	T	0.78	0.70	0.86	7.36E-07	1.14E-06

6	rs742695	32258574	T	0.01	0.01	C	1.24	0.83	1.85	2.91E-01	2.73E-01
6	rs17422727	32259923	G	0.14	0.15	C	0.89	0.78	1.02	9.29E-02	8.99E-02
6	rs6935269	32260350	C	0.22	0.21	T	1.07	0.96	1.20	2.17E-01	2.10E-01
6	rs7775397	32261252	G	0.07	0.09	T	0.74	0.62	0.88	5.00E-04	5.77E-04
6	rs34498363	32261630	A	0.02	0.01	G	1.54	1.03	2.29	3.35E-02	3.24E-02
6	rs4947338	32261653	C	0.01	0.01	A	1.24	0.83	1.85	2.91E-01	2.73E-01
6	rs11970194	32264645	T	0.01	0.01	C	1.24	0.83	1.85	2.94E-01	2.76E-01
6	rs11963003	32264825	G	0.01	0.01	T	1.24	0.83	1.85	2.92E-01	2.73E-01
6	rs17422797	32265528	T	0.04	0.06	C	0.68	0.55	0.85	5.19E-04	3.92E-04
6	rs28366174	32266490	C	0.08	0.08	T	1.11	0.93	1.32	2.45E-01	2.63E-01
6	rs6906662	32266506	A	0.09	0.06	G	1.65	1.39	1.96	9.12E-09	8.09E-09
6	rs7750783	32268080	T	0.21	0.20	C	1.07	0.96	1.20	2.41E-01	2.36E-01
6	rs537757	32268501	A	0.47	0.42	T	1.23	1.12	1.34	1.24E-05	1.52E-05
6	rs6909427	32268701	G	0.22	0.21	T	1.08	0.96	1.21	1.89E-01	1.82E-01
6	rs28366175	32269578	C	0.07	0.07	T	1.01	0.84	1.21	9.29E-01	8.73E-01
6	rs3864300	32271807	T	0.21	0.20	G	1.07	0.95	1.20	2.70E-01	2.64E-01
6	rs6457536	32273765	G	0.21	0.20	A	1.07	0.95	1.19	2.79E-01	2.72E-01
6	rs9268192	32277211	T	0.21	0.20	C	1.06	0.95	1.19	3.00E-01	2.95E-01
6	rs9268200	32278670	T	0.21	0.20	C	1.07	0.95	1.19	2.83E-01	2.75E-01
6	rs9268202	32279340	T	0.21	0.20	C	1.07	0.96	1.21	2.31E-01	2.28E-01
6	rs9501173	32279902	A	0.04	0.04	G	0.94	0.75	1.18	5.76E-01	5.31E-01
6	rs1018433	32281510	A	0.21	0.20	T	1.07	0.95	1.20	2.70E-01	2.60E-01
6	rs547261	32282033	T	0.47	0.42	C	1.22	1.12	1.34	1.80E-05	2.27E-05
6	rs6910071	32282854	G	0.26	0.22	A	1.26	1.13	1.40	2.28E-05	1.27E-05
6	rs6915455	32283494	A	0.21	0.20	G	1.06	0.95	1.19	2.89E-01	2.83E-01
6	rs9268219	32284108	G	0.06	0.09	T	0.70	0.58	0.84	1.23E-04	1.50E-04
6	rs9268220	32284340	T	0.17	0.15	C	1.09	0.96	1.24	1.65E-01	1.48E-01
6	rs498422	32286761	C	0.05	0.06	A	0.89	0.73	1.09	2.60E-01	2.25E-01
6	rs547077	32289318	C	0.48	0.42	T	1.23	1.12	1.35	9.45E-06	1.19E-05
6	rs570963	32289594	C	0.09	0.10	T	0.90	0.77	1.06	2.12E-01	1.71E-01
6	rs9268235	32290208	T	0.07	0.09	C	0.73	0.62	0.87	3.66E-04	4.26E-04
6	rs4279480	32290927	G	0.27	0.32	T	0.77	0.70	0.86	5.18E-07	8.00E-07
6	rs485774	32290954	C	0.47	0.42	T	1.23	1.13	1.35	6.97E-06	9.06E-06
6	rs742697	32291542	C	0.27	0.32	T	0.77	0.70	0.86	5.89E-07	9.04E-07

6	rs525607	32292084	A	0.48	0.42	G	1.23	1.12	1.35	1.01E-05	1.23E-05
6	rs552339	32292715	T	0.47	0.42	C	1.23	1.12	1.34	1.29E-05	1.60E-05
6	rs533885	32293152	C	0.47	0.42	T	1.21	1.10	1.33	4.76E-05	5.48E-05
6	rs476885	32294712	C	0.47	0.42	T	1.23	1.12	1.34	1.46E-05	1.73E-05
6	rs9368713	32297337	C	0.47	0.42	T	1.22	1.12	1.34	1.51E-05	1.92E-05
6	rs10484560	32298137	A	0.07	0.08	G	0.78	0.66	0.94	6.95E-03	5.07E-03
6	rs9405090	32298372	G	0.47	0.42	A	1.23	1.12	1.34	1.28E-05	1.62E-05
6	rs1003878	32299822	T	0.21	0.20	C	1.02	0.91	1.15	7.47E-01	7.47E-01
6	rs1076712	32300152	G	0.32	0.34	A	0.93	0.85	1.03	1.76E-01	1.50E-01
6	rs9366793	32301289	C	0.48	0.42	T	1.23	1.12	1.35	1.17E-05	1.44E-05
6	rs16870056	32301630	A	0.01	0.01	G	0.53	0.32	0.90	1.60E-02	1.61E-02
6	rs10807100	32303068	A	0.47	0.42	G	1.23	1.12	1.35	1.22E-05	1.54E-05
6	rs6930681	32304031	A	0.47	0.42	G	1.23	1.12	1.34	1.28E-05	1.62E-05
6	rs12526151	32304085	G	0.07	0.08	A	0.78	0.66	0.94	7.04E-03	5.15E-03
6	rs926594	32305370	C	0.47	0.42	A	1.23	1.12	1.34	1.27E-05	1.61E-05
6	rs3817982	32306262	G	0.47	0.42	A	1.23	1.12	1.34	1.28E-05	1.62E-05
6	rs28732193	32306922	C	0.04	0.04	T	1.00	0.78	1.28	9.86E-01	1.00E+00
6	rs2022533	32307260	C	0.48	0.42	A	1.23	1.12	1.35	1.00E-05	1.23E-05
6	rs1033498	32307869	G	0.47	0.42	A	1.22	1.12	1.34	1.63E-05	1.98E-05
6	rs9469099	32308908	A	0.02	0.03	G	0.76	0.56	1.04	8.30E-02	8.50E-02
6	rs3117137	32309911	A	0.21	0.20	G	1.02	0.91	1.15	6.86E-01	6.84E-01
6	rs3132954	32311459	T	0.38	0.39	C	0.99	0.90	1.09	7.77E-01	7.07E-01
6	rs6904320	32312082	A	0.20	0.24	G	0.81	0.73	0.91	2.47E-04	4.54E-04
6	rs3117134	32313550	G	0.32	0.34	A	0.94	0.85	1.03	1.93E-01	1.64E-01
6	rs3117133	32313653	C	0.20	0.24	G	0.81	0.73	0.91	2.66E-04	4.83E-04
6	rs910049	32315727	A	0.20	0.24	G	0.83	0.74	0.92	7.58E-04	1.36E-03
6	rs3117120	32316804	G	0.32	0.34	C	0.93	0.85	1.03	1.71E-01	1.44E-01
6	rs2076537	32317635	T	0.32	0.34	C	0.93	0.85	1.03	1.74E-01	1.47E-01
6	rs761187	32318036	C	0.46	0.41	T	1.23	1.12	1.34	1.51E-05	1.62E-05
6	rs1265763	32319364	A	0.16	0.18	G	0.83	0.74	0.94	3.24E-03	1.87E-03
6	rs2395148	32321554	T	0.02	0.03	G	0.76	0.56	1.03	7.40E-02	7.58E-02
6	rs1265761	32321597	C	0.04	0.05	T	0.82	0.66	1.03	8.65E-02	6.93E-02
6	rs1265760	32321872	A	0.36	0.42	G	0.77	0.70	0.85	5.37E-08	6.02E-08
6	rs1265759	32322393	G	0.36	0.42	A	0.77	0.70	0.85	5.86E-08	6.75E-08

6	rs1265758	32323529	T	0.35	0.41	C	0.76	0.70	0.84	1.97E-08	2.25E-08
6	rs3129907	32323745	G	0.20	0.24	A	0.81	0.73	0.91	2.21E-04	4.24E-04
6	rs6907322	32324945	A	0.15	0.18	G	0.81	0.71	0.92	1.13E-03	5.91E-04
6	rs2894249	32325835	C	0.20	0.24	T	0.81	0.72	0.90	1.46E-04	2.68E-04
6	rs2395150	32326045	G	0.35	0.41	A	0.76	0.70	0.84	1.87E-08	2.06E-08
6	rs9268303	32326165	A	0.15	0.18	G	0.81	0.72	0.92	1.25E-03	6.65E-04
6	rs9268326	32330153	C	0.47	0.42	T	1.23	1.12	1.34	1.28E-05	1.62E-05
6	rs9268347	32331998	A	0.16	0.18	G	0.83	0.74	0.94	3.82E-03	2.21E-03
6	rs3129922	32333098	C	0.36	0.42	T	0.77	0.70	0.85	6.03E-08	6.71E-08
6	rs9268364	32333425	T	0.16	0.18	C	0.83	0.74	0.94	3.32E-03	1.91E-03
6	rs9268365	32333439	T	0.16	0.18	G	0.83	0.73	0.94	3.33E-03	1.87E-03
6	rs9268368	32333955	C	0.47	0.42	T	1.23	1.12	1.35	1.25E-05	1.61E-05
6	rs7770048	32334754	T	0.11	0.13	C	0.83	0.72	0.96	9.64E-03	6.51E-03
6	rs2073048	32335433	T	0.11	0.13	C	0.82	0.71	0.95	8.25E-03	5.54E-03
6	rs3129934	32336187	T	0.13	0.17	C	0.73	0.64	0.84	2.92E-06	5.71E-06
6	rs9268384	32336586	G	0.47	0.42	A	1.23	1.12	1.34	1.31E-05	1.69E-05
6	rs3129939	32336766	G	0.17	0.16	A	1.10	0.97	1.25	1.46E-01	1.28E-01
6	rs3129941	32337686	A	0.20	0.24	G	0.81	0.72	0.90	1.59E-04	2.91E-04
6	rs3129943	32338695	G	0.23	0.23	A	0.98	0.88	1.10	7.32E-01	7.31E-01
6	rs2050190	32339076	C	0.31	0.31	T	0.99	0.89	1.09	8.00E-01	8.46E-01
6	rs2050189	32339647	G	0.21	0.22	A	0.94	0.84	1.05	2.95E-01	3.13E-01
6	rs9391858	32341398	G	0.11	0.15	A	0.75	0.66	0.87	5.91E-05	3.27E-05
6	rs7758128	32345283	A	0.06	0.03	C	2.48	1.97	3.12	1.60E-15	8.54E-16
6	rs2894252	32345443	A	0.37	0.30	G	1.38	1.25	1.52	9.49E-11	5.42E-11
6	rs2894253	32345540	G	0.08	0.11	T	0.70	0.60	0.83	2.06E-05	9.60E-06
6	rs2395153	32345595	G	0.44	0.40	C	1.19	1.08	1.31	3.10E-04	3.33E-04
6	rs2894254	32345689	G	0.07	0.09	T	0.72	0.60	0.85	1.37E-04	1.70E-04
6	rs9405094	32346408	A	0.37	0.29	T	1.38	1.25	1.53	7.92E-11	4.33E-11
6	rs2395157	32348145	G	0.36	0.29	A	1.37	1.24	1.51	5.06E-10	2.72E-10
6	rs9268454	32349711	G	0.37	0.29	A	1.39	1.26	1.53	5.66E-11	3.21E-11
6	rs9268456	32349946	A	0.37	0.30	C	1.38	1.25	1.53	7.90E-11	4.43E-11
6	rs28732201	32350454	A	0.04	0.03	G	1.07	0.83	1.37	6.16E-01	6.47E-01
6	rs9268460	32351283	C	0.51	0.44	T	1.38	1.26	1.52	1.38E-11	1.48E-11
6	rs9268461	32351901	A	0.37	0.30	C	1.38	1.25	1.53	8.22E-11	4.61E-11

6	rs4424066	32354428	G	0.51	0.44	A	1.38	1.26	1.52	1.57E-11	1.67E-11
6	rs9268472	32355605	A	0.51	0.44	G	1.38	1.26	1.52	1.64E-11	1.81E-11
6	rs17423649	32357133	T	0.14	0.14	C	1.05	0.92	1.20	4.59E-01	5.15E-01
6	rs17202259	32357489	G	0.14	0.13	T	1.05	0.92	1.20	4.77E-01	5.31E-01
6	rs12529049	32357715	T	0.14	0.14	C	1.05	0.92	1.20	4.63E-01	5.19E-01
6	rs3117099	32358270	T	0.19	0.21	C	0.87	0.78	0.98	2.08E-02	2.04E-02
6	rs3117098	32358513	C	0.24	0.30	T	0.73	0.66	0.81	5.24E-09	5.59E-09
6	rs16870123	32359460	A	0.14	0.14	G	1.05	0.92	1.20	4.54E-01	5.10E-01
6	rs3817973	32361111	A	0.51	0.44	G	1.38	1.26	1.52	1.55E-11	1.61E-11
6	rs12661254	32362173	G	0.02	0.02	A	1.26	0.90	1.76	1.77E-01	1.78E-01
6	rs1980493	32363215	G	0.13	0.15	A	0.90	0.79	1.03	1.42E-01	1.52E-01
6	rs2076530	32363816	G	0.52	0.44	A	1.40	1.28	1.54	1.94E-12	2.42E-12
6	rs28366191	32364190	G	0.07	0.07	A	1.02	0.86	1.22	7.99E-01	7.66E-01
6	rs3129955	32365840	T	0.24	0.30	C	0.73	0.66	0.81	6.08E-09	6.59E-09
6	rs4248166	32366421	C	0.17	0.16	T	1.01	0.89	1.15	8.56E-01	9.29E-01
6	rs3117116	32367017	C	0.10	0.14	T	0.67	0.58	0.78	5.36E-08	7.89E-08
6	rs2294884	32367259	C	0.17	0.17	A	0.98	0.87	1.11	8.09E-01	7.48E-01
6	rs3817963	32368087	G	0.37	0.30	A	1.38	1.25	1.52	7.12E-11	4.97E-11
6	rs3763305	32369488	A	0.06	0.06	G	1.06	0.87	1.30	5.35E-01	4.97E-01
6	rs2076524	32370684	C	0.37	0.29	T	1.39	1.26	1.53	6.52E-11	3.66E-11
6	rs28362680	32370816	T	0.11	0.08	C	1.44	1.24	1.69	3.23E-06	3.08E-06
6	rs2076522	32371179	G	0.37	0.30	C	1.38	1.25	1.53	8.09E-11	4.57E-11
6	rs3793127	32371915	T	0.29	0.22	C	1.43	1.29	1.59	1.08E-11	7.68E-12
6	rs28362683	32372963	T	0.10	0.07	C	1.46	1.25	1.72	2.78E-06	2.00E-06
6	rs10947262	32373312	T	0.11	0.08	C	1.45	1.24	1.70	2.17E-06	2.04E-06
6	rs3806156	32373698	T	0.48	0.37	G	1.53	1.39	1.68	7.74E-19	3.60E-19
6	rs9268491	32374131	G	0.37	0.29	C	1.39	1.26	1.53	5.64E-11	3.16E-11
6	rs3763309	32375973	A	0.29	0.22	C	1.43	1.29	1.59	1.08E-11	7.68E-12
6	rs3763312	32376348	A	0.29	0.22	G	1.44	1.29	1.59	9.43E-12	6.71E-12
6	rs3763313	32376471	C	0.15	0.19	A	0.74	0.65	0.83	1.32E-06	6.19E-07
6	rs5007265	32378866	T	0.44	0.47	G	0.87	0.79	0.95	2.74E-03	3.43E-03
6	rs3129962	32379383	A	0.07	0.09	G	0.67	0.57	0.80	1.01E-05	1.39E-05
6	rs17208888	32379506	A	0.09	0.10	G	0.86	0.73	1.01	6.08E-02	4.90E-02
6	rs9405098	32379736	A	0.02	0.02	G	1.06	0.76	1.49	7.19E-01	7.70E-01

6	rs3129963	32380208	G	0.20	0.17	A	1.19	1.06	1.34	3.84E-03	2.96E-03
6	rs6932542	32380262	A	0.44	0.47	G	0.87	0.79	0.95	2.78E-03	3.47E-03
6	rs9268528	32383108	G	0.43	0.38	A	1.21	1.10	1.33	4.54E-05	5.54E-05
6	rs9268530	32383223	C	0.19	0.16	T	1.19	1.06	1.35	4.41E-03	3.63E-03
6	rs2227138	32384500	A	0.12	0.14	G	0.86	0.75	0.99	3.64E-02	3.84E-02
6	rs9268542	32384721	G	0.43	0.39	A	1.21	1.10	1.32	5.39E-05	6.75E-05
6	rs2187820	32385873	A	0.19	0.16	G	1.19	1.06	1.34	4.62E-03	3.83E-03
6	rs2395162	32387780	T	0.19	0.16	G	1.19	1.06	1.35	4.51E-03	3.73E-03
6	rs2395163	32387809	C	0.29	0.22	T	1.44	1.29	1.59	9.91E-12	9.57E-12
6	rs3135366	32388709	G	0.19	0.16	A	1.19	1.06	1.35	4.51E-03	3.73E-03
6	rs3135363	32389648	C	0.28	0.28	T	1.00	0.90	1.11	9.95E-01	9.84E-01
6	rs34330585	32390703	C	0.08	0.11	G	0.69	0.59	0.81	7.61E-06	3.62E-06
6	rs3135353	32392877	A	0.12	0.14	G	0.88	0.76	1.01	6.24E-02	6.80E-02
6	rs3135350	32392981	G	0.09	0.14	A	0.66	0.57	0.76	2.08E-08	4.21E-08
6	rs3129971	32393235	G	0.09	0.14	C	0.66	0.57	0.76	1.42E-08	2.85E-08
6	rs3135344	32395036	G	0.22	0.30	A	0.69	0.62	0.77	2.97E-12	2.32E-12
6	rs3129843	32395726	G	0.07	0.09	A	0.71	0.60	0.85	1.30E-04	1.55E-04
6	rs3135342	32396615	A	0.28	0.28	C	1.00	0.90	1.11	9.83E-01	9.69E-01
6	rs9268585	32397403	G	0.44	0.38	T	1.23	1.12	1.35	1.15E-05	1.14E-05
6	rs9268589	32398202	A	0.44	0.39	G	1.21	1.11	1.33	3.69E-05	3.60E-05
6	rs4988821	32399022	G	0.28	0.28	A	1.01	0.91	1.11	9.30E-01	9.77E-01
6	rs16870148	32399636	A	0.01	0.01	G	1.42	0.92	2.16	1.08E-01	9.63E-02
6	rs9501626	32400344	A	0.11	0.12	C	0.92	0.79	1.06	2.40E-01	2.58E-01
6	rs3129860	32401079	A	0.10	0.14	G	0.67	0.58	0.78	5.47E-08	8.26E-08
6	rs3135338	32401217	G	0.29	0.34	A	0.80	0.73	0.89	1.37E-05	1.83E-05
6	rs7356880	32401327	T	0.05	0.05	C	1.03	0.84	1.28	7.71E-01	7.68E-01
6	rs2027856	32402705	T	0.11	0.12	C	0.91	0.79	1.06	2.22E-01	2.40E-01
6	rs9268615	32402889	A	0.44	0.39	G	1.21	1.10	1.32	6.15E-05	6.10E-05
6	rs2395173	32404859	A	0.29	0.34	G	0.80	0.73	0.89	1.19E-05	1.63E-05
6	rs2395174	32404878	G	0.28	0.28	T	1.00	0.90	1.11	9.61E-01	1.00E+00
6	rs2395175	32405026	A	0.23	0.17	G	1.46	1.30	1.63	1.07E-10	3.04E-11
6	rs3129871	32406342	A	0.35	0.36	C	0.97	0.88	1.07	5.34E-01	5.96E-01
6	rs9268644	32408044	A	0.37	0.42	C	0.84	0.76	0.92	1.48E-04	1.61E-04
6	rs3135393	32408842	C	0.20	0.17	T	1.24	1.10	1.39	4.14E-04	3.45E-04

6	rs3129882	32409530	G	0.36	0.42	A	0.77	0.70	0.84	3.60E-08	3.43E-08
6	rs9268658	32410716	A	0.52	0.47	G	1.22	1.12	1.34	1.44E-05	1.21E-05
6	rs2239804	32411523	G	0.52	0.47	A	1.22	1.12	1.34	1.42E-05	1.18E-05
6	rs11544315	32411573	A	0.04	0.04	G	1.01	0.79	1.29	9.53E-01	9.61E-01
6	rs7192	32411646	T	0.37	0.39	G	0.93	0.85	1.02	1.29E-01	1.52E-01
6	rs2239803	32411833	A	0.53	0.48	G	1.21	1.11	1.33	3.93E-05	3.31E-05
6	rs4935356	32412388	C	0.52	0.47	A	1.22	1.11	1.34	1.78E-05	1.44E-05
6	rs2395182	32413317	G	0.17	0.22	T	0.75	0.67	0.84	1.10E-06	1.42E-06
6	rs3129890	32414273	C	0.27	0.25	T	1.15	1.04	1.28	8.52E-03	7.51E-03
6	rs6937545	32418031	A	0.31	0.33	C	0.95	0.86	1.05	3.32E-01	4.25E-01
6	rs28895095	32418848	A	0.11	0.14	G	0.75	0.65	0.86	3.64E-05	1.94E-05
6	rs28895103	32419464	A	0.11	0.14	G	0.77	0.66	0.88	2.34E-04	1.37E-04
6	rs7754768	32420179	C	0.39	0.40	T	0.95	0.86	1.04	2.75E-01	3.29E-01
6	rs28895187	32424380	A	0.11	0.14	G	0.74	0.65	0.86	3.20E-05	1.68E-05
6	rs7763262	32424882	T	0.31	0.33	C	0.95	0.86	1.05	3.32E-01	4.25E-01
6	rs13198610	32425672	T	0.11	0.14	G	0.74	0.64	0.85	2.78E-05	1.45E-05
6	rs28732227	32427361	T	0.05	0.05	C	1.03	0.83	1.28	7.85E-01	7.88E-01
6	rs9268832	32427789	T	0.37	0.39	C	0.93	0.85	1.02	1.34E-01	1.73E-01
6	rs6903608	32428285	C	0.24	0.32	T	0.68	0.61	0.76	6.57E-13	9.41E-13
6	rs9268880	32431358	T	0.24	0.32	G	0.68	0.61	0.76	5.86E-13	7.81E-13
6	rs9268911	32432406	G	0.28	0.24	A	1.20	1.08	1.33	7.78E-04	8.05E-04
6	rs2395185	32433167	T	0.42	0.33	G	1.42	1.29	1.56	2.93E-13	1.91E-13
6	rs9268977	32434939	C	0.28	0.24	T	1.19	1.07	1.32	9.91E-04	1.02E-03
6	rs9268980	32435123	G	0.28	0.24	A	1.20	1.08	1.33	8.69E-04	9.15E-04
6	rs9405108	32438648	T	0.42	0.33	C	1.42	1.29	1.56	4.44E-13	2.86E-13
6	rs2157338	32439323	A	0.28	0.24	G	1.19	1.07	1.32	9.91E-04	1.02E-03
6	rs17209754	32442703	A	0.06	0.04	G	1.46	1.19	1.79	2.81E-04	2.17E-04
6	rs7748472	32448763	G	0.06	0.04	A	1.55	1.26	1.92	4.39E-05	2.98E-05
6	rs1964995	32449411	G	0.48	0.44	A	1.19	1.09	1.31	1.88E-04	2.24E-04
6	rs2157337	32501144	A	0.39	0.38	G	1.03	0.94	1.13	5.02E-01	5.22E-01
6	rs28772724	32509357	T	0.42	0.33	G	1.41	1.29	1.55	1.29E-13	8.80E-14
6	rs34369284	32514144	A	0.39	0.38	G	1.03	0.94	1.13	5.73E-01	6.04E-01
6	rs28530648	32527079	C	0.07	0.12	A	0.61	0.52	0.72	4.32E-09	1.74E-09
6	rs28366298	32560859	C	0.41	0.32	A	1.46	1.32	1.60	7.74E-15	5.08E-15

6	rs35265698	32561334	G	0.24	0.17	C	1.47	1.32	1.65	8.79E-12	7.77E-12
6	rs11754183	32566156	A	0.03	0.03	G	0.90	0.70	1.15	3.94E-01	3.75E-01
6	rs28605404	32569687	G	0.07	0.11	A	0.61	0.51	0.72	2.93E-09	1.20E-09
6	rs477515	32569691	T	0.41	0.32	C	1.47	1.33	1.61	2.44E-15	1.60E-15
6	rs2516049	32570400	G	0.41	0.32	A	1.47	1.33	1.61	2.43E-15	1.61E-15
6	rs9270856	32570839	A	0.19	0.27	G	0.64	0.57	0.71	1.69E-15	1.74E-15
6	rs2858870	32572251	G	0.16	0.14	A	1.19	1.04	1.35	8.76E-03	8.00E-03
6	rs9270984	32573991	T	0.12	0.16	G	0.71	0.62	0.81	4.58E-07	7.97E-07
6	rs9271100	32576478	T	0.19	0.27	C	0.64	0.57	0.71	1.14E-15	1.19E-15
6	rs660895	32577380	G	0.26	0.21	A	1.32	1.19	1.47	2.59E-07	2.22E-07
6	rs9271170	32577889	T	0.19	0.27	C	0.64	0.57	0.71	1.07E-15	1.08E-15
6	rs532098	32578052	C	0.40	0.54	T	0.57	0.52	0.63	1.97E-31	1.23E-31
6	rs35759989	32581096	G	0.06	0.04	A	1.46	1.19	1.79	2.90E-04	2.34E-04
6	rs9271300	32581582	C	0.55	0.47	G	1.35	1.23	1.48	1.16E-10	5.03E-11
6	rs642093	32582075	A	0.18	0.23	G	0.72	0.65	0.81	4.05E-08	2.87E-08
6	rs13204672	32582796	G	0.17	0.15	A	1.19	1.05	1.35	6.03E-03	5.79E-03
6	rs9271348	32583742	G	0.27	0.29	A	0.90	0.81	0.99	3.59E-02	4.49E-02
6	rs9271366	32586854	G	0.10	0.14	A	0.66	0.57	0.76	1.06E-08	1.94E-08
6	rs9271488	32589000	T	0.41	0.32	G	1.47	1.33	1.61	2.54E-15	1.54E-15
6	rs17533090	32590722	T	0.11	0.16	G	0.68	0.60	0.79	7.79E-08	3.59E-08
6	rs3129763	32590925	A	0.17	0.22	G	0.71	0.64	0.80	2.14E-08	1.36E-08
6	rs35399661	32590990	G	0.11	0.16	A	0.69	0.60	0.79	1.01E-07	4.64E-08
6	rs28421666	32592737	G	0.02	0.03	A	0.50	0.36	0.70	3.31E-05	3.46E-05
6	rs34518860	32594103	A	0.17	0.11	G	1.72	1.51	1.96	4.40E-16	4.47E-16
6	rs9272105	32599999	G	0.53	0.48	A	1.21	1.11	1.33	4.26E-05	2.07E-05
6	rs9272143	32600803	C	0.45	0.49	T	0.88	0.80	0.96	6.09E-03	3.82E-03
6	rs17211510	32602430	A	0.27	0.25	C	1.12	1.01	1.24	4.07E-02	5.04E-02
6	rs3104369	32602482	A	0.25	0.26	G	0.95	0.85	1.05	2.88E-01	3.29E-01
6	rs28383344	32605067	G	0.16	0.14	C	1.18	1.04	1.35	1.03E-02	9.57E-03
6	rs2187668	32605884	A	0.08	0.11	G	0.68	0.58	0.80	2.43E-06	2.81E-06
6	rs9273327	32623223	C	0.08	0.11	A	0.69	0.58	0.81	5.10E-06	5.45E-06
6	rs9273349	32625869	T	0.39	0.41	C	0.93	0.84	1.01	9.37E-02	9.78E-02
6	rs1063355	32627714	A	0.39	0.41	C	0.93	0.85	1.01	9.70E-02	1.01E-01
6	rs9274407	32632832	A	0.11	0.17	T	0.61	0.53	0.70	2.03E-12	3.92E-12

6	rs2647025	32635949	T	0.31	0.28	C	1.14	1.03	1.26	1.01E-02	1.06E-02
6	rs9274689	32636930	T	0.46	0.52	C	0.82	0.75	0.89	1.10E-05	1.39E-05
6	rs17212090	32650809	T	0.29	0.26	C	1.17	1.05	1.29	3.21E-03	2.92E-03
6	rs9275141	32651117	T	0.44	0.50	G	0.80	0.73	0.88	1.40E-06	1.67E-06
6	rs2856695	32651894	T	0.44	0.50	C	0.80	0.73	0.88	1.45E-06	1.70E-06
6	rs7755224	32652317	G	0.07	0.11	A	0.62	0.52	0.73	8.18E-09	3.19E-09
6	rs17212420	32652400	T	0.29	0.26	C	1.17	1.06	1.30	2.33E-03	2.15E-03
6	rs2856692	32653385	C	0.27	0.24	A	1.15	1.03	1.27	9.73E-03	1.17E-02
6	rs9275184	32654714	C	0.13	0.11	T	1.17	1.02	1.35	2.77E-02	3.19E-02
6	rs2856683	32655218	C	0.27	0.24	A	1.14	1.02	1.27	1.68E-02	2.03E-02
6	rs4538747	32657334	A	0.29	0.26	T	1.18	1.06	1.30	2.10E-03	1.89E-03
6	rs7774434	32657578	C	0.37	0.38	T	0.94	0.86	1.04	2.19E-01	1.65E-01
6	rs7775228	32658079	C	0.14	0.14	T	1.07	0.94	1.22	3.29E-01	3.49E-01
6	rs9275219	32659077	T	0.21	0.25	C	0.81	0.73	0.91	2.34E-04	1.36E-04
6	rs9275224	32659878	A	0.50	0.49	G	1.02	0.93	1.11	7.17E-01	6.31E-01
6	rs5000634	32663564	C	0.43	0.39	T	1.15	1.05	1.26	2.65E-03	3.07E-03
6	rs6457617	32663851	C	0.50	0.49	T	1.03	0.94	1.12	5.85E-01	5.05E-01
6	rs2647012	32664458	A	0.37	0.38	G	0.94	0.85	1.03	1.64E-01	2.08E-01
6	rs9357152	32664960	G	0.28	0.25	A	1.16	1.05	1.29	4.11E-03	3.96E-03
6	rs10484561	32665420	G	0.07	0.11	T	0.62	0.52	0.73	8.20E-09	3.62E-09
6	rs9275312	32665728	G	0.15	0.14	A	1.06	0.93	1.20	4.14E-01	4.38E-01
6	rs1794282	32666526	A	0.07	0.09	G	0.71	0.60	0.85	1.29E-04	1.51E-04
6	rs2856725	32666738	G	0.37	0.38	A	0.93	0.85	1.03	1.54E-01	1.97E-01
6	rs35998847	32666997	A	0.07	0.11	G	0.61	0.52	0.73	6.85E-09	2.93E-09
6	rs2858312	32667230	G	0.38	0.32	C	1.27	1.15	1.39	1.36E-06	1.28E-06
6	rs9275371	32668296	C	0.22	0.26	T	0.83	0.74	0.92	7.34E-04	4.38E-04
6	rs9275374	32668526	T	0.22	0.26	C	0.83	0.75	0.93	8.05E-04	4.82E-04
6	rs9275388	32669084	C	0.22	0.26	T	0.83	0.75	0.93	9.15E-04	5.36E-04
6	rs9275390	32669156	C	0.22	0.26	T	0.84	0.75	0.93	1.22E-03	7.35E-04
6	rs11752643	32669373	T	0.04	0.03	C	1.28	1.01	1.63	4.29E-02	3.72E-02
6	rs9275393	32669439	A	0.22	0.26	G	0.83	0.74	0.92	7.27E-04	4.34E-04
6	rs2647050	32669767	C	0.42	0.36	T	1.26	1.14	1.38	1.68E-06	1.54E-06
6	rs9275406	32669955	T	0.22	0.26	G	0.83	0.75	0.93	9.23E-04	5.61E-04
6	rs2858308	32670000	A	0.13	0.11	C	1.27	1.10	1.46	8.89E-04	9.04E-04

6	rs9275407	32670037	T	0.22	0.26	G	0.83	0.75	0.93	7.78E-04	4.64E-04
6	rs9275418	32670244	G	0.22	0.26	A	0.83	0.75	0.93	7.78E-04	4.64E-04
6	rs2856718	32670255	A	0.42	0.36	G	1.26	1.14	1.38	1.65E-06	1.49E-06
6	rs2856717	32670308	T	0.36	0.38	C	0.92	0.83	1.01	6.92E-02	9.07E-02
6	rs2858305	32670464	C	0.36	0.38	A	0.92	0.84	1.01	8.04E-02	1.03E-01
6	rs35120848	32670495	T	0.09	0.14	C	0.59	0.50	0.68	3.92E-12	1.34E-12
6	rs9275424	32670576	G	0.22	0.26	A	0.84	0.75	0.94	1.58E-03	9.76E-04
6	rs9275425	32670874	A	0.22	0.26	C	0.83	0.75	0.93	8.63E-04	5.27E-04
6	rs9275427	32670915	T	0.22	0.26	C	0.83	0.75	0.93	7.78E-04	4.64E-04
6	rs2856705	32670956	A	0.13	0.11	G	1.27	1.10	1.46	8.70E-04	8.90E-04
6	rs9275428	32670978	G	0.22	0.26	A	0.83	0.75	0.93	8.06E-04	4.78E-04
6	rs13192471	32671103	C	0.09	0.14	T	0.59	0.50	0.68	3.45E-12	1.20E-12
6	rs9275439	32671521	C	0.22	0.26	T	0.83	0.75	0.93	1.02E-03	6.25E-04
6	rs9275495	32673574	T	0.13	0.11	A	1.19	1.03	1.36	1.64E-02	1.85E-02
6	rs1794265	32674737	C	0.03	0.02	G	1.01	0.75	1.35	9.61E-01	9.74E-01
6	rs28371293	32677099	A	0.42	0.36	T	1.26	1.15	1.38	1.47E-06	1.35E-06
6	rs16898264	32677152	A	0.42	0.36	G	1.26	1.15	1.39	1.20E-06	1.15E-06
6	rs9275563	32677912	T	0.54	0.47	C	1.32	1.21	1.45	1.54E-09	2.02E-09
6	rs9275572	32678999	A	0.38	0.41	G	0.87	0.80	0.96	4.76E-03	6.70E-03
6	rs3129727	32679690	T	0.03	0.03	C	1.00	0.75	1.34	9.86E-01	9.92E-01
6	rs9275582	32680070	T	0.20	0.22	C	0.88	0.79	0.98	2.46E-02	1.67E-02
6	rs7765379	32680928	G	0.14	0.11	T	1.35	1.18	1.55	1.49E-05	1.31E-05
6	rs7745656	32680970	T	0.29	0.28	G	1.05	0.95	1.16	3.56E-01	3.81E-01
6	rs2858332	32681161	C	0.51	0.49	A	1.05	0.96	1.15	3.24E-01	2.56E-01
6	rs2858331	32681277	C	0.36	0.39	T	0.88	0.80	0.96	5.61E-03	3.48E-03
6	rs9275595	32681355	C	0.20	0.22	T	0.87	0.78	0.98	1.97E-02	1.33E-02
6	rs7454108	32681483	C	0.13	0.11	T	1.19	1.03	1.37	1.62E-02	1.82E-02
6	rs9275596	32681631	C	0.34	0.36	T	0.91	0.83	1.01	6.59E-02	8.79E-02
6	rs3957148	32682137	G	0.13	0.11	A	1.21	1.05	1.39	8.63E-03	1.05E-02
6	rs3104404	32682174	A	0.17	0.19	C	0.90	0.80	1.01	7.39E-02	5.75E-02
6	rs2894381	32682228	A	0.29	0.26	G	1.16	1.04	1.28	5.28E-03	5.15E-03
6	rs3104405	32682308	C	0.24	0.33	A	0.68	0.61	0.75	5.50E-14	5.33E-14
6	rs3873444	32682724	A	0.14	0.10	G	1.42	1.24	1.63	6.95E-07	8.36E-07
6	rs9275602	32682812	A	0.16	0.15	C	1.07	0.95	1.22	2.70E-01	2.36E-01

6	rs3892710	32682862	T	0.22	0.18	C	1.32	1.17	1.47	2.03E-06	3.95E-06
6	rs3997854	32682915	G	0.15	0.12	T	1.21	1.06	1.38	5.70E-03	6.95E-03
6	rs9275615	32684272	A	0.14	0.12	T	1.25	1.10	1.43	1.02E-03	1.11E-03
6	rs3916765	32685550	A	0.14	0.12	G	1.20	1.04	1.37	1.09E-02	1.13E-02
6	rs3104398	32685685	A	0.11	0.11	G	1.02	0.88	1.18	7.93E-01	7.85E-01
6	rs12177980	32686084	A	0.42	0.41	G	1.07	0.98	1.18	1.34E-01	1.42E-01
6	rs9275659	32686103	A	0.21	0.20	C	1.05	0.93	1.18	4.24E-01	3.94E-01
6	rs9275686	32687570	A	0.21	0.20	G	1.05	0.93	1.18	4.15E-01	3.84E-01
6	rs9275698	32687973	G	0.34	0.35	A	0.99	0.90	1.10	9.08E-01	9.16E-01
6	rs9461799	32689529	C	0.42	0.41	T	1.07	0.98	1.18	1.45E-01	1.52E-01
6	rs9275793	32690027	G	0.23	0.25	A	0.92	0.82	1.02	1.21E-01	1.26E-01
6	rs9275915	32692493	G	0.23	0.25	C	0.92	0.82	1.02	1.14E-01	1.18E-01
6	rs28772340	32692953	C	0.43	0.41	T	1.07	0.98	1.18	1.39E-01	1.49E-01
6	rs9276017	32695022	T	0.23	0.25	C	0.92	0.82	1.02	1.16E-01	1.22E-01
6	rs9276157	32698369	T	0.23	0.25	C	0.92	0.83	1.03	1.34E-01	1.39E-01
6	rs9276162	32698457	G	0.23	0.25	A	0.92	0.82	1.02	1.23E-01	1.28E-01
6	rs2859078	32702449	C	0.21	0.20	T	1.05	0.94	1.18	3.72E-01	3.55E-01
6	rs9276291	32702813	T	0.23	0.24	C	0.93	0.84	1.04	2.03E-01	2.09E-01
6	rs7762228	32704266	G	0.02	0.01	A	1.51	1.06	2.17	2.33E-02	2.44E-02
6	rs9276310	32704523	A	0.14	0.14	G	0.94	0.82	1.07	3.46E-01	3.34E-01
6	rs13214069	32705248	C	0.42	0.41	T	1.06	0.97	1.17	1.98E-01	2.10E-01
6	rs13199787	32705276	T	0.43	0.41	C	1.07	0.97	1.17	1.76E-01	1.90E-01
6	rs7773694	32706334	A	0.23	0.24	G	0.94	0.84	1.05	2.43E-01	2.58E-01
6	rs7755596	32706478	C	0.23	0.24	T	0.92	0.82	1.03	1.33E-01	1.43E-01
6	rs9276370	32707295	G	0.44	0.45	T	0.97	0.88	1.06	5.00E-01	5.39E-01
6	rs9276399	32708890	G	0.13	0.14	A	0.90	0.78	1.03	1.22E-01	1.21E-01
6	rs4394270	32709964	C	0.33	0.34	T	0.96	0.87	1.06	4.47E-01	4.49E-01
6	rs17500468	32711178	G	0.12	0.13	A	0.92	0.80	1.06	2.56E-01	2.04E-01
6	rs17500510	32712818	A	0.13	0.10	G	1.40	1.21	1.61	3.49E-06	4.23E-06
6	rs2239800	32713267	C	0.09	0.08	T	1.07	0.91	1.25	4.40E-01	4.61E-01
6	rs9276435	32713867	T	0.18	0.17	C	1.05	0.93	1.19	4.50E-01	4.33E-01
6	rs2071800	32714143	T	0.11	0.07	C	1.54	1.31	1.80	1.41E-07	1.31E-07
6	rs4415152	32717024	C	0.07	0.07	T	0.93	0.77	1.11	4.01E-01	4.05E-01
6	rs9276472	32717224	G	0.07	0.07	A	0.92	0.77	1.10	3.58E-01	3.67E-01

6	rs9276487	32718594	A	0.07	0.07	T	0.92	0.77	1.10	3.53E-01	3.62E-01
6	rs5016066	32718818	C	0.50	0.50	A	1.02	0.93	1.12	6.50E-01	6.61E-01
6	rs9276502	32719666	C	0.07	0.07	A	0.92	0.77	1.11	3.90E-01	3.99E-01
6	rs9276516	32720302	C	0.07	0.07	T	0.92	0.77	1.10	3.74E-01	3.86E-01
6	rs10807113	32722186	A	0.50	0.49	C	1.01	0.92	1.11	8.08E-01	8.37E-01
6	rs7756516	32723917	T	0.50	0.49	C	1.01	0.92	1.11	7.83E-01	8.10E-01
6	rs7774954	32724189	A	0.07	0.07	C	0.91	0.76	1.09	3.12E-01	3.23E-01
6	rs2301271	32725193	T	0.43	0.43	C	1.01	0.92	1.11	8.31E-01	7.95E-01
6	rs1023449	32727905	T	0.43	0.43	G	1.01	0.92	1.11	8.22E-01	8.03E-01
6	rs2051549	32730086	C	0.43	0.43	T	1.01	0.92	1.11	8.15E-01	7.88E-01
6	rs2071550	32730940	T	0.30	0.31	G	0.94	0.85	1.04	1.98E-01	1.72E-01
6	rs1573649	32731258	T	0.50	0.50	C	1.03	0.94	1.13	4.96E-01	5.07E-01
6	rs6903130	32732210	A	0.50	0.50	G	1.03	0.94	1.13	4.77E-01	4.86E-01
6	rs9348894	32732677	T	0.30	0.31	A	0.94	0.85	1.04	2.41E-01	2.09E-01
6	rs1894412	32734829	A	0.50	0.50	G	1.03	0.94	1.13	5.07E-01	5.17E-01
6	rs6901084	32736936	T	0.44	0.43	C	1.04	0.95	1.14	4.07E-01	4.38E-01
6	rs6457661	32737494	T	0.44	0.43	C	1.04	0.95	1.14	3.99E-01	4.29E-01
6	rs9368741	32737507	A	0.30	0.31	G	0.94	0.85	1.04	2.04E-01	1.79E-01
6	rs6457663	32739312	A	0.07	0.07	T	1.01	0.84	1.22	8.90E-01	8.33E-01
6	rs1383265	32739888	G	0.20	0.20	A	0.97	0.86	1.09	6.00E-01	6.20E-01
6	rs2857211	32740442	T	0.33	0.34	C	0.96	0.87	1.06	4.16E-01	4.52E-01
6	rs2857210	32741742	T	0.30	0.31	C	0.95	0.86	1.05	3.23E-01	3.37E-01
6	rs28724890	32741844	A	0.03	0.03	G	0.99	0.76	1.29	9.35E-01	9.38E-01
6	rs12663317	32742827	C	0.09	0.07	A	1.26	1.07	1.49	5.63E-03	5.61E-03
6	rs9276615	32743217	C	0.30	0.31	T	0.95	0.86	1.05	3.47E-01	3.70E-01
6	rs13195441	32743298	A	0.26	0.27	G	0.95	0.85	1.05	2.93E-01	2.54E-01
6	rs2857204	32744347	A	0.35	0.34	C	1.03	0.94	1.14	5.44E-01	5.98E-01
6	rs9276644	32745043	C	0.35	0.34	T	1.01	0.92	1.12	7.71E-01	7.31E-01
6	rs28986337	32748398	T	0.09	0.07	C	1.26	1.07	1.49	6.39E-03	6.36E-03
6	rs34043227	32748590	T	0.08	0.05	C	1.63	1.35	1.97	2.99E-07	1.90E-07
6	rs28986338	32748810	T	0.09	0.07	C	1.26	1.07	1.49	5.63E-03	5.60E-03
6	rs28986359	32751349	C	0.09	0.07	G	1.26	1.07	1.49	5.63E-03	5.62E-03
6	rs28986364	32751691	C	0.09	0.07	A	1.35	1.13	1.60	7.67E-04	6.81E-04
6	rs719654	32752139	T	0.20	0.21	C	0.96	0.85	1.07	4.46E-01	3.97E-01

6	rs28986373	32752150	A	0.09	0.07	C	1.26	1.07	1.49	5.80E-03	5.83E-03
6	rs13204139	32752685	A	0.09	0.07	G	1.27	1.07	1.50	5.00E-03	4.96E-03
6	rs28986396	32754430	A	0.09	0.07	G	1.26	1.07	1.49	5.89E-03	5.89E-03
6	rs7762279	32755290	C	0.07	0.09	T	0.69	0.58	0.83	4.77E-05	5.89E-05
6	rs9276711	32757297	T	0.35	0.35	C	1.02	0.92	1.12	7.54E-01	7.38E-01
6	rs2857167	32757396	T	0.30	0.31	C	0.96	0.87	1.06	4.15E-01	4.30E-01
6	rs2621388	32757938	T	0.30	0.31	C	0.95	0.86	1.05	3.55E-01	3.79E-01
6	rs7758736	32758394	A	0.16	0.17	G	0.94	0.83	1.07	3.31E-01	3.53E-01
6	rs3948793	32759448	T	0.35	0.35	C	1.01	0.92	1.11	8.41E-01	8.11E-01
6	rs2157079	32762103	A	0.37	0.36	G	1.07	0.97	1.18	1.61E-01	1.33E-01
6	rs9276722	32762391	G	0.09	0.07	A	1.26	1.07	1.48	6.44E-03	6.68E-03
6	rs2621377	32763110	G	0.46	0.43	A	1.14	1.04	1.25	4.70E-03	3.53E-03
6	rs2857151	32763514	T	0.37	0.36	C	1.07	0.97	1.18	1.65E-01	1.36E-01
6	rs9276726	32763888	C	0.31	0.33	T	0.89	0.81	0.98	2.16E-02	1.91E-02
6	rs2621373	32765130	G	0.31	0.30	A	1.02	0.93	1.13	6.49E-01	7.03E-01
6	rs7767167	32765182	G	0.10	0.13	A	0.72	0.62	0.84	1.32E-05	1.59E-05
6	rs6912002	32765268	C	0.32	0.34	T	0.91	0.83	1.00	5.76E-02	5.47E-02
6	rs1383261	32765451	A	0.32	0.34	G	0.91	0.83	1.01	6.66E-02	6.36E-02
6	rs6932969	32765671	G	0.32	0.34	C	0.91	0.83	1.01	6.66E-02	6.36E-02
6	rs7383606	32766593	T	0.32	0.34	C	0.91	0.83	1.01	6.49E-02	6.19E-02
6	rs9276734	32766854	A	0.32	0.34	G	0.91	0.83	1.01	6.66E-02	6.36E-02
6	rs2199874	32769926	C	0.32	0.31	T	1.04	0.94	1.15	4.02E-01	4.34E-01
6	rs2621358	32770808	A	0.31	0.30	G	1.02	0.92	1.13	6.77E-01	7.36E-01
6	rs2857143	32772636	T	0.37	0.35	C	1.06	0.96	1.17	2.54E-01	2.03E-01
6	rs2199870	32773172	G	0.37	0.36	A	1.07	0.97	1.18	1.69E-01	1.40E-01
6	rs7382619	32775809	T	0.32	0.34	C	0.90	0.82	0.99	3.71E-02	3.53E-02
6	rs12207915	32777752	C	0.07	0.06	T	1.21	1.01	1.45	4.32E-02	4.72E-02
6	rs7383433	32778531	A	0.37	0.36	G	1.07	0.97	1.18	1.65E-01	1.36E-01
6	rs2621332	32780317	C	0.37	0.36	T	1.07	0.97	1.18	1.55E-01	1.28E-01
6	rs2621331	32780470	G	0.39	0.37	A	1.10	1.00	1.20	6.07E-02	4.75E-02
6	rs11244	32780724	T	0.26	0.27	C	0.93	0.84	1.03	1.84E-01	1.52E-01
6	rs2621330	32781524	A	0.04	0.04	G	0.95	0.75	1.20	6.45E-01	6.41E-01
6	rs2070121	32781554	T	0.08	0.08	C	0.88	0.74	1.04	1.40E-01	1.74E-01
6	rs2856997	32781776	T	0.41	0.42	G	0.97	0.88	1.07	5.26E-01	4.87E-01

6	rs2071474	32782582	A	0.29	0.28	G	1.05	0.95	1.16	3.38E-01	3.81E-01
6	rs2071473	32782605	A	0.35	0.35	G	0.98	0.89	1.09	7.57E-01	6.61E-01
6	rs7383287	32783086	G	0.20	0.21	A	0.95	0.84	1.06	3.32E-01	3.42E-01
6	rs2071472	32784620	A	0.29	0.28	G	1.05	0.95	1.17	3.11E-01	3.49E-01
6	rs2071554	32784676	A	0.04	0.05	G	0.82	0.66	1.03	9.40E-02	7.27E-02
6	rs2071469	32784783	A	0.36	0.36	G	0.98	0.89	1.08	6.46E-01	6.20E-01
6	rs2857107	32785515	A	0.12	0.11	G	1.10	0.95	1.27	1.90E-01	1.90E-01
6	rs17429444	32786068	G	0.12	0.11	A	1.10	0.95	1.26	2.15E-01	2.42E-01
6	rs1894406	32787056	A	0.33	0.34	G	0.98	0.89	1.08	7.24E-01	7.10E-01
6	rs17220136	32787337	T	0.05	0.06	C	0.81	0.65	1.01	5.75E-02	7.04E-02
6	rs2857106	32787570	G	0.17	0.17	A	0.97	0.86	1.10	6.21E-01	5.75E-01
6	rs9784758	32788511	C	0.05	0.07	T	0.78	0.64	0.95	1.22E-02	8.99E-03
6	rs9784876	32788878	A	0.05	0.07	C	0.78	0.64	0.95	1.22E-02	8.99E-03
6	rs2621321	32789480	C	0.26	0.25	T	1.09	0.98	1.21	1.32E-01	1.50E-01
6	rs16870907	32789807	T	0.05	0.06	C	0.77	0.63	0.95	1.21E-02	9.72E-03
6	rs16870914	32791774	C	0.02	0.02	G	0.67	0.47	0.94	2.04E-02	2.32E-02
6	rs13209654	32792659	C	0.09	0.07	T	1.26	1.07	1.49	5.86E-03	5.98E-03
6	rs16870923	32792693	C	0.02	0.02	T	0.68	0.49	0.96	2.53E-02	2.93E-02
6	rs10484565	32795032	A	0.08	0.09	G	0.89	0.75	1.05	1.63E-01	1.65E-01
6	rs241453	32796226	T	0.27	0.25	C	1.10	0.99	1.22	8.02E-02	9.13E-02
6	rs241452	32796346	G	0.27	0.25	A	1.10	0.99	1.22	7.33E-02	8.32E-02
6	rs241451	32796480	G	0.31	0.31	A	1.03	0.93	1.14	5.80E-01	6.60E-01
6	rs17034	32796521	A	0.26	0.25	G	1.08	0.97	1.20	1.46E-01	1.67E-01
6	rs241448	32796685	C	0.27	0.25	T	1.10	0.99	1.22	8.74E-02	9.70E-02
6	rs241447	32796751	G	0.27	0.25	A	1.09	0.98	1.21	1.18E-01	1.36E-01
6	rs4148876	32796793	T	0.09	0.07	C	1.26	1.07	1.49	5.16E-03	5.48E-03
6	rs241446	32796967	T	0.27	0.25	C	1.10	0.99	1.22	7.17E-02	8.36E-02
6	rs241445	32797072	A	0.27	0.25	G	1.10	0.99	1.22	8.08E-02	9.25E-02
6	rs241440	32797361	A	0.27	0.25	G	1.11	1.00	1.24	4.42E-02	5.21E-02
6	rs241439	32797537	C	0.37	0.37	A	1.00	0.91	1.10	9.69E-01	9.92E-01
6	rs241438	32797620	A	0.33	0.33	G	0.99	0.90	1.10	8.84E-01	8.65E-01
6	rs241437	32797684	C	0.37	0.37	T	1.00	0.91	1.10	1.00E+00	9.89E-01
6	rs241436	32797876	C	0.45	0.45	T	1.00	0.91	1.10	9.96E-01	9.16E-01
6	rs9380326	32798283	C	0.10	0.11	T	0.84	0.72	0.98	2.34E-02	1.99E-02

6	rs1015166	32798731	T	0.29	0.32	C	0.87	0.78	0.96	5.32E-03	5.72E-03
6	rs241433	32798795	G	0.44	0.41	T	1.14	1.04	1.25	7.31E-03	6.14E-03
6	rs2228397	32800224	T	0.24	0.23	G	1.04	0.93	1.16	5.29E-01	5.93E-01
6	rs1800454	32800412	A	0.17	0.15	G	1.16	1.02	1.31	2.53E-02	1.65E-02
6	rs241430	32802820	A	0.43	0.41	G	1.12	1.02	1.23	2.21E-02	1.74E-02
6	rs4148871	32803316	T	0.23	0.21	C	1.11	0.99	1.24	7.55E-02	8.21E-02
6	rs241429	32803840	T	0.44	0.44	C	0.97	0.89	1.07	5.65E-01	7.25E-01
6	rs3819715	32804219	T	0.35	0.34	G	1.07	0.97	1.18	1.68E-01	2.03E-01
6	rs241427	32804414	T	0.34	0.34	C	0.97	0.88	1.07	5.68E-01	5.81E-01
6	rs3819721	32804798	A	0.29	0.25	G	1.26	1.14	1.40	8.32E-06	6.91E-06
6	rs241425	32804909	T	0.41	0.43	C	0.93	0.85	1.02	1.22E-01	1.12E-01
6	rs241424	32804934	T	0.43	0.45	C	0.92	0.84	1.01	8.22E-02	8.61E-02
6	rs2071544	32806121	A	0.47	0.51	G	0.84	0.77	0.92	2.10E-04	1.99E-04
6	rs4148870	32806391	A	0.49	0.44	G	1.19	1.09	1.31	1.43E-04	1.27E-04
6	rs3763366	32807446	G	0.47	0.51	C	0.86	0.78	0.94	1.03E-03	9.12E-04
6	rs3763349	32808232	T	0.44	0.48	C	0.87	0.79	0.95	2.62E-03	2.39E-03
6	rs9357155	32809848	A	0.14	0.12	G	1.16	1.01	1.33	3.60E-02	3.62E-02
6	rs6924102	32811383	G	0.48	0.43	A	1.19	1.08	1.30	2.60E-04	2.46E-04
6	rs2071543	32811629	A	0.15	0.13	C	1.16	1.02	1.33	2.59E-02	2.54E-02
6	rs2071541	32812858	C	0.11	0.12	T	0.92	0.79	1.06	2.32E-01	2.72E-01
6	rs2071540	32812916	A	0.38	0.42	G	0.87	0.79	0.95	3.31E-03	2.68E-03
6	rs8842	32813161	G	0.03	0.03	C	0.86	0.65	1.14	3.04E-01	2.82E-01
6	rs1057373	32813279	T	0.08	0.09	G	0.88	0.75	1.04	1.27E-01	1.53E-01
6	rs13215	32813852	T	0.06	0.06	G	0.98	0.80	1.19	8.15E-01	7.99E-01
6	rs4711312	32814659	G	0.14	0.15	A	0.91	0.80	1.04	1.49E-01	1.73E-01
6	rs1135216	32814975	G	0.14	0.15	A	0.91	0.80	1.04	1.57E-01	1.81E-01
6	rs17213812	32815516	T	0.06	0.06	C	0.97	0.80	1.18	7.80E-01	7.83E-01
6	rs2071482	32816700	T	0.14	0.15	G	0.97	0.85	1.10	6.13E-01	6.89E-01
6	rs12527715	32816998	C	0.17	0.17	T	1.02	0.90	1.15	7.58E-01	6.75E-01
6	rs2395269	32817774	G	0.14	0.14	T	1.00	0.88	1.14	9.56E-01	8.33E-01
6	rs2127680	32818031	C	0.03	0.03	T	1.06	0.81	1.39	6.79E-01	6.41E-01
6	rs2071538	32818678	T	0.20	0.22	C	0.90	0.81	1.01	7.44E-02	6.75E-02
6	rs1057141	32818774	G	0.17	0.17	A	0.98	0.87	1.11	7.99E-01	8.87E-01
6	rs2071481	32819865	G	0.11	0.11	A	0.99	0.85	1.14	8.57E-01	9.80E-01

6	rs1351383	32822269	G	0.45	0.42	T	1.10	1.01	1.21	3.81E-02	3.39E-02
6	rs4713600	32822858	T	0.45	0.42	G	1.10	1.01	1.21	3.47E-02	3.10E-02
6	rs991760	32823567	T	0.07	0.07	C	1.03	0.86	1.24	7.13E-01	6.27E-01
6	rs17587	32825090	A	0.30	0.28	G	1.10	0.99	1.21	7.52E-02	7.93E-02
6	rs2071477	32825348	G	0.45	0.42	A	1.11	1.01	1.21	3.37E-02	3.03E-02
6	rs9276815	32825507	T	0.35	0.33	C	1.12	1.01	1.23	2.44E-02	2.35E-02
6	rs241418	32827356	T	0.02	0.03	C	0.92	0.69	1.24	5.85E-01	6.28E-01
6	rs241417	32827916	G	0.02	0.03	A	0.93	0.69	1.25	6.27E-01	6.64E-01
6	rs9276825	32829714	A	0.47	0.45	G	1.09	0.99	1.19	7.09E-02	6.17E-02
6	rs7767288	32830013	A	0.45	0.42	G	1.11	1.01	1.21	3.26E-02	2.89E-02
6	rs7766900	32830034	G	0.47	0.45	A	1.09	0.99	1.19	6.86E-02	5.97E-02
6	rs9276831	32832033	G	0.14	0.14	A	1.04	0.91	1.18	6.03E-01	6.32E-01
6	rs3752430	32832667	A	0.39	0.42	G	0.86	0.78	0.94	1.16E-03	9.55E-04
6	rs1383267	32833646	T	0.45	0.42	C	1.11	1.01	1.22	2.86E-02	2.57E-02
6	rs10484566	32835258	G	0.07	0.06	T	1.08	0.89	1.30	4.38E-01	3.69E-01
6	rs6931062	32835615	A	0.38	0.36	C	1.10	1.00	1.21	5.14E-02	5.40E-02
6	rs9276835	32837129	A	0.38	0.36	T	1.10	1.00	1.20	5.84E-02	6.03E-02
6	rs6906376	32838584	A	0.38	0.36	C	1.09	0.99	1.20	6.59E-02	6.73E-02
6	rs6929078	32838664	C	0.38	0.36	T	1.09	0.99	1.20	7.53E-02	7.61E-02
6	rs9276845	32840139	G	0.39	0.36	A	1.10	1.00	1.21	5.38E-02	5.56E-02
6	rs9276857	32841319	C	0.38	0.36	T	1.08	0.98	1.19	1.08E-01	1.09E-01
6	rs241415	32842691	C	0.02	0.03	A	0.91	0.67	1.22	5.18E-01	5.58E-01
6	rs28724900	32844032	T	0.03	0.03	C	1.01	0.78	1.32	9.18E-01	9.15E-01
6	rs7757767	32845873	G	0.38	0.36	A	1.09	0.99	1.20	6.89E-02	7.02E-02
6	rs9276894	32846483	C	0.38	0.36	G	1.10	1.00	1.21	5.19E-02	5.39E-02
6	rs9276900	32848566	C	0.38	0.36	A	1.11	1.01	1.22	3.60E-02	3.78E-02
6	rs2127675	32850850	C	0.39	0.36	T	1.10	1.00	1.21	4.72E-02	4.91E-02
6	rs17220297	32852052	T	0.02	0.02	G	1.04	0.76	1.42	7.97E-01	7.45E-01
6	rs1002985	32852448	T	0.03	0.05	C	0.66	0.52	0.83	5.20E-04	5.64E-04
6	rs7766964	32852928	T	0.09	0.09	A	0.99	0.85	1.16	9.16E-01	9.58E-01
6	rs35571244	32853219	C	0.10	0.07	T	1.54	1.30	1.81	2.35E-07	2.71E-07
6	rs10046115	32855174	G	0.11	0.11	A	0.97	0.84	1.13	7.07E-01	7.53E-01
6	rs6457689	32855683	T	0.11	0.11	C	0.97	0.84	1.13	7.02E-01	7.48E-01
6	rs10214759	32857295	T	0.02	0.03	G	0.88	0.66	1.19	4.20E-01	3.57E-01

6	rs10214886	32857419	A	0.11	0.11	T	0.97	0.83	1.12	6.41E-01	6.92E-01
6	rs9276913	32857496	G	0.42	0.46	A	0.86	0.78	0.94	1.03E-03	8.60E-04
6	rs9469300	32860752	A	0.11	0.11	G	0.98	0.84	1.14	7.87E-01	8.23E-01
6	rs241409	32861920	C	0.11	0.09	T	1.21	1.04	1.41	1.15E-02	1.35E-02
6	rs241407	32862740	A	0.11	0.09	G	1.20	1.03	1.39	1.63E-02	1.86E-02
6	rs12195238	32862910	T	0.04	0.02	A	1.57	1.20	2.06	1.01E-03	8.87E-04
6	rs11961569	32864681	G	0.08	0.08	T	1.01	0.85	1.19	9.15E-01	8.22E-01
6	rs11969321	32864890	C	0.08	0.08	G	1.02	0.86	1.20	8.57E-01	7.65E-01
6	rs17508331	32865338	C	0.08	0.08	T	1.01	0.85	1.19	9.18E-01	8.26E-01
6	rs241405	32865798	T	0.45	0.49	C	0.85	0.78	0.93	4.44E-04	3.26E-04
6	rs9276915	32865911	A	0.29	0.27	G	1.10	0.99	1.22	6.37E-02	6.43E-02
6	rs241404	32865997	G	0.46	0.42	A	1.19	1.08	1.30	2.12E-04	2.08E-04
6	rs9501233	32867123	A	0.08	0.08	G	1.03	0.87	1.21	7.72E-01	6.95E-01
6	rs9461818	32867859	G	0.08	0.08	A	1.01	0.85	1.19	9.14E-01	8.23E-01
6	rs10080898	32869882	C	0.08	0.08	A	1.01	0.86	1.20	8.91E-01	8.01E-01
6	rs9296057	32869915	G	0.08	0.08	A	1.02	0.86	1.20	8.37E-01	7.47E-01
6	rs3101942	32870057	C	0.37	0.39	T	0.89	0.81	0.98	1.28E-02	9.88E-03
6	rs1591	32871317	G	0.08	0.08	T	1.01	0.86	1.19	9.10E-01	8.19E-01
6	rs1585894	32875323	A	0.08	0.08	C	1.01	0.85	1.19	9.14E-01	8.23E-01
6	rs241398	32875450	A	0.46	0.42	G	1.19	1.09	1.31	1.64E-04	1.63E-04
6	rs9501234	32876049	G	0.08	0.08	A	1.02	0.86	1.21	8.09E-01	7.32E-01
6	rs9500926	32876514	C	0.08	0.08	T	1.01	0.85	1.19	9.14E-01	8.23E-01
6	rs1978030	32877073	C	0.08	0.08	T	1.01	0.86	1.19	9.10E-01	8.19E-01
6	rs154988	32877266	C	0.45	0.49	T	0.85	0.78	0.93	3.93E-04	2.92E-04
6	rs386542	32877768	T	0.08	0.08	A	1.01	0.86	1.19	9.10E-01	8.19E-01
6	rs154986	32879233	A	0.08	0.08	C	1.02	0.87	1.21	7.86E-01	7.14E-01
6	rs9469311	32880295	G	0.02	0.02	A	0.81	0.58	1.13	2.18E-01	2.37E-01
6	rs9276921	32881502	G	0.14	0.13	A	1.04	0.91	1.19	5.37E-01	5.49E-01
6	rs9276922	32881527	A	0.19	0.21	T	0.91	0.81	1.02	1.21E-01	1.07E-01
6	rs35599935	32886487	C	0.10	0.07	T	1.54	1.30	1.82	3.47E-07	4.36E-07
6	rs149392	32889971	G	0.08	0.08	A	1.03	0.87	1.21	7.63E-01	6.85E-01
6	rs194679	32891338	A	0.05	0.04	G	1.19	0.96	1.49	1.17E-01	9.92E-02
6	rs151724	32892688	C	0.03	0.04	T	0.88	0.68	1.14	3.46E-01	3.60E-01
6	rs9296059	32893102	C	0.09	0.09	A	1.02	0.86	1.20	8.55E-01	7.67E-01

6	rs9469312	32893289	A	0.05	0.04	G	1.20	0.96	1.49	1.07E-01	9.00E-02
6	rs9501239	32895580	G	0.05	0.04	A	1.13	0.91	1.41	2.81E-01	2.38E-01
6	rs1116029	32895984	T	0.05	0.04	C	1.21	0.97	1.50	9.10E-02	7.32E-02
6	rs154978	32899296	G	0.42	0.48	A	0.80	0.73	0.88	2.23E-06	1.60E-06
6	rs3132131	32899485	A	0.28	0.33	G	0.82	0.74	0.91	9.16E-05	5.53E-05
6	rs154973	32900642	A	0.11	0.10	G	1.05	0.91	1.22	5.01E-01	4.66E-01
6	rs154972	32900651	C	0.41	0.40	T	1.05	0.96	1.15	3.15E-01	2.83E-01
6	rs181997	32900718	T	0.33	0.35	C	0.92	0.84	1.02	1.15E-01	1.19E-01
6	rs3129299	32900787	A	0.18	0.18	G	1.02	0.91	1.15	7.25E-01	7.07E-01
6	rs3132132	32901934	A	0.15	0.14	G	1.03	0.90	1.17	6.76E-01	7.19E-01
6	rs12662077	32902001	A	0.09	0.06	G	1.46	1.22	1.74	2.76E-05	2.92E-05
6	rs23544	32903637	A	0.45	0.43	G	1.07	0.98	1.17	1.53E-01	1.81E-01
6	rs68600	32903724	A	0.46	0.44	G	1.08	0.99	1.19	9.63E-02	1.13E-01
6	rs151719	32903900	G	0.21	0.24	A	0.84	0.75	0.94	2.26E-03	2.44E-03
6	rs2071556	32904601	C	0.43	0.41	A	1.08	0.99	1.19	9.27E-02	8.86E-02
6	rs171329	32904661	C	0.48	0.48	T	1.02	0.93	1.11	7.44E-01	6.92E-01
6	rs1042337	32904981	C	0.25	0.24	T	1.05	0.95	1.17	3.42E-01	3.52E-01
6	rs714289	32905811	C	0.04	0.06	T	0.66	0.53	0.83	2.26E-04	2.40E-04
6	rs6934645	32906228	A	0.03	0.02	C	1.25	0.94	1.66	1.21E-01	1.23E-01
6	rs28365995	32909098	A	0.03	0.03	G	0.91	0.69	1.19	4.86E-01	5.22E-01
6	rs35029304	32909533	C	0.07	0.04	T	1.65	1.34	2.02	1.23E-06	8.56E-07
6	rs16871169	32910877	A	0.02	0.02	G	0.77	0.55	1.07	1.21E-01	1.15E-01
6	rs3101944	32911127	T	0.11	0.09	C	1.29	1.11	1.51	1.06E-03	9.56E-04
6	rs2395296	32911814	A	0.34	0.32	G	1.08	0.98	1.19	1.04E-01	9.93E-02
6	rs10484567	32912552	C	0.02	0.03	T	0.96	0.72	1.28	7.77E-01	7.30E-01
6	rs1480380	32913246	T	0.06	0.07	C	0.85	0.71	1.02	8.77E-02	1.16E-01
6	rs194682	32914613	T	0.34	0.33	C	1.08	0.98	1.19	1.28E-01	1.62E-01
6	rs17583915	32915852	C	0.03	0.03	T	0.92	0.70	1.21	5.41E-01	5.87E-01
6	rs17617515	32918124	T	0.03	0.03	G	0.93	0.71	1.21	5.75E-01	6.17E-01
6	rs3135029	32921774	A	0.07	0.09	C	0.79	0.66	0.93	5.72E-03	5.00E-03
6	rs9378127	32922459	A	0.13	0.12	G	1.10	0.96	1.27	1.70E-01	1.63E-01
6	rs209473	32922908	A	0.47	0.47	C	1.03	0.94	1.13	5.70E-01	5.28E-01
6	rs28724903	32924061	T	0.10	0.09	C	1.04	0.89	1.22	6.17E-01	5.92E-01
6	rs209474	32924584	G	0.40	0.40	A	0.99	0.90	1.09	8.38E-01	7.33E-01

6	rs209475	32925585	A	0.35	0.34	G	1.08	0.98	1.19	1.38E-01	1.79E-01
6	rs580962	32925692	G	0.43	0.42	A	1.06	0.97	1.16	2.10E-01	1.82E-01
6	rs6906517	32926580	T	0.02	0.01	C	1.58	1.08	2.32	1.78E-02	1.90E-02
6	rs9276933	32930795	C	0.09	0.10	T	0.98	0.84	1.15	8.13E-01	9.12E-01
6	rs129653	32931536	C	0.36	0.34	T	1.08	0.98	1.19	1.29E-01	1.79E-01
6	rs206783	32932150	A	0.40	0.40	C	0.99	0.90	1.09	7.88E-01	6.77E-01
6	rs17584088	32935509	C	0.03	0.03	A	0.91	0.70	1.18	4.78E-01	5.25E-01
6	rs3918150	32936435	G	0.03	0.03	C	0.81	0.61	1.07	1.34E-01	1.55E-01
6	rs3129296	32938291	C	0.09	0.11	G	0.82	0.70	0.96	1.17E-02	9.97E-03
6	rs16871262	32939248	G	0.03	0.03	C	0.91	0.70	1.19	5.09E-01	5.51E-01
6	rs17220479	32940815	T	0.03	0.03	C	0.91	0.69	1.19	4.83E-01	4.66E-01
6	rs3130597	32941191	T	0.07	0.09	C	0.78	0.66	0.93	5.41E-03	4.81E-03
6	rs12196597	32941214	A	0.13	0.12	C	1.10	0.96	1.27	1.78E-01	1.68E-01
6	rs620202	32941910	T	0.28	0.27	G	1.05	0.95	1.17	3.52E-01	3.78E-01
6	rs3918154	32943752	G	0.03	0.02	A	1.30	0.98	1.73	6.60E-02	6.63E-02
6	rs11908	32944746	T	0.36	0.37	C	0.98	0.89	1.08	6.82E-01	6.75E-01
6	rs3129307	32944987	T	0.07	0.09	C	0.78	0.66	0.93	4.91E-03	4.40E-03
6	rs17220493	32945097	T	0.01	0.01	C	0.91	0.60	1.40	6.78E-01	6.18E-01
6	rs3097644	32945530	G	0.07	0.08	C	0.80	0.67	0.95	1.24E-02	1.17E-02
6	rs565876	32950050	T	0.36	0.37	C	0.98	0.89	1.08	7.11E-01	7.02E-01
6	rs16871297	32950217	G	0.03	0.03	A	0.91	0.70	1.20	5.11E-01	4.84E-01
6	rs17617793	32951161	C	0.03	0.03	T	0.91	0.70	1.19	5.11E-01	5.53E-01
6	rs17220500	32951593	G	0.03	0.03	C	0.91	0.70	1.19	5.11E-01	5.53E-01
6	rs3135034	32951662	C	0.11	0.09	T	1.32	1.13	1.54	4.39E-04	3.89E-04
6	rs206777	32952546	C	0.42	0.41	T	1.05	0.95	1.15	3.36E-01	2.96E-01
6	rs3097645	32953280	G	0.09	0.11	C	0.82	0.70	0.96	1.51E-02	1.28E-02
6	rs206775	32954634	G	0.37	0.37	T	0.98	0.89	1.08	6.86E-01	6.69E-01
6	rs3097646	32954689	C	0.11	0.09	A	1.33	1.14	1.55	3.54E-04	3.16E-04
6	rs188245	32955976	C	0.43	0.45	T	0.94	0.86	1.03	2.08E-01	2.24E-01
6	rs206769	32961104	A	0.22	0.21	G	1.04	0.93	1.16	5.09E-01	4.43E-01
6	rs9500927	32961361	A	0.15	0.15	G	1.00	0.88	1.13	9.80E-01	8.88E-01
6	rs206768	32961387	C	0.37	0.37	T	0.98	0.89	1.08	7.21E-01	7.07E-01
6	rs172275	32961621	T	0.45	0.45	C	1.03	0.94	1.13	4.81E-01	4.33E-01
6	rs206767	32962420	G	0.48	0.48	T	1.02	0.93	1.12	6.98E-01	6.24E-01

6	rs206765	32964696	A	0.37	0.37	T	0.97	0.88	1.07	5.25E-01	4.68E-01
6	rs176248	32965942	T	0.29	0.27	C	1.08	0.98	1.20	1.23E-01	1.12E-01
6	rs2395300	32968276	A	0.31	0.33	G	0.95	0.86	1.05	3.28E-01	3.01E-01
6	rs172274	32969457	A	0.33	0.34	G	0.96	0.87	1.06	3.96E-01	3.69E-01
6	rs12193085	32969696	T	0.13	0.14	C	0.97	0.85	1.11	6.88E-01	5.94E-01
6	rs206762	32970450	C	0.42	0.43	T	0.95	0.87	1.04	2.79E-01	3.03E-01
6	rs17214134	32971682	A	0.01	0.01	G	1.41	0.94	2.11	9.59E-02	7.87E-02
6	rs3128931	32971708	A	0.26	0.24	G	1.10	0.99	1.23	6.96E-02	7.13E-02
6	rs1044429	32972642	A	0.13	0.14	G	0.97	0.85	1.11	6.68E-01	5.79E-01
6	rs376892	32972887	T	0.31	0.29	C	1.09	0.99	1.21	9.48E-02	1.00E-01
6	rs35776718	32972903	A	0.15	0.14	G	1.14	1.00	1.30	4.53E-02	4.29E-02
6	rs3129304	32973743	G	0.15	0.16	A	0.93	0.82	1.06	2.60E-01	2.76E-01
6	rs2581	32974401	A	0.47	0.44	C	1.11	1.01	1.22	2.65E-02	2.46E-02
6	rs6913008	32974843	T	0.18	0.16	C	1.13	1.00	1.27	5.47E-02	5.27E-02
6	rs365066	32975257	T	0.46	0.43	C	1.11	1.01	1.21	2.95E-02	2.50E-02
6	rs453779	32975381	T	0.41	0.43	C	0.90	0.82	0.99	2.74E-02	2.42E-02
6	rs2267647	32975511	A	0.30	0.32	G	0.91	0.82	1.01	6.81E-02	6.04E-02
6	rs11575906	32975808	T	0.01	0.01	C	0.95	0.64	1.40	7.79E-01	7.44E-01
6	rs2284191	32976654	A	0.08	0.09	G	0.92	0.78	1.09	3.50E-01	3.32E-01
6	rs86567	32976759	C	0.43	0.43	A	1.01	0.92	1.10	9.08E-01	8.46E-01
6	rs403414	32977315	C	0.17	0.18	T	0.92	0.81	1.04	1.73E-01	1.92E-01
6	rs381218	32977420	A	0.26	0.26	C	1.03	0.92	1.14	6.31E-01	6.08E-01
6	rs396090	32977535	C	0.44	0.47	T	0.90	0.83	0.99	3.40E-02	3.12E-02
6	rs6911639	32978178	C	0.24	0.21	T	1.15	1.03	1.28	1.28E-02	1.41E-02
6	rs429916	32978587	A	0.06	0.07	C	0.83	0.68	1.00	4.58E-02	6.21E-02
6	rs3763342	32978997	A	0.14	0.14	G	1.00	0.88	1.14	9.92E-01	8.87E-01
6	rs3763341	32979020	T	0.11	0.12	C	0.92	0.79	1.06	2.41E-01	1.78E-01
6	rs34354079	32981555	A	0.09	0.08	G	1.04	0.89	1.23	6.16E-01	6.06E-01
6	rs6457699	32981647	T	0.45	0.44	C	1.02	0.93	1.11	7.43E-01	8.08E-01
6	rs9276991	32981848	G	0.06	0.05	A	1.09	0.90	1.33	3.60E-01	4.17E-01
6	rs9276992	32981937	C	0.06	0.05	T	1.09	0.90	1.33	3.66E-01	4.22E-01
6	rs34570277	32982017	T	0.09	0.08	C	1.04	0.88	1.23	6.37E-01	6.24E-01
6	rs423209	32983474	A	0.03	0.04	G	0.92	0.71	1.18	4.94E-01	5.34E-01
6	rs6935846	32984011	T	0.45	0.45	C	1.01	0.92	1.11	7.74E-01	8.57E-01

6	rs9276994	32984255	C	0.37	0.36	T	1.04	0.95	1.14	4.25E-01	4.67E-01
6	rs6936620	32984451	A	0.40	0.42	G	0.95	0.86	1.04	2.86E-01	3.49E-01
6	rs3130604	32985052	G	0.15	0.15	A	0.94	0.83	1.07	3.46E-01	3.78E-01
6	rs1367731	32985199	T	0.18	0.16	C	1.14	1.01	1.29	3.42E-02	3.35E-02
6	rs6457701	32986573	G	0.37	0.36	A	1.04	0.95	1.14	4.13E-01	4.56E-01
6	rs6933994	32987120	G	0.50	0.49	T	1.02	0.93	1.12	6.46E-01	7.32E-01
6	rs423639	32987774	T	0.09	0.08	C	1.02	0.87	1.20	7.86E-01	8.05E-01
6	rs6457702	32988049	T	0.46	0.47	G	0.97	0.88	1.06	5.08E-01	5.64E-01
6	rs17220695	32988089	T	0.05	0.05	C	1.11	0.90	1.36	3.38E-01	3.83E-01
6	rs17214311	32988175	A	0.05	0.05	G	1.11	0.90	1.36	3.36E-01	3.81E-01
6	rs9296068	32988695	G	0.33	0.33	T	0.99	0.90	1.10	8.74E-01	7.70E-01
6	rs6930052	32990481	T	0.04	0.04	A	1.17	0.93	1.46	1.74E-01	1.79E-01
6	rs3097648	32990970	T	0.12	0.12	A	0.98	0.85	1.13	8.07E-01	8.24E-01
6	rs13217173	32991738	T	0.13	0.12	G	1.09	0.95	1.25	2.39E-01	2.34E-01
6	rs7738250	32992424	A	0.09	0.08	G	1.08	0.92	1.27	3.64E-01	3.53E-01
6	rs397576	32993186	C	0.01	0.01	A	0.96	0.65	1.42	8.40E-01	8.29E-01
6	rs9277015	32993266	A	0.36	0.34	G	1.06	0.96	1.17	2.50E-01	3.02E-01
6	rs6933546	32996014	T	0.35	0.34	C	1.06	0.96	1.16	2.60E-01	3.05E-01
6	rs443623	32996350	A	0.24	0.24	T	0.99	0.89	1.10	8.53E-01	8.69E-01
6	rs6920606	32997674	C	0.49	0.46	T	1.10	1.01	1.21	3.74E-02	4.59E-02
6	rs9277027	32998238	G	0.27	0.27	A	1.01	0.91	1.12	8.03E-01	8.72E-01
6	rs1431396	32998564	T	0.38	0.39	C	0.94	0.85	1.03	2.05E-01	2.30E-01
6	rs3135195	32999330	C	0.03	0.03	A	0.93	0.71	1.22	6.04E-01	6.65E-01
6	rs429073	33001735	C	0.17	0.17	T	0.97	0.86	1.10	6.47E-01	6.40E-01
6	rs34493748	33001771	C	0.04	0.04	T	1.21	0.96	1.51	1.03E-01	1.14E-01
6	rs2858458	33003065	G	0.25	0.25	A	1.01	0.91	1.12	9.00E-01	8.75E-01
6	rs423196	33003562	G	0.17	0.17	A	1.00	0.88	1.12	9.41E-01	9.44E-01
6	rs448733	33003687	T	0.05	0.05	G	0.92	0.74	1.14	4.39E-01	4.64E-01
6	rs3097656	33003745	T	0.03	0.03	C	0.93	0.71	1.22	6.06E-01	6.68E-01
6	rs763469	33004387	A	0.15	0.15	G	0.94	0.83	1.07	3.87E-01	4.23E-01
6	rs414564	33004917	C	0.05	0.05	T	0.93	0.75	1.15	4.96E-01	5.23E-01
6	rs444821	33004935	A	0.25	0.25	G	1.01	0.91	1.12	9.08E-01	8.83E-01
6	rs9277052	33005932	C	0.21	0.20	T	1.03	0.92	1.15	6.11E-01	6.01E-01
6	rs9277053	33006222	A	0.28	0.28	G	1.02	0.92	1.13	7.77E-01	8.49E-01

6	rs410763	33007111	T	0.02	0.02	C	0.91	0.64	1.31	6.11E-01	6.06E-01
6	rs7774158	33007752	A	0.36	0.36	C	1.03	0.93	1.13	6.15E-01	6.50E-01
6	rs28893563	33011187	A	0.03	0.03	G	1.14	0.88	1.48	3.29E-01	4.34E-01
6	rs652038	33012770	T	0.41	0.40	C	1.06	0.96	1.16	2.35E-01	2.61E-01
6	rs398762	33014313	G	0.41	0.40	A	1.05	0.96	1.16	2.83E-01	3.12E-01
6	rs3097659	33016033	C	0.15	0.16	A	0.95	0.84	1.08	4.31E-01	4.77E-01
6	rs2567274	33016707	T	0.34	0.32	C	1.05	0.95	1.16	3.03E-01	3.50E-01
6	rs375912	33016728	C	0.34	0.32	T	1.06	0.96	1.16	2.84E-01	3.30E-01
6	rs2105929	33016887	C	0.29	0.28	T	1.02	0.92	1.13	6.93E-01	7.64E-01
6	rs3128953	33020842	A	0.22	0.22	G	0.99	0.88	1.10	8.23E-01	8.18E-01
6	rs367645	33024499	A	0.03	0.04	G	0.89	0.69	1.15	3.78E-01	3.96E-01
6	rs376877	33024606	G	0.18	0.18	C	0.95	0.84	1.08	4.32E-01	3.79E-01
6	rs2116263	33025493	A	0.02	0.03	G	0.80	0.58	1.09	1.58E-01	1.67E-01
6	rs2395309	33026246	G	0.16	0.17	A	0.89	0.78	1.01	6.98E-02	7.85E-02
6	rs9277334	33030112	C	0.13	0.14	A	0.92	0.81	1.06	2.58E-01	2.46E-01
6	rs17214519	33032188	A	0.16	0.17	G	0.90	0.79	1.02	8.52E-02	9.38E-02
6	rs3077	33033022	C	0.16	0.17	T	0.89	0.79	1.01	7.77E-02	8.64E-02
6	rs2301226	33034596	T	0.13	0.14	C	0.93	0.81	1.06	2.70E-01	2.60E-01
6	rs1367728	33034815	A	0.12	0.12	G	1.08	0.94	1.24	3.04E-01	3.19E-01
6	rs9469341	33035877	G	0.16	0.17	A	0.90	0.79	1.02	9.23E-02	1.05E-01
6	rs2301220	33038766	A	0.16	0.17	G	0.89	0.79	1.01	7.93E-02	8.78E-02
6	rs9277341	33039625	C	0.29	0.31	T	0.89	0.81	0.99	3.16E-02	3.21E-02
6	rs1431399	33041034	G	0.16	0.17	A	0.89	0.79	1.01	7.68E-02	8.57E-02
6	rs987870	33042880	C	0.12	0.13	T	0.91	0.79	1.05	1.94E-01	2.06E-01
6	rs2071349	33043520	G	0.13	0.14	C	0.95	0.83	1.08	4.26E-01	3.95E-01
6	rs2071354	33044388	C	0.12	0.13	T	0.91	0.79	1.05	1.79E-01	1.89E-01
6	rs3135021	33045558	A	0.28	0.29	G	0.97	0.88	1.07	5.29E-01	4.71E-01
6	rs1431403	33047031	C	0.29	0.27	T	1.07	0.97	1.19	1.85E-01	1.79E-01
6	rs9277357	33049979	G	0.30	0.28	A	1.10	0.99	1.22	6.49E-02	6.41E-02
6	rs9277396	33051139	A	0.30	0.29	G	1.08	0.98	1.19	1.40E-01	1.39E-01
6	rs9277464	33053352	T	0.27	0.24	C	1.14	1.03	1.27	1.17E-02	1.23E-02
6	rs9277535	33054861	G	0.27	0.24	A	1.15	1.03	1.27	1.03E-02	1.07E-02
6	rs9277554	33055538	T	0.30	0.29	C	1.08	0.97	1.19	1.57E-01	1.57E-01
6	rs9277555	33055605	A	0.27	0.25	G	1.13	1.01	1.25	2.67E-02	2.66E-02

6	rs9277565	33056897	T	0.23	0.20	C	1.21	1.08	1.35	7.44E-04	8.05E-04
6	rs10484569	33058952	A	0.04	0.04	G	1.00	0.78	1.28	9.75E-01	9.66E-01
6	rs2281390	33059669	A	0.19	0.18	C	1.08	0.96	1.21	2.04E-01	2.21E-01
6	rs2281389	33059796	C	0.20	0.17	T	1.24	1.11	1.40	3.03E-04	3.34E-04
6	rs3128917	33059996	G	0.27	0.25	T	1.13	1.02	1.25	2.35E-02	2.32E-02
6	rs2281388	33060118	T	0.02	0.02	C	1.01	0.74	1.39	9.41E-01	8.77E-01
6	rs3117222	33060949	A	0.27	0.25	G	1.13	1.02	1.25	2.45E-02	2.41E-02
6	rs3128918	33061098	C	0.19	0.18	T	1.08	0.96	1.21	2.10E-01	2.27E-01
6	rs3130192	33061930	T	0.09	0.09	C	0.97	0.83	1.14	7.11E-01	6.86E-01
6	rs6914616	33063592	A	0.04	0.05	C	0.80	0.63	1.00	5.29E-02	5.89E-02
6	rs3130201	33064916	A	0.43	0.39	G	1.18	1.07	1.29	5.14E-04	6.21E-04
6	rs2179915	33065734	T	0.04	0.05	G	0.79	0.63	0.99	4.41E-02	5.00E-02
6	rs2395319	33067211	T	0.27	0.25	C	1.13	1.02	1.25	2.52E-02	2.48E-02
6	rs3128924	33071424	G	0.37	0.38	A	0.98	0.89	1.08	6.90E-01	6.23E-01
6	rs2064479	33072240	A	0.26	0.24	G	1.11	1.00	1.24	4.54E-02	4.27E-02
6	rs2064478	33072266	A	0.24	0.21	G	1.14	1.02	1.27	1.81E-02	1.82E-02
6	rs9469357	33074617	T	0.03	0.04	C	0.89	0.69	1.15	3.59E-01	3.62E-01
6	rs3130215	33074963	A	0.39	0.41	G	0.94	0.85	1.03	1.74E-01	2.05E-01
6	rs3117230	33075635	C	0.24	0.21	T	1.14	1.02	1.28	1.68E-02	1.71E-02
6	rs9296081	33076661	G	0.03	0.03	C	0.89	0.67	1.17	4.00E-01	4.09E-01
6	rs6457713	33077776	T	0.08	0.09	C	0.87	0.73	1.03	1.13E-01	1.18E-01
6	rs9380343	33079166	T	0.04	0.04	C	0.99	0.77	1.26	9.20E-01	8.98E-01
6	rs11751659	33081632	G	0.14	0.14	A	1.06	0.93	1.21	4.01E-01	4.33E-01
6	rs1810472	33083121	G	0.29	0.31	A	0.95	0.86	1.05	2.92E-01	2.61E-01
6	rs2395349	33083134	A	0.20	0.21	G	0.93	0.83	1.04	1.82E-01	1.62E-01
6	rs9277656	33084148	T	0.20	0.22	G	0.92	0.82	1.03	1.65E-01	1.49E-01
6	rs3117039	33085851	A	0.44	0.42	G	1.10	1.00	1.21	4.51E-02	5.52E-02
6	rs3117035	33086249	A	0.45	0.42	G	1.12	1.02	1.23	1.46E-02	2.00E-02
6	rs1883414	33086448	T	0.34	0.30	C	1.21	1.09	1.33	1.90E-04	2.43E-04
6	rs9277682	33087684	C	0.20	0.21	T	0.93	0.83	1.04	1.93E-01	1.70E-01
6	rs9277685	33088084	A	0.17	0.17	G	0.97	0.86	1.09	6.11E-01	6.08E-01
6	rs4713607	33090836	G	0.48	0.51	A	0.89	0.81	0.98	1.33E-02	1.82E-02
6	rs3129274	33094869	G	0.28	0.31	A	0.85	0.77	0.94	1.77E-03	2.33E-03
6	rs3117016	33095516	T	0.42	0.40	C	1.09	1.00	1.20	6.35E-02	8.14E-02

6	rs3117008	33096274	C	0.48	0.51	T	0.89	0.81	0.98	1.44E-02	1.95E-02
6	rs3117004	33096766	C	0.35	0.33	T	1.09	0.99	1.20	7.72E-02	9.44E-02
6	rs3130237	33097561	C	0.18	0.16	T	1.18	1.05	1.33	7.54E-03	1.06E-02
6	rs3129269	33097614	T	0.35	0.32	G	1.16	1.05	1.28	3.21E-03	4.82E-03
6	rs6901221	33098276	C	0.18	0.16	A	1.19	1.05	1.34	6.32E-03	9.14E-03
6	rs2294478	33098966	T	0.49	0.49	G	1.00	0.92	1.10	9.43E-01	9.55E-01
6	rs2294472	33099210	C	0.40	0.41	T	0.97	0.88	1.07	5.13E-01	5.04E-01
6	rs9366816	33104175	C	0.22	0.23	T	0.99	0.88	1.10	7.91E-01	7.79E-01
6	rs13437000	33105064	C	0.19	0.18	T	1.04	0.92	1.17	5.09E-01	4.81E-01
6	rs4713610	33107955	G	0.15	0.17	T	0.88	0.78	1.00	5.48E-02	6.00E-02
6	rs7754200	33110933	G	0.26	0.22	A	1.23	1.11	1.37	1.46E-04	1.96E-04
6	rs3129234	33111347	A	0.26	0.22	G	1.23	1.11	1.37	1.62E-04	2.17E-04
6	rs3129223	33113197	A	0.26	0.22	G	1.24	1.11	1.38	1.04E-04	1.39E-04
6	rs1003979	33114171	A	0.39	0.43	G	0.85	0.77	0.93	6.96E-04	7.17E-04
6	rs2395365	33116222	C	0.44	0.40	A	1.19	1.08	1.30	3.52E-04	3.70E-04
6	rs3129214	33117258	A	0.26	0.22	G	1.23	1.11	1.37	1.32E-04	1.77E-04
6	rs721394	33117818	A	0.18	0.18	G	1.04	0.92	1.17	5.05E-01	4.70E-01
6	rs756441	33122171	C	0.44	0.40	T	1.20	1.09	1.31	1.63E-04	1.73E-04
6	rs756440	33122331	C	0.26	0.22	T	1.24	1.11	1.38	1.17E-04	1.56E-04
6	rs9277912	33124658	T	0.17	0.17	G	0.97	0.86	1.10	6.40E-01	6.50E-01
6	rs9277920	33125725	A	0.35	0.34	G	1.02	0.93	1.12	6.90E-01	7.11E-01
6	rs4713614	33127987	C	0.44	0.44	A	0.98	0.89	1.07	6.39E-01	6.57E-01
6	rs2235498	33130430	T	0.24	0.24	C	0.99	0.89	1.10	8.31E-01	8.01E-01
6	rs986521	33136145	C	0.22	0.25	T	0.87	0.79	0.97	1.52E-02	1.70E-02
6	rs2229784	33136310	A	0.03	0.03	C	1.01	0.78	1.32	9.32E-01	9.42E-01
6	rs9368758	33138021	A	0.07	0.07	G	0.86	0.72	1.03	1.02E-01	1.13E-01
6	rs1799910	33139328	A	0.48	0.45	G	1.14	1.04	1.24	6.27E-03	6.86E-03
6	rs9277932	33141253	T	0.45	0.45	G	1.04	0.94	1.14	4.57E-01	4.78E-01
6	rs2855430	33141280	T	0.16	0.13	C	1.32	1.16	1.50	3.29E-05	4.89E-05
6	rs3762013	33142539	G	0.45	0.45	A	1.04	0.95	1.14	4.25E-01	4.49E-01
6	rs2855425	33144373	C	0.26	0.29	T	0.87	0.78	0.96	7.47E-03	8.13E-03
6	rs2855459	33154656	T	0.16	0.12	C	1.33	1.17	1.51	1.95E-05	2.99E-05
6	rs2269346	33158898	A	0.07	0.07	G	0.87	0.73	1.04	1.32E-01	1.46E-01
6	rs6531	33163451	C	0.26	0.29	T	0.87	0.78	0.96	7.75E-03	8.45E-03

6	rs439205	33173842	T	0.26	0.23	C	1.15	1.04	1.28	8.14E-03	9.56E-03
6	rs421446	33174783	C	0.29	0.27	T	1.11	1.00	1.23	4.20E-02	5.29E-02
6	rs2854028	33179689	A	0.24	0.24	G	1.04	0.93	1.16	4.97E-01	5.01E-01
6	rs1704996	33182895	G	0.05	0.05	T	1.18	0.96	1.46	1.15E-01	9.73E-02
6	rs213213	33183730	A	0.28	0.31	G	0.86	0.78	0.95	3.29E-03	3.57E-03
6	rs9277937	33184894	C	0.10	0.10	T	0.99	0.85	1.15	8.78E-01	8.84E-01
6	rs1977090	33185578	A	0.13	0.12	G	1.06	0.92	1.21	4.26E-01	4.20E-01
6	rs213212	33185918	G	0.25	0.28	T	0.87	0.79	0.97	1.12E-02	1.27E-02
6	rs213194	33195604	A	0.25	0.27	G	0.86	0.78	0.96	6.36E-03	7.31E-03
6	rs213220	33202640	C	0.47	0.45	T	1.06	0.96	1.16	2.48E-01	2.91E-01
6	rs213199	33235755	T	0.34	0.36	C	0.91	0.83	1.00	5.46E-02	6.78E-02
6	rs464921	33240506	C	0.16	0.16	T	0.98	0.86	1.11	7.12E-01	7.28E-01
6	rs213207	33241169	G	0.47	0.45	A	1.06	0.96	1.16	2.41E-01	2.84E-01
6	rs455567	33252115	C	0.43	0.46	T	0.90	0.83	0.99	3.18E-02	4.36E-02
6	rs14398	33254665	G	0.15	0.15	A	0.99	0.87	1.13	8.98E-01	9.47E-01
6	rs9277965	33256397	A	0.17	0.18	G	0.99	0.88	1.12	8.82E-01	8.95E-01
6	rs3130257	33256471	T	0.09	0.10	C	0.91	0.78	1.06	2.28E-01	2.50E-01
6	rs456261	33258443	C	0.46	0.47	T	0.94	0.85	1.02	1.50E-01	1.91E-01
6	rs12664430	33272677	T	0.07	0.07	C	0.97	0.81	1.16	7.34E-01	6.55E-01
6	rs2282851	33280309	T	0.30	0.30	C	1.02	0.92	1.13	6.88E-01	7.74E-01
6	rs3130100	33283766	T	0.44	0.46	C	0.93	0.85	1.02	1.41E-01	1.67E-01
6	rs2239839	33288075	T	0.30	0.30	G	1.02	0.92	1.13	7.31E-01	8.14E-01
6	rs3130267	33306794	T	0.44	0.46	G	0.91	0.83	0.99	3.77E-02	5.04E-02
6	rs3130014	33312308	C	0.31	0.32	T	0.92	0.84	1.02	1.13E-01	1.24E-01
6	rs211474	33320613	T	0.30	0.31	C	0.95	0.86	1.05	2.88E-01	2.96E-01
6	rs3106192	33326250	C	0.43	0.43	T	1.02	0.93	1.12	6.14E-01	7.43E-01
6	rs9278019	33326434	T	0.16	0.15	C	1.13	0.99	1.28	6.40E-02	5.04E-02
6	rs211455	33328518	T	0.29	0.30	C	0.95	0.86	1.05	2.88E-01	3.03E-01
6	rs211452	33330981	C	0.36	0.36	T	1.00	0.91	1.11	9.35E-01	9.38E-01
6	rs3130276	33336930	T	0.35	0.36	C	0.96	0.88	1.06	4.49E-01	3.74E-01
6	rs461964	33360574	C	0.36	0.37	A	0.95	0.86	1.05	2.85E-01	2.24E-01
6	rs211457	33365640	T	0.09	0.10	C	0.89	0.76	1.04	1.44E-01	1.61E-01
6	rs442745	33382241	G	0.35	0.36	A	0.94	0.85	1.04	2.17E-01	1.71E-01
6	rs3116713	33382288	G	0.07	0.08	A	0.85	0.72	1.01	7.17E-02	8.88E-02

6	rs211456	33389381	A	0.38	0.38	C	0.98	0.90	1.08	7.50E-01	7.84E-01
6	rs2247385	33421577	G	0.39	0.39	A	1.00	0.91	1.10	9.35E-01	9.52E-01
6	rs2772372	33427350	T	0.09	0.09	C	0.98	0.84	1.15	8.25E-01	8.76E-01

Results were obtained from the genotype data of 1392 generalized vitiligo cases genotyped genome-wide and 2629 public controls obtained from dbGaP. F_A, minor allele frequency in cases; F_U, minor allele frequency in controls. Odds ratios (OR) were calculated by conditional logistic regression. L95, lower limit of OR's 95% confidence interval; U95, upper limit of OR's 95% confidence interval. Trend p values were calculated using the Cochran-Armitage trend test implemented in PLINK;¹⁰ EIGENSTRAT p values were calculated using the adjusted Cochran-Armitage trend test implemented in EIGENSTRAT.¹¹ SNP positions all refer to Genome Build GRCh37 .

Supplementary Table 4. Second Locus Effect Tests of MHC Region SNPs Associated with Generalized Vitiligo Genome-Wide in a Forward Stepwise-Regression Procedure

Null Model	Alternative Model	p Value ^a	Null Model	Alternative Model	p Value ^a	Null Model	Alternative Model	p Value ^a	Null Model	Alternative Model	p Value ^a
...	A	5.82E-9	...	...	...	E	E+A	4.37E-7	A	A+E	4.65E-4
A	A+B	NS	B	B+A	6.75E-4	E	E+B	5.83E-5	B	B+E	2.34E-4
A	A+C	NS	C	C+A	4.79E-3	E	E+C	8.76E-6	C	C+E	5.04E-4
A	A+D	NS	D	D+A	6.75E-4	E	E+D	5.83E-5	D	D+E	2.34E-4
A	A+E	4.65E-4	E	E+A	4.37E-7	...	E	5.32E-6	...	...	...

A, rs7758128; B, rs28362680; C, rs28362683; D, rs10947262; E, rs532098. NS, not significant (P>0.05).

^a p values from linear regression analyses.