Table S1. Smoking initiation_ GSCAN

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs1004787	A	G	0.0284	-0.0079	0.0026	0.0119	0.5520	0.6252	1.11E-28	0.5075
rs10060196	A	C	0.0183	0.0102	0.0026	0.0119	0.5806	0.6267	1.29E-12	0.3939
rs1008078	T	C	0.0228	0.0059	0.0026	0.0117	0.4020	0.5662	1.63E-18	0.6138
rs1022376	C	T	-0.0147	-0.0201	0.0026	0.0116	0.5158	0.5333	1.66E-08	0.0837
rs10233018	G	A	0.0246	-0.0113	0.0025	0.0118	0.5160	0.5978	4.77E-22	0.3392
rs10279261	A	G	-0.0189	0.0160	0.0026	0.0121	0.6180	0.6409	6.05E-13	0.1849
rs1030015	T	G	0.0143	0.0139	0.0026	0.0116	0.5196	0.4933	2.15E-08	0.2289
rs10446419	G	A	-0.0196	0.0129	0.0031	0.0141	0.2070	0.2163	5.05E-10	0.3607
rs10490159	T	C	0.0172	0.0098	0.0026	0.0120	0.3940	0.3681	3.86E-11	0.4167
rs1050847	T	C	-0.0148	0.0092	0.0026	0.0116	0.5590	0.5075	7.37E-09	0.4264
rs10698713	A	G	-0.0335	0.0534	0.0056	0.0439	0.0544	0.0180	2.38E-09	0.2246
rs10789369	G	A	-0.0234	0.0028	0.0026	0.0120	0.6150	0.6394	3.39E-19	0.8187
rs10853981	A	G	0.0148	-0.0069	0.0027	0.0131	0.3304	0.2698	4.88E-08	0.5962
rs10873871	G	A	0.0175	-0.0120	0.0031	0.0144	0.2070	0.2025	2.82E-08	0.4049
rs10885480	C	T	-0.0187	0.0168	0.0028	0.0126	0.2840	0.3020	3.83E-11	0.1829
rs10905461	C	T	-0.0164	-0.0085	0.0029	0.0158	0.7480	0.8409	2.36E-08	0.5913
rs10914684	A	G	-0.0158	0.0208	0.0027	0.0122	0.3240	0.3351	6.32E-09	0.0892
rs10935779	T	C	-0.0143	-0.0207	0.0026	0.0116	0.4150	0.4512	2.95E-08	0.0751
rs10939239	C	T	-0.0176	0.0115	0.0029	0.0126	0.2670	0.6964	1.06E-09	0.3598
rs10945141	A	G	0.0181	-0.0072	0.0029	0.0136	0.2630	0.2375	3.59E-10	0.5978

rs10953957	A	G	0.0144	0.0009	0.0026	0.0118	0.3860	0.4002	3.66E-08	0.9411
rs10966092	C	T	-0.0205	-0.0155	0.0029	0.0123	0.2670	0.3332	1.12E-12	0.2077
rs11057005	G	A	-0.0157	0.0077	0.0026	0.0117	0.4410	0.5448	9.12E-10	0.5099
rs1106363	T	C	0.0174	0.0009	0.0027	0.0117	0.3446	0.4341	9.20E-11	0.9417
rs11076962	C	T	0.0183	0.0208	0.0028	0.0134	0.2790	0.2473	1.20E-10	0.1205
rs1109480	A	G	-0.0167	0.0066	0.0026	0.0122	0.3840	0.3546	1.84E-10	0.5889
rs11162019	T	C	-0.0155	0.0113	0.0026	0.0125	0.3630	0.3140	5.06E-09	0.3656
rs1116690	G	A	0.0163	0.0048	0.0029	0.0136	0.7420	0.7610	2.16E-08	0.7248
rs11192347	A	G	-0.0265	0.0028	0.0043	0.0224	0.1040	0.0711	6.15E-10	0.8997
rs11258417	T	C	-0.0145	-0.0033	0.0026	0.0125	0.3910	0.3202	2.71E-08	0.7920
rs1126757	T	C	0.0142	-0.0039	0.0026	0.0117	0.4730	0.5655	2.92E-08	0.7366
rs112725451	T	C	0.0261	0.0250	0.0034	0.0148	0.1690	0.1903	1.65E-14	0.0906
rs113230003	A	G	-0.0189	-0.0057	0.0029	0.0142	0.2550	0.2113	1.05E-10	0.6892
rs1139897	A	G	-0.0241	-0.0078	0.0030	0.0121	0.2300	0.3526	1.77E-15	0.5216
rs1150668	G	T	-0.0185	0.0056	0.0026	0.0120	0.4190	0.4626	8.54E-13	0.6440
rs11594623	C	T	0.0274	-0.0227	0.0030	0.0138	0.2342	0.2329	7.45E-20	0.0994
rs11611651	A	G	0.0271	-0.0171	0.0045	0.0275	0.0868	0.0471	2.05E-09	0.5338
rs11642231	A	G	-0.0156	0.0012	0.0026	0.0117	0.3690	0.4441	3.44E-09	0.9166
rs11651955	A	G	-0.0140	0.0145	0.0025	0.0116	0.4990	0.4880	3.74E-08	0.2093
rs11692435	A	G	0.0251	0.0036	0.0046	0.0138	0.0848	0.2331	4.47E-08	0.7958
rs11713899	C	A	0.0187	0.0105	0.0034	0.0157	0.1710	0.1623	3.15E-08	0.5047
rs1173461	T	C	0.0166	-0.0023	0.0027	0.0124	0.3270	0.3180	9.51E-10	0.8525
rs117657830	G	A	-0.0378	0.0124	0.0064	0.0452	0.0417	0.0166	3.18E-09	0.7831
rs11766326	C	T	-0.0175	-0.0191	0.0026	0.0116	0.5060	0.5332	1.79E-11	0.1001
rs11783093	T	C	-0.0471	-0.0021	0.0035	0.0175	0.1580	0.1250	2.07E-41	0.9039

rs11791671	T	C	0.0279	0.0814	0.0051	0.0339	0.0673	0.0303	4.24E-08	0.0163
rs118202	T	G	-0.0367	-0.0075	0.0033	0.0128	0.8120	0.7114	1.90E-29	0.5590
rs11872397	A	G	-0.0171	-0.0249	0.0029	0.0140	0.2530	0.2206	5.20E-09	0.0743
rs1187820	T	C	-0.0143	-0.0105	0.0026	0.0120	0.4390	0.3823	2.69E-08	0.3797
rs11956866	G	T	-0.0148	-0.0073	0.0026	0.0117	0.5670	0.4728	7.82E-09	0.5295
rs12022778	C	A	0.0268	0.0307	0.0032	0.0146	0.2020	0.1968	3.18E-17	0.0352
rs12130857	A	G	-0.0180	-0.0050	0.0027	0.0128	0.3250	0.2861	3.65E-11	0.6963
rs12195240	A	G	0.0249	0.0130	0.0028	0.0123	0.2850	0.3308	1.08E-18	0.2891
rs12474587	T	G	0.0242	0.0084	0.0026	0.0122	0.4290	0.3474	4.83E-21	0.4877
rs12517438	G	T	0.0154	-0.0132	0.0026	0.0116	0.5380	0.4995	1.89E-09	0.2547
rs12563365	A	G	0.0166	-0.0114	0.0026	0.0116	0.5560	0.5544	1.05E-10	0.3250
rs12714017	C	T	0.0154	-0.0102	0.0026	0.0116	0.5110	0.4440	3.65E-09	0.3795
rs12739243	C	T	-0.0213	-0.0165	0.0031	0.0127	0.2210	0.2948	4.45E-12	0.1914
rs12740789	A	G	-0.0285	-0.0094	0.0033	0.0167	0.1780	0.1396	1.18E-17	0.5744
rs12755632	G	A	-0.0154	0.0042	0.0027	0.0122	0.3160	0.3427	1.93E-08	0.7291
rs12855717	T	C	0.0155	-0.0288	0.0026	0.0117	0.5380	0.5662	1.22E-09	0.0140
rs12878369	A	C	0.0174	-0.0230	0.0026	0.0126	0.4148	0.3022	1.60E-11	0.0692
rs12918191	G	A	-0.0197	0.0122	0.0030	0.0151	0.2430	0.1773	3.14E-11	0.4194
rs1291821	G	A	0.0145	0.0054	0.0026	0.0116	0.5340	0.5337	1.39E-08	0.6428
rs13007361	A	G	0.0175	0.0223	0.0031	0.0193	0.2080	0.0995	2.29E-08	0.2493
rs13066050	T	C	0.0188	-0.0187	0.0031	0.0150	0.2080	0.1801	1.93E-09	0.2128
rs13109980	A	G	-0.0222	-0.0276	0.0027	0.0122	0.3260	0.3397	3.37E-16	0.0235
rs13110073	C	T	-0.0246	-0.0078	0.0026	0.0117	0.3950	0.4226	3.24E-21	0.5049
rs13261666	T	G	-0.0200	-0.0234	0.0025	0.0116	0.5170	0.5480	4.36E-15	0.0440
rs1329967	A	G	0.0182	0.0012	0.0028	0.0125	0.2970	0.6953	6.54E-11	0.9234

rs13392222	C	A	-0.0234	0.0138	0.0037	0.0147	0.1390	0.1895	1.93E-10	0.3476
rs13437771	G	A	-0.0271	-0.0180	0.0035	0.0138	0.1550	0.2232	1.39E-14	0.1939
rs1373178	G	T	-0.0203	-0.0190	0.0026	0.0120	0.5880	0.6295	4.16E-15	0.1118
rs1381287	T	C	0.0180	0.0025	0.0026	0.0116	0.4670	0.4928	1.81E-12	0.8255
rs1381775	C	T	-0.0156	-0.0037	0.0028	0.0129	0.7120	0.7231	2.79E-08	0.7718
rs1385108	T	C	0.0187	-0.0145	0.0030	0.0128	0.2390	0.2839	3.84E-10	0.2579
rs13906	T	C	-0.0245	-0.0177	0.0041	0.0169	0.1090	0.1364	1.98E-09	0.2949
rs1435479	T	G	0.0164	-0.0110	0.0028	0.0125	0.2875	0.3062	5.68E-09	0.3812
rs1435672	C	T	0.0141	0.0098	0.0026	0.0119	0.5600	0.6216	3.82E-08	0.4085
rs1445649	C	T	0.0206	0.0091	0.0026	0.0116	0.5380	0.5098	8.48E-16	0.4329
rs1449012	T	C	-0.0154	-0.0159	0.0026	0.0120	0.4630	0.3690	1.77E-09	0.1845
rs147052174	T	G	0.0623	-0.0907	0.0098	0.0610	0.0171	0.0091	2.30E-10	0.1368
rs1514176	A	G	-0.0193	0.0108	0.0026	0.0116	0.5800	0.5283	7.67E-14	0.3476
rs1549979	T	C	-0.0245	0.0146	0.0026	0.0127	0.6150	0.7080	8.80E-21	0.2499
rs160631	G	T	-0.0173	-0.0029	0.0029	0.0128	0.7310	0.7123	1.87E-09	0.8186
rs1632941	C	T	-0.0158	-0.0191	0.0026	0.0125	0.4600	0.3594	6.67E-10	0.1264
rs16826827	C	T	-0.0222	-0.0387	0.0039	0.0184	0.1240	0.1105	9.17E-09	0.0355
rs16828799	T	G	0.0198	-0.0064	0.0035	0.0161	0.1560	0.1517	1.83E-08	0.6912
rs17089998	A	G	-0.0272	0.0245	0.0040	0.0174	0.1130	0.8697	1.36E-11	0.1574
rs1713676	G	A	-0.0167	-0.0010	0.0026	0.0117	0.5225	0.5592	5.38E-11	0.9306
rs1714521	C	A	-0.0163	0.0202	0.0026	0.0117	0.4110	0.4352	3.07E-10	0.0841
rs17165769	G	A	0.0159	-0.0157	0.0026	0.0117	0.3949	0.4132	9.56E-10	0.1803
rs17197663	A	G	-0.0216	0.0008	0.0039	0.0205	0.1250	0.0865	2.06E-08	0.9676
rs17229285	T	C	-0.0155	0.0129	0.0025	0.0116	0.5050	0.4530	1.27E-09	0.2676
rs1733760	C	T	0.0148	-0.0054	0.0025	0.0116	0.5100	0.4545	6.70E-09	0.6398

rs1759433	A	G	0.0154	-0.0047	0.0026	0.0115	0.4800	0.5163	1.69E-09	0.6830
rs17616642	G	A	-0.0166	0.0327	0.0030	0.0147	0.2469	0.1928	2.10E-08	0.0267
rs17692129	T	C	0.0196	-0.0079	0.0027	0.0117	0.3310	0.4599	4.57E-13	0.4967
rs1772572	A	C	-0.0169	0.0138	0.0027	0.0122	0.3241	0.3442	5.62E-10	0.2576
rs1799068	T	G	0.0166	-0.0083	0.0026	0.0118	0.3790	0.4003	2.59E-10	0.4819
rs1863161	A	G	0.0153	-0.0209	0.0026	0.0123	0.5609	0.6721	2.34E-09	0.0898
rs1889571	G	T	0.0222	0.0122	0.0038	0.0155	0.1310	0.1701	4.19E-09	0.4301
rs1901477	G	A	0.0304	-0.0093	0.0026	0.0116	0.5110	0.4942	2.07E-31	0.4194
rs1927901	C	T	-0.0142	0.0156	0.0026	0.0116	0.5530	0.5439	3.10E-08	0.1782
rs1930371	T	C	-0.0172	-0.0151	0.0030	0.0151	0.2410	0.1794	7.09E-09	0.3173
rs2010921	A	G	0.0174	0.0062	0.0028	0.0122	0.3110	0.3495	2.47E-10	0.6091
rs2028269	A	G	0.0162	0.0025	0.0026	0.0121	0.3990	0.3556	5.19E-10	0.8361
rs2063976	T	C	-0.0202	-0.0098	0.0027	0.0118	0.6650	0.5992	7.45E-14	0.4071
rs2155646	C	T	0.0378	-0.0012	0.0026	0.0120	0.4000	0.6268	9.44E-48	0.9222
rs221988	C	A	-0.0149	-0.0006	0.0026	0.0117	0.3840	0.4503	1.43E-08	0.9572
rs2276825	C	T	0.0189	-0.0117	0.0030	0.0130	0.2450	0.2748	1.89E-10	0.3687
rs2279829	T	C	-0.0174	0.0258	0.0031	0.0128	0.2160	0.2887	2.05E-08	0.0432
rs2289791	T	G	-0.0177	-0.0021	0.0030	0.0143	0.2470	0.2097	2.01E-09	0.8856
rs2319545	A	C	0.0232	0.0117	0.0036	0.0155	0.1491	0.1673	8.30E-11	0.4514
rs2344976	C	T	-0.0151	0.0231	0.0026	0.0122	0.6120	0.6553	7.98E-09	0.0577
rs2378662	A	G	0.0152	-0.0048	0.0026	0.0117	0.5410	0.5641	2.67E-09	0.6810
rs238896	A	G	-0.0169	-0.0131	0.0025	0.0116	0.4900	0.4822	3.65E-11	0.2591
rs2539706	A	G	0.0162	0.0115	0.0026	0.0116	0.5299	0.5376	1.95E-10	0.3213
rs2587507	C	T	-0.0147	0.0071	0.0025	0.0116	0.5020	0.5125	8.69E-09	0.5380
rs2710634	C	T	-0.0178	0.0220	0.0026	0.0116	0.5210	0.5377	3.36E-12	0.0578

rs2734390	G	A	0.0148	-0.0042	0.0026	0.0131	0.3720	0.2698	2.09E-08	0.7488
rs2796793	A	G	0.0145	0.0229	0.0026	0.0118	0.4520	0.4362	1.55E-08	0.0516
rs281296	A	G	0.0247	0.0061	0.0027	0.0124	0.3570	0.3250	1.59E-20	0.6235
rs28441558	C	T	-0.0356	0.0567	0.0055	0.0242	0.0563	0.0609	1.24E-10	0.0190
rs2901785	A	G	-0.0173	-0.0030	0.0026	0.0116	0.4460	0.4384	1.47E-11	0.7938
rs290601	T	C	0.0163	0.0173	0.0029	0.0127	0.2740	0.2881	1.14E-08	0.1734
rs2925128	T	C	0.0168	-0.0052	0.0027	0.0116	0.3852	0.4500	3.67E-10	0.6548
rs2939756	A	G	-0.0157	-0.0045	0.0026	0.0116	0.4800	0.5111	7.45E-10	0.6982
rs2959084	A	G	0.0171	-0.0037	0.0028	0.0124	0.7047	0.6780	9.82E-10	0.7672
rs301807	G	A	0.0180	0.0396	0.0026	0.0122	0.5700	0.6541	2.50E-12	0.0012
rs3115418	C	T	-0.0142	-0.0054	0.0026	0.0116	0.4540	0.5112	2.79E-08	0.6404
rs3172494	T	G	-0.0291	-0.0175	0.0040	0.0142	0.1150	0.2161	3.40E-13	0.2171
rs3218116	T	C	-0.0198	0.0021	0.0029	0.0135	0.2560	0.2412	1.05E-11	0.8775
rs329124	G	A	-0.0164	-0.0027	0.0026	0.0117	0.4280	0.4228	1.96E-10	0.8177
rs34342129	C	T	-0.0143	0.0171	0.0025	0.0116	0.5090	0.4804	2.13E-08	0.1402
rs34399632	G	A	0.0194	-0.0199	0.0030	0.0137	0.2320	0.2315	1.46E-10	0.1477
rs34553878	G	A	0.0247	-0.0083	0.0041	0.0208	0.1110	0.0839	1.17E-09	0.6907
rs34940743	G	A	0.0159	0.0191	0.0027	0.0121	0.3460	0.3596	2.80E-09	0.1149
rs35656245	A	G	0.0159	-0.0197	0.0029	0.0131	0.2760	0.2640	2.23E-08	0.1334
rs357304	C	T	0.0167	0.0025	0.0029	0.0132	0.7270	0.7400	5.40E-09	0.8492
rs359431	T	C	-0.0142	-0.0074	0.0026	0.0116	0.5600	0.5278	3.16E-08	0.5207
rs3740977	C	T	0.0195	0.0270	0.0034	0.0175	0.1670	0.1246	1.17E-08	0.1223
rs3800227	G	A	0.0172	0.0336	0.0029	0.0124	0.7420	0.6794	3.64E-09	0.0068
rs3810496	C	T	0.0159	0.0015	0.0026	0.0118	0.6194	0.6100	1.54E-09	0.8970
rs3811038	C	T	0.0191	-0.0040	0.0028	0.0138	0.2790	0.2301	1.58E-11	0.7725

rs3820277	T	G	-0.0188	0.0124	0.0026	0.0116	0.5260	0.5144	1.57E-13	0.2844
rs3843905	T	C	-0.0151	-0.0113	0.0026	0.0116	0.4030	0.4452	5.41E-09	0.3290
rs3847244	T	C	0.0187	0.0151	0.0026	0.0119	0.4700	0.3946	2.60E-13	0.2030
rs3909281	G	T	0.0211	0.0086	0.0026	0.0116	0.5360	0.4635	1.62E-16	0.4609
rs3934797	A	G	-0.0213	-0.0077	0.0033	0.0160	0.1820	0.1567	1.12E-10	0.6302
rs4044321	G	A	-0.0226	-0.0132	0.0027	0.0122	0.6440	0.6613	1.75E-17	0.2808
rs42417	T	C	0.0169	-0.0031	0.0028	0.0116	0.6910	0.5281	8.27E-10	0.7917
rs4264267	T	C	0.0148	0.0095	0.0026	0.0117	0.5270	0.5659	6.82E-09	0.4141
rs4476253	A	G	-0.0185	-0.0015	0.0030	0.0140	0.2400	0.2199	5.78E-10	0.9144
rs4674916	A	C	-0.0180	-0.0177	0.0027	0.0126	0.3277	0.3050	3.06E-11	0.1582
rs4674993	G	A	-0.0240	-0.0058	0.0032	0.0152	0.2000	0.1742	4.85E-14	0.7022
rs4727189	C	T	0.0149	0.0036	0.0027	0.0123	0.3440	0.3254	3.00E-08	0.7684
rs4752018	A	C	0.0189	0.0249	0.0030	0.0147	0.2310	0.1929	4.42E-10	0.0894
rs4759229	G	A	0.0156	-0.0152	0.0027	0.0123	0.6560	0.6721	6.53E-09	0.2162
rs4785187	A	G	0.0200	0.0041	0.0031	0.0127	0.2230	0.2932	6.55E-11	0.7484
rs4788676	C	T	-0.0177	-0.0177	0.0030	0.0161	0.2285	0.1518	4.92E-09	0.2717
rs4790874	T	C	0.0174	0.0287	0.0026	0.0116	0.5320	0.5023	8.43E-12	0.0137
rs4818005	A	G	-0.0204	-0.0150	0.0026	0.0125	0.5810	0.6895	1.09E-14	0.2312
rs4822102	T	C	-0.0165	-0.0086	0.0026	0.0116	0.6180	0.4956	2.78E-10	0.4555
rs4837631	T	C	-0.0154	0.0019	0.0026	0.0116	0.4460	0.4540	2.03E-09	0.8713
rs4877285	A	G	-0.0181	0.0075	0.0027	0.0124	0.6682	0.6707	2.10E-11	0.5420
rs4886207	C	T	-0.0162	-0.0180	0.0026	0.0116	0.6370	0.5674	8.78E-10	0.1227
rs4912332	T	C	0.0141	0.0213	0.0025	0.0116	0.4910	0.5444	2.94E-08	0.0660
rs540860	G	A	0.0176	-0.0223	0.0026	0.0117	0.5430	0.5479	5.75E-12	0.0562
rs55786907	G	A	0.0194	0.0127	0.0035	0.0149	0.1625	0.1864	1.84E-08	0.3928

rs55913542	T	G	0.0186	0.0011	0.0034	0.0148	0.1750	0.1902	3.25E-08	0.9423
rs56208390	G	A	0.0216	0.0150	0.0039	0.0168	0.1230	0.1397	2.68E-08	0.3717
rs56902655	G	T	-0.0219	-0.0119	0.0037	0.0155	0.1360	0.1653	4.09E-09	0.4416
rs58400863	A	G	-0.0202	0.0228	0.0027	0.0121	0.3470	0.3536	4.89E-14	0.0595
rs586699	A	G	-0.0148	-0.0078	0.0026	0.0117	0.5430	0.5691	7.29E-09	0.5027
rs59537158	T	C	0.0225	0.0048	0.0031	0.0152	0.2140	0.1765	4.62E-13	0.7532
rs6011779	T	C	-0.0192	-0.0211	0.0032	0.0135	0.8060	0.7566	2.83E-09	0.1180
rs6050446	G	A	0.0544	0.0036	0.0076	0.0384	0.9710	0.9769	8.80E-13	0.9263
rs60833441	G	A	-0.0143	-0.0077	0.0026	0.0116	0.4610	0.4647	2.28E-08	0.5040
rs61533748	C	T	0.0174	0.0008	0.0026	0.0117	0.3840	0.4405	2.82E-11	0.9439
rs61884449	T	C	0.0200	-0.0061	0.0036	0.0141	0.1492	0.2168	2.32E-08	0.6669
rs61886926	T	C	-0.0179	-0.0158	0.0026	0.0117	0.3840	0.4215	7.30E-12	0.1775
rs619087	G	A	0.0143	-0.0028	0.0026	0.0116	0.4220	0.5245	3.10E-08	0.8095
rs61959481	A	G	-0.0203	0.0102	0.0031	0.0151	0.2100	0.1787	7.95E-11	0.4991
rs62007780	T	G	-0.0159	-0.0066	0.0026	0.0119	0.4160	0.3939	7.48E-10	0.5807
rs62098013	A	G	0.0177	0.0137	0.0026	0.0121	0.3653	0.3520	2.24E-11	0.2604
rs62106258	C	T	-0.0455	-0.0135	0.0060	0.0411	0.0473	0.0205	3.33E-14	0.7425
rs62137126	G	A	-0.0237	0.0386	0.0039	0.0188	0.1211	0.1046	1.31E-09	0.0404
rs62180324	A	G	-0.0195	-0.0006	0.0031	0.0160	0.2120	0.1544	3.91E-10	0.9680
rs62193862	A	G	0.0238	0.0269	0.0042	0.0177	0.0999	0.1239	1.99E-08	0.1276
rs62246017	A	G	-0.0162	-0.0259	0.0027	0.0130	0.3226	0.2778	3.03E-09	0.0464
rs62618693	T	C	-0.0353	0.0226	0.0063	0.0364	0.0428	0.0260	2.09E-08	0.5350
rs6265	T	C	-0.0293	-0.0144	0.0033	0.0160	0.1880	0.1545	2.81E-19	0.3672
rs6414945	T	C	-0.0269	0.0104	0.0026	0.0116	0.4740	0.4682	4.69E-26	0.3703
rs6437769	T	C	0.0142	0.0276	0.0026	0.0116	0.5810	0.5094	3.74E-08	0.0170

rs6438436	T	C	0.0247	0.0081	0.0033	0.0135	0.8160	0.7567	5.33E-14	0.5476
rs644740	T	C	-0.0141	-0.0177	0.0026	0.0118	0.4570	0.3961	3.67E-08	0.1347
rs6497840	A	G	0.0228	-0.0119	0.0029	0.0133	0.7070	0.7436	2.01E-15	0.3675
rs6568832	A	G	0.0189	0.0172	0.0030	0.0130	0.7539	0.7289	1.74E-10	0.1867
rs67050670	G	A	-0.0203	0.0091	0.0030	0.0144	0.2290	0.2043	2.34E-11	0.5288
rs6731872	G	T	0.0316	-0.0132	0.0034	0.0156	0.8260	0.8357	5.35E-21	0.3971
rs6750107	A	G	0.0146	-0.0135	0.0026	0.0116	0.3869	0.4508	2.60E-08	0.2454
rs6750529	T	C	0.0199	0.0086	0.0029	0.0133	0.7440	0.7450	9.26E-12	0.5205
rs6756212	T	C	-0.0339	0.0074	0.0026	0.0117	0.5350	0.4388	3.49E-40	0.5234
rs67777803	T	G	-0.0246	-0.0080	0.0034	0.0155	0.1720	0.1668	3.18E-13	0.6052
rs6782116	T	C	-0.0147	0.0180	0.0026	0.0125	0.4150	0.3160	1.46E-08	0.1489
rs6874731	G	T	0.0153	0.0137	0.0025	0.0117	0.4840	0.4644	1.83E-09	0.2414
rs6890961	T	C	-0.0193	0.0026	0.0026	0.0122	0.6240	0.6374	2.13E-13	0.8307
rs6936160	T	C	0.0201	0.0293	0.0028	0.0125	0.6980	0.6900	4.20E-13	0.0194
rs6968380	A	G	-0.0234	0.0073	0.0027	0.0120	0.6810	0.6292	1.05E-17	0.5449
rs6986430	C	T	-0.0243	0.0066	0.0031	0.0146	0.2224	0.1938	1.99E-15	0.6528
rs7024924	C	T	0.0189	-0.0125	0.0034	0.0153	0.1740	0.1724	1.90E-08	0.4146
rs7026534	G	T	-0.0166	0.0032	0.0028	0.0131	0.7038	0.7350	2.68E-09	0.8092
rs7072776	G	A	-0.0220	-0.0270	0.0028	0.0136	0.7120	0.7627	5.66E-15	0.0471
rs7134009	C	T	-0.0158	0.0052	0.0029	0.0121	0.2870	0.3577	4.30E-08	0.6642
rs71367544	T	C	0.0206	-0.0141	0.0032	0.0140	0.2030	0.2195	8.54E-11	0.3154
rs71592686	C	T	0.0207	-0.0089	0.0029	0.0129	0.2740	0.2795	3.85E-13	0.4903
rs71602617	T	C	-0.0178	0.0095	0.0032	0.0126	0.2160	0.2965	2.10E-08	0.4507
rs7188873	G	A	0.0203	-0.0082	0.0026	0.0120	0.6130	0.6304	8.46E-15	0.4911
rs7192140	C	T	-0.0169	-0.0150	0.0025	0.0117	0.4980	0.4210	3.40E-11	0.2003

rs72780746	C	T	-0.0258	-0.0144	0.0034	0.0161	0.1730	0.1534	2.05E-14	0.3707
rs72790288	A	G	-0.0455	-0.0375	0.0077	0.0437	0.0282	0.0183	3.28E-09	0.3903
rs72898831	G	A	-0.0244	0.0080	0.0035	0.0171	0.1550	0.1341	4.14E-12	0.6376
rs73008357	C	A	-0.0223	-0.0115	0.0040	0.0184	0.1210	0.1115	2.44E-08	0.5303
rs7333559	A	G	-0.0232	-0.0073	0.0031	0.0156	0.7830	0.8358	5.94E-14	0.6384
rs73831818	G	A	0.0320	0.0160	0.0055	0.0307	0.0570	0.0369	5.46E-09	0.6026
rs748832	G	A	0.0172	0.0230	0.0026	0.0120	0.3710	0.3653	6.60E-11	0.0556
rs7505855	T	C	-0.0170	0.0102	0.0026	0.0117	0.5860	0.5764	5.31E-11	0.3844
rs75674569	A	G	-0.0253	-0.0017	0.0043	0.0244	0.0997	0.0592	2.58E-09	0.9438
rs75919030	C	T	-0.0210	-0.0073	0.0029	0.0132	0.2670	0.2589	3.35E-13	0.5790
rs7600835	A	G	-0.0151	-0.0131	0.0027	0.0130	0.3420	0.2801	1.80E-08	0.3140
rs7631379	C	T	0.0208	0.0909	0.0032	0.0161	0.2060	0.1543	3.94E-11	0.0000
rs7640107	T	C	-0.0142	-0.0040	0.0026	0.0116	0.4308	0.4788	3.46E-08	0.7274
rs7657022	G	A	0.0183	0.0135	0.0025	0.0116	0.4890	0.5090	7.34E-13	0.2426
rs76608582	A	C	-0.0345	0.0305	0.0059	0.0250	0.0489	0.0580	4.88E-09	0.2236
rs7696257	A	G	0.0153	0.0198	0.0026	0.0117	0.3660	0.4198	6.78E-09	0.0909
rs77283305	A	G	-0.0152	-0.0100	0.0028	0.0129	0.3058	0.2769	3.91E-08	0.4377
rs7743165	G	T	0.0193	-0.0082	0.0025	0.0116	0.4950	0.4650	4.15E-14	0.4778
rs7802996	T	C	-0.0209	0.0086	0.0034	0.0195	0.1660	0.0977	1.06E-09	0.6589
rs7809303	A	G	-0.0214	-0.0213	0.0027	0.0122	0.3250	0.3371	3.48E-15	0.0808
rs7836565	T	C	-0.0155	-0.0098	0.0028	0.0126	0.7180	0.7001	4.36E-08	0.4378
rs7867822	G	A	-0.0151	-0.0012	0.0027	0.0127	0.6730	0.7027	2.76E-08	0.9249
rs7929518	G	A	0.0192	-0.0023	0.0030	0.0132	0.7730	0.7427	2.55E-10	0.8593
rs7943721	A	G	-0.0212	0.0223	0.0034	0.0160	0.8290	0.8444	3.58E-10	0.1653
rs7969559	G	A	-0.0170	-0.0188	0.0028	0.0121	0.7130	0.6454	1.53E-09	0.1208

rs8005334	G	T	0.0167	0.0012	0.0027	0.0137	0.3600	0.2353	3.44E-10	0.9277
rs8027457	C	T	0.0153	0.0206	0.0025	0.0116	0.5110	0.5218	1.88E-09	0.0754
rs8050598	T	C	0.0187	0.0262	0.0029	0.0140	0.2541	0.2254	1.76E-10	0.0616
rs8096225	C	A	0.0155	-0.0106	0.0028	0.0135	0.7030	0.7569	2.63E-08	0.4312
rs8103660	C	T	0.0158	0.0131	0.0027	0.0118	0.3544	0.3930	3.03E-09	0.2655
rs876793	C	T	-0.0179	0.0009	0.0027	0.0131	0.3493	0.2715	5.69E-11	0.9472
rs910912	C	T	-0.0168	-0.0106	0.0029	0.0135	0.7390	0.7554	7.82E-09	0.4299
rs925524	G	A	0.0156	0.0133	0.0028	0.0132	0.7100	0.7401	2.94E-08	0.3150
rs9288999	A	G	0.0174	0.0034	0.0029	0.0127	0.7350	0.7065	1.50E-09	0.7887
rs9302604	G	A	0.0187	0.0076	0.0026	0.0118	0.4350	0.4244	3.29E-13	0.5180
rs9323328	G	A	-0.0142	-0.0195	0.0026	0.0116	0.5370	0.4654	2.55E-08	0.0925
rs9331343	C	T	-0.0141	-0.0094	0.0026	0.0118	0.5680	0.5647	3.90E-08	0.4253
rs951740	A	G	0.0295	-0.0015	0.0026	0.0119	0.6250	0.6084	3.82E-29	0.8976
rs9538162	C	T	0.0174	-0.0115	0.0026	0.0118	0.4159	0.4004	1.76E-11	0.3299
rs9540731	T	C	-0.0177	-0.0031	0.0025	0.0116	0.5090	0.4591	3.42E-12	0.7897
rs9545155	C	T	-0.0161	0.0194	0.0026	0.0116	0.4780	0.4750	3.04E-10	0.0950
rs9687000	C	T	0.0167	0.0007	0.0027	0.0121	0.6810	0.3533	9.41E-10	0.9550
rs9826984	A	G	-0.0141	-0.0114	0.0026	0.0115	0.5420	0.5022	3.87E-08	0.3218
rs9841807	T	C	0.0163	-0.0020	0.0029	0.0123	0.2730	0.3367	1.35E-08	0.8695
rs9850597	A	G	-0.0186	-0.0070	0.0033	0.0138	0.8160	0.7690	1.65E-08	0.6095
rs9922607	T	C	-0.0222	-0.0133	0.0032	0.0215	0.2000	0.0791	3.42E-12	0.5365
rs9987376	G	T	-0.0205	0.0094	0.0026	0.0121	0.5743	0.6422	2.01E-15	0.4336

Smoking initiation_GSCAN minus 23andMe

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs1004787	A	G	0.0299	-0.0079	0.0036	0.0119	0.5810	0.6252	5.27E-17	0.5075
rs10060196	A	C	0.0152	0.0102	0.0036	0.0119	0.5900	0.6267	2.46E-05	0.3939
rs1008078	T	C	0.0222	0.0059	0.0036	0.0117	0.4140	0.5662	8.61E-10	0.6138
rs1022376	C	T	-0.0130	-0.0201	0.0037	0.0116	0.5050	0.5333	0.000468	0.0837
rs10233018	G	A	0.0271	-0.0113	0.0036	0.0118	0.5030	0.5978	2.75E-14	0.3392
rs10272990	C	T	-0.0240	-0.0133	0.0038	0.0128	0.3270	0.2840	1.86E-10	0.2998
rs10279261	A	G	-0.0214	0.0160	0.0037	0.0121	0.6190	0.6409	5.00E-09	0.1849
rs1030015	T	G	0.0183	0.0139	0.0036	0.0116	0.5240	0.4933	2.72E-07	0.2289
rs10446419	G	A	-0.0187	0.0129	0.0044	0.0141	0.2120	0.2163	1.96E-05	0.3607
rs10490159	T	C	0.0216	0.0098	0.0036	0.0120	0.3880	0.3681	2.59E-09	0.4167
rs1050847	T	C	-0.0216	0.0092	0.0036	0.0116	0.5050	0.5075	1.67E-09	0.4264
rs10698713	A	G	-0.0425	0.0534	0.0079	0.0439	0.0545	0.0180	8.29E-08	0.2246
rs10789369	G	A	-0.0244	0.0028	0.0037	0.0120	0.6060	0.6394	3.23E-11	0.8187
rs10853981	A	G	0.0144	-0.0069	0.0038	0.0131	0.3250	0.2698	0.000123	0.5962
rs10873871	G	A	0.0207	-0.0120	0.0043	0.0144	0.1910	0.2025	1.90E-06	0.4049
rs10885480	C	T	-0.0162	0.0168	0.0039	0.0126	0.2690	0.3020	3.53E-05	0.1829
rs10905461	C	T	-0.0240	-0.0085	0.0041	0.0158	0.7180	0.8409	7.35E-09	0.5913
rs10914684	A	G	-0.0183	0.0208	0.0038	0.0122	0.3380	0.3351	1.58E-06	0.0892
rs10935779	T	C	-0.0146	-0.0207	0.0036	0.0116	0.4220	0.4512	4.91E-05	0.0751
rs10939239	C	T	-0.0150	0.0115	0.0040	0.0126	0.2600	0.6964	0.000167	0.3598
rs10945141	A	G	0.0222	-0.0072	0.0041	0.0136	0.2620	0.2375	4.18E-08	0.5978
rs10953957	A	G	0.0185	0.0009	0.0037	0.0118	0.3920	0.4002	4.72E-07	0.9411
rs10966092	C	T	-0.0174	-0.0155	0.0040	0.0123	0.2620	0.3332	1.43E-05	0.2077

rs11057005	G	A	-0.0209	0.0077	0.0036	0.0117	0.4300	0.5448	4.85E-09	0.5099
rs1106363	T	C	0.0136	0.0009	0.0038	0.0117	0.3520	0.4341	0.00029	0.9417
rs11076962	C	T	0.0189	0.0208	0.0040	0.0134	0.2830	0.2473	1.94E-06	0.1205
rs11078713	G	A	-0.0202	0.0472	0.0036	0.0117	0.4540	0.5344	2.23E-08	0.0001
rs1109480	A	G	-0.0188	0.0066	0.0037	0.0122	0.3820	0.3546	2.64E-07	0.5889
rs11162019	T	C	-0.0205	0.0113	0.0037	0.0125	0.3660	0.3140	3.09E-08	0.3656
rs1116690	G	A	0.0161	0.0048	0.0041	0.0136	0.7310	0.7610	7.82E-05	0.7248
rs11258417	T	C	-0.0160	-0.0033	0.0036	0.0125	0.3570	0.3202	9.83E-06	0.7920
rs1126757	T	C	0.0187	-0.0039	0.0036	0.0117	0.4690	0.5655	1.53E-07	0.7366
rs112725451	T	C	0.0271	0.0250	0.0048	0.0148	0.1750	0.1903	1.38E-08	0.0906
rs113230003	A	G	-0.0206	-0.0057	0.0041	0.0142	0.2490	0.2113	5.19E-07	0.6892
rs1139897	A	G	-0.0246	-0.0078	0.0042	0.0121	0.2350	0.3526	4.08E-09	0.5216
rs1150668	G	T	-0.0181	0.0056	0.0036	0.0120	0.4620	0.4626	5.55E-07	0.6440
rs11594623	C	T	0.0270	-0.0227	0.0042	0.0138	0.2280	0.2329	8.64E-11	0.0994
rs11611651	A	G	0.0339	-0.0171	0.0063	0.0275	0.0781	0.0471	8.02E-08	0.5338
rs11642231	A	G	-0.0142	0.0012	0.0036	0.0117	0.3510	0.4441	0.000104	0.9166
rs11651955	A	G	-0.0173	0.0145	0.0036	0.0116	0.4980	0.4880	1.14E-06	0.2093
rs11692435	A	G	0.0304	0.0036	0.0062	0.0138	0.0856	0.2331	8.71E-07	0.7958
rs11713899	C	A	0.0210	0.0105	0.0047	0.0157	0.1700	0.1623	9.48E-06	0.5047
rs1173461	T	C	0.0171	-0.0023	0.0038	0.0124	0.3260	0.3180	6.49E-06	0.8525
rs117657830	G	A	-0.0376	0.0124	0.0091	0.0452	0.0413	0.0166	3.65E-05	0.7831
rs11766326	C	T	-0.0172	-0.0191	0.0037	0.0116	0.4810	0.5332	4.13E-06	0.1001
rs11791671	T	C	0.0229	0.0814	0.0072	0.0339	0.0639	0.0303	0.00143	0.0163
rs118202	T	G	-0.0380	-0.0075	0.0045	0.0128	0.7840	0.7114	5.27E-17	0.5590
rs11872397	A	G	-0.0248	-0.0249	0.0041	0.0140	0.2520	0.2206	1.43E-09	0.0743

rs1187820	T	C	-0.0118	-0.0105	0.0036	0.0120	0.4300	0.3823	0.000976	0.3797
rs11956866	G	T	-0.0146	-0.0073	0.0036	0.0117	0.5470	0.4728	4.72E-05	0.5295
rs12022778	C	A	0.0259	0.0307	0.0044	0.0146	0.2030	0.1968	3.87E-09	0.0352
rs12130857	A	G	-0.0147	-0.0050	0.0038	0.0128	0.3270	0.2861	0.00011	0.6963
rs12195240	A	G	0.0274	0.0130	0.0040	0.0123	0.2830	0.3308	4.33E-12	0.2891
rs12474587	T	G	0.0276	0.0084	0.0036	0.0122	0.4040	0.3474	1.25E-14	0.4877
rs12517438	G	T	0.0189	-0.0132	0.0036	0.0116	0.4930	0.4995	1.10E-07	0.2547
rs12530388	C	A	-0.0207	0.0034	0.0036	0.0115	0.5150	0.5028	6.13E-09	0.7658
rs12563365	A	G	0.0168	-0.0114	0.0036	0.0116	0.5240	0.5544	2.83E-06	0.3250
rs12714017	C	T	0.0194	-0.0102	0.0037	0.0116	0.5000	0.4440	1.89E-07	0.3795
rs12739243	C	T	-0.0233	-0.0165	0.0043	0.0127	0.2130	0.2948	5.56E-08	0.1914
rs12740789	A	G	-0.0238	-0.0094	0.0045	0.0167	0.1680	0.1396	1.55E-07	0.5744
rs12755632	G	A	-0.0158	0.0042	0.0038	0.0122	0.3170	0.3427	3.50E-05	0.7291
rs12855717	T	C	0.0174	-0.0288	0.0036	0.0117	0.5480	0.5662	1.00E-06	0.0140
rs12878369	A	C	0.0182	-0.0230	0.0036	0.0126	0.4130	0.3022	4.83E-07	0.0692
rs12918191	G	A	-0.0194	0.0122	0.0042	0.0151	0.2380	0.1773	3.11E-06	0.4194
rs1291821	G	A	0.0159	0.0054	0.0036	0.0116	0.5670	0.5337	8.32E-06	0.6428
rs13007361	A	G	0.0223	0.0223	0.0045	0.0193	0.1990	0.0995	5.45E-07	0.2493
rs13066050	T	C	0.0158	-0.0187	0.0044	0.0150	0.2020	0.1801	0.000299	0.2128
rs13109980	A	G	-0.0244	-0.0276	0.0038	0.0122	0.3100	0.3397	9.99E-11	0.0235
rs13110073	C	T	-0.0250	-0.0078	0.0036	0.0117	0.4050	0.4226	7.25E-12	0.5049
rs13261666	T	G	-0.0269	-0.0234	0.0036	0.0116	0.5220	0.5480	3.90E-14	0.0440
rs1329967	A	G	0.0186	0.0012	0.0039	0.0125	0.2910	0.6953	1.46E-06	0.9234
rs13392222	C	A	-0.0221	0.0138	0.0051	0.0147	0.1300	0.1895	1.42E-05	0.3476
rs13437771	G	A	-0.0293	-0.0180	0.0049	0.0138	0.1960	0.2232	2.02E-09	0.1939

rs1373178	G	T	-0.0198	-0.0190	0.0036	0.0120	0.5940	0.6295	4.34E-08	0.1118
rs1381287	T	C	0.0188	0.0025	0.0036	0.0116	0.4790	0.4928	1.49E-07	0.8255
rs1381775	C	T	-0.0149	-0.0037	0.0039	0.0129	0.7080	0.7231	0.000155	0.7718
rs1385108	T	C	0.0247	-0.0145	0.0042	0.0128	0.2390	0.2839	3.00E-09	0.2579
rs13906	T	C	-0.0208	-0.0177	0.0057	0.0169	0.1180	0.1364	0.000272	0.2949
rs1435479	T	G	0.0161	-0.0110	0.0039	0.0125	0.2900	0.3062	4.00E-05	0.3812
rs1435672	C	T	0.0159	0.0098	0.0036	0.0119	0.5670	0.6216	8.55E-06	0.4085
rs1435741	A	G	0.0294	0.0177	0.0036	0.0119	0.4250	0.3748	2.64E-16	0.1382
rs1445649	C	T	0.0240	0.0091	0.0036	0.0116	0.5250	0.5098	1.68E-11	0.4329
rs1449012	T	C	-0.0168	-0.0159	0.0036	0.0120	0.4530	0.3690	2.29E-06	0.1845
rs147052174	T	G	0.0614	-0.0907	0.0136	0.0610	0.0126	0.0091	6.08E-06	0.1368
rs1514176	A	G	-0.0219	0.0108	0.0036	0.0116	0.5700	0.5283	1.25E-09	0.3476
rs1549979	T	C	-0.0309	0.0146	0.0037	0.0127	0.6120	0.7080	4.18E-17	0.2499
rs160631	G	T	-0.0229	-0.0029	0.0040	0.0128	0.7320	0.7123	1.11E-08	0.8186
rs1632941	C	T	-0.0107	-0.0191	0.0036	0.0125	0.4450	0.3594	0.00291	0.1264
rs16826827	C	T	-0.0198	-0.0387	0.0054	0.0184	0.1230	0.1105	0.000218	0.0355
rs16828799	T	G	0.0215	-0.0064	0.0048	0.0161	0.1480	0.1517	9.68E-06	0.6912
rs17089998	A	G	-0.0243	0.0245	0.0056	0.0174	0.1170	0.8697	1.41E-05	0.1574
rs1713676	G	A	-0.0128	-0.0010	0.0036	0.0117	0.5220	0.5592	0.00033	0.9306
rs1714521	C	A	-0.0195	0.0202	0.0036	0.0117	0.4020	0.4352	6.33E-08	0.0841
rs17165769	G	A	0.0170	-0.0157	0.0037	0.0117	0.3890	0.4132	3.08E-06	0.1803
rs17197663	A	G	-0.0158	0.0008	0.0053	0.0205	0.1210	0.0865	0.00309	0.9676
rs17229285	T	C	-0.0171	0.0129	0.0036	0.0116	0.4810	0.4530	1.47E-06	0.2676
rs1733760	C	T	0.0152	-0.0054	0.0036	0.0116	0.4920	0.4545	1.90E-05	0.6398
rs1759433	A	G	0.0179	-0.0047	0.0036	0.0115	0.4950	0.5163	5.10E-07	0.6830

rs17616642	G	A	-0.0184	0.0327	0.0041	0.0147	0.2400	0.1928	7.83E-06	0.0267
rs17692129	T	C	0.0198	-0.0079	0.0038	0.0117	0.3210	0.4599	1.32E-07	0.4967
rs1772572	A	C	-0.0150	0.0138	0.0038	0.0122	0.3290	0.3442	7.54E-05	0.2576
rs1799068	T	G	0.0161	-0.0083	0.0037	0.0118	0.3750	0.4003	1.05E-05	0.4819
rs1889571	G	T	0.0247	0.0122	0.0053	0.0155	0.1320	0.1701	2.89E-06	0.4301
rs1901477	G	A	0.0299	-0.0093	0.0037	0.0116	0.5240	0.4942	9.84E-16	0.4194
rs1927901	C	T	-0.0149	0.0156	0.0036	0.0116	0.5620	0.5439	3.06E-05	0.1782
rs1930371	T	C	-0.0175	-0.0151	0.0042	0.0151	0.2550	0.1794	2.53E-05	0.3173
rs2010921	A	G	0.0187	0.0062	0.0038	0.0122	0.3050	0.3495	1.07E-06	0.6091
rs2028269	A	G	0.0181	0.0025	0.0036	0.0121	0.4000	0.3556	5.79E-07	0.8361
rs2063976	T	C	-0.0186	-0.0098	0.0038	0.0118	0.6340	0.5992	6.63E-07	0.4071
rs2155646	C	T	0.0435	-0.0012	0.0036	0.0120	0.4250	0.6268	4.94E-33	0.9222
rs221988	C	A	-0.0151	-0.0006	0.0037	0.0117	0.3910	0.4503	3.43E-05	0.9572
rs2276825	C	T	0.0232	-0.0117	0.0042	0.0130	0.2520	0.2748	2.38E-08	0.3687
rs2279829	T	C	-0.0166	0.0258	0.0043	0.0128	0.2210	0.2887	0.000114	0.0432
rs2289791	T	G	-0.0187	-0.0021	0.0041	0.0143	0.2450	0.2097	5.70E-06	0.8856
rs2319545	A	C	0.0156	0.0117	0.0049	0.0155	0.1530	0.1673	0.00153	0.4514
rs2344976	C	T	-0.0206	0.0231	0.0037	0.0122	0.5990	0.6553	1.80E-08	0.0577
rs2378662	A	G	0.0209	-0.0048	0.0036	0.0117	0.5560	0.5641	4.16E-09	0.6810
rs238896	A	G	-0.0171	-0.0131	0.0036	0.0116	0.4980	0.4822	1.43E-06	0.2591
rs2587507	C	T	-0.0177	0.0071	0.0036	0.0116	0.5050	0.5125	6.21E-07	0.5380
rs2710634	C	T	-0.0182	0.0220	0.0036	0.0116	0.5050	0.5377	3.07E-07	0.0578
rs2734390	G	A	0.0127	-0.0042	0.0037	0.0131	0.3920	0.2698	0.000589	0.7488
rs2796793	A	G	0.0135	0.0229	0.0036	0.0118	0.4320	0.4362	0.000145	0.0516
rs2901785	A	G	-0.0156	-0.0030	0.0036	0.0116	0.4690	0.4384	1.28E-05	0.7938

rs290601	T	C	0.0143	0.0173	0.0040	0.0127	0.2890	0.2881	0.000331	0.1734
rs2925128	T	C	0.0150	-0.0052	0.0038	0.0116	0.3990	0.4500	9.80E-05	0.6548
rs2939756	A	G	-0.0177	-0.0045	0.0036	0.0116	0.4740	0.5111	7.13E-07	0.6982
rs2952251	G	A	0.0221	-0.0034	0.0043	0.0150	0.7540	0.7712	2.51E-07	0.8233
rs2959084	A	G	0.0134	-0.0037	0.0039	0.0124	0.6710	0.6780	0.000534	0.7672
rs301807	G	A	0.0215	0.0396	0.0036	0.0122	0.5550	0.6541	2.80E-09	0.0012
rs3115418	C	T	-0.0187	-0.0054	0.0036	0.0116	0.4700	0.5112	1.61E-07	0.6404
rs3218116	T	C	-0.0181	0.0021	0.0041	0.0135	0.2450	0.2412	9.02E-06	0.8775
rs329124	G	A	-0.0138	-0.0027	0.0036	0.0117	0.4310	0.4228	0.000123	0.8177
rs34342129	C	T	-0.0147	0.0171	0.0036	0.0116	0.4890	0.4804	3.39E-05	0.1402
rs34399632	G	A	0.0240	-0.0199	0.0041	0.0137	0.1890	0.2315	3.61E-09	0.1477
rs34553878	G	A	0.0273	-0.0083	0.0057	0.0208	0.1120	0.0839	1.94E-06	0.6907
rs34940743	G	A	0.0195	0.0191	0.0038	0.0121	0.3360	0.3596	2.15E-07	0.1149
rs35656245	A	G	0.0157	-0.0197	0.0040	0.0131	0.2800	0.2640	7.97E-05	0.1334
rs357304	C	T	0.0207	0.0025	0.0040	0.0132	0.7370	0.7400	2.66E-07	0.8492
rs359431	T	C	-0.0176	-0.0074	0.0036	0.0116	0.5670	0.5278	8.24E-07	0.5207
rs3740977	C	T	0.0197	0.0270	0.0048	0.0175	0.1600	0.1246	3.78E-05	0.1223
rs3800227	G	A	0.0228	0.0336	0.0041	0.0124	0.7010	0.6794	1.93E-08	0.0068
rs3810496	C	T	0.0161	0.0015	0.0037	0.0118	0.6190	0.6100	1.14E-05	0.8970
rs3811038	C	T	0.0190	-0.0040	0.0040	0.0138	0.2720	0.2301	1.58E-06	0.7725
rs3820277	T	G	-0.0177	0.0124	0.0036	0.0116	0.5280	0.5144	6.64E-07	0.2844
rs3843905	T	C	-0.0151	-0.0113	0.0036	0.0116	0.3990	0.4452	2.98E-05	0.3290
rs3847244	T	C	0.0216	0.0151	0.0036	0.0119	0.4670	0.3946	1.34E-09	0.2030
rs3909281	G	T	0.0163	0.0086	0.0036	0.0116	0.4970	0.4635	4.64E-06	0.4609
rs3934797	A	G	-0.0243	-0.0077	0.0046	0.0160	0.1700	0.1567	1.53E-07	0.6302

rs4044321	G	A	-0.0278	-0.0132	0.0037	0.0122	0.6420	0.6613	6.08E-14	0.2808
rs42417	T	C	0.0237	-0.0031	0.0038	0.0116	0.6810	0.5281	5.80E-10	0.7917
rs4264267	T	C	0.0206	0.0095	0.0036	0.0117	0.5390	0.5659	6.92E-09	0.4141
rs4476253	A	G	-0.0169	-0.0015	0.0042	0.0140	0.2390	0.2199	5.39E-05	0.9144
rs4674916	A	C	-0.0181	-0.0177	0.0038	0.0126	0.3290	0.3050	1.95E-06	0.1582
rs4674993	G	A	-0.0252	-0.0058	0.0044	0.0152	0.2070	0.1742	1.32E-08	0.7022
rs4727189	C	T	0.0166	0.0036	0.0038	0.0123	0.3800	0.3254	1.02E-05	0.7684
rs4752018	A	C	0.0208	0.0249	0.0042	0.0147	0.2240	0.1929	9.34E-07	0.0894
rs4759229	G	A	0.0206	-0.0152	0.0037	0.0123	0.6670	0.6721	3.62E-08	0.2162
rs4785187	A	G	0.0202	0.0041	0.0043	0.0127	0.2290	0.2932	2.06E-06	0.7484
rs4788676	C	T	-0.0187	-0.0177	0.0042	0.0161	0.2220	0.1518	1.06E-05	0.2717
rs4790874	T	C	0.0192	0.0287	0.0036	0.0116	0.5360	0.5023	7.28E-08	0.0137
rs4818005	A	G	-0.0166	-0.0150	0.0038	0.0125	0.5970	0.6895	1.15E-05	0.2312
rs4822102	T	C	-0.0185	-0.0086	0.0036	0.0116	0.6130	0.4956	3.97E-07	0.4555
rs4837631	T	C	-0.0181	0.0019	0.0036	0.0116	0.4360	0.4540	4.10E-07	0.8713
rs4877285	A	G	-0.0162	0.0075	0.0038	0.0124	0.6650	0.6707	1.84E-05	0.5420
rs4886207	C	T	-0.0166	-0.0180	0.0037	0.0116	0.6220	0.5674	7.01E-06	0.1227
rs4912332	T	C	0.0168	0.0213	0.0036	0.0116	0.4890	0.5444	2.34E-06	0.0660
rs540860	G	A	0.0187	-0.0223	0.0036	0.0117	0.5480	0.5479	1.75E-07	0.0562
rs55786907	G	A	0.0188	0.0127	0.0048	0.0149	0.1740	0.1864	0.00011	0.3928
rs55913542	T	G	0.0165	0.0011	0.0047	0.0148	0.1600	0.1902	4.00E-04	0.9423
rs56208390	G	A	0.0239	0.0150	0.0055	0.0168	0.1300	0.1397	1.20E-05	0.3717
rs56367474	T	C	-0.0182	-0.0083	0.0039	0.0123	0.2870	0.3267	2.46E-06	0.4980
rs56902655	G	T	-0.0243	-0.0119	0.0051	0.0155	0.1390	0.1653	2.19E-06	0.4416
rs58400863	A	G	-0.0188	0.0228	0.0037	0.0121	0.3470	0.3536	4.75E-07	0.0595

rs586699	A	G	-0.0191	-0.0078	0.0036	0.0117	0.5590	0.5691	8.61E-08	0.5027
rs59537158	T	C	0.0236	0.0048	0.0043	0.0152	0.1990	0.1765	4.28E-08	0.7532
rs6011779	T	C	-0.0161	-0.0211	0.0045	0.0135	0.7860	0.7566	0.000363	0.1180
rs6058782	T	C	0.0269	0.0022	0.0062	0.0209	0.9140	0.9157	1.31E-05	0.9179
rs60833441	G	A	-0.0144	-0.0077	0.0036	0.0116	0.4810	0.4647	5.47E-05	0.5040
rs61533748	C	T	0.0190	0.0008	0.0037	0.0117	0.3750	0.4405	1.85E-07	0.9439
rs61884449	T	C	0.0150	-0.0061	0.0050	0.0141	0.1550	0.2168	0.00248	0.6669
rs61886926	T	C	-0.0181	-0.0158	0.0036	0.0117	0.3670	0.4215	7.00E-07	0.1775
rs619087	G	A	0.0165	-0.0028	0.0036	0.0116	0.4330	0.5245	4.52E-06	0.8095
rs61959481	A	G	-0.0226	0.0102	0.0043	0.0151	0.2070	0.1787	1.91E-07	0.4991
rs62007780	T	G	-0.0165	-0.0066	0.0036	0.0119	0.3990	0.3939	4.83E-06	0.5807
rs62098013	A	G	0.0203	0.0137	0.0037	0.0121	0.3460	0.3520	3.66E-08	0.2604
rs62106258	C	T	-0.0361	-0.0135	0.0085	0.0411	0.0421	0.0205	2.18E-05	0.7425
rs62137126	G	A	-0.0235	0.0386	0.0055	0.0188	0.1120	0.1046	1.76E-05	0.0404
rs62180324	A	G	-0.0182	-0.0006	0.0043	0.0160	0.2050	0.1544	2.47E-05	0.9680
rs62193862	A	G	0.0236	0.0269	0.0059	0.0177	0.0997	0.1239	6.32E-05	0.1276
rs62246017	A	G	-0.0166	-0.0259	0.0038	0.0130	0.3160	0.2778	1.54E-05	0.0464
rs62618693	T	C	-0.0406	0.0226	0.0087	0.0364	0.0373	0.0260	2.99E-06	0.5350
rs6265	T	C	-0.0318	-0.0144	0.0046	0.0160	0.2030	0.1545	3.77E-12	0.3672
rs6414945	T	C	-0.0266	0.0104	0.0036	0.0116	0.4990	0.4682	8.03E-14	0.3703
rs6437769	T	C	0.0172	0.0276	0.0036	0.0116	0.5650	0.5094	1.71E-06	0.0170
rs6438436	T	C	0.0295	0.0081	0.0045	0.0135	0.8090	0.7567	7.25E-11	0.5476
rs644740	T	C	-0.0154	-0.0177	0.0036	0.0118	0.4590	0.3961	1.55E-05	0.1347
rs6497840	A	G	0.0179	-0.0119	0.0041	0.0133	0.7120	0.7436	1.30E-05	0.3675
rs6568832	A	G	0.0204	0.0172	0.0041	0.0130	0.7430	0.7289	6.50E-07	0.1867

rs67050670	G	A	-0.0203	0.0091	0.0043	0.0144	0.2390	0.2043	1.90E-06	0.5288
rs6730325	A	G	-0.0151	-0.0179	0.0036	0.0118	0.6200	0.6092	3.63E-05	0.1297
rs6731872	G	T	0.0352	-0.0132	0.0047	0.0156	0.8290	0.8357	9.64E-14	0.3971
rs6750107	A	G	0.0146	-0.0135	0.0036	0.0116	0.3700	0.4508	6.15E-05	0.2454
rs6750529	T	C	0.0224	0.0086	0.0041	0.0133	0.7530	0.7450	3.54E-08	0.5205
rs6756212	T	C	-0.0360	0.0074	0.0036	0.0117	0.5330	0.4388	6.25E-24	0.5234
rs67777803	T	G	-0.0249	-0.0080	0.0048	0.0155	0.1670	0.1668	1.65E-07	0.6052
rs6782116	T	C	-0.0150	0.0180	0.0036	0.0125	0.4050	0.3160	3.37E-05	0.1489
rs6874731	G	T	0.0175	0.0137	0.0036	0.0117	0.4570	0.4644	8.63E-07	0.2414
rs6968380	A	G	-0.0195	0.0073	0.0038	0.0120	0.6800	0.6292	3.56E-07	0.5449
rs6993429	A	C	-0.0193	0.0026	0.0036	0.0116	0.4580	0.4997	6.82E-08	0.8202
rs7024924	C	T	0.0258	-0.0125	0.0047	0.0153	0.1880	0.1724	3.96E-08	0.4146
rs7026534	G	T	-0.0202	0.0032	0.0039	0.0131	0.6890	0.7350	1.99E-07	0.8092
rs7072776	G	A	-0.0260	-0.0270	0.0040	0.0136	0.7130	0.7627	5.81E-11	0.0471
rs7134009	C	T	-0.0155	0.0052	0.0041	0.0121	0.3120	0.3577	0.000187	0.6642
rs71367544	T	C	0.0210	-0.0141	0.0044	0.0140	0.1900	0.2195	1.55E-06	0.3154
rs71592686	C	T	0.0235	-0.0089	0.0040	0.0129	0.2560	0.2795	3.49E-09	0.4903
rs71602617	T	C	-0.0152	0.0095	0.0045	0.0126	0.2110	0.2965	0.000826	0.4507
rs7188873	G	A	0.0185	-0.0082	0.0037	0.0120	0.6070	0.6304	3.94E-07	0.4911
rs7192140	C	T	-0.0157	-0.0150	0.0036	0.0117	0.5070	0.4210	9.64E-06	0.2003
rs72780746	C	T	-0.0293	-0.0144	0.0047	0.0161	0.1790	0.1534	4.90E-10	0.3707
rs72790288	A	G	-0.0493	-0.0375	0.0105	0.0437	0.0233	0.0183	2.89E-06	0.3903
rs72898831	G	A	-0.0281	0.0080	0.0050	0.0171	0.1360	0.1341	1.33E-08	0.6376
rs73008357	C	A	-0.0192	-0.0115	0.0057	0.0184	0.1020	0.1115	0.00073	0.5303
rs7333559	A	G	-0.0252	-0.0073	0.0043	0.0156	0.7790	0.8358	6.53E-09	0.6384

rs73831818	G	A	0.0366	0.0160	0.0075	0.0307	0.0571	0.0369	9.65E-07	0.6026
rs748832	G	A	0.0198	0.0230	0.0037	0.0120	0.3620	0.3653	7.12E-08	0.0556
rs7505855	T	C	-0.0190	0.0102	0.0036	0.0117	0.5960	0.5764	1.45E-07	0.3844
rs75674569	A	G	-0.0234	-0.0017	0.0060	0.0244	0.0937	0.0592	0.000105	0.9438
rs75919030	C	T	-0.0194	-0.0073	0.0040	0.0132	0.2580	0.2589	1.37E-06	0.5790
rs7600835	A	G	-0.0150	-0.0131	0.0037	0.0130	0.3340	0.2801	5.64E-05	0.3140
rs7631379	C	T	0.0219	0.0909	0.0044	0.0161	0.2070	0.1543	6.58E-07	0.0000
rs7640107	T	C	-0.0108	-0.0040	0.0036	0.0116	0.4360	0.4788	0.00269	0.7274
rs7657022	G	A	0.0164	0.0135	0.0036	0.0116	0.4850	0.5090	4.06E-06	0.2426
rs76608582	A	C	-0.0496	0.0305	0.0083	0.0250	0.0389	0.0580	1.94E-09	0.2236
rs7696257	A	G	0.0154	0.0198	0.0037	0.0117	0.3830	0.4198	2.89E-05	0.0909
rs77283305	A	G	-0.0125	-0.0100	0.0039	0.0129	0.2860	0.2769	0.00124	0.4377
rs7743165	G	T	0.0193	-0.0082	0.0036	0.0116	0.4670	0.4650	5.76E-08	0.4778
rs7802996	T	C	-0.0203	0.0086	0.0048	0.0195	0.1540	0.0977	2.14E-05	0.6589
rs7809303	A	G	-0.0215	-0.0213	0.0038	0.0122	0.3260	0.3371	1.30E-08	0.0808
rs7836565	T	C	-0.0160	-0.0098	0.0040	0.0126	0.7040	0.7001	5.08E-05	0.4378
rs7867822	G	A	-0.0156	-0.0012	0.0038	0.0127	0.6820	0.7027	3.54E-05	0.9249
rs7929518	G	A	0.0242	-0.0023	0.0043	0.0132	0.7650	0.7427	1.56E-08	0.8593
rs7943721	A	G	-0.0224	0.0223	0.0047	0.0160	0.8330	0.8444	1.70E-06	0.1653
rs79476395	G	A	0.0272	0.0278	0.0069	0.0302	0.0798	0.0391	8.70E-05	0.3567
rs7969559	G	A	-0.0244	-0.0188	0.0040	0.0121	0.6880	0.6454	7.31E-10	0.1208
rs8005334	G	T	0.0178	0.0012	0.0037	0.0137	0.3390	0.2353	1.63E-06	0.9277
rs8027457	C	T	0.0188	0.0206	0.0036	0.0116	0.5240	0.5218	1.20E-07	0.0754
rs8050598	T	C	0.0171	0.0262	0.0041	0.0140	0.2320	0.2254	2.56E-05	0.0616
rs8096225	C	A	0.0137	-0.0106	0.0039	0.0135	0.7060	0.7569	0.000408	0.4312

rs8103660	C	T	0.0150	0.0131	0.0037	0.0118	0.3590	0.3930	5.07E-05	0.2655
rs876793	C	T	-0.0207	0.0009	0.0039	0.0131	0.3320	0.2715	1.14E-07	0.9472
rs910912	C	T	-0.0219	-0.0106	0.0041	0.0135	0.7370	0.7554	6.17E-08	0.4299
rs925524	G	A	0.0141	0.0133	0.0039	0.0132	0.7060	0.7401	0.00033	0.3150
rs9288999	A	G	0.0179	0.0034	0.0040	0.0127	0.7220	0.7065	8.79E-06	0.7887
rs9302604	G	A	0.0180	0.0076	0.0036	0.0118	0.4570	0.4244	5.34E-07	0.5180
rs9323328	G	A	-0.0175	-0.0195	0.0036	0.0116	0.5410	0.4654	9.07E-07	0.0925
rs9331343	C	T	-0.0161	-0.0094	0.0036	0.0118	0.5890	0.5647	7.33E-06	0.4253
rs951740	A	G	0.0310	-0.0015	0.0037	0.0119	0.6340	0.6084	3.54E-17	0.8976
rs9540731	T	C	-0.0196	-0.0031	0.0036	0.0116	0.5010	0.4591	3.85E-08	0.7897
rs9545155	C	T	-0.0155	0.0194	0.0036	0.0116	0.4700	0.4750	1.29E-05	0.0950
rs9687000	C	T	0.0187	0.0007	0.0038	0.0121	0.6650	0.3533	8.63E-07	0.9550
rs9787523	C	T	-0.0151	0.0042	0.0036	0.0116	0.4440	0.4923	2.87E-05	0.7151
rs9826984	A	G	-0.0152	-0.0114	0.0036	0.0115	0.5480	0.5022	2.07E-05	0.3218
rs9841807	T	C	0.0162	-0.0020	0.0040	0.0123	0.2760	0.3367	4.60E-05	0.8695
rs9850597	A	G	-0.0179	-0.0070	0.0046	0.0138	0.8080	0.7690	9.96E-05	0.6095
rs9922607	T	C	-0.0241	-0.0133	0.0045	0.0215	0.1960	0.0791	6.44E-08	0.5365
rs9987376	G	T	-0.0242	0.0094	0.0036	0.0121	0.5860	0.6422	1.71E-11	0.4336

Smoking initiation_GSCAN minus 23andMe and UKB

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs1004787	A	G	0.0307	-0.0079	0.0057	0.0119	0.5810	0.6252	8.46E-08	0.5075
rs10060196	A	C	0.0088	0.0102	0.0057	0.0119	0.5900	0.6267	0.125	0.3939
rs1008078	T	C	0.0177	0.0059	0.0058	0.0117	0.4140	0.5662	0.00215	0.6138

rs1022376	C	T	-0.0194	-0.0201	0.0065	0.0116	0.5050	0.5333	0.00262	0.0837
rs10233018	G	A	0.0274	-0.0113	0.0057	0.0118	0.5030	0.5978	1.45E-06	0.3392
rs10279261	A	G	-0.0229	0.0160	0.0059	0.0121	0.6190	0.6409	8.84E-05	0.1849
rs1030015	T	G	0.0161	0.0139	0.0057	0.0116	0.5240	0.4933	0.00441	0.2289
rs10446419	G	A	-0.0192	0.0129	0.0070	0.0141	0.2120	0.2163	0.00617	0.3607
rs10490159	T	C	0.0230	0.0098	0.0058	0.0120	0.3880	0.3681	7.38E-05	0.4167
rs1050847	T	C	-0.0210	0.0092	0.0057	0.0116	0.5050	0.5075	0.00023	0.4264
rs10698713	A	G	-0.0482	0.0534	0.0136	0.0439	0.0545	0.0180	0.000384	0.2246
rs10789369	G	A	-0.0288	0.0028	0.0058	0.0120	0.6060	0.6394	7.96E-07	0.8187
rs10853981	A	G	0.0092	-0.0069	0.0060	0.0131	0.3250	0.2698	0.122	0.5962
rs10873871	G	A	0.0186	-0.0120	0.0070	0.0144	0.1910	0.2025	0.00812	0.4049
rs10885480	C	T	-0.0120	0.0168	0.0062	0.0126	0.2690	0.3020	0.0528	0.1829
rs10905461	C	T	-0.0235	-0.0085	0.0068	0.0158	0.7180	0.8409	0.000539	0.5913
rs10914684	A	G	-0.0099	0.0208	0.0061	0.0122	0.3380	0.3351	0.106	0.0892
rs10935779	T	C	-0.0106	-0.0207	0.0058	0.0116	0.4220	0.4512	0.066	0.0751
rs10939239	C	T	-0.0123	0.0115	0.0062	0.0126	0.2600	0.6964	0.0487	0.3598
rs10945141	A	G	0.0183	-0.0072	0.0064	0.0136	0.2620	0.2375	0.00444	0.5978
rs10953957	A	G	0.0156	0.0009	0.0058	0.0118	0.3920	0.4002	0.0071	0.9411
rs10966092	C	T	-0.0187	-0.0155	0.0063	0.0123	0.2620	0.3332	0.00292	0.2077
rs11057005	G	A	-0.0258	0.0077	0.0057	0.0117	0.4300	0.5448	5.88E-06	0.5099
rs1106363	T	C	0.0203	0.0009	0.0059	0.0117	0.3520	0.4341	0.000626	0.9417
rs11076962	C	T	0.0191	0.0208	0.0064	0.0134	0.2830	0.2473	0.0028	0.1205
rs11078713	G	A	-0.0267	0.0472	0.0058	0.0117	0.4540	0.5344	3.44E-06	0.0001
rs1109480	A	G	-0.0177	0.0066	0.0058	0.0122	0.3820	0.3546	0.0024	0.5889
rs11162019	T	C	-0.0237	0.0113	0.0059	0.0125	0.3660	0.3140	6.15E-05	0.3656

rs1116690	G	A	0.0021	0.0048	0.0065	0.0136	0.7310	0.7610	0.749	0.7248
rs11192347	A	G	-0.0263	0.0028	0.0106	0.0224	0.0932	0.0711	0.0133	0.8997
rs11258417	T	C	-0.0151	-0.0033	0.0058	0.0125	0.3570	0.3202	0.00918	0.7920
rs1126757	T	C	0.0234	-0.0039	0.0057	0.0117	0.4690	0.5655	3.82E-05	0.7366
rs112725451	T	C	0.0328	0.0250	0.0076	0.0148	0.1750	0.1903	1.68E-05	0.0906
rs113230003	A	G	-0.0178	-0.0057	0.0066	0.0142	0.2490	0.2113	0.00728	0.6892
rs1139897	A	G	-0.0214	-0.0078	0.0065	0.0121	0.2350	0.3526	0.000969	0.5216
rs11594623	C	T	0.0354	-0.0227	0.0068	0.0138	0.2280	0.2329	2.02E-07	0.0994
rs11611651	A	G	0.0264	-0.0171	0.0102	0.0275	0.0781	0.0471	0.00958	0.5338
rs11642231	A	G	-0.0161	0.0012	0.0058	0.0117	0.3510	0.4441	0.00564	0.9166
rs11651955	A	G	-0.0241	0.0145	0.0057	0.0116	0.4980	0.4880	2.23E-05	0.2093
rs11692435	A	G	0.0326	0.0036	0.0094	0.0138	0.0856	0.2331	5.00E-04	0.7958
rs11713899	C	A	0.0311	0.0105	0.0077	0.0157	0.1700	0.1623	5.10E-05	0.5047
rs1173461	T	C	0.0195	-0.0023	0.0060	0.0124	0.3260	0.3180	0.00125	0.8525
rs117657830	G	A	-0.0301	0.0124	0.0163	0.0452	0.0413	0.0166	0.0643	0.7831
rs11766326	C	T	-0.0269	-0.0191	0.0065	0.0116	0.4810	0.5332	3.22E-05	0.1001
rs11783093	T	C	-0.0381	-0.0021	0.0080	0.0175	0.1520	0.1250	2.15E-06	0.9039
rs11791671	T	C	0.0192	0.0814	0.0117	0.0339	0.0639	0.0303	0.102	0.0163
rs118202	T	G	-0.0311	-0.0075	0.0071	0.0128	0.7840	0.7114	1.17E-05	0.5590
rs11872397	A	G	-0.0264	-0.0249	0.0066	0.0140	0.2520	0.2206	6.93E-05	0.0743
rs1187820	T	C	-0.0076	-0.0105	0.0058	0.0120	0.4300	0.3823	0.184	0.3797
rs11956866	G	T	-0.0203	-0.0073	0.0057	0.0117	0.5470	0.4728	0.000371	0.5295
rs12022778	C	A	0.0289	0.0307	0.0071	0.0146	0.2030	0.1968	4.88E-05	0.0352
rs12130857	A	G	-0.0166	-0.0050	0.0061	0.0128	0.3270	0.2861	0.00677	0.6963
rs12195240	A	G	0.0283	0.0130	0.0063	0.0123	0.2830	0.3308	6.43E-06	0.2891

rs12474587	T	G	0.0263	0.0084	0.0057	0.0122	0.4040	0.3474	4.54E-06	0.4877
rs12517438	G	T	0.0182	-0.0132	0.0057	0.0116	0.4930	0.4995	0.0013	0.2547
rs12563365	A	G	0.0167	-0.0114	0.0057	0.0116	0.5240	0.5544	0.00354	0.3250
rs12642744	T	G	-0.0195	-0.0125	0.0075	0.0152	0.7690	0.8240	0.00958	0.4098
rs12714017	C	T	0.0166	-0.0102	0.0065	0.0116	0.5000	0.4440	0.0103	0.3795
rs12739243	C	T	-0.0194	-0.0165	0.0068	0.0127	0.2130	0.2948	0.0044	0.1914
rs12740789	A	G	-0.0264	-0.0094	0.0073	0.0167	0.1680	0.1396	0.000318	0.5744
rs12755632	G	A	-0.0152	0.0042	0.0061	0.0122	0.3170	0.3427	0.0124	0.7291
rs12855717	T	C	0.0073	-0.0288	0.0057	0.0117	0.5480	0.5662	0.197	0.0140
rs12878369	A	C	0.0233	-0.0230	0.0058	0.0126	0.4130	0.3022	5.84E-05	0.0692
rs12918191	G	A	-0.0246	0.0122	0.0067	0.0151	0.2380	0.1773	0.000254	0.4194
rs1291821	G	A	0.0231	0.0054	0.0057	0.0116	0.5670	0.5337	4.59E-05	0.6428
rs13007361	A	G	0.0328	0.0223	0.0073	0.0193	0.1990	0.0995	7.35E-06	0.2493
rs13066050	T	C	0.0132	-0.0187	0.0069	0.0150	0.2020	0.1801	0.0556	0.2128
rs13109980	A	G	-0.0341	-0.0276	0.0060	0.0122	0.3100	0.3397	1.48E-08	0.0235
rs13261666	T	G	-0.0301	-0.0234	0.0057	0.0116	0.5220	0.5480	1.11E-07	0.0440
rs1329967	A	G	0.0149	0.0012	0.0061	0.0125	0.2910	0.6953	0.015	0.9234
rs13392222	C	A	-0.0218	0.0138	0.0081	0.0147	0.1300	0.1895	0.00748	0.3476
rs13437771	G	A	-0.0332	-0.0180	0.0077	0.0138	0.1960	0.2232	1.62E-05	0.1939
rs1373178	G	T	-0.0203	-0.0190	0.0057	0.0120	0.5940	0.6295	0.000409	0.1118
rs1381287	T	C	0.0220	0.0025	0.0057	0.0116	0.4790	0.4928	0.000117	0.8255
rs1381775	C	T	-0.0132	-0.0037	0.0063	0.0129	0.7080	0.7231	0.0351	0.7718
rs1385108	T	C	0.0363	-0.0145	0.0067	0.0128	0.2390	0.2839	4.86E-08	0.2579
rs13906	T	C	-0.0225	-0.0177	0.0090	0.0169	0.1180	0.1364	0.0128	0.2949
rs1435479	T	G	0.0088	-0.0110	0.0063	0.0125	0.2900	0.3062	0.161	0.3812

rs1435672	C	T	0.0159	0.0098	0.0057	0.0119	0.5670	0.6216	0.00542	0.4085
rs1445649	C	T	0.0256	0.0091	0.0057	0.0116	0.5250	0.5098	6.13E-06	0.4329
rs1449012	T	C	-0.0163	-0.0159	0.0057	0.0120	0.4530	0.3690	0.00416	0.1845
rs147052174	T	G	0.0456	-0.0907	0.0229	0.0610	0.0126	0.0091	0.0463	0.1368
rs1514176	A	G	-0.0159	0.0108	0.0057	0.0116	0.5700	0.5283	0.00563	0.3476
rs1549979	T	C	-0.0268	0.0146	0.0059	0.0127	0.6120	0.7080	5.79E-06	0.2499
rs160631	G	T	-0.0242	-0.0029	0.0063	0.0128	0.7320	0.7123	0.000133	0.8186
rs16826827	C	T	-0.0198	-0.0387	0.0086	0.0184	0.1230	0.1105	0.0215	0.0355
rs16828799	T	G	0.0198	-0.0064	0.0076	0.0161	0.1480	0.1517	0.00927	0.6912
rs17089998	A	G	-0.0215	0.0245	0.0091	0.0174	0.1170	0.8697	0.0185	0.1574
rs1713676	G	A	-0.0152	-0.0010	0.0057	0.0117	0.5220	0.5592	0.0073	0.9306
rs1714521	C	A	-0.0202	0.0202	0.0058	0.0117	0.4020	0.4352	0.000457	0.0841
rs17165769	G	A	0.0160	-0.0157	0.0058	0.0117	0.3890	0.4132	0.00569	0.1803
rs17197663	A	G	-0.0119	0.0008	0.0087	0.0205	0.1210	0.0865	0.171	0.9676
rs17229285	T	C	-0.0243	0.0129	0.0057	0.0116	0.4810	0.4530	1.83E-05	0.2676
rs1733760	C	T	0.0125	-0.0054	0.0057	0.0116	0.4920	0.4545	0.0279	0.6398
rs1759433	A	G	0.0043	-0.0047	0.0057	0.0115	0.4950	0.5163	0.45	0.6830
rs17616642	G	A	-0.0233	0.0327	0.0066	0.0147	0.2400	0.1928	0.000428	0.0267
rs1772572	A	C	-0.0211	0.0138	0.0061	0.0122	0.3290	0.3442	0.000497	0.2576
rs1799068	T	G	0.0165	-0.0083	0.0058	0.0118	0.3750	0.4003	0.00463	0.4819
rs1834306	G	A	-0.0173	-0.0003	0.0058	0.0126	0.5760	0.6938	0.00281	0.9809
rs1863161	A	G	0.0072	-0.0209	0.0057	0.0123	0.5410	0.6721	0.208	0.0898
rs1889571	G	T	0.0254	0.0122	0.0083	0.0155	0.1320	0.1701	0.00214	0.4301
rs1901477	G	A	0.0245	-0.0093	0.0065	0.0116	0.5240	0.4942	0.000145	0.4194
rs1927901	C	T	-0.0212	0.0156	0.0057	0.0116	0.5620	0.5439	0.000202	0.1782

rs1930371	T	C	-0.0126	-0.0151	0.0067	0.0151	0.2550	0.1794	0.06	0.3173
rs2010921	A	G	0.0106	0.0062	0.0062	0.0122	0.3050	0.3495	0.0841	0.6091
rs2028269	A	G	0.0150	0.0025	0.0058	0.0121	0.4000	0.3556	0.00969	0.8361
rs2063976	T	C	-0.0137	-0.0098	0.0059	0.0118	0.6340	0.5992	0.0207	0.4071
rs2155646	C	T	0.0420	-0.0012	0.0058	0.0120	0.4250	0.6268	3.04E-13	0.9222
rs221988	C	A	-0.0056	-0.0006	0.0058	0.0117	0.3910	0.4503	0.335	0.9572
rs2276825	C	T	0.0169	-0.0117	0.0066	0.0130	0.2520	0.2748	0.0106	0.3687
rs2279829	T	C	-0.0171	0.0258	0.0068	0.0128	0.2210	0.2887	0.0119	0.0432
rs2289791	T	G	-0.0163	-0.0021	0.0066	0.0143	0.2450	0.2097	0.0131	0.8856
rs2319545	A	C	0.0142	0.0117	0.0079	0.0155	0.1530	0.1673	0.071	0.4514
rs2344976	C	T	-0.0201	0.0231	0.0058	0.0122	0.5990	0.6553	0.000576	0.0577
rs2378662	A	G	0.0192	-0.0048	0.0057	0.0117	0.5560	0.5641	0.000718	0.6810
rs2539706	A	G	0.0160	0.0115	0.0057	0.0116	0.5410	0.5376	0.00475	0.3213
rs2587507	C	T	-0.0193	0.0071	0.0057	0.0116	0.5050	0.5125	0.000651	0.5380
rs2710634	C	T	-0.0234	0.0220	0.0057	0.0116	0.5050	0.5377	4.00E-05	0.0578
rs2734390	G	A	0.0195	-0.0042	0.0059	0.0131	0.3920	0.2698	0.000912	0.7488
rs2796793	A	G	0.0157	0.0229	0.0057	0.0118	0.4320	0.4362	0.00573	0.0516
rs281296	A	G	0.0297	0.0061	0.0059	0.0124	0.3780	0.3250	5.21E-07	0.6235
rs28717373	T	C	-0.0286	-0.0140	0.0058	0.0120	0.3350	0.3659	9.79E-07	0.2431
rs2901785	A	G	-0.0158	-0.0030	0.0057	0.0116	0.4690	0.4384	0.00588	0.7938
rs290601	T	C	0.0158	0.0173	0.0063	0.0127	0.2890	0.2881	0.012	0.1734
rs2925128	T	C	0.0172	-0.0052	0.0066	0.0116	0.3990	0.4500	0.00925	0.6548
rs2938134	A	C	-0.0200	-0.0112	0.0070	0.0136	0.6910	0.7632	0.00398	0.4134
rs2939756	A	G	-0.0174	-0.0045	0.0057	0.0116	0.4740	0.5111	0.00222	0.6982
rs2959084	A	G	0.0100	-0.0037	0.0061	0.0124	0.6710	0.6780	0.102	0.7672

rs301807	G	A	0.0220	0.0396	0.0058	0.0122	0.5550	0.6541	0.00013	0.0012
rs3098272	C	A	-0.0251	0.0070	0.0071	0.0153	0.8070	0.8287	0.000393	0.6463
rs3115418	C	T	-0.0172	-0.0054	0.0057	0.0116	0.4700	0.5112	0.00253	0.6404
rs3172494	T	G	-0.0352	-0.0175	0.0089	0.0142	0.1140	0.2161	7.01E-05	0.2171
rs3218116	T	C	-0.0241	0.0021	0.0065	0.0135	0.2450	0.2412	0.00023	0.8775
rs329124	G	A	-0.0147	-0.0027	0.0057	0.0117	0.4310	0.4228	0.0101	0.8177
rs34342129	C	T	-0.0128	0.0171	0.0057	0.0116	0.4890	0.4804	0.024	0.1402
rs34399632	G	A	0.0206	-0.0199	0.0065	0.0137	0.1890	0.2315	0.0016	0.1477
rs34553878	G	A	0.0324	-0.0083	0.0092	0.0208	0.1120	0.0839	0.00046	0.6907
rs34940743	G	A	0.0240	0.0191	0.0060	0.0121	0.3360	0.3596	7.22E-05	0.1149
rs35656245	A	G	0.0119	-0.0197	0.0063	0.0131	0.2800	0.2640	0.0568	0.1334
rs357304	C	T	0.0238	0.0025	0.0064	0.0132	0.7370	0.7400	0.000209	0.8492
rs359431	T	C	-0.0190	-0.0074	0.0057	0.0116	0.5670	0.5278	0.00082	0.5207
rs3740977	C	T	0.0212	0.0270	0.0077	0.0175	0.1600	0.1246	0.0057	0.1223
rs3764351	A	G	-0.0176	-0.0055	0.0060	0.0124	0.6420	0.6831	0.00326	0.6583
rs3800227	G	A	0.0203	0.0336	0.0064	0.0124	0.7010	0.6794	0.0016	0.0068
rs3810496	C	T	0.0188	0.0015	0.0058	0.0118	0.6190	0.6100	0.00128	0.8970
rs3811038	C	T	0.0132	-0.0040	0.0063	0.0138	0.2720	0.2301	0.0346	0.7725
rs3820277	T	G	-0.0214	0.0124	0.0057	0.0116	0.5280	0.5144	0.000163	0.2844
rs3843905	T	C	-0.0197	-0.0113	0.0058	0.0116	0.3990	0.4452	0.00064	0.3290
rs3847244	T	C	0.0225	0.0151	0.0057	0.0119	0.4670	0.3946	7.93E-05	0.2030
rs3909281	G	T	0.0181	0.0086	0.0057	0.0116	0.4970	0.4635	0.00144	0.4609
rs3934797	A	G	-0.0211	-0.0077	0.0076	0.0160	0.1700	0.1567	0.00565	0.6302
rs4044321	G	A	-0.0323	-0.0132	0.0059	0.0122	0.6420	0.6613	5.09E-08	0.2808
rs42417	T	C	0.0216	-0.0031	0.0061	0.0116	0.6810	0.5281	0.000355	0.7917

rs4264267	T	C	0.0173	0.0095	0.0057	0.0117	0.5390	0.5659	0.00233	0.4141
rs4275621	G	A	-0.0274	0.0048	0.0058	0.0119	0.4020	0.3880	2.76E-06	0.6879
rs4476253	A	G	-0.0146	-0.0015	0.0067	0.0140	0.2390	0.2199	0.0296	0.9144
rs4674916	A	C	-0.0148	-0.0177	0.0061	0.0126	0.3290	0.3050	0.0146	0.1582
rs4674993	G	A	-0.0306	-0.0058	0.0070	0.0152	0.2070	0.1742	1.37E-05	0.7022
rs4727189	C	T	0.0206	0.0036	0.0060	0.0123	0.3800	0.3254	0.000524	0.7684
rs4752018	A	C	0.0271	0.0249	0.0068	0.0147	0.2240	0.1929	6.66E-05	0.0894
rs4759229	G	A	0.0168	-0.0152	0.0060	0.0123	0.6670	0.6721	0.00514	0.2162
rs4785187	A	G	0.0254	0.0041	0.0067	0.0127	0.2290	0.2932	0.000167	0.7484
rs4788676	C	T	-0.0120	-0.0177	0.0069	0.0161	0.2220	0.1518	0.0823	0.2717
rs4790874	T	C	0.0211	0.0287	0.0057	0.0116	0.5360	0.5023	0.000202	0.0137
rs4818005	A	G	-0.0159	-0.0150	0.0066	0.0125	0.5970	0.6895	0.016	0.2312
rs4822102	T	C	-0.0200	-0.0086	0.0058	0.0116	0.6130	0.4956	0.000522	0.4555
rs4837631	T	C	-0.0135	0.0019	0.0057	0.0116	0.4360	0.4540	0.018	0.8713
rs4877285	A	G	-0.0167	0.0075	0.0060	0.0124	0.6650	0.6707	0.00502	0.5420
rs4886207	C	T	-0.0157	-0.0180	0.0059	0.0116	0.6220	0.5674	0.00741	0.1227
rs4912332	T	C	0.0244	0.0213	0.0057	0.0116	0.4890	0.5444	1.73E-05	0.0660
rs540860	G	A	0.0197	-0.0223	0.0057	0.0117	0.5480	0.5479	0.000553	0.0562
rs55786907	G	A	0.0221	0.0127	0.0076	0.0149	0.1740	0.1864	0.00341	0.3928
rs55913542	T	G	0.0207	0.0011	0.0075	0.0148	0.1600	0.1902	0.00595	0.9423
rs56208390	G	A	0.0214	0.0150	0.0085	0.0168	0.1300	0.1397	0.0122	0.3717
rs56902655	G	T	-0.0251	-0.0119	0.0081	0.0155	0.1390	0.1653	0.00184	0.4416
rs58400863	A	G	-0.0163	0.0228	0.0059	0.0121	0.3470	0.3536	0.00581	0.0595
rs586699	A	G	-0.0170	-0.0078	0.0057	0.0117	0.5590	0.5691	0.00277	0.5027
rs6011779	T	C	-0.0166	-0.0211	0.0071	0.0135	0.7860	0.7566	0.0204	0.1180

rs6050446	G	A	0.0632	0.0036	0.0174	0.0384	0.9780	0.9769	0.000277	0.9263
rs60833441	G	A	-0.0180	-0.0077	0.0057	0.0116	0.4810	0.4647	0.00152	0.5040
rs61533748	C	T	0.0194	0.0008	0.0058	0.0117	0.3750	0.4405	0.000893	0.9439
rs61884449	T	C	0.0091	-0.0061	0.0079	0.0141	0.1550	0.2168	0.247	0.6669
rs61886926	T	C	-0.0232	-0.0158	0.0058	0.0117	0.3670	0.4215	6.60E-05	0.1775
rs619087	G	A	0.0214	-0.0028	0.0057	0.0116	0.4330	0.5245	0.00018	0.8095
rs62007780	T	G	-0.0267	-0.0066	0.0058	0.0119	0.3990	0.3939	3.90E-06	0.5807
rs62098013	A	G	0.0255	0.0137	0.0059	0.0121	0.3460	0.3520	1.42E-05	0.2604
rs62106258	C	T	-0.0309	-0.0135	0.0142	0.0411	0.0421	0.0205	0.0293	0.7425
rs62137126	G	A	-0.0285	0.0386	0.0088	0.0188	0.1120	0.1046	0.00117	0.0404
rs62180324	A	G	-0.0190	-0.0006	0.0069	0.0160	0.2050	0.1544	0.00623	0.9680
rs62193862	A	G	0.0234	0.0269	0.0095	0.0177	0.0997	0.1239	0.0139	0.1276
rs62246017	A	G	-0.0157	-0.0259	0.0061	0.0130	0.3160	0.2778	0.0105	0.0464
rs62618693	T	C	-0.0436	0.0226	0.0142	0.0364	0.0373	0.0260	0.00222	0.5350
rs6414945	T	C	-0.0257	0.0104	0.0057	0.0116	0.4990	0.4682	6.18E-06	0.3703
rs6437769	T	C	0.0136	0.0276	0.0057	0.0116	0.5650	0.5094	0.0176	0.0170
rs6438436	T	C	0.0299	0.0081	0.0071	0.0135	0.8090	0.7567	2.37E-05	0.5476
rs644740	T	C	-0.0161	-0.0177	0.0057	0.0118	0.4590	0.3961	0.00484	0.1347
rs6497840	A	G	0.0189	-0.0119	0.0070	0.0133	0.7120	0.7436	0.00716	0.3675
rs6568832	A	G	0.0283	0.0172	0.0065	0.0130	0.7430	0.7289	1.18E-05	0.1867
rs67050670	G	A	-0.0265	0.0091	0.0069	0.0144	0.2390	0.2043	0.000128	0.5288
rs6731872	G	T	0.0341	-0.0132	0.0076	0.0156	0.8290	0.8357	6.99E-06	0.3971
rs6750107	A	G	0.0217	-0.0135	0.0058	0.0116	0.3700	0.4508	0.000171	0.2454
rs6750529	T	C	0.0257	0.0086	0.0065	0.0133	0.7530	0.7450	7.76E-05	0.5205
rs6756212	T	C	-0.0353	0.0074	0.0057	0.0117	0.5330	0.4388	5.03E-10	0.5234

rs67777803	T	G	-0.0308	-0.0080	0.0077	0.0155	0.1670	0.1668	6.13E-05	0.6052
rs6782116	T	C	-0.0137	0.0180	0.0058	0.0125	0.4050	0.3160	0.0177	0.1489
rs6874731	G	T	0.0113	0.0137	0.0057	0.0117	0.4570	0.4644	0.0466	0.2414
rs6890961	T	C	-0.0133	0.0026	0.0058	0.0122	0.6230	0.6374	0.0223	0.8307
rs6936160	T	C	0.0235	0.0293	0.0062	0.0125	0.7020	0.6900	0.000147	0.0194
rs6968380	A	G	-0.0161	0.0073	0.0060	0.0120	0.6800	0.6292	0.00759	0.5449
rs6986430	C	T	-0.0343	0.0066	0.0069	0.0146	0.2290	0.1938	5.41E-07	0.6528
rs7024924	C	T	0.0319	-0.0125	0.0075	0.0153	0.1880	0.1724	2.20E-05	0.4146
rs7026534	G	T	-0.0217	0.0032	0.0062	0.0131	0.6890	0.7350	0.000475	0.8092
rs7072776	G	A	-0.0252	-0.0270	0.0063	0.0136	0.7130	0.7627	6.35E-05	0.0471
rs7134009	C	T	-0.0176	0.0052	0.0071	0.0121	0.3120	0.3577	0.0131	0.6642
rs71367544	T	C	0.0120	-0.0141	0.0070	0.0140	0.1900	0.2195	0.0871	0.3154
rs71592686	C	T	0.0192	-0.0089	0.0064	0.0129	0.2560	0.2795	0.00255	0.4903
rs71602617	T	C	-0.0121	0.0095	0.0077	0.0126	0.2110	0.2965	0.116	0.4507
rs7188873	G	A	0.0228	-0.0082	0.0058	0.0120	0.6070	0.6304	8.75E-05	0.4911
rs7192140	C	T	-0.0093	-0.0150	0.0057	0.0117	0.5070	0.4210	0.101	0.2003
rs72780746	C	T	-0.0358	-0.0144	0.0074	0.0161	0.1790	0.1534	1.40E-06	0.3707
rs72790288	A	G	-0.0368	-0.0375	0.0170	0.0437	0.0233	0.0183	0.0304	0.3903
rs72898831	G	A	-0.0349	0.0080	0.0082	0.0171	0.1360	0.1341	2.02E-05	0.6376
rs73008357	C	A	-0.0167	-0.0115	0.0097	0.0184	0.1020	0.1115	0.0844	0.5303
rs7333559	A	G	-0.0190	-0.0073	0.0069	0.0156	0.7790	0.8358	0.00555	0.6384
rs73831818	G	A	0.0414	0.0160	0.0123	0.0307	0.0571	0.0369	0.000721	0.6026
rs748832	G	A	0.0197	0.0230	0.0058	0.0120	0.3620	0.3653	0.000715	0.0556
rs7505855	T	C	-0.0193	0.0102	0.0058	0.0117	0.5960	0.5764	0.000833	0.3844
rs75674569	A	G	-0.0140	-0.0017	0.0099	0.0244	0.0937	0.0592	0.155	0.9438

rs7600835	A	G	-0.0116	-0.0131	0.0060	0.0130	0.3340	0.2801	0.0521	0.3140
rs7631379	C	T	0.0158	0.0909	0.0071	0.0161	0.2070	0.1543	0.026	0.0000
rs7640107	T	C	-0.0128	-0.0040	0.0057	0.0116	0.4360	0.4788	0.0256	0.7274
rs7657022	G	A	0.0223	0.0135	0.0057	0.0116	0.4850	0.5090	8.34E-05	0.2426
rs76608582	A	C	-0.0423	0.0305	0.0131	0.0250	0.0389	0.0580	0.00117	0.2236
rs7696257	A	G	0.0165	0.0198	0.0058	0.0117	0.3830	0.4198	0.0048	0.0909
rs77283305	A	G	-0.0104	-0.0100	0.0063	0.0129	0.2860	0.2769	0.102	0.4377
rs7743165	G	T	0.0128	-0.0082	0.0057	0.0116	0.4670	0.4650	0.0242	0.4778
rs7802996	T	C	-0.0176	0.0086	0.0076	0.0195	0.1540	0.0977	0.0207	0.6589
rs7809303	A	G	-0.0255	-0.0213	0.0060	0.0122	0.3260	0.3371	2.25E-05	0.0808
rs7836565	T	C	-0.0139	-0.0098	0.0063	0.0126	0.7040	0.7001	0.0287	0.4378
rs7867822	G	A	-0.0222	-0.0012	0.0060	0.0127	0.6820	0.7027	0.000219	0.9249
rs7929518	G	A	0.0184	-0.0023	0.0068	0.0132	0.7650	0.7427	0.00676	0.8593
rs7943721	A	G	-0.0266	0.0223	0.0073	0.0160	0.8330	0.8444	0.000254	0.1653
rs7969559	G	A	-0.0195	-0.0188	0.0063	0.0121	0.6880	0.6454	0.00192	0.1208
rs8005334	G	T	0.0198	0.0012	0.0060	0.0137	0.3390	0.2353	0.00107	0.9277
rs8027457	C	T	0.0180	0.0206	0.0057	0.0116	0.5240	0.5218	0.00151	0.0754
rs8050598	T	C	0.0221	0.0262	0.0065	0.0140	0.2320	0.2254	0.00068	0.0616
rs8096225	C	A	0.0094	-0.0106	0.0063	0.0135	0.7060	0.7569	0.131	0.4312
rs8103660	C	T	0.0131	0.0131	0.0059	0.0118	0.3590	0.3930	0.0261	0.2655
rs876793	C	T	-0.0192	0.0009	0.0068	0.0131	0.3320	0.2715	0.00465	0.9472
rs910912	C	T	-0.0236	-0.0106	0.0066	0.0135	0.7370	0.7554	0.00033	0.4299
rs925524	G	A	0.0189	0.0133	0.0062	0.0132	0.7060	0.7401	0.00239	0.3150
rs9288999	A	G	0.0155	0.0034	0.0063	0.0127	0.7220	0.7065	0.0134	0.7887
rs9302604	G	A	0.0068	0.0076	0.0058	0.0118	0.4570	0.4244	0.235	0.5180

rs9323328	G	A	-0.0146	-0.0195	0.0057	0.0116	0.5410	0.4654	0.0105	0.0925
rs9331343	C	T	-0.0083	-0.0094	0.0057	0.0118	0.5890	0.5647	0.146	0.4253
rs951740	A	G	0.0346	-0.0015	0.0059	0.0119	0.6340	0.6084	3.62E-09	0.8976
rs9538162	C	T	0.0198	-0.0115	0.0057	0.0118	0.4000	0.4004	0.000574	0.3299
rs9540731	T	C	-0.0236	-0.0031	0.0057	0.0116	0.5010	0.4591	2.98E-05	0.7897
rs9545155	C	T	-0.0198	0.0194	0.0057	0.0116	0.4700	0.4750	0.000518	0.0950
rs9687000	C	T	0.0137	0.0007	0.0060	0.0121	0.6650	0.3533	0.0231	0.9550
rs9826984	A	G	-0.0271	-0.0114	0.0057	0.0115	0.5480	0.5022	1.90E-06	0.3218
rs9841807	T	C	0.0154	-0.0020	0.0063	0.0123	0.2760	0.3367	0.015	0.8695
rs9850597	A	G	-0.0180	-0.0070	0.0073	0.0138	0.8080	0.7690	0.0141	0.6095
rs9922607	T	C	-0.0322	-0.0133	0.0075	0.0215	0.1960	0.0791	1.55E-05	0.5365
rs9987376	G	T	-0.0267	0.0094	0.0057	0.0121	0.5860	0.6422	3.41E-06	0.4336

Lifetime smoking index

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs10052591	T	C	0.0084	-0.0043	0.0014	0.0118	0.5734	0.5886	2.10E-09	0.7179
rs10226228	A	G	-0.0114	-0.0103	0.0014	0.0128	0.6296	0.7152	2.00E-15	0.4213
rs10282292	C	T	0.0090	0.0191	0.0014	0.0119	0.3618	0.3734	5.90E-10	0.1105
rs1050847	C	T	0.0080	-0.0092	0.0014	0.0116	0.4258	0.4925	1.40E-08	0.4264
rs10879871	T	G	-0.0096	-0.0108	0.0015	0.0121	0.3434	0.3523	5.00E-11	0.3731
rs10918701	G	A	0.0080	0.0219	0.0014	0.0120	0.3722	0.3675	2.10E-08	0.0679
rs11210229	A	G	0.0117	0.0084	0.0014	0.0119	0.3837	0.3743	2.00E-16	0.4809
rs112282219	G	A	-0.0232	-0.0760	0.0035	0.0365	0.9589	0.9739	3.80E-11	0.0372
rs11255908	T	G	-0.0101	-0.0085	0.0016	0.0158	0.7435	0.8410	2.30E-10	0.5920

rs113382419	C	A	-0.0282	0.0558	0.0022	0.0327	0.8893	0.9676	3.00E-37	0.0881
rs11783093	C	T	0.0157	0.0021	0.0019	0.0175	0.8388	0.8750	1.20E-16	0.9039
rs11861214	G	T	0.0095	0.0060	0.0017	0.0122	0.7836	0.6610	2.00E-08	0.6255
rs11948770	T	C	-0.0102	0.0163	0.0016	0.0131	0.7682	0.7323	4.90E-10	0.2121
rs12202536	A	G	-0.0082	0.0078	0.0014	0.0116	0.5128	0.5396	2.80E-09	0.5010
rs1246265	T	C	-0.0089	-0.0010	0.0015	0.0128	0.3046	0.2818	4.20E-09	0.9381
rs12623702	A	G	-0.0098	0.0038	0.0014	0.0117	0.6134	0.5335	7.70E-12	0.7468
rs12708665	A	G	-0.0091	0.0164	0.0015	0.0129	0.2846	0.2737	3.50E-09	0.2037
rs12831617	C	T	-0.0092	-0.0140	0.0016	0.0156	0.7643	0.8354	1.90E-08	0.3714
rs12967855	A	G	0.0082	-0.0079	0.0015	0.0131	0.3312	0.2662	3.10E-08	0.5450
rs13009008	A	G	0.0086	-0.0032	0.0015	0.0119	0.3277	0.3776	4.60E-09	0.7894
rs13016665	C	A	-0.0085	-0.0178	0.0014	0.0116	0.5767	0.5263	1.80E-09	0.1244
rs13153393	A	G	-0.0137	0.0094	0.0022	0.0199	0.8839	0.9064	2.50E-10	0.6377
rs13296519	G	T	-0.0097	-0.0034	0.0014	0.0119	0.6064	0.6195	8.10E-12	0.7729
rs136233	A	G	-0.0100	0.0025	0.0018	0.0153	0.8091	0.8289	1.80E-08	0.8707
rs147412694	G	A	-0.0116	-0.0103	0.0019	0.0172	0.8500	0.8690	2.90E-09	0.5474
rs17309874	G	A	-0.0113	-0.0041	0.0016	0.0129	0.7404	0.7228	9.70E-13	0.7516
rs17553262	A	C	-0.0127	-0.0104	0.0022	0.0227	0.8846	0.9302	5.30E-09	0.6464
rs17576594	G	A	0.0110	0.0212	0.0016	0.0128	0.7235	0.7117	1.70E-12	0.0970
rs1922018	C	T	0.0100	-0.0003	0.0014	0.0123	0.3644	0.3290	3.00E-12	0.9830
rs1931263	G	T	-0.0076	-0.0107	0.0014	0.0117	0.5103	0.5751	4.00E-08	0.3593
rs1933270	T	G	0.0092	0.0214	0.0014	0.0118	0.3637	0.3987	1.50E-10	0.0705
rs202645	A	G	-0.0102	0.0185	0.0017	0.0137	0.2029	0.2345	3.90E-09	0.1765
rs2062882	G	A	-0.0081	0.0048	0.0014	0.0116	0.5868	0.5557	1.10E-08	0.6787
rs2254710	C	A	0.0090	0.0030	0.0016	0.0123	0.2364	0.3311	3.50E-08	0.8053

rs245774	A	G	-0.0090	-0.0009	0.0016	0.0124	0.2717	0.3243	7.40E-09	0.9421
rs2675638	G	A	0.0085	0.0061	0.0014	0.0119	0.5806	0.6167	1.30E-09	0.6098
rs2838834	C	T	-0.0094	0.0180	0.0015	0.0133	0.6995	0.7464	6.30E-10	0.1764
rs28485305	C	T	0.0080	0.0148	0.0014	0.0119	0.6315	0.6218	2.60E-08	0.2125
rs2867112	T	G	0.0148	-0.0117	0.0019	0.0156	0.8346	0.8374	4.80E-15	0.4527
rs2890772	G	T	-0.0137	-0.0010	0.0014	0.0134	0.4132	0.2491	2.10E-22	0.9402
rs326341	G	A	0.0094	0.0177	0.0014	0.0116	0.5249	0.5536	1.20E-11	0.1274
rs329120	C	T	0.0097	0.0030	0.0014	0.0117	0.5807	0.5772	6.30E-12	0.8010
rs34866095	A	G	-0.0086	-0.0022	0.0015	0.0135	0.6862	0.7575	1.20E-08	0.8689
rs348809	A	G	-0.0083	-0.0155	0.0015	0.0124	0.3476	0.3159	1.30E-08	0.2104
rs35169606	T	G	0.0088	0.0016	0.0014	0.0176	0.6122	0.6391	1.20E-09	0.9269
rs35175834	G	A	-0.0164	-0.0180	0.0017	0.0139	0.7884	0.7776	4.60E-22	0.1930
rs35343344	C	A	0.0092	0.0076	0.0016	0.0137	0.7327	0.7621	8.80E-09	0.5782
rs359243	T	C	-0.0087	0.0220	0.0014	0.0120	0.3929	0.3608	9.50E-10	0.0682
rs369230	G	T	-0.0091	0.0053	0.0015	0.0121	0.3076	0.3631	1.80E-09	0.6638
rs3742365	T	C	-0.0108	0.0023	0.0014	0.0117	0.5951	0.5618	2.50E-14	0.8424
rs3811038	T	C	-0.0095	0.0040	0.0016	0.0138	0.7239	0.7699	8.90E-10	0.7725
rs3896224	A	G	0.0096	-0.0046	0.0014	0.0116	0.5853	0.5080	1.10E-11	0.6941
rs421983	T	C	0.0087	0.0126	0.0014	0.0116	0.5190	0.4351	3.30E-10	0.2777
rs4391802	A	G	0.0103	0.0021	0.0015	0.0136	0.7075	0.7591	1.40E-11	0.8776
rs4543592	T	C	-0.0087	-0.0195	0.0014	0.0118	0.5199	0.6061	4.50E-10	0.0998
rs4571506	C	T	0.0079	-0.0077	0.0014	0.0116	0.5395	0.5448	1.50E-08	0.5074
rs4671357	T	C	-0.0094	0.0186	0.0014	0.0119	0.5188	0.3933	1.10E-11	0.1173
rs4731925	C	T	-0.0083	-0.0147	0.0015	0.0128	0.3156	0.2876	2.60E-08	0.2495
rs4814873	C	T	0.0097	0.0233	0.0016	0.0135	0.7666	0.7576	2.90E-09	0.0846

rs4949465	T	C	-0.0116	-0.0125	0.0021	0.0155	0.8696	0.8297	1.70E-08	0.4206
rs4957528	A	C	-0.0101	0.0130	0.0017	0.0165	0.2085	0.1447	4.20E-09	0.4318
rs549845	G	A	0.0113	-0.0047	0.0015	0.0131	0.3012	0.2630	8.30E-14	0.7228
rs57611503	G	A	0.0077	-0.0098	0.0014	0.0117	0.4846	0.5121	4.00E-08	0.3982
rs6011779	C	T	0.0191	0.0211	0.0018	0.0135	0.1912	0.2434	2.30E-27	0.1180
rs60952428	T	C	0.0134	-0.0227	0.0024	0.0200	0.9091	0.9079	3.00E-08	0.2556
rs6119897	G	A	-0.0128	0.0162	0.0016	0.0124	0.7617	0.6771	3.60E-15	0.1910
rs62098013	G	A	-0.0086	-0.0137	0.0015	0.0121	0.6399	0.6480	4.10E-09	0.2604
rs62135536	C	T	0.0243	-0.0783	0.0040	0.0282	0.9683	0.9574	8.00E-10	0.0056
rs62155874	A	G	-0.0169	0.0139	0.0021	0.0190	0.8734	0.8935	5.20E-16	0.4637
rs62175972	T	C	0.0217	0.0751	0.0039	0.0445	0.9659	0.9832	1.70E-08	0.0916
rs624833	T	G	0.0093	-0.0152	0.0015	0.0121	0.6947	0.6421	6.60E-10	0.2101
rs6598539	T	C	-0.0082	-0.0203	0.0014	0.0116	0.4887	0.4782	4.50E-09	0.0801
rs6741228	T	C	0.0079	0.0047	0.0014	0.0116	0.4333	0.5262	1.60E-08	0.6880
rs67596067	G	A	-0.0089	-0.0083	0.0015	0.0128	0.6488	0.7183	1.20E-09	0.5174
rs6778080	T	C	0.0111	-0.0055	0.0016	0.0141	0.2674	0.2149	1.30E-12	0.6952
rs6779302	G	T	-0.0088	-0.0226	0.0014	0.0120	0.6329	0.6404	1.20E-09	0.0609
rs6935954	A	G	0.0096	-0.0161	0.0014	0.0123	0.4211	0.3429	8.20E-12	0.1904
rs6957896	C	T	-0.0076	-0.0053	0.0014	0.0118	0.5033	0.5861	4.50E-08	0.6506
rs6962772	A	G	0.0111	0.0180	0.0019	0.0138	0.8456	0.7768	7.80E-09	0.1923
rs7039819	G	A	0.0087	-0.0135	0.0014	0.0116	0.4273	0.4500	5.10E-10	0.2471
rs7077678	C	T	0.0086	0.0050	0.0014	0.0118	0.6234	0.6084	2.60E-09	0.6749
rs71367545	G	A	-0.0103	0.0120	0.0017	0.0141	0.7905	0.7827	1.40E-09	0.3941
rs7155595	A	C	-0.0089	-0.0130	0.0015	0.0126	0.6743	0.6983	2.50E-09	0.3026
rs71627581	G	A	0.0133	0.0127	0.0022	0.0154	0.8888	0.8290	1.60E-09	0.4122

rs72678864	G	A	0.0124	-0.0026	0.0018	0.0168	0.8286	0.8601	1.60E-11	0.8773
rs7297175	T	C	-0.0081	0.0043	0.0014	0.0117	0.4314	0.4293	6.60E-09	0.7140
rs732083	G	A	0.0083	0.0094	0.0015	0.0124	0.3334	0.3180	1.50E-08	0.4470
rs73220544	A	C	-0.0108	-0.0130	0.0019	0.0135	0.8423	0.7520	1.50E-08	0.3329
rs7333559	G	A	0.0107	0.0073	0.0017	0.0156	0.2117	0.1642	3.20E-10	0.6384
rs74086911	G	A	0.0148	0.0331	0.0026	0.0253	0.9255	0.9447	2.10E-08	0.1906
rs7519626	C	T	0.0084	-0.0056	0.0015	0.0119	0.3237	0.3834	1.20E-08	0.6388
rs7528604	G	A	0.0097	0.0170	0.0014	0.0120	0.5656	0.6279	5.70E-12	0.1556
rs7553348	G	A	0.0096	-0.0093	0.0014	0.0115	0.4377	0.5088	5.20E-12	0.4205
rs7569203	A	C	-0.0108	0.0300	0.0015	0.0118	0.6887	0.5990	7.40E-13	0.0113
rs75742406	G	A	0.0096	0.0111	0.0016	0.0129	0.7389	0.7229	1.30E-09	0.3894
rs76608582	C	A	0.0216	-0.0305	0.0034	0.0250	0.9530	0.9420	3.20E-10	0.2236
rs7766610	C	A	0.0126	0.0080	0.0018	0.0128	0.1826	0.2883	2.20E-12	0.5311
rs7807019	A	G	-0.0104	0.0112	0.0014	0.0117	0.5403	0.4183	6.70E-14	0.3382
rs8042134	T	G	-0.0099	-0.0013	0.0014	0.0116	0.5411	0.5092	1.30E-12	0.9104
rs8042849	C	T	0.0192	0.0141	0.0015	0.0121	0.3423	0.3561	1.80E-39	0.2427
rs860326	C	T	0.0083	-0.0147	0.0014	0.0117	0.4277	0.5614	2.70E-09	0.2087
rs8614	C	A	-0.0115	0.0168	0.0018	0.0162	0.8175	0.8455	1.80E-10	0.3003
rs889398	C	T	0.0092	0.0342	0.0014	0.0118	0.5880	0.5733	6.30E-11	0.0037
rs9842947	C	T	-0.0088	0.0056	0.0015	0.0125	0.3262	0.3076	3.10E-09	0.6521
rs986391	G	A	0.0111	0.0153	0.0014	0.0122	0.3666	0.3427	9.40E-15	0.2085
rs9904288	T	C	0.0084	0.0326	0.0015	0.0131	0.7078	0.7338	3.10E-08	0.0127
rs9919670	G	A	-0.0152	0.0011	0.0014	0.0120	0.6122	0.3738	7.60E-27	0.9299

Alcohol use_GSCAN

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs10236149	G	A	-0.0135	-0.0196	0.1230	0.1781	0.0022	0.0151	1.18E-09	0.1938
rs10438820	T	C	0.0090	-0.0052	0.7020	0.6427	0.0016	0.0121	1.76E-08	0.6635
rs10506274	T	G	-0.0090	-0.0012	0.4840	0.4478	0.0015	0.0117	5.78E-10	0.9209
rs10745570	T	C	-0.0088	0.0158	0.5840	0.6590	0.0015	0.0122	2.73E-09	0.1972
rs10750025	T	C	0.0103	0.0343	0.6860	0.8365	0.0016	0.0157	4.89E-11	0.0290
rs10753661	A	G	-0.0086	-0.0139	0.6840	0.6937	0.0016	0.0125	3.76E-08	0.2674
rs10876188	T	C	-0.0080	0.0022	0.4570	0.5147	0.0015	0.0116	4.84E-08	0.8457
rs10978550	C	T	-0.0117	0.0027	0.2060	0.2366	0.0018	0.0136	7.15E-11	0.8433
rs11030084	T	C	-0.0106	-0.0131	0.1840	0.1520	0.0019	0.0161	1.72E-08	0.4140
rs113443718	A	G	-0.0102	-0.0200	0.3050	0.3141	0.0016	0.0125	1.19E-10	0.1109
rs11625650	A	G	-0.0096	0.0149	0.2330	0.1878	0.0017	0.0149	2.89E-08	0.3185
rs11692435	A	G	0.0174	0.0036	0.0852	0.2331	0.0026	0.0138	2.53E-11	0.7958
rs11940694	G	A	0.0259	0.0080	0.5970	0.6471	0.0015	0.0121	3.03E-68	0.5076
rs12088813	C	A	-0.0093	-0.0158	0.2670	0.2400	0.0016	0.0135	1.58E-08	0.2414
rs1217091	C	T	0.0122	-0.0393	0.8120	0.8203	0.0019	0.0151	7.05E-11	0.0096
rs1229984	C	T	0.1505	-0.0853	0.9630	0.9946	0.0039	0.0794	1.00E-200	0.2828
rs1260326	C	T	0.0209	-0.0061	0.6010	0.6493	0.0015	0.0122	8.05E-45	0.6150
rs12655091	A	G	-0.0083	0.0038	0.5300	0.4963	0.0015	0.0116	1.25E-08	0.7451
rs12795042	C	A	-0.0083	0.0222	0.6230	0.7032	0.0015	0.0127	3.25E-08	0.0804
rs12907323	G	A	0.0085	0.0041	0.4110	0.3346	0.0015	0.0123	9.93E-09	0.7388
rs13024996	A	C	-0.0109	-0.0340	0.3640	0.3267	0.0015	0.0123	5.72E-13	0.0056
rs13032049	G	A	0.0102	-0.0202	0.2830	0.2552	0.0016	0.0133	3.00E-10	0.1284

rs13066454	T	C	-0.0088	0.0014	0.3980	0.4270	0.0015	0.0117	4.13E-09	0.9030
rs13107325	T	C	-0.0275	0.1252	0.0722	0.0142	0.0028	0.0492	1.53E-22	0.0110
rs13250583	T	C	-0.0097	0.0091	0.2130	0.2440	0.0018	0.0134	4.70E-08	0.4982
rs13383034	T	C	0.0149	-0.0284	0.3290	0.3977	0.0016	0.0119	6.31E-22	0.0165
rs1713676	G	A	-0.0080	-0.0010	0.5225	0.5592	0.0015	0.0117	4.29E-08	0.9306
rs17177078	T	C	-0.0223	0.0363	0.0626	0.0685	0.0030	0.0228	1.27E-13	0.1115
rs17665139	T	C	-0.0116	-0.0241	0.1490	0.1356	0.0020	0.0169	1.59E-08	0.1531
rs2011092	C	T	-0.0089	-0.0181	0.3386	0.3722	0.0015	0.0120	7.35E-09	0.1309
rs2165670	A	G	0.0231	-0.0074	0.1063	0.1406	0.0024	0.0167	1.67E-22	0.6571
rs2180870	C	T	-0.0122	0.0189	0.1350	0.1038	0.0021	0.0189	1.12E-08	0.3187
rs2472297	T	C	0.0106	0.0390	0.2490	0.2478	0.0017	0.0134	3.10E-10	0.0036
rs2532276	A	C	-0.0218	0.0425	0.2150	0.0825	0.0026	0.0211	1.62E-17	0.0445
rs2622236	C	T	0.0132	-0.0051	0.4580	0.3902	0.0015	0.0119	1.58E-19	0.6680
rs2764771	A	G	0.0099	0.0176	0.3070	0.3883	0.0016	0.0119	4.02E-10	0.1399
rs281379	A	G	0.0137	-0.0292	0.5080	0.4087	0.0015	0.0117	4.91E-21	0.0129
rs2854334	G	A	0.0092	-0.0013	0.6150	0.6014	0.0015	0.0118	7.51E-10	0.9100
rs28680958	A	G	-0.0110	-0.0171	0.2170	0.1950	0.0018	0.0145	5.13E-10	0.2376
rs28929474	T	C	-0.0368	0.0272	0.0183	0.0197	0.0054	0.0423	1.34E-11	0.5191
rs35034355	A	G	-0.0081	-0.0006	0.5210	0.4883	0.0015	0.0116	2.87E-08	0.9596
rs36052336	G	A	-0.0184	0.0287	0.0615	0.0656	0.0030	0.0234	1.23E-09	0.2209
rs3748034	T	G	-0.0117	0.0045	0.1430	0.1263	0.0021	0.0175	1.67E-08	0.7970
rs3803800	G	A	0.0114	0.0000	0.7860	0.7547	0.0018	0.0134	1.50E-10	0.9999
rs3809162	G	A	0.0091	-0.0130	0.3970	0.4771	0.0015	0.0117	1.19E-09	0.2659
rs4092465	G	A	-0.0083	-0.0110	0.6350	0.6229	0.0015	0.0121	4.39E-08	0.3628
rs4548913	A	G	-0.0084	-0.0045	0.6320	0.6137	0.0015	0.0118	3.11E-08	0.7049

rs4699791	A	G	0.0186	0.0190	0.0957	0.1307	0.0025	0.0172	6.58E-14	0.2683
rs4815364	A	G	0.0086	-0.0088	0.6160	0.6565	0.0015	0.0122	1.02E-08	0.4702
rs4916723	C	A	-0.0100	-0.0147	0.4160	0.4680	0.0015	0.0116	1.72E-11	0.2035
rs4938230	A	C	0.0128	0.0057	0.8420	0.8239	0.0020	0.0152	1.48E-10	0.7055
rs55872084	T	G	0.0100	-0.0073	0.2350	0.1601	0.0017	0.0158	6.32E-09	0.6422
rs55932213	G	A	0.0095	0.0019	0.7364	0.7314	0.0017	0.0131	9.55E-09	0.8853
rs56030824	A	G	-0.0116	0.0045	0.3220	0.3129	0.0016	0.0134	1.15E-13	0.7360
rs56337305	C	T	-0.0096	0.0015	0.3830	0.3376	0.0015	0.0123	1.63E-10	0.8997
rs58107686	A	C	-0.0097	0.0199	0.3280	0.3355	0.0016	0.0122	7.79E-10	0.1046
rs62250685	G	A	-0.0144	0.0151	0.6140	0.7086	0.0015	0.0128	1.05E-21	0.2365
rs6460047	C	T	0.0116	0.0349	0.2080	0.1686	0.0018	0.0155	9.69E-11	0.0243
rs6787172	G	T	-0.0080	0.0062	0.5540	0.5150	0.0015	0.0116	4.27E-08	0.5947
rs682011	C	T	0.0082	-0.0181	0.5590	0.5988	0.0015	0.0118	2.22E-08	0.1246
rs705687	G	A	-0.0109	0.0047	0.7850	0.8290	0.0018	0.0154	8.15E-10	0.7586
rs7074871	A	G	-0.0094	0.0146	0.2550	0.2334	0.0017	0.0137	1.86E-08	0.2856
rs708723	T	C	0.0088	0.0092	0.5530	0.5785	0.0015	0.0117	2.31E-09	0.4350
rs72859280	T	G	0.0229	0.0104	0.0362	0.0474	0.0039	0.0277	4.44E-09	0.7063
rs77165542	T	C	-0.0260	-0.0245	0.0349	0.0174	0.0040	0.0445	5.63E-11	0.5815
rs7950166	T	C	-0.0098	-0.0121	0.6370	0.6503	0.0015	0.0121	9.89E-11	0.3168
rs828867	A	G	0.0088	-0.0218	0.5450	0.6243	0.0015	0.0121	2.15E-09	0.0718
rs9607814	A	C	-0.0102	0.0180	0.2000	0.2343	0.0019	0.0137	4.31E-08	0.1875
rs9950000	T	C	-0.0091	0.0135	0.3950	0.3739	0.0015	0.0120	9.38E-10	0.2603

Alcohol use_GSCAN minus 23andMe

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs1004787	A	G	0.0153	-0.0079	0.0019	0.0119	0.5810	0.6252	3.31E-15	0.5075
rs10085696	G	A	-0.0161	-0.0159	0.0025	0.0142	0.2010	0.2094	1.24E-10	0.2618
rs10236149	G	A	-0.0158	-0.0196	0.0029	0.0151	0.1700	0.1781	8.65E-08	0.1938
rs10438820	T	C	0.0113	-0.0052	0.0021	0.0121	0.6850	0.6427	8.04E-08	0.6635
rs10506274	T	G	-0.0102	-0.0012	0.0019	0.0117	0.4580	0.4478	1.34E-07	0.9209
rs10745570	T	C	-0.0097	0.0158	0.0020	0.0122	0.6020	0.6590	9.61E-07	0.1972
rs10750025	T	C	0.0146	0.0343	0.0021	0.0157	0.6980	0.8365	2.95E-12	0.0290
rs10753661	A	G	-0.0114	-0.0139	0.0021	0.0125	0.7020	0.6937	4.24E-08	0.2674
rs10876188	T	C	-0.0094	0.0022	0.0019	0.0116	0.4660	0.5147	1.19E-06	0.8457
rs10978550	C	T	-0.0123	0.0027	0.0024	0.0136	0.2050	0.2366	3.19E-07	0.8433
rs11030084	T	C	-0.0136	-0.0131	0.0025	0.0161	0.1980	0.1520	5.05E-08	0.4140
rs113443718	A	G	-0.0114	-0.0200	0.0021	0.0125	0.2820	0.3141	5.26E-08	0.1109
rs11625650	A	G	-0.0099	0.0149	0.0023	0.0149	0.2400	0.1878	1.42E-05	0.3185
rs11692435	A	G	0.0148	0.0036	0.0034	0.0138	0.0856	0.2331	1.06E-05	0.7958
rs11940694	G	A	0.0282	0.0080	0.0020	0.0121	0.5950	0.6471	3.11E-46	0.5076
rs12088813	C	A	-0.0083	-0.0158	0.0022	0.0135	0.2600	0.2400	0.000148	0.2414
rs1217091	C	T	0.0109	-0.0393	0.0025	0.0151	0.8100	0.8203	1.11E-05	0.0096
rs1229984	C	T	0.1881	-0.0853	0.0062	0.0794	0.9530	0.9946	1.00E-200	0.2828
rs1260326	C	T	0.0238	-0.0061	0.0020	0.0122	0.5950	0.6493	3.33E-33	0.6150
rs12655091	A	G	-0.0097	0.0038	0.0019	0.0116	0.5080	0.4963	4.75E-07	0.7451
rs12795042	C	A	-0.0082	0.0222	0.0020	0.0127	0.6210	0.7032	3.65E-05	0.0804
rs12907323	G	A	0.0089	0.0041	0.0020	0.0123	0.4230	0.3346	6.56E-06	0.7388

rs13024996	A	C	-0.0120	-0.0340	0.0020	0.0123	0.3520	0.3267	2.08E-09	0.0056
rs13032049	G	A	0.0133	-0.0202	0.0022	0.0133	0.2800	0.2552	5.95E-10	0.1284
rs13066454	T	C	-0.0071	0.0014	0.0020	0.0117	0.4010	0.4270	0.000356	0.9030
rs13107325	T	C	-0.0365	0.1252	0.0039	0.0492	0.0654	0.0142	1.23E-20	0.0110
rs13250583	T	C	-0.0104	0.0091	0.0024	0.0134	0.2040	0.2440	1.01E-05	0.4982
rs17029090	G	A	0.0158	-0.0011	0.0069	0.0463	0.0268	0.0157	0.0225	0.9810
rs1713676	G	A	-0.0106	-0.0010	0.0019	0.0117	0.5220	0.5592	4.00E-08	0.9306
rs17177078	T	C	-0.0250	0.0363	0.0041	0.0228	0.0664	0.0685	9.51E-10	0.1115
rs17665139	T	C	-0.0108	-0.0241	0.0027	0.0169	0.1440	0.1356	6.83E-05	0.1531
rs2165670	A	G	0.0275	-0.0074	0.0031	0.0167	0.0984	0.1406	3.03E-19	0.6571
rs2180870	C	T	-0.0150	0.0189	0.0029	0.0189	0.1320	0.1038	1.72E-07	0.3187
rs2472297	T	C	0.0111	0.0390	0.0022	0.0134	0.2060	0.2478	4.00E-07	0.0036
rs2622236	C	T	0.0128	-0.0051	0.0019	0.0119	0.4590	0.3902	4.44E-11	0.6680
rs2764771	A	G	0.0084	0.0176	0.0021	0.0119	0.3240	0.3883	5.41E-05	0.1399
rs281379	A	G	0.0151	-0.0292	0.0019	0.0117	0.4770	0.4087	5.99E-15	0.0129
rs2854334	G	A	0.0099	-0.0013	0.0020	0.0118	0.6080	0.6014	6.29E-07	0.9100
rs28680958	A	G	-0.0136	-0.0171	0.0024	0.0145	0.2300	0.1950	9.78E-09	0.2376
rs28929474	T	C	-0.0477	0.0272	0.0071	0.0423	0.0154	0.0197	2.39E-11	0.5191
rs35034355	A	G	-0.0102	-0.0006	0.0019	0.0116	0.4860	0.4883	1.34E-07	0.9596
rs36052336	G	A	-0.0119	0.0287	0.0040	0.0234	0.0519	0.0656	0.00262	0.2209
rs3748034	T	G	-0.0120	0.0045	0.0028	0.0175	0.1330	0.1263	1.40E-05	0.7970
rs3803800	G	A	0.0124	0.0000	0.0023	0.0134	0.7720	0.7547	1.24E-07	0.9999
rs3809162	G	A	0.0099	-0.0130	0.0020	0.0117	0.4140	0.4771	4.61E-07	0.2659
rs4092465	G	A	-0.0100	-0.0110	0.0020	0.0121	0.6100	0.6229	5.85E-07	0.3628
rs4548913	A	G	-0.0087	-0.0045	0.0020	0.0118	0.6210	0.6137	1.39E-05	0.7049

rs4699791	A	G	0.0053	0.0190	0.0033	0.0172	0.1140	0.1307	0.106	0.2683
rs4815364	A	G	0.0106	-0.0088	0.0020	0.0122	0.6280	0.6565	9.28E-08	0.4702
rs4916723	C	A	-0.0113	-0.0147	0.0020	0.0116	0.4040	0.4680	8.07E-09	0.2035
rs4938230	A	C	0.0153	0.0057	0.0027	0.0152	0.8370	0.8239	1.57E-08	0.7055
rs55872084	T	G	0.0127	-0.0073	0.0023	0.0158	0.2180	0.1601	1.98E-08	0.6422
rs55932213	G	A	0.0125	0.0019	0.0022	0.0131	0.7010	0.7314	1.80E-08	0.8853
rs56030824	A	G	-0.0144	0.0045	0.0021	0.0134	0.3170	0.3129	4.94E-12	0.7360
rs56337305	C	T	-0.0101	0.0015	0.0020	0.0123	0.3750	0.3376	3.84E-07	0.8997
rs58107686	A	C	-0.0114	0.0199	0.0021	0.0122	0.3440	0.3355	1.06E-07	0.1046
rs60654199	A	C	-0.0205	-0.0088	0.0040	0.0268	0.0670	0.0487	2.75E-07	0.7440
rs62250685	G	A	-0.0141	0.0151	0.0020	0.0128	0.6120	0.7086	1.36E-12	0.2365
rs6787172	G	T	-0.0105	0.0062	0.0019	0.0116	0.5460	0.5150	5.49E-08	0.5947
rs682011	C	T	0.0110	-0.0181	0.0019	0.0118	0.5670	0.5988	1.53E-08	0.1246
rs705687	G	A	-0.0100	0.0047	0.0023	0.0154	0.7960	0.8290	1.97E-05	0.7586
rs7074871	A	G	-0.0109	0.0146	0.0022	0.0137	0.2540	0.2334	7.56E-07	0.2856
rs708723	T	C	0.0082	0.0092	0.0019	0.0117	0.5550	0.5785	2.60E-05	0.4350
rs72859280	T	G	0.0240	0.0104	0.0052	0.0277	0.0355	0.0474	3.64E-06	0.7063
rs77165542	T	C	-0.0193	-0.0245	0.0054	0.0445	0.0283	0.0174	0.000367	0.5815
rs7950166	T	C	-0.0090	-0.0121	0.0020	0.0121	0.6140	0.6503	8.75E-06	0.3168
rs828867	A	G	0.0097	-0.0218	0.0019	0.0121	0.5440	0.6243	5.96E-07	0.0718
rs9607814	A	C	-0.0129	0.0180	0.0025	0.0137	0.2120	0.2343	3.16E-07	0.1875
rs9950000	T	C	-0.0098	0.0135	0.0020	0.0120	0.4110	0.3739	7.75E-07	0.2603

Alcohol use_GSCAN minus 23andMe and UKB

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs10085696	G	A	-0.0145	-0.0159	0.0038	0.0142	0.2010	0.2094	0.000163	0.2618
rs10236149	G	A	-0.0136	-0.0196	0.0046	0.0151	0.1700	0.1781	0.00303	0.1938
rs10438820	T	C	0.0118	-0.0052	0.0033	0.0121	0.6850	0.6427	0.000296	0.6635
rs10506274	T	G	-0.0076	-0.0012	0.0030	0.0117	0.4580	0.4478	0.0108	0.9209
rs10745570	T	C	-0.0132	0.0158	0.0031	0.0122	0.6020	0.6590	1.68E-05	0.1972
rs10750025	T	C	0.0119	0.0343	0.0033	0.0157	0.6980	0.8365	0.000266	0.0290
rs10753661	A	G	-0.0071	-0.0139	0.0032	0.0125	0.7020	0.6937	0.0265	0.2674
rs10876188	T	C	-0.0080	0.0022	0.0030	0.0116	0.4660	0.5147	0.00714	0.8457
rs10978550	C	T	-0.0065	0.0027	0.0037	0.0136	0.2050	0.2366	0.0781	0.8433
rs11030084	T	C	-0.0113	-0.0131	0.0039	0.0161	0.1980	0.1520	0.00379	0.4140
rs113443718	A	G	-0.0083	-0.0200	0.0032	0.0125	0.2820	0.3141	0.00968	0.1109
rs11625650	A	G	-0.0101	0.0149	0.0036	0.0149	0.2400	0.1878	0.00489	0.3185
rs11692435	A	G	0.0067	0.0036	0.0050	0.0138	0.0856	0.2331	0.181	0.7958
rs11940694	G	A	0.0229	0.0080	0.0030	0.0121	0.5950	0.6471	4.82E-14	0.5076
rs12088813	C	A	-0.0042	-0.0158	0.0034	0.0135	0.2600	0.2400	0.225	0.2414
rs1217091	C	T	0.0111	-0.0393	0.0038	0.0151	0.8100	0.8203	0.00393	0.0096
rs1229984	C	T	0.1450	-0.0853	0.0085	0.0794	0.9530	0.9946	1.12E-65	0.2828
rs1260326	C	T	0.0140	-0.0061	0.0031	0.0122	0.5950	0.6493	4.74E-06	0.6150
rs12655091	A	G	-0.0108	0.0038	0.0030	0.0116	0.5080	0.4963	0.000283	0.7451
rs12795042	C	A	-0.0131	0.0222	0.0031	0.0127	0.6210	0.7032	2.25E-05	0.0804
rs12907323	G	A	0.0079	0.0041	0.0030	0.0123	0.4230	0.3346	0.00885	0.7388
rs13024996	A	C	-0.0088	-0.0340	0.0031	0.0123	0.3520	0.3267	0.00482	0.0056
rs13032049	G	A	0.0160	-0.0202	0.0033	0.0133	0.2800	0.2552	1.43E-06	0.1284

rs13066454	T	C	-0.0045	0.0014	0.0031	0.0117	0.4010	0.4270	0.137	0.9030
rs13107325	T	C	-0.0350	0.1252	0.0066	0.0492	0.0654	0.0142	1.32E-07	0.0110
rs13250583	T	C	-0.0096	0.0091	0.0036	0.0134	0.2040	0.2440	0.00796	0.4982
rs13383034	T	C	0.0115	-0.0284	0.0031	0.0119	0.3360	0.3977	0.000201	0.0165
rs17029090	G	A	0.0170	-0.0011	0.0106	0.0463	0.0268	0.0157	0.108	0.9810
rs1713676	G	A	-0.0070	-0.0010	0.0030	0.0117	0.5220	0.5592	0.0188	0.9306
rs17177078	T	C	-0.0187	0.0363	0.0060	0.0228	0.0664	0.0685	0.00201	0.1115
rs17665139	T	C	-0.0122	-0.0241	0.0042	0.0169	0.1440	0.1356	0.00349	0.1531
rs2165670	A	G	0.0256	-0.0074	0.0046	0.0167	0.0984	0.1406	1.98E-08	0.6571
rs2180870	C	T	-0.0169	0.0189	0.0045	0.0189	0.1320	0.1038	0.000145	0.3187
rs2472297	T	C	0.0088	0.0390	0.0034	0.0134	0.2060	0.2478	0.00937	0.0036
rs2622236	C	T	0.0087	-0.0051	0.0030	0.0119	0.4590	0.3902	0.00352	0.6680
rs2764771	A	G	0.0085	0.0176	0.0032	0.0119	0.3240	0.3883	0.00779	0.1399
rs281379	A	G	0.0173	-0.0292	0.0030	0.0117	0.4770	0.4087	6.11E-09	0.0129
rs2854334	G	A	0.0119	-0.0013	0.0030	0.0118	0.6080	0.6014	8.84E-05	0.9100
rs28680958	A	G	-0.0133	-0.0171	0.0037	0.0145	0.2300	0.1950	0.000322	0.2376
rs28929474	T	C	-0.0363	0.0272	0.0117	0.0423	0.0154	0.0197	0.00192	0.5191
rs35034355	A	G	-0.0092	-0.0006	0.0030	0.0116	0.4860	0.4883	0.00205	0.9596
rs36052336	G	A	-0.0163	0.0287	0.0063	0.0234	0.0519	0.0656	0.0101	0.2209
rs3748034	T	G	-0.0169	0.0045	0.0042	0.0175	0.1330	0.1263	5.87E-05	0.7970
rs3803800	G	A	0.0101	0.0000	0.0036	0.0134	0.7720	0.7547	0.00463	0.9999
rs3809162	G	A	0.0092	-0.0130	0.0030	0.0117	0.4140	0.4771	0.00231	0.2659
rs4092465	G	A	-0.0125	-0.0110	0.0031	0.0121	0.6100	0.6229	4.88E-05	0.3628
rs4548913	A	G	-0.0042	-0.0045	0.0031	0.0118	0.6210	0.6137	0.167	0.7049
rs4699791	A	G	0.0023	0.0190	0.0050	0.0172	0.1140	0.1307	0.643	0.2683

rs4815364	A	G	0.0073	-0.0088	0.0031	0.0122	0.6280	0.6565	0.0182	0.4702
rs4916723	C	A	-0.0093	-0.0147	0.0030	0.0116	0.4040	0.4680	0.00195	0.2035
rs4938230	A	C	0.0120	0.0057	0.0042	0.0152	0.8370	0.8239	0.00393	0.7055
rs55872084	T	G	0.0199	-0.0073	0.0036	0.0158	0.2180	0.1601	2.20E-08	0.6422
rs55932213	G	A	0.0089	0.0019	0.0034	0.0131	0.7010	0.7314	0.00927	0.8853
rs56030824	A	G	-0.0131	0.0045	0.0032	0.0134	0.3170	0.3129	5.00E-05	0.7360
rs56337305	C	T	-0.0106	0.0015	0.0031	0.0123	0.3750	0.3376	0.000495	0.8997
rs58107686	A	C	-0.0126	0.0199	0.0035	0.0122	0.3440	0.3355	0.000314	0.1046
rs60654199	A	C	-0.0218	-0.0088	0.0064	0.0268	0.0670	0.0487	0.000658	0.7440
rs62250685	G	A	-0.0124	0.0151	0.0031	0.0128	0.6120	0.7086	5.53E-05	0.2365
rs6787172	G	T	-0.0117	0.0062	0.0030	0.0116	0.5460	0.5150	8.51E-05	0.5947
rs682011	C	T	0.0079	-0.0181	0.0030	0.0118	0.5670	0.5988	0.00872	0.1246
rs705687	G	A	-0.0045	0.0047	0.0036	0.0154	0.7960	0.8290	0.221	0.7586
rs7074871	A	G	-0.0101	0.0146	0.0034	0.0137	0.2540	0.2334	0.00315	0.2856
rs708723	T	C	0.0102	0.0092	0.0030	0.0117	0.5550	0.5785	0.000689	0.4350
rs72859280	T	G	0.0349	0.0104	0.0083	0.0277	0.0355	0.0474	2.70E-05	0.7063
rs77165542	T	C	-0.0134	-0.0245	0.0089	0.0445	0.0283	0.0174	0.131	0.5815
rs7950166	T	C	-0.0094	-0.0121	0.0031	0.0121	0.6140	0.6503	0.00238	0.3168
rs828867	A	G	0.0068	-0.0218	0.0030	0.0121	0.5440	0.6243	0.0233	0.0718
rs9607814	A	C	-0.0066	0.0180	0.0041	0.0137	0.2120	0.2343	0.108	0.1875
rs9950000	T	C	-0.0068	0.0135	0.0031	0.0120	0.4110	0.3739	0.0255	0.2603

Coffee consumption_joint meta data

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome

rs1057868	T	C	1.9700	0.0086	0.1600	0.0118	0.2900	0.3943	5.26E-33	0.4658
rs1956218	G	A	0.8200	0.0001	0.1500	0.0117	0.5600	0.4473	3.62E-08	0.9937
rs2330783	G	T	4.5300	0.0226	0.6300	0.0694	0.9900	0.9928	1.57E-12	0.7447
rs2472297	T	C	4.5400	0.0390	0.1700	0.0134	0.2700	0.2478	5.19E-155	0.0036
rs4410790	C	T	3.9400	0.0089	0.1500	0.0123	0.6300	0.6649	5.59E-141	0.4669
rs73073176	C	T	2.3100	-0.0057	0.2200	0.0204	0.8700	0.9116	5.56E-25	0.7785

Coffee consumption_stage 1 data

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs1057868	T	C	1.8800	0.0086	0.1700	0.0118	0.2900	0.3943	2.44E-27	0.4658
rs1956218	G	A	0.7700	0.0001	0.1600	0.0117	0.5600	0.4473	1.27E-06	0.9937
rs2330783	G	T	4.4400	0.0226	0.6700	0.0694	0.9900	0.9928	6.20E-11	0.7447
rs2472297	T	C	4.5400	0.0390	0.1800	0.0134	0.2700	0.2478	8.28E-141	0.0036
rs4410790	C	T	3.8500	0.0089	0.1600	0.0123	0.6300	0.6649	4.73E-121	0.4669
rs73073176	C	T	2.3000	-0.0057	0.2300	0.0204	0.8700	0.9116	1.54E-22	0.7785

BMI

SNP	Effect allele	Other allele	β. exposure	β. outcome	se. exposure	se. outcome	eaf. exposure	eaf. outcome	*p*. exposure	*p*. outcome
rs10002111	A	G	0.0125	0.0128	0.0021	0.0140	0.2227	0.2219	1.26E-09	0.3614

rs10033843	A	G	0.0140	0.0027	0.0021	0.0136	0.2150	0.2370	1.07E-11	0.8412
rs10050620	T	C	-0.0130	-0.0061	0.0020	0.0121	0.3308	0.3501	1.20E-10	0.6155
rs1006317	T	G	0.0160	0.0096	0.0026	0.0181	0.1268	0.1154	3.75E-10	0.5960
rs10099330	A	G	-0.0119	-0.0192	0.0017	0.0117	0.5380	0.5566	3.22E-12	0.1003
rs10101364	T	C	0.0120	0.0287	0.0018	0.0119	0.6801	0.6156	5.61E-11	0.0160
rs10110189	T	C	-0.0156	0.0232	0.0028	0.0265	0.1057	0.0510	2.20E-08	0.3800
rs10132280	A	C	-0.0214	-0.0053	0.0018	0.0121	0.3110	0.3480	2.28E-33	0.6648
rs10145749	T	C	0.0161	-0.0252	0.0026	0.0155	0.1549	0.1676	8.33E-10	0.1037
rs10168563	A	G	0.0126	-0.0070	0.0018	0.0120	0.7031	0.6237	9.33E-12	0.5572
rs10169594	T	C	-0.0120	0.0076	0.0018	0.0120	0.6475	0.6390	1.34E-11	0.5263
rs10182181	A	G	-0.0327	0.0034	0.0016	0.0117	0.5052	0.5818	2.45E-91	0.7743
rs10197031	T	C	-0.0161	0.0078	0.0019	0.0122	0.7262	0.6563	5.05E-18	0.5212
rs10261050	T	C	0.0113	-0.0056	0.0017	0.0116	0.4754	0.4683	4.53E-11	0.6302
rs1048637	T	G	-0.0094	-0.0106	0.0017	0.0116	0.5474	0.4886	2.94E-08	0.3616
rs10499694	A	G	0.0130	-0.0056	0.0016	0.0117	0.4935	0.5732	1.29E-15	0.6303
rs10506971	A	G	-0.0142	-0.0096	0.0017	0.0119	0.5521	0.6240	4.69E-17	0.4196
rs10510419	T	G	-0.0168	0.0176	0.0023	0.0165	0.1467	0.1432	2.23E-13	0.2844
rs10518694	A	C	0.0144	0.0011	0.0024	0.0186	0.1394	0.1088	3.43E-09	0.9515
rs10733051	A	G	0.0093	-0.0101	0.0016	0.0117	0.5120	0.4329	6.96E-09	0.3862
rs10733682	A	G	0.0148	-0.0009	0.0016	0.0117	0.4594	0.5335	1.76E-19	0.9410
rs10741329	A	G	0.0115	-0.0175	0.0018	0.0130	0.6944	0.7265	3.91E-10	0.1787
rs10742752	T	C	-0.0123	-0.0217	0.0017	0.0117	0.3761	0.4268	1.20E-13	0.0627
rs1075901	T	C	-0.0118	-0.0246	0.0016	0.0118	0.4516	0.4049	4.43E-13	0.0367
rs10761785	T	G	-0.0133	-0.0029	0.0016	0.0116	0.5136	0.5155	3.47E-16	0.8043
rs10772983	T	C	-0.0100	-0.0011	0.0016	0.0115	0.5394	0.5008	6.21E-10	0.9233

rs10779751	A	G	0.0131	0.0042	0.0018	0.0133	0.2787	0.2557	2.66E-13	0.7516
rs10811868	A	G	-0.0100	0.0148	0.0018	0.0125	0.3200	0.3105	3.18E-08	0.2354
rs10829164	T	C	0.0151	0.0237	0.0024	0.0138	0.1468	0.2296	2.37E-10	0.0847
rs10864728	A	G	0.0110	0.0043	0.0019	0.0117	0.3978	0.4393	1.20E-08	0.7150
rs10892875	T	C	0.0125	0.0099	0.0020	0.0118	0.3794	0.5938	2.61E-10	0.4032
rs10909880	T	C	-0.0135	0.0041	0.0016	0.0117	0.4522	0.4305	2.21E-16	0.7277
rs10920336	A	G	-0.0101	0.0176	0.0017	0.0116	0.5327	0.5213	4.20E-09	0.1295
rs10920678	A	G	0.0149	0.0124	0.0016	0.0116	0.4250	0.5261	7.15E-20	0.2854
rs10929925	A	C	-0.0142	0.0100	0.0016	0.0116	0.4105	0.4984	3.05E-18	0.3871
rs10938397	A	G	-0.0322	-0.0273	0.0016	0.0116	0.5700	0.5263	2.42E-86	0.0186
rs10942267	A	G	0.0148	-0.0130	0.0018	0.0139	0.6927	0.7797	6.53E-16	0.3519
rs10961649	T	C	0.0104	-0.0085	0.0018	0.0128	0.3238	0.2856	1.51E-08	0.5090
rs10968114	A	C	0.0113	-0.0068	0.0017	0.0116	0.5331	0.4891	3.30E-11	0.5534
rs10992867	A	G	0.0162	-0.0100	0.0019	0.0125	0.2687	0.3152	3.20E-17	0.4220
rs11030618	T	C	0.0110	0.0225	0.0017	0.0116	0.5786	0.5481	1.67E-10	0.0525
rs11046972	T	C	0.0176	-0.0016	0.0032	0.0181	0.0714	0.1167	3.72E-08	0.9297
rs11060853	A	G	-0.0107	0.0017	0.0019	0.0119	0.5910	0.5973	3.10E-08	0.8849
rs11066188	A	G	-0.0114	0.0254	0.0016	0.0119	0.3762	0.3790	3.05E-12	0.0330
rs11115176	T	C	0.0131	-0.0002	0.0019	0.0138	0.7839	0.7744	6.79E-12	0.9908
rs11121210	T	C	-0.0111	-0.0363	0.0017	0.0126	0.3445	0.3009	2.37E-10	0.0040
rs11128021	A	G	-0.0181	-0.0033	0.0024	0.0152	0.1615	0.1763	1.63E-14	0.8298
rs11150911	A	C	0.0118	0.0198	0.0018	0.0125	0.2848	0.3058	3.72E-11	0.1141
rs11165643	T	C	0.0185	0.0144	0.0016	0.0118	0.5796	0.5992	4.49E-30	0.2207
rs11170468	A	C	0.0130	0.0073	0.0019	0.0148	0.7826	0.8105	1.12E-11	0.6194
rs11218510	A	G	-0.0140	0.0100	0.0020	0.0120	0.3949	0.3608	6.79E-13	0.4042

rs11246136	A	C	-0.0167	0.0007	0.0030	0.0208	0.1021	0.0853	2.03E-08	0.9750
rs112646560	T	C	0.0180	0.0128	0.0023	0.0146	0.2119	0.1985	1.29E-14	0.3794
rs11525873	T	C	0.0232	-0.0202	0.0032	0.0164	0.8995	0.8521	2.98E-13	0.2168
rs11538	A	G	-0.0138	-0.0215	0.0023	0.0147	0.8284	0.8070	1.09E-09	0.1437
rs11577094	T	C	0.0186	-0.0207	0.0030	0.0201	0.0791	0.0915	3.28E-10	0.3028
rs11594179	T	C	-0.0109	-0.0051	0.0019	0.0152	0.2328	0.1764	2.16E-08	0.7357
rs1159692	A	C	0.0135	0.0010	0.0017	0.0117	0.4752	0.4421	5.54E-15	0.9287
rs11611246	T	G	0.0223	-0.0146	0.0020	0.0141	0.1990	0.2171	2.04E-28	0.2990
rs11614340	T	C	-0.0117	-0.0155	0.0018	0.0132	0.7066	0.7369	1.87E-10	0.2374
rs11615578	T	C	0.0117	-0.0012	0.0020	0.0139	0.2575	0.2313	3.04E-09	0.9310
rs11633626	A	C	-0.0157	-0.0160	0.0018	0.0116	0.6313	0.5541	7.27E-19	0.1700
rs11636611	T	C	0.0104	0.0225	0.0017	0.0115	0.4981	0.4905	8.85E-10	0.0511
rs116374395	A	G	0.0321	0.0174	0.0052	0.0332	0.0348	0.0320	7.05E-10	0.5992
rs11649864	A	G	0.0192	-0.0216	0.0030	0.0253	0.0859	0.0550	2.52E-10	0.3935
rs11655587	T	C	-0.0210	-0.0078	0.0020	0.0121	0.3572	0.3494	6.87E-26	0.5218
rs11672660	T	C	-0.0338	0.0051	0.0021	0.0133	0.1871	0.2567	6.83E-60	0.6998
rs11692326	T	C	0.0147	-0.0099	0.0019	0.0141	0.2302	0.2137	1.69E-14	0.4818
rs11695013	T	C	-0.0104	-0.0004	0.0017	0.0122	0.6320	0.6573	2.43E-09	0.9734
rs11713193	A	G	0.0246	0.0021	0.0017	0.0118	0.5156	0.3983	3.02E-48	0.8585
rs11739877	T	C	0.0116	0.0014	0.0018	0.0116	0.6231	0.5335	4.01E-11	0.9047
rs11757278	T	C	0.0133	0.0053	0.0019	0.0118	0.6961	0.6096	6.92E-13	0.6567
rs11772246	T	C	0.0145	0.0150	0.0022	0.0143	0.8234	0.7931	3.69E-11	0.2949
rs11773362	T	C	-0.0105	0.0147	0.0018	0.0119	0.3396	0.3789	6.39E-09	0.2163
rs11782074	T	G	0.0124	0.0043	0.0018	0.0120	0.3675	0.3590	4.24E-12	0.7220
rs118081010	T	C	0.0518	-0.1318	0.0075	0.0946	0.0165	0.0041	5.28E-12	0.1634

rs11882409	A	C	0.0121	0.0161	0.0019	0.0151	0.3030	0.1810	3.31E-10	0.2876
rs11902450	T	C	0.0167	0.0279	0.0027	0.0280	0.1052	0.0453	1.06E-09	0.3191
rs11915371	A	C	-0.0154	-0.0169	0.0021	0.0147	0.8019	0.8058	2.29E-13	0.2505
rs11921432	T	C	-0.0189	0.0234	0.0027	0.0209	0.8906	0.9155	5.38E-12	0.2618
rs12072739	A	G	-0.0169	-0.0074	0.0023	0.0125	0.7762	0.6842	1.50E-13	0.5499
rs12098284	T	C	0.0184	0.0082	0.0026	0.0221	0.1212	0.0734	9.87E-13	0.7099
rs12140153	T	G	-0.0353	-0.0276	0.0034	0.0216	0.0911	0.0789	1.44E-25	0.1999
rs12150665	T	C	0.0168	0.0156	0.0016	0.0120	0.5931	0.6308	1.74E-24	0.1951
rs12259464	A	G	0.0109	-0.0050	0.0017	0.0116	0.4811	0.4783	1.48E-10	0.6665
rs12282785	A	C	-0.0157	0.0008	0.0023	0.0142	0.2204	0.2078	1.43E-11	0.9527
rs12286929	A	G	-0.0177	-0.0039	0.0016	0.0116	0.5007	0.4765	1.93E-27	0.7360
rs12334877	A	G	-0.0144	-0.0234	0.0021	0.0137	0.1913	0.2384	2.17E-11	0.0873
rs12364470	T	G	-0.0187	0.0289	0.0022	0.0138	0.8535	0.7740	2.18E-17	0.0360
rs12369179	T	C	-0.0340	0.0117	0.0031	0.0209	0.0850	0.0840	2.32E-28	0.5733
rs12386885	T	C	0.0151	0.0121	0.0026	0.0154	0.1564	0.1712	9.90E-09	0.4326
rs12421848	A	G	-0.0141	-0.0024	0.0019	0.0121	0.3962	0.3456	3.99E-13	0.8418
rs12429545	A	G	0.0313	0.0039	0.0024	0.0168	0.1218	0.1395	1.42E-37	0.8181
rs12448257	A	G	0.0161	-0.0219	0.0020	0.0157	0.2185	0.1627	9.04E-16	0.1618
rs12462975	A	G	0.0193	-0.0165	0.0018	0.0125	0.3243	0.3195	1.47E-25	0.1863
rs12591120	T	C	0.0120	0.0128	0.0022	0.0137	0.7397	0.7675	3.84E-08	0.3509
rs12602912	T	C	0.0166	-0.0009	0.0020	0.0135	0.2120	0.2384	2.90E-16	0.9488
rs12611148	A	C	-0.0137	-0.0164	0.0024	0.0184	0.1429	0.1125	1.42E-08	0.3714
rs12628051	T	C	0.0161	0.0173	0.0018	0.0119	0.6407	0.6162	2.90E-19	0.1452
rs12628891	T	C	-0.0115	0.0055	0.0019	0.0130	0.3186	0.2729	5.85E-10	0.6697
rs12636480	T	G	0.0128	-0.0016	0.0018	0.0127	0.3507	0.2872	6.96E-13	0.9020

rs12652212	A	G	-0.0131	0.0010	0.0016	0.0121	0.5611	0.6391	1.63E-15	0.9342
rs1268065	A	G	-0.0100	0.0022	0.0016	0.0116	0.5000	0.4836	7.12E-10	0.8478
rs12680842	A	G	0.0142	-0.0024	0.0017	0.0117	0.6839	0.5847	3.41E-16	0.8411
rs12681792	A	C	0.0150	0.0021	0.0021	0.0124	0.2024	0.3243	2.88E-12	0.8658
rs12692596	T	C	0.0120	-0.0098	0.0017	0.0122	0.3618	0.3421	1.03E-12	0.4207
rs12714199	T	C	-0.0141	0.0112	0.0017	0.0118	0.6146	0.5959	3.22E-16	0.3414
rs12765914	T	C	0.0226	0.0045	0.0031	0.0183	0.0801	0.1139	1.96E-13	0.8057
rs12888545	A	G	-0.0133	-0.0186	0.0020	0.0137	0.7464	0.7648	1.76E-11	0.1748
rs12912198	T	C	-0.0100	-0.0014	0.0018	0.0132	0.2731	0.2617	3.44E-08	0.9130
rs12926250	T	G	0.0180	-0.0338	0.0028	0.0241	0.1051	0.0611	1.78E-10	0.1600
rs1293037	T	C	0.0129	-0.0230	0.0022	0.0150	0.7544	0.8174	5.73E-09	0.1259
rs12939549	A	G	0.0180	0.0034	0.0016	0.0121	0.5572	0.6415	3.68E-28	0.7772
rs1296328	A	C	0.0166	0.0038	0.0017	0.0116	0.4464	0.5180	3.49E-22	0.7441
rs12981256	A	G	0.0151	-0.0059	0.0017	0.0117	0.5284	0.4379	1.43E-18	0.6142
rs13021737	A	G	-0.0578	0.0123	0.0021	0.0156	0.1567	0.1627	2.89E-161	0.4332
rs13033310	A	G	0.0146	-0.0054	0.0022	0.0135	0.2519	0.2401	3.40E-11	0.6882
rs1304549	A	G	-0.0118	-0.0207	0.0021	0.0146	0.2262	0.1955	1.35E-08	0.1564
rs13107325	T	C	0.0468	0.1252	0.0032	0.0492	0.0820	0.0142	3.81E-47	0.0110
rs13110266	A	G	-0.0124	0.0034	0.0016	0.0117	0.4037	0.4129	3.96E-14	0.7685
rs13174863	A	G	-0.0197	-0.0207	0.0023	0.0163	0.8542	0.8501	1.94E-17	0.2058
rs13186194	T	C	0.0100	-0.0231	0.0017	0.0121	0.6169	0.6455	2.20E-09	0.0559
rs13191362	A	G	0.0235	0.0106	0.0025	0.0241	0.8572	0.9392	4.08E-21	0.6604
rs13245051	A	G	0.0150	0.0187	0.0017	0.0116	0.4557	0.4760	1.12E-18	0.1079
rs13263601	A	C	-0.0145	0.0144	0.0018	0.0131	0.6585	0.7314	4.87E-16	0.2716
rs1327259	A	G	0.0157	-0.0095	0.0017	0.0117	0.6096	0.5394	1.47E-19	0.4180

rs13296413	T	C	-0.0148	0.0028	0.0017	0.0126	0.3811	0.3065	2.49E-17	0.8246
rs13298487	T	C	0.0115	0.0111	0.0020	0.0120	0.6076	0.6157	1.43E-08	0.3580
rs1346841	A	G	-0.0126	0.0022	0.0017	0.0125	0.4116	0.3189	3.18E-13	0.8593
rs1350430	T	C	-0.0125	0.0225	0.0017	0.0116	0.5328	0.5581	2.08E-13	0.0532
rs1356506	T	C	0.0137	-0.0118	0.0018	0.0117	0.6287	0.5675	8.39E-15	0.3120
rs1358980	T	C	-0.0129	-0.0029	0.0017	0.0116	0.4735	0.4628	5.15E-15	0.8046
rs1383592	A	G	0.0122	-0.0148	0.0021	0.0129	0.2120	0.2818	4.92E-09	0.2499
rs1409818	T	C	0.0195	0.0333	0.0028	0.0232	0.1074	0.0666	2.59E-12	0.1510
rs1421334	A	C	0.0135	-0.0040	0.0017	0.0118	0.4546	0.4097	3.11E-15	0.7342
rs1437842	A	G	-0.0106	0.0082	0.0017	0.0119	0.4907	0.3899	8.49E-10	0.4895
rs1441264	A	G	0.0174	0.0087	0.0017	0.0123	0.5846	0.6707	7.60E-25	0.4805
rs1451077	A	G	-0.0169	-0.0015	0.0019	0.0116	0.5776	0.5504	1.43E-18	0.8981
rs147568678	T	C	0.0134	-0.0051	0.0023	0.0133	0.7684	0.7436	3.42E-09	0.7014
rs1477199	A	G	-0.0221	-0.0044	0.0023	0.0182	0.8426	0.8854	5.15E-21	0.8073
rs1492014	T	C	-0.0171	-0.0029	0.0017	0.0118	0.5674	0.5861	1.44E-23	0.8087
rs1492767	T	C	0.0095	0.0020	0.0016	0.0117	0.4681	0.4215	3.55E-09	0.8653
rs1501673	A	G	0.0289	0.0197	0.0025	0.0186	0.1355	0.1080	2.73E-31	0.2896
rs1522569	T	G	0.0141	-0.0039	0.0022	0.0206	0.8183	0.9135	1.60E-10	0.8500
rs1559673	A	C	0.0359	0.0050	0.0049	0.0189	0.9688	0.8953	2.21E-13	0.7932
rs16851483	T	G	0.0352	-0.0087	0.0034	0.0268	0.0717	0.0487	4.87E-25	0.7464
rs16906838	T	C	-0.0247	-0.0106	0.0040	0.0259	0.0486	0.0531	4.31E-10	0.6817
rs17020497	A	G	0.0140	0.0170	0.0025	0.0187	0.1341	0.1091	2.04E-08	0.3623
rs17024393	T	C	-0.0644	0.0560	0.0049	0.0253	0.9689	0.9445	7.11E-39	0.0267
rs17094222	T	C	-0.0173	-0.0002	0.0020	0.0136	0.7912	0.7615	4.04E-18	0.9883
rs17182027	A	G	-0.0110	-0.0163	0.0017	0.0118	0.5647	0.5958	1.46E-10	0.1658

rs17207196	T	C	-0.0220	-0.0149	0.0017	0.0116	0.4200	0.5150	1.58E-36	0.1995
rs1721447	T	G	-0.0100	-0.0089	0.0017	0.0117	0.5096	0.5854	3.79E-09	0.4482
rs17367750	T	C	-0.0122	0.0026	0.0018	0.0133	0.3117	0.2525	1.97E-11	0.8454
rs17405819	T	C	0.0211	0.0057	0.0018	0.0129	0.6845	0.7171	6.04E-33	0.6566
rs17544384	T	C	-0.0131	0.0078	0.0023	0.0149	0.7952	0.8124	2.28E-08	0.6020
rs17681451	A	G	-0.0225	0.0409	0.0031	0.0241	0.0762	0.0611	7.37E-13	0.0888
rs17724992	A	G	0.0172	0.0026	0.0018	0.0139	0.7197	0.7760	5.23E-21	0.8493
rs17783165	T	C	-0.0128	-0.0139	0.0017	0.0118	0.6710	0.5795	2.74E-13	0.2381
rs17806224	A	G	-0.0260	0.0065	0.0022	0.0160	0.1808	0.1549	7.91E-32	0.6823
rs17814208	A	G	-0.0129	-0.0281	0.0020	0.0142	0.7575	0.7917	7.24E-11	0.0482
rs1799923	A	G	-0.0224	-0.0230	0.0026	0.0192	0.1117	0.1012	1.12E-17	0.2313
rs1808629	A	G	-0.0202	-0.0347	0.0020	0.0128	0.6740	0.7169	2.19E-23	0.0068
rs185350	T	C	0.0137	-0.0089	0.0016	0.0116	0.4902	0.4900	9.10E-17	0.4408
rs1860561	A	G	0.0159	0.0033	0.0019	0.0132	0.2087	0.2599	1.71E-16	0.8039
rs1877875	T	C	-0.0109	0.0047	0.0017	0.0122	0.4341	0.3400	2.51E-10	0.7010
rs1884389	T	C	-0.0108	-0.0123	0.0017	0.0117	0.4386	0.4336	3.72E-10	0.2934
rs1884897	A	G	-0.0184	-0.0057	0.0017	0.0124	0.3747	0.3240	2.70E-28	0.6431
rs1927790	T	C	-0.0140	-0.0206	0.0016	0.0116	0.6060	0.5152	1.57E-17	0.0750
rs1928295	T	C	0.0134	-0.0016	0.0016	0.0116	0.5712	0.4865	2.23E-16	0.8915
rs1941213	A	C	0.0108	0.0146	0.0019	0.0130	0.7114	0.7319	1.59E-08	0.2617
rs1941696	A	G	0.0112	0.0191	0.0017	0.0117	0.5174	0.5771	4.74E-11	0.1030
rs1945160	A	G	-0.0104	0.0006	0.0018	0.0119	0.3819	0.3892	5.65E-09	0.9600
rs1948080	T	G	0.0136	0.0082	0.0018	0.0126	0.6303	0.6979	1.13E-14	0.5170
rs194809	A	G	0.0126	-0.0120	0.0022	0.0157	0.1871	0.1598	4.86E-09	0.4437
rs1951455	T	C	-0.0148	-0.0117	0.0019	0.0133	0.2813	0.2527	6.05E-15	0.3801

rs1965529	A	G	0.0161	0.0091	0.0022	0.0152	0.7730	0.8228	7.66E-14	0.5478
rs197374	T	C	0.0141	-0.0073	0.0017	0.0116	0.4027	0.4582	3.16E-16	0.5297
rs1999433	T	C	-0.0107	0.0120	0.0017	0.0116	0.4403	0.5032	2.90E-10	0.3019
rs2007518	A	G	-0.0130	-0.0062	0.0017	0.0121	0.5618	0.6416	1.96E-14	0.6078
rs2051559	T	C	-0.0167	0.0374	0.0025	0.0185	0.8588	0.8897	3.78E-11	0.0431
rs2053682	A	C	0.0170	0.0020	0.0018	0.0122	0.6784	0.6542	2.59E-20	0.8681
rs2058527	T	G	-0.0115	-0.0014	0.0019	0.0135	0.2715	0.2417	1.80E-09	0.9175
rs2064044	A	C	-0.0123	-0.0179	0.0021	0.0131	0.8062	0.7360	1.02E-08	0.1740
rs2065418	T	G	0.0139	-0.0048	0.0018	0.0125	0.6460	0.6921	6.07E-15	0.7020
rs2066295	A	G	0.0142	-0.0180	0.0020	0.0138	0.7577	0.7672	2.29E-12	0.1922
rs2074314	T	C	0.0105	0.0262	0.0017	0.0116	0.6356	0.5417	1.37E-09	0.0243
rs2112347	T	G	0.0276	-0.0106	0.0017	0.0117	0.6298	0.5854	1.17E-61	0.3653
rs2119753	A	G	0.0100	-0.0033	0.0017	0.0119	0.6229	0.6062	1.00E-08	0.7811
rs2120710	A	G	0.0101	-0.0071	0.0018	0.0120	0.6529	0.6172	1.98E-08	0.5547
rs2134858	T	C	-0.0117	-0.0186	0.0017	0.0116	0.5119	0.4910	5.87E-12	0.1090
rs213518	T	C	-0.0153	0.0586	0.0024	0.0178	0.8498	0.8799	2.49E-10	0.0010
rs214249	T	G	0.0138	0.0180	0.0017	0.0123	0.6071	0.6600	2.72E-15	0.1425
rs215669	A	G	-0.0149	-0.0103	0.0017	0.0129	0.6024	0.7162	8.94E-18	0.4239
rs217433	T	C	-0.0115	0.0320	0.0021	0.0146	0.8031	0.8057	3.00E-08	0.0287
rs217669	T	C	-0.0172	0.0015	0.0021	0.0142	0.7224	0.7891	6.27E-16	0.9158
rs2192158	A	G	0.0137	-0.0022	0.0017	0.0116	0.4492	0.4834	7.42E-16	0.8474
rs2196618	A	G	-0.0137	0.0036	0.0019	0.0132	0.2634	0.2643	1.49E-12	0.7875
rs2206277	T	C	0.0408	0.0136	0.0021	0.0142	0.1557	0.2118	1.82E-83	0.3373
rs2228213	A	G	-0.0144	-0.0035	0.0017	0.0122	0.3374	0.3462	5.50E-17	0.7704
rs2228552	T	G	0.0124	0.0199	0.0019	0.0121	0.5663	0.6469	1.80E-11	0.0994

rs2238799	A	G	0.0102	-0.0223	0.0018	0.0116	0.6187	0.5524	8.65E-09	0.0555
rs2241423	A	G	-0.0298	0.0444	0.0019	0.0157	0.2285	0.1609	3.60E-54	0.0048
rs2246012	T	C	-0.0161	-0.0031	0.0022	0.0137	0.8512	0.7687	1.15E-13	0.8221
rs2257791	A	G	-0.0139	-0.0235	0.0020	0.0143	0.7560	0.7947	1.63E-12	0.1011
rs225882	T	C	0.0113	0.0108	0.0018	0.0122	0.7513	0.6609	8.56E-10	0.3776
rs2267958	A	G	-0.0130	-0.0129	0.0018	0.0117	0.5088	0.4700	2.01E-13	0.2697
rs2271189	A	G	-0.0141	0.0120	0.0018	0.0118	0.3960	0.3891	9.26E-16	0.3100
rs2273175	T	C	-0.0121	0.0100	0.0018	0.0118	0.6791	0.5861	3.69E-11	0.3961
rs2275003	A	G	0.0111	0.0029	0.0016	0.0116	0.5007	0.4659	9.44E-12	0.8047
rs2280601	A	G	0.0180	0.0181	0.0022	0.0138	0.8343	0.7768	7.90E-16	0.1911
rs2283006	A	G	0.0132	-0.0008	0.0017	0.0116	0.4881	0.4625	8.06E-15	0.9433
rs2283093	T	C	0.0121	0.0101	0.0021	0.0147	0.1949	0.1875	1.10E-08	0.4940
rs2289379	T	C	-0.0137	0.0066	0.0018	0.0116	0.3917	0.5151	7.02E-15	0.5714
rs2342892	T	G	0.0126	0.0005	0.0017	0.0116	0.4855	0.4779	1.33E-13	0.9658
rs2357760	A	G	0.0143	0.0102	0.0017	0.0122	0.6735	0.6659	2.11E-16	0.4059
rs2365389	T	C	-0.0168	-0.0037	0.0016	0.0117	0.3999	0.4372	6.49E-25	0.7502
rs2400414	T	C	-0.0126	-0.0029	0.0018	0.0123	0.3461	0.3336	5.52E-13	0.8148
rs2423668	T	C	0.0106	0.0035	0.0018	0.0117	0.4196	0.4376	7.84E-09	0.7612
rs2436728	A	G	0.0189	0.0117	0.0017	0.0117	0.4073	0.5679	1.97E-29	0.3198
rs2439823	A	G	-0.0165	-0.0138	0.0017	0.0116	0.4514	0.5105	6.51E-22	0.2346
rs2466103	T	G	-0.0121	0.0073	0.0018	0.0139	0.6928	0.7738	8.00E-12	0.6000
rs2470893	T	C	0.0107	0.0289	0.0017	0.0129	0.3049	0.2785	9.43E-10	0.0251
rs2503185	A	G	0.0130	0.0285	0.0017	0.0117	0.5097	0.5657	1.33E-14	0.0145
rs2513999	A	G	-0.0154	-0.0346	0.0026	0.0230	0.1593	0.0679	3.07E-09	0.1323
rs2600226	T	C	-0.0116	-0.0017	0.0018	0.0120	0.6712	0.6341	1.42E-10	0.8878

rs2605603	A	G	-0.0103	-0.0130	0.0016	0.0115	0.4812	0.5162	2.04E-10	0.2614
rs2622274	T	G	-0.0107	-0.0218	0.0017	0.0119	0.4553	0.3857	3.23E-10	0.0655
rs264941	A	C	-0.0124	-0.0026	0.0017	0.0116	0.4679	0.4454	1.84E-13	0.8244
rs2707183	T	G	-0.0093	-0.0121	0.0017	0.0115	0.5321	0.4835	4.89E-08	0.2931
rs2712665	T	C	-0.0108	-0.0026	0.0019	0.0130	0.6968	0.7295	5.40E-09	0.8443
rs2715423	A	G	-0.0115	0.0099	0.0019	0.0127	0.2805	0.2999	1.90E-09	0.4322
rs273512	T	C	0.0156	0.0077	0.0018	0.0116	0.4090	0.4420	4.48E-19	0.5096
rs2744974	T	C	0.0261	0.0017	0.0017	0.0124	0.3239	0.3336	1.28E-51	0.8899
rs274628	A	C	-0.0102	-0.0187	0.0018	0.0118	0.3366	0.3961	1.36E-08	0.1144
rs2777768	A	G	0.0119	0.0483	0.0019	0.0143	0.7228	0.7936	6.38E-10	0.0007
rs2820295	A	G	0.0235	0.0066	0.0018	0.0127	0.3266	0.2962	5.56E-39	0.6015
rs2832283	A	G	0.0115	0.0125	0.0020	0.0133	0.2254	0.2582	4.72E-09	0.3465
rs28350	A	G	0.0172	-0.0129	0.0022	0.0149	0.1717	0.1862	1.07E-14	0.3858
rs28489620	A	G	-0.0151	-0.0084	0.0021	0.0127	0.2818	0.2967	1.42E-12	0.5050
rs2861685	T	C	0.0165	0.0078	0.0019	0.0117	0.5864	0.5872	7.82E-18	0.5060
rs2862996	T	G	-0.0216	-0.0075	0.0017	0.0125	0.7012	0.6942	3.60E-35	0.5490
rs2876837	A	G	0.0107	0.0172	0.0019	0.0128	0.7270	0.7147	2.28E-08	0.1805
rs2907948	A	G	-0.0145	-0.0093	0.0019	0.0155	0.2440	0.1693	1.95E-14	0.5459
rs2910026	T	C	-0.0132	0.0177	0.0021	0.0136	0.7222	0.7641	5.69E-10	0.1939
rs2962334	T	G	0.0396	0.0190	0.0059	0.0401	0.0272	0.0212	1.78E-11	0.6357
rs2984618	T	G	0.0165	-0.0194	0.0016	0.0120	0.4408	0.3650	3.80E-24	0.1054
rs3019466	T	C	-0.0128	0.0207	0.0024	0.0186	0.1677	0.1080	4.91E-08	0.2663
rs305256	T	C	-0.0115	0.0121	0.0021	0.0134	0.2263	0.2438	2.79E-08	0.3681
rs3101336	T	C	-0.0254	-0.0154	0.0016	0.0121	0.3825	0.3537	4.80E-54	0.2040
rs3115667	T	C	-0.0179	-0.0627	0.0019	0.0146	0.2821	0.2031	5.92E-21	0.0000

rs312750	A	G	0.0097	0.0072	0.0016	0.0118	0.4986	0.3899	2.57E-09	0.5436
rs321237	A	G	0.0126	-0.0005	0.0020	0.0131	0.7498	0.7303	1.49E-10	0.9680
rs326893	T	C	0.0121	0.0072	0.0017	0.0123	0.5812	0.6704	1.89E-12	0.5587
rs329651	T	G	0.0160	-0.0058	0.0021	0.0200	0.8060	0.9068	2.13E-14	0.7735
rs337637	A	G	-0.0137	0.0105	0.0017	0.0119	0.3590	0.3748	6.24E-16	0.3783
rs339991	A	G	-0.0125	0.0009	0.0017	0.0118	0.4201	0.3838	3.51E-13	0.9380
rs34184235	T	C	-0.0115	-0.0025	0.0019	0.0118	0.4353	0.3986	2.14E-09	0.8295
rs34234296	A	G	-0.0145	-0.0137	0.0020	0.0126	0.3876	0.3064	2.01E-13	0.2784
rs34517439	A	C	0.0391	0.0221	0.0030	0.0174	0.1168	0.1270	3.40E-39	0.2042
rs34811474	A	G	-0.0293	-0.0027	0.0023	0.0138	0.2224	0.2301	8.50E-38	0.8463
rs349088	A	C	-0.0130	-0.0107	0.0017	0.0119	0.4777	0.6106	3.50E-14	0.3687
rs35277540	T	G	-0.0134	0.0201	0.0019	0.0122	0.7691	0.3468	2.88E-12	0.1000
rs35408866	A	G	0.0159	0.0045	0.0028	0.0195	0.1339	0.0992	1.50E-08	0.8167
rs35867081	A	G	0.0150	-0.0102	0.0019	0.0116	0.4871	0.4754	6.65E-15	0.3784
rs35949039	T	G	-0.0215	-0.0236	0.0031	0.0190	0.1056	0.1034	6.30E-12	0.2138
rs3732927	T	C	0.0099	-0.0073	0.0017	0.0130	0.2907	0.2727	1.13E-08	0.5746
rs3764625	T	G	0.0096	0.0115	0.0017	0.0116	0.3989	0.4732	2.42E-08	0.3213
rs3764835	A	G	-0.0130	-0.0029	0.0024	0.0149	0.1505	0.1841	3.84E-08	0.8434
rs3770890	T	G	-0.0297	-0.0297	0.0053	0.0766	0.9725	0.9943	2.10E-08	0.6985
rs3796432	T	G	-0.0113	0.0105	0.0018	0.0124	0.3672	0.3178	2.21E-10	0.3975
rs3806114	A	G	-0.0120	-0.0298	0.0018	0.0135	0.6916	0.7524	1.46E-11	0.0270
rs3808477	T	C	-0.0182	-0.0023	0.0019	0.0125	0.2740	0.3092	8.73E-22	0.8530
rs3814883	T	C	0.0227	-0.0269	0.0017	0.0117	0.4795	0.4119	1.47E-40	0.0219
rs3825061	T	C	0.0140	-0.0049	0.0017	0.0127	0.3863	0.2945	6.15E-16	0.7017
rs3914628	T	C	0.0165	0.0152	0.0023	0.0154	0.8593	0.8275	6.91E-13	0.3243

rs3923783	A	C	-0.0222	0.0033	0.0022	0.0137	0.1784	0.2296	4.12E-23	0.8104
rs39654	A	G	-0.0163	-0.0112	0.0017	0.0118	0.4513	0.4002	1.75E-21	0.3423
rs40067	A	G	-0.0252	0.0236	0.0023	0.0142	0.1701	0.2095	9.73E-29	0.0974
rs4017425	T	C	-0.0118	-0.0165	0.0017	0.0119	0.4676	0.3873	2.91E-12	0.1663
rs4097319	T	G	0.0107	-0.0059	0.0017	0.0116	0.5641	0.5540	4.32E-10	0.6112
rs4148155	A	G	0.0192	0.0269	0.0026	0.0221	0.8867	0.9253	1.34E-13	0.2231
rs4240673	T	C	0.0175	0.0092	0.0016	0.0188	0.4545	0.5421	1.58E-26	0.6255
rs427943	A	C	-0.0177	-0.0014	0.0017	0.0117	0.4288	0.4181	3.60E-25	0.9055
rs4286488	A	G	0.0121	0.0273	0.0020	0.0136	0.7608	0.7574	1.70E-09	0.0443
rs429358	T	C	0.0257	0.0240	0.0026	0.0154	0.8459	0.8173	2.60E-22	0.1185
rs4303732	T	C	0.0169	0.0039	0.0017	0.0118	0.6137	0.5929	1.26E-22	0.7435
rs4307239	A	G	-0.0115	-0.0016	0.0017	0.0117	0.5361	0.5472	1.47E-11	0.8933
rs4390583	A	C	-0.0100	0.0086	0.0018	0.0122	0.5714	0.6553	1.63E-08	0.4806
rs4430672	T	C	0.0124	-0.0115	0.0021	0.0143	0.1958	0.2094	5.00E-09	0.4219
rs4482463	A	C	-0.0310	-0.0185	0.0031	0.0245	0.9170	0.9402	4.85E-23	0.4484
rs45486197	A	G	0.0279	0.0434	0.0040	0.0245	0.0635	0.0616	1.80E-12	0.0772
rs4653017	T	C	0.0118	-0.0214	0.0018	0.0122	0.6679	0.6660	1.11E-10	0.0805
rs4655141	T	C	-0.0173	0.0042	0.0022	0.0180	0.8362	0.8844	6.20E-15	0.8135
rs4700608	T	C	-0.0155	-0.0045	0.0017	0.0118	0.5236	0.4243	4.32E-20	0.6991
rs4721089	T	C	0.0167	-0.0141	0.0023	0.0129	0.7830	0.7240	5.60E-13	0.2752
rs4740383	A	G	0.0131	0.0058	0.0018	0.0116	0.4185	0.4473	7.03E-14	0.6195
rs4740619	T	C	0.0189	0.0068	0.0016	0.0116	0.5436	0.4886	3.15E-31	0.5577
rs474605	A	G	-0.0125	-0.0096	0.0017	0.0116	0.4679	0.5237	2.72E-13	0.4097
rs4771218	A	G	-0.0141	0.0128	0.0018	0.0119	0.6244	0.6054	3.18E-15	0.2814
rs478707	T	C	-0.0150	0.0051	0.0024	0.0168	0.2032	0.1370	1.98E-10	0.7623

rs4812405	A	C	-0.0202	-0.0721	0.0033	0.0371	0.0763	0.0244	1.28E-09	0.0519
rs4813619	T	G	-0.0106	0.0124	0.0018	0.0117	0.5305	0.5577	1.70E-09	0.2864
rs4858193	T	C	0.0133	0.0082	0.0019	0.0132	0.7199	0.7379	2.44E-12	0.5312
rs4864201	T	C	0.0137	0.0052	0.0017	0.0120	0.3471	0.3830	4.30E-16	0.6640
rs4865796	A	G	-0.0096	-0.0152	0.0018	0.0123	0.7044	0.6671	4.21E-08	0.2152
rs4880341	T	C	-0.0130	-0.0008	0.0017	0.0115	0.5725	0.5116	3.06E-14	0.9479
rs4898556	T	G	0.0150	-0.0015	0.0017	0.0118	0.4776	0.4126	1.00E-18	0.8998
rs4921301	T	C	-0.0129	0.0123	0.0024	0.0142	0.2127	0.2143	4.03E-08	0.3863
rs4970991	T	C	0.0116	-0.0140	0.0021	0.0135	0.2151	0.2428	1.81E-08	0.2978
rs4973618	A	G	-0.0148	-0.0128	0.0018	0.0125	0.6623	0.6849	1.25E-16	0.3039
rs4981693	A	G	0.0202	0.0046	0.0020	0.0123	0.7743	0.6703	7.89E-24	0.7102
rs4986044	T	C	-0.0177	-0.0224	0.0016	0.0116	0.4550	0.4987	1.27E-27	0.0526
rs4988235	A	G	0.0124	-0.0388	0.0017	0.0119	0.7206	0.5949	7.09E-13	0.0011
rs543874	A	G	-0.0479	0.0138	0.0020	0.0152	0.7786	0.8219	3.06E-125	0.3627
rs56133507	T	G	-0.0131	0.0221	0.0024	0.0173	0.8065	0.8732	4.31E-08	0.2010
rs56151256	A	C	0.0166	0.0028	0.0022	0.0145	0.7555	0.7994	6.19E-14	0.8441
rs56211164	A	G	-0.0128	-0.0131	0.0022	0.0149	0.2395	0.1842	8.90E-09	0.3796
rs562664	T	C	-0.0138	0.0146	0.0022	0.0140	0.1873	0.2210	4.15E-10	0.2959
rs570463	A	C	-0.0121	-0.0169	0.0018	0.0137	0.3266	0.2307	4.33E-11	0.2163
rs57636386	T	C	0.0350	-0.0277	0.0027	0.0266	0.8915	0.9498	7.10E-38	0.2984
rs57989773	T	C	-0.0142	-0.0356	0.0023	0.0146	0.7576	0.7938	5.63E-10	0.0146
rs587271	T	C	0.0120	0.0028	0.0018	0.0126	0.6900	0.6765	6.21E-11	0.8215
rs592483	T	C	-0.0137	-0.0132	0.0017	0.0118	0.5933	0.4447	1.53E-16	0.2601
rs6010784	T	C	0.0106	-0.0008	0.0016	0.0117	0.5062	0.5952	6.91E-11	0.9450
rs61740466	A	G	-0.0142	0.0011	0.0022	0.0139	0.2346	0.2214	2.24E-10	0.9385

rs61813324	T	C	0.0289	-0.0044	0.0028	0.0160	0.1312	0.1576	3.20E-24	0.7851
rs61828641	A	G	0.0223	-0.0019	0.0030	0.0213	0.1092	0.0810	2.49E-13	0.9295
rs61983990	A	G	0.0198	0.0245	0.0035	0.0314	0.0802	0.0357	1.91E-08	0.4346
rs6265	T	C	-0.0413	-0.0144	0.0021	0.0160	0.1836	0.1545	7.40E-89	0.3672
rs6443750	T	C	-0.0152	-0.0326	0.0021	0.0144	0.1994	0.2110	7.25E-13	0.0233
rs6445258	T	C	0.0131	0.0388	0.0023	0.0164	0.2070	0.1461	2.48E-08	0.0182
rs6463489	T	C	0.0167	0.0042	0.0026	0.0224	0.0959	0.0712	2.50E-10	0.8523
rs6470144	T	G	0.0098	0.0046	0.0018	0.0119	0.6503	0.6096	3.06E-08	0.6976
rs6493498	T	C	0.0137	-0.0017	0.0016	0.0118	0.4465	0.4055	4.84E-17	0.8872
rs6500208	A	G	0.0146	0.0170	0.0020	0.0125	0.2021	0.3115	3.21E-13	0.1726
rs650198	T	C	-0.0137	-0.0189	0.0019	0.0121	0.7294	0.6473	6.43E-13	0.1192
rs6545714	A	G	-0.0194	-0.0152	0.0016	0.0118	0.6112	0.5991	4.01E-32	0.1983
rs6556301	T	G	-0.0113	-0.0031	0.0017	0.0120	0.3707	0.3712	8.14E-11	0.7944
rs6567160	T	C	-0.0552	-0.0265	0.0019	0.0149	0.7518	0.8158	7.82E-184	0.0746
rs657452	A	G	0.0188	0.0167	0.0016	0.0117	0.4042	0.4256	3.17E-30	0.1533
rs6591407	A	C	-0.0124	0.0104	0.0021	0.0167	0.1984	0.1493	3.58E-09	0.5319
rs6607337	T	C	-0.0124	-0.0053	0.0019	0.0134	0.2978	0.2440	2.55E-11	0.6960
rs6656785	A	G	-0.0178	0.0161	0.0016	0.0117	0.6125	0.5684	3.06E-27	0.1679
rs66595146	A	C	0.0135	-0.0126	0.0020	0.0118	0.6291	0.5906	9.09E-12	0.2849
rs6661316	T	C	0.0120	-0.0024	0.0016	0.0116	0.5893	0.5030	1.72E-13	0.8383
rs6716898	A	G	0.0127	0.0207	0.0019	0.0118	0.4873	0.3996	2.33E-11	0.0793
rs6720868	T	C	0.0154	-0.0098	0.0018	0.0126	0.3083	0.3063	1.82E-17	0.4377
rs6725931	T	C	0.0187	-0.0380	0.0024	0.0258	0.8483	0.9471	2.30E-15	0.1416
rs6783054	A	C	0.0099	-0.0121	0.0017	0.0117	0.5028	0.5442	6.22E-09	0.2997
rs6803161	T	C	0.0107	0.0157	0.0019	0.0121	0.3945	0.3655	2.71E-08	0.1935

rs6804842	A	G	-0.0141	0.0134	0.0016	0.0116	0.4301	0.4656	7.57E-18	0.2483
rs6808814	T	C	0.0118	0.0260	0.0019	0.0139	0.7335	0.7763	1.31E-09	0.0615
rs6850421	A	G	0.0113	0.0187	0.0019	0.0116	0.4564	0.5212	3.66E-09	0.1062
rs6864049	A	G	-0.0121	-0.0095	0.0016	0.0118	0.4890	0.4229	1.48E-13	0.4196
rs687339	T	C	0.0188	0.0092	0.0019	0.0161	0.7697	0.8486	4.32E-22	0.5695
rs6882366	T	C	-0.0131	-0.0002	0.0017	0.0126	0.3959	0.3013	4.39E-14	0.9903
rs6886072	T	C	-0.0100	0.0023	0.0017	0.0116	0.4665	0.5038	4.13E-09	0.8394
rs6888194	T	C	-0.0127	0.0227	0.0023	0.0161	0.8443	0.8504	3.58E-08	0.1592
rs6890310	A	G	-0.0119	0.0111	0.0019	0.0135	0.2923	0.2436	3.29E-10	0.4096
rs6893539	A	C	-0.0122	-0.0022	0.0019	0.0128	0.6981	0.7158	6.17E-11	0.8621
rs6909685	T	C	-0.0149	0.0068	0.0018	0.0121	0.3295	0.3516	2.78E-16	0.5732
rs6915002	T	C	0.0099	0.0033	0.0017	0.0120	0.4113	0.3715	8.71E-09	0.7857
rs6921533	T	C	0.0104	0.0337	0.0018	0.0126	0.2933	0.3032	1.37E-08	0.0074
rs6922607	A	G	-0.0130	0.0064	0.0022	0.0153	0.8080	0.8263	1.85E-09	0.6749
rs6950388	A	G	0.0135	0.0104	0.0022	0.0138	0.7782	0.7690	1.59E-09	0.4533
rs6973656	A	G	-0.0101	0.0111	0.0017	0.0120	0.5836	0.6379	6.31E-09	0.3542
rs698147	A	G	0.0116	0.0050	0.0017	0.0116	0.4470	0.4998	9.67E-12	0.6659
rs7024334	T	G	0.0135	0.0143	0.0020	0.0142	0.2254	0.2083	4.71E-12	0.3155
rs7070670	T	C	-0.0126	0.0144	0.0021	0.0129	0.3228	0.2814	7.14E-10	0.2652
rs7084454	A	G	0.0198	0.0248	0.0018	0.0126	0.3086	0.3062	4.51E-27	0.0482
rs7102454	T	C	-0.0168	0.0299	0.0018	0.0128	0.6437	0.7151	3.84E-21	0.0195
rs7124681	A	C	0.0257	0.0049	0.0016	0.0121	0.4162	0.3973	3.96E-55	0.6837
rs7138803	A	G	0.0297	0.0035	0.0017	0.0119	0.3870	0.3838	3.10E-71	0.7705
rs7144011	T	G	0.0263	0.0283	0.0020	0.0135	0.2334	0.2397	2.37E-40	0.0361
rs7161194	A	G	0.0190	-0.0192	0.0019	0.0129	0.3437	0.3040	2.23E-24	0.1354

rs7171864	A	G	0.0132	0.0074	0.0017	0.0127	0.6935	0.7032	2.60E-14	0.5600
rs7172627	A	G	-0.0114	-0.0059	0.0017	0.0116	0.5230	0.5497	1.81E-11	0.6081
rs7245985	T	G	0.0119	-0.0091	0.0021	0.0148	0.7956	0.8122	1.88E-08	0.5358
rs72649373	T	C	-0.0167	0.0058	0.0028	0.0161	0.8619	0.8441	3.20E-09	0.7189
rs72757415	T	G	-0.0159	0.0036	0.0023	0.0133	0.2123	0.2516	1.34E-11	0.7883
rs73225274	A	G	-0.0156	0.0372	0.0028	0.0192	0.8649	0.8984	2.33E-08	0.0524
rs7357754	A	G	-0.0120	0.0063	0.0017	0.0116	0.4985	0.4989	1.81E-12	0.5851
rs73985439	A	C	-0.0131	-0.0052	0.0021	0.0126	0.6914	0.6972	1.84E-10	0.6797
rs742748	T	C	-0.0113	0.0062	0.0017	0.0118	0.5864	0.5765	1.13E-11	0.5965
rs7451021	T	C	-0.0106	-0.0570	0.0018	0.0124	0.6785	0.3129	5.52E-09	0.0000
rs74887628	A	G	0.0305	0.0715	0.0054	0.0487	0.0339	0.0142	1.76E-08	0.1418
rs7498665	A	G	-0.0285	0.0137	0.0017	0.0117	0.6179	0.5873	1.14E-66	0.2408
rs750090	T	C	0.0113	-0.0127	0.0018	0.0118	0.6258	0.5864	2.50E-10	0.2782
rs7512146	T	G	-0.0097	-0.0146	0.0017	0.0115	0.5272	0.4895	1.29E-08	0.2052
rs7534091	A	G	-0.0120	0.0206	0.0018	0.0135	0.7182	0.7578	6.65E-11	0.1268
rs7561278	T	C	0.0169	-0.0187	0.0021	0.0137	0.7668	0.7640	4.89E-16	0.1709
rs756717	A	G	-0.0134	0.0145	0.0017	0.0118	0.3940	0.4081	2.38E-15	0.2207
rs7588437	A	G	-0.0165	0.0112	0.0017	0.0126	0.3664	0.3021	2.32E-22	0.3722
rs7593917	A	G	-0.0115	-0.0084	0.0016	0.0116	0.4535	0.5511	9.67E-13	0.4732
rs7599312	A	G	-0.0182	0.0145	0.0018	0.0126	0.2737	0.3022	1.52E-23	0.2506
rs7616009	A	G	-0.0157	-0.0029	0.0024	0.0186	0.1595	0.1078	4.33E-11	0.8759
rs7631156	A	G	0.0215	0.0050	0.0018	0.0127	0.3091	0.2948	3.33E-32	0.6913
rs7640424	T	C	-0.0135	-0.0075	0.0018	0.0121	0.3106	0.3542	1.23E-14	0.5338
rs765125	T	C	-0.0098	-0.0029	0.0017	0.0116	0.5855	0.5443	1.27E-08	0.8049
rs765875	T	C	-0.0132	-0.0284	0.0017	0.0118	0.4689	0.5795	1.08E-14	0.0158

rs76638898	A	G	-0.0376	0.0583	0.0065	0.0308	0.0234	0.0364	8.15E-09	0.0586
rs7678054	A	G	-0.0099	0.0180	0.0017	0.0118	0.4788	0.3988	4.57E-09	0.1257
rs768023	A	G	0.0161	0.0077	0.0016	0.0117	0.6033	0.5792	1.13E-22	0.5128
rs76942203	A	G	0.0263	0.0481	0.0041	0.0222	0.0587	0.0745	9.08E-11	0.0298
rs7696649	A	G	0.0116	-0.0065	0.0019	0.0134	0.2780	0.2474	4.73E-10	0.6288
rs7713317	A	G	-0.0166	-0.0021	0.0018	0.0124	0.7198	0.6863	1.96E-20	0.8675
rs7715256	T	G	-0.0158	0.0070	0.0016	0.0118	0.5644	0.5905	3.98E-22	0.5505
rs77165542	T	C	-0.0939	-0.0245	0.0053	0.0445	0.0341	0.0174	1.51E-70	0.5815
rs7727781	T	C	0.0093	-0.0164	0.0017	0.0117	0.5164	0.4405	4.27E-08	0.1611
rs7730004	T	C	0.0139	0.0030	0.0018	0.0117	0.6614	0.5560	1.46E-14	0.7995
rs7734385	A	G	-0.0101	-0.0224	0.0016	0.0116	0.4449	0.5275	6.08E-10	0.0531
rs77432547	A	G	-0.0170	-0.0020	0.0021	0.0120	0.7229	0.6306	1.44E-15	0.8672
rs7760482	A	G	-0.0102	-0.0034	0.0018	0.0117	0.6159	0.5714	6.25E-09	0.7733
rs7774	A	C	0.0128	0.0140	0.0021	0.0119	0.3197	0.3999	4.22E-10	0.2399
rs7802342	T	G	-0.0124	0.0006	0.0019	0.0132	0.7048	0.7419	6.23E-11	0.9620
rs7842934	T	C	-0.0178	-0.0153	0.0031	0.0267	0.9211	0.9505	1.55E-08	0.5666
rs7861160	T	C	0.0095	0.0029	0.0017	0.0117	0.5941	0.5709	3.68E-08	0.8019
rs7893571	T	G	0.0125	-0.0084	0.0018	0.0126	0.6736	0.6948	5.83E-12	0.5066
rs7899106	A	G	-0.0327	0.0413	0.0037	0.0282	0.9496	0.9554	1.72E-18	0.1421
rs7903146	T	C	-0.0178	0.0189	0.0018	0.0145	0.2787	0.1995	1.67E-23	0.1911
rs7907470	A	G	-0.0177	-0.0317	0.0031	0.0180	0.9161	0.8821	7.36E-09	0.0780
rs79186842	A	G	0.0202	0.0173	0.0028	0.0159	0.8597	0.8421	2.60E-13	0.2770
rs7944782	T	G	-0.0144	0.0015	0.0017	0.0116	0.5016	0.4764	3.61E-17	0.8950
rs7975187	A	G	-0.0137	0.0063	0.0021	0.0147	0.7712	0.8071	3.86E-11	0.6657
rs79780963	T	C	0.0244	0.0076	0.0035	0.0209	0.0804	0.0832	2.63E-12	0.7168

rs79906980	T	C	0.0158	0.0193	0.0026	0.0184	0.1555	0.1138	1.69E-09	0.2939
rs805412	A	G	-0.0098	-0.0012	0.0017	0.0116	0.4337	0.5003	1.14E-08	0.9166
rs8057911	T	C	0.0125	-0.0106	0.0023	0.0146	0.2340	0.1966	3.66E-08	0.4691
rs8065172	A	G	-0.0124	-0.0052	0.0020	0.0129	0.2383	0.2819	5.29E-10	0.6888
rs8122855	A	G	0.0137	0.0134	0.0018	0.0122	0.3377	0.3437	4.11E-14	0.2715
rs8126575	T	G	0.0152	0.0123	0.0025	0.0153	0.8673	0.8189	5.88E-10	0.4226
rs8134638	T	C	-0.0133	-0.0026	0.0020	0.0116	0.6273	0.4811	1.57E-11	0.8228
rs8181823	A	C	-0.0125	-0.0105	0.0020	0.0130	0.2344	0.2705	4.36E-10	0.4207
rs845084	A	G	0.0136	0.0141	0.0019	0.0133	0.2666	0.2597	3.22E-12	0.2882
rs852056	T	C	0.0123	0.0164	0.0019	0.0136	0.2538	0.2344	2.15E-10	0.2289
rs865809	A	G	0.0124	0.0081	0.0020	0.0128	0.2246	0.2822	6.50E-10	0.5268
rs879620	T	C	0.0226	0.0034	0.0017	0.0118	0.5966	0.5787	8.45E-39	0.7729
rs889398	T	C	-0.0195	-0.0342	0.0016	0.0118	0.4151	0.4267	3.23E-32	0.0037
rs891387	T	C	0.0208	-0.0154	0.0017	0.0116	0.4951	0.4875	9.26E-35	0.1841
rs900144	T	C	0.0148	0.0227	0.0017	0.0116	0.5784	0.5093	1.53E-18	0.0504
rs9168	A	C	-0.0139	0.0106	0.0019	0.0132	0.2752	0.2567	1.08E-13	0.4232
rs9294260	A	G	0.0140	0.0045	0.0016	0.0116	0.4689	0.5074	8.16E-18	0.6992
rs9299	T	C	0.0119	-0.0064	0.0018	0.0125	0.6447	0.6939	1.87E-11	0.6078
rs930295	A	C	0.0208	-0.0076	0.0023	0.0173	0.1548	0.1288	2.03E-19	0.6603
rs9320823	T	C	-0.0165	-0.0241	0.0017	0.0124	0.4118	0.3224	2.07E-21	0.0508
rs935166	A	G	-0.0152	-0.0196	0.0019	0.0117	0.4948	0.4293	8.69E-16	0.0949
rs9370410	A	G	0.0105	0.0397	0.0019	0.0132	0.7293	0.7392	2.58E-08	0.0025
rs942066	A	G	-0.0202	-0.0089	0.0020	0.0120	0.3730	0.3729	2.36E-24	0.4576
rs9458814	T	C	-0.0112	-0.0138	0.0020	0.0143	0.7708	0.7967	2.33E-08	0.3356
rs946824	T	C	0.0197	0.0290	0.0025	0.0164	0.1355	0.1463	4.82E-15	0.0775

rs9478384	A	G	0.0150	0.0016	0.0019	0.0122	0.3000	0.6657	5.54E-16	0.8990
rs9478496	T	C	-0.0157	0.0000	0.0023	0.0145	0.8453	0.8003	8.17E-12	0.9981
rs9512648	A	G	0.0095	-0.0235	0.0017	0.0119	0.4741	0.4001	4.11E-08	0.0470
rs9522183	T	G	-0.0135	-0.0131	0.0019	0.0116	0.5492	0.5366	2.10E-12	0.2616
rs9527895	T	C	-0.0158	-0.0159	0.0023	0.0164	0.8190	0.8557	3.69E-12	0.3322
rs9569777	T	G	-0.0201	-0.0170	0.0021	0.0145	0.1865	0.1964	3.43E-21	0.2433
rs9595908	T	C	0.0154	0.0071	0.0017	0.0117	0.6427	0.5703	3.73E-20	0.5451
rs9599161	T	C	0.0098	-0.0028	0.0016	0.0124	0.5700	0.6741	2.32E-09	0.8209
rs9603697	T	C	0.0134	0.0249	0.0018	0.0118	0.3184	0.4100	1.69E-13	0.0343
rs962796	T	C	0.0140	0.0241	0.0021	0.0146	0.1937	0.1942	1.88E-11	0.0990
rs9818122	T	C	-0.0228	0.0154	0.0020	0.0152	0.7933	0.8262	3.97E-30	0.3106
rs9826775	A	G	0.0155	0.0069	0.0024	0.0158	0.8513	0.8388	6.61E-11	0.6604
rs9827823	T	C	0.0182	0.0235	0.0023	0.0180	0.8552	0.8830	3.39E-15	0.1925
rs9888533	T	C	0.0125	0.0058	0.0019	0.0118	0.5302	0.5689	1.38E-10	0.6233
rs9926784	T	C	0.0237	0.0039	0.0021	0.0153	0.8007	0.8289	1.08E-30	0.7979
rs9944219	A	G	-0.0119	-0.0012	0.0017	0.0123	0.6044	0.6768	8.14E-13	0.9224
rs994596	T	C	0.0130	0.0189	0.0018	0.0132	0.3247	0.2561	1.06E-12	0.1543
rs9951619	T	G	-0.0152	0.0063	0.0019	0.0124	0.2239	0.3271	2.33E-15	0.6132