

**Mendelian randomization exploration of metabolic and lifestyle factors, lipid-lowering and anti-hypertension therapies in relation to hepatic steatosis in healthy middle-aged adults**

Shuai Yuan, Jie Chen, Marijana Vujkovic, Kyong-Mi Chang, Xue Li, Susanna C. Larsson, Dipender Gill

**Supplementary Table 1.** Genetic instruments in relation to liver fat

**Supplementary Table 2.** Characteristics of participants in the genome-wide association analysis of hepatic fat

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**Supplementary Table 1. Genetic instruments in relation to liver fat**

Exposure	SNP	EA	EAF	Exposure			Liver fat		
				Beta	SE	P	Beta	SE	P
AgeSomIni	rs11780471	A	0.08	0.038	0.006	7.07E-11	-0.024	0.016	1.40E-01
AgeSomIni	rs11915747	G	0.37	0.021	0.003	3.89E-13	-0.013	0.008	1.20E-01
AgeSomIni	rs140485736	A	0.01	0.065	0.012	1.39E-08	-0.036	0.035	2.50E-01
AgeSomIni	rs319748	A	0.72	-0.017	0.003	3.01E-08	0.004	0.009	7.90E-01
AgeSomIni	rs3768886	C	0.33	0.017	0.003	7.50E-09	-0.003	0.008	8.30E-01
AgeSomIni	rs624833	G	0.33	0.017	0.003	8.75E-09	-0.004	0.008	5.50E-01
AgeSomIni	rs7599208	T	0.57	-0.020	0.003	1.70E-12	-0.002	0.008	7.20E-01
BMI	rs10920678	A	0.43	0.015	0.002	1.25E-20	-0.001	0.008	9.90E-01
BMI	rs11121210	C	0.59	0.011	0.002	6.60E-11	0.012	0.008	1.10E-01
BMI	rs112566467	T	0.20	0.018	0.002	1.77E-14	0.010	0.010	2.90E-01
BMI	rs11577094	T	0.05	0.019	0.003	5.65E-10	-0.007	0.014	6.30E-01
BMI	rs12049202	T	0.18	0.024	0.002	5.20E-30	0.018	0.010	4.80E-02
BMI	rs12072739	G	0.22	0.017	0.002	2.01E-13	0.014	0.009	1.10E-01
BMI	rs12121950	T	0.36	0.019	0.002	8.88E-25	0.011	0.008	1.80E-01
BMI	rs12140153	G	0.93	0.035	0.003	2.98E-25	0.006	0.013	6.10E-01
BMI	rs17024393	C	0.03	0.064	0.005	1.87E-39	0.044	0.025	5.20E-02
BMI	rs1730859	G	0.32	0.012	0.002	1.68E-12	0.012	0.008	2.00E-01
BMI	rs1884429	T	0.23	0.013	0.002	1.76E-12	-0.004	0.009	5.80E-01
BMI	rs2400414	C	0.64	0.013	0.002	2.56E-12	-0.009	0.008	1.40E-01
BMI	rs2820295	A	0.30	0.024	0.002	5.91E-39	0.009	0.008	2.80E-01
BMI	rs2968487	T	0.28	0.018	0.002	1.40E-22	0.013	0.009	1.80E-01
BMI	rs3101336	C	0.64	0.025	0.002	9.44E-57	-0.005	0.008	4.80E-01
BMI	rs543874	G	0.19	0.048	0.002	9.24E-127	0.002	0.010	7.90E-01
BMI	rs561136	C	0.16	0.019	0.002	9.19E-15	-0.009	0.011	5.00E-01
BMI	rs61813324	T	0.13	0.029	0.003	5.64E-25	0.007	0.012	6.30E-01
BMI	rs61828641	A	0.11	0.022	0.003	1.06E-13	-0.001	0.012	8.50E-01
BMI	rs6661316	T	0.57	0.012	0.002	6.38E-14	0.001	0.008	9.20E-01
BMI	rs6690398	A	0.57	0.013	0.002	1.94E-13	0.010	0.008	2.70E-01
BMI	rs7534091	G	0.26	0.012	0.002	2.62E-11	-0.014	0.009	1.10E-01
BMI	rs79113395	G	0.74	0.020	0.002	9.82E-20	0.009	0.009	2.30E-01
BMI	rs946824	T	0.14	0.020	0.003	3.27E-15	0.000	0.011	8.60E-01
BMI	rs10203386	A	0.43	0.032	0.002	4.43E-78	0.010	0.008	2.30E-01
BMI	rs10497870	A	0.59	0.012	0.002	3.95E-14	-0.017	0.008	2.70E-02
BMI	rs10929925	C	0.52	0.014	0.002	6.99E-19	-0.013	0.008	9.90E-02
BMI	rs11692326	T	0.22	0.015	0.002	1.02E-14	-0.002	0.009	8.40E-01
BMI	rs12692596	T	0.36	0.012	0.002	1.68E-12	0.004	0.008	5.40E-01
BMI	rs12714199	C	0.40	0.014	0.002	1.09E-16	0.005	0.008	4.60E-01
BMI	rs13002946	T	0.72	0.018	0.002	1.21E-20	0.023	0.009	7.80E-03
BMI	rs13021737	G	0.83	0.058	0.002	9.11E-167	-0.004	0.010	7.00E-01
BMI	rs13033310	A	0.25	0.015	0.002	3.22E-11	0.007	0.009	5.30E-01
BMI	rs1451077	G	0.43	0.017	0.002	5.86E-19	0.007	0.008	5.80E-01
BMI	rs1470545	T	0.04	0.037	0.004	7.65E-18	0.044	0.020	2.10E-02
BMI	rs1561554	G	0.39	0.012	0.002	1.34E-11	0.000	0.008	9.40E-01
BMI	rs264962	C	0.60	0.012	0.002	2.56E-12	-0.002	0.008	8.00E-01
BMI	rs2861685	T	0.60	0.017	0.002	3.81E-18	-0.002	0.008	8.30E-01
BMI	rs3770799	G	0.39	0.011	0.002	2.40E-10	0.014	0.008	8.50E-02
BMI	rs4671328	T	0.43	0.021	0.002	2.45E-36	0.017	0.008	3.10E-02
BMI	rs4973618	G	0.34	0.015	0.002	2.00E-16	0.018	0.008	2.20E-02
BMI	rs6545714	G	0.38	0.019	0.002	7.79E-34	-0.009	0.008	3.30E-01
BMI	rs6720868	T	0.34	0.015	0.002	1.17E-17	0.008	0.008	3.20E-01
BMI	rs7561278	T	0.77	0.017	0.002	8.44E-16	0.018	0.009	3.10E-02
BMI	rs7570446	A	0.52	0.011	0.002	5.15E-09	0.006	0.008	3.60E-01

BMI	rs7575118	T	0.13	0.014	0.002	5.43E-09	0.003	0.011	9.00E-01
BMI	rs7588437	G	0.61	0.017	0.002	2.85E-22	0.020	0.008	7.70E-03
BMI	rs7599312	G	0.73	0.018	0.002	4.93E-24	-0.003	0.009	6.10E-01
BMI	rs7607490	A	0.11	0.016	0.003	1.25E-09	-0.017	0.012	1.30E-01
BMI	rs930295	A	0.17	0.021	0.002	1.52E-19	0.004	0.010	5.60E-01
BMI	rs9808302	G	0.48	0.012	0.002	1.03E-09	0.006	0.008	2.80E-01
BMI	rs10510419	G	0.85	0.017	0.002	2.79E-13	-0.004	0.011	9.40E-01
BMI	rs11915371	C	0.19	0.015	0.002	2.24E-13	0.031	0.010	1.50E-03
BMI	rs12635553	A	0.53	0.010	0.002	5.76E-09	-0.003	0.008	7.60E-01
BMI	rs1436344	C	0.59	0.015	0.002	5.28E-18	0.013	0.008	1.20E-01
BMI	rs16851483	T	0.06	0.035	0.003	4.06E-25	0.048	0.016	2.10E-03
BMI	rs17681451	G	0.93	0.023	0.003	3.93E-13	0.008	0.014	5.00E-01
BMI	rs1916801	A	0.62	0.017	0.002	2.76E-23	0.005	0.008	5.00E-01
BMI	rs28350	A	0.19	0.017	0.002	5.36E-15	0.003	0.010	7.00E-01
BMI	rs355777	C	0.42	0.015	0.002	6.55E-19	0.010	0.008	2.50E-01
BMI	rs39654	G	0.54	0.016	0.002	8.96E-22	0.006	0.008	4.90E-01
BMI	rs4857968	G	0.76	0.013	0.002	3.80E-12	0.016	0.009	5.60E-02
BMI	rs59302296	A	0.09	0.022	0.003	1.19E-11	0.002	0.013	9.40E-01
BMI	rs6443750	C	0.82	0.015	0.002	4.55E-13	0.011	0.010	2.70E-01
BMI	rs6804181	A	0.82	0.014	0.002	8.76E-10	0.002	0.010	6.90E-01
BMI	rs6804842	G	0.56	0.014	0.002	1.22E-18	-0.017	0.008	4.20E-02
BMI	rs7616009	G	0.85	0.016	0.002	6.08E-11	0.018	0.011	9.70E-02
BMI	rs7631156	A	0.30	0.022	0.002	6.94E-33	0.012	0.008	1.60E-01
BMI	rs9816226	T	0.81	0.032	0.002	7.34E-51	-0.021	0.010	1.90E-02
BMI	rs9818122	C	0.22	0.023	0.002	4.18E-30	-0.004	0.010	6.40E-01
BMI	rs9826775	A	0.87	0.016	0.002	1.06E-10	-0.003	0.011	7.80E-01
BMI	rs9862795	T	0.51	0.026	0.002	6.82E-44	0.020	0.008	8.10E-03
BMI	rs10938397	G	0.42	0.032	0.002	4.46E-90	0.016	0.008	5.40E-02
BMI	rs12509234	C	0.28	0.012	0.002	1.03E-09	-0.004	0.008	6.40E-01
BMI	rs13107325	T	0.08	0.047	0.003	1.95E-48	0.011	0.015	4.00E-01
BMI	rs13110266	G	0.59	0.012	0.002	9.19E-15	0.013	0.008	1.40E-01
BMI	rs1346841	G	0.58	0.013	0.002	1.25E-13	-0.004	0.008	6.40E-01
BMI	rs1437842	G	0.52	0.011	0.002	4.51E-10	-0.004	0.008	6.10E-01
BMI	rs1451109	G	0.32	0.016	0.002	1.48E-20	0.015	0.008	7.90E-02
BMI	rs1481012	A	0.91	0.019	0.003	4.80E-13	0.006	0.012	7.20E-01
BMI	rs1522569	T	0.83	0.014	0.002	1.46E-10	-0.004	0.010	6.70E-01
BMI	rs17001561	A	0.18	0.015	0.002	2.89E-10	-0.004	0.011	7.50E-01
BMI	rs17276464	T	0.43	0.010	0.002	1.97E-09	-0.003	0.008	8.10E-01
BMI	rs2051559	C	0.12	0.017	0.003	2.39E-11	-0.002	0.012	9.70E-01
BMI	rs2192158	A	0.47	0.014	0.002	7.70E-16	0.006	0.008	4.00E-01
BMI	rs2391540	T	0.33	0.014	0.002	1.14E-14	0.006	0.008	4.30E-01
BMI	rs34811474	G	0.78	0.029	0.002	3.58E-37	0.011	0.009	2.70E-01
BMI	rs35851183	G	0.37	0.012	0.002	1.45E-09	0.008	0.008	3.90E-01
BMI	rs4834272	C	0.31	0.011	0.002	2.11E-10	0.000	0.008	9.30E-01
BMI	rs57800857	A	0.66	0.016	0.002	4.16E-15	0.013	0.008	9.50E-02
BMI	rs6850421	A	0.49	0.011	0.002	2.72E-09	0.010	0.008	1.70E-01
BMI	rs7678054	G	0.55	0.010	0.002	5.76E-09	-0.001	0.008	9.90E-01
BMI	rs10044136	G	0.44	0.016	0.002	1.58E-21	0.011	0.008	2.20E-01
BMI	rs10942267	A	0.72	0.015	0.002	2.00E-16	0.000	0.008	9.80E-01
BMI	rs11739877	T	0.61	0.012	0.002	1.16E-10	0.008	0.008	3.90E-01
BMI	rs13174863	G	0.17	0.020	0.002	1.08E-17	-0.004	0.011	6.90E-01
BMI	rs1501673	A	0.14	0.029	0.003	6.57E-31	0.009	0.012	4.80E-01
BMI	rs2053682	A	0.68	0.017	0.002	3.57E-21	0.012	0.008	1.70E-01
BMI	rs2112347	T	0.63	0.028	0.002	2.84E-59	0.016	0.008	3.60E-02
BMI	rs2861089	A	0.38	0.011	0.002	6.56E-10	0.001	0.008	9.10E-01
BMI	rs288230	T	0.83	0.024	0.002	4.28E-25	0.008	0.010	3.80E-01

BMI	rs459552	T	0.23	0.013	0.002	2.56E-12	0.014	0.009	1.10E-01
BMI	rs4700608	C	0.52	0.016	0.002	7.68E-20	-0.011	0.008	1.90E-01
BMI	rs6451675	G	0.66	0.014	0.002	7.38E-15	0.002	0.008	8.30E-01
BMI	rs6556301	G	0.67	0.011	0.002	2.99E-11	0.010	0.008	2.30E-01
BMI	rs6864049	G	0.53	0.012	0.002	3.95E-14	0.001	0.008	8.30E-01
BMI	rs6890310	G	0.73	0.012	0.002	3.77E-10	0.012	0.009	2.80E-01
BMI	rs698147	A	0.50	0.012	0.002	8.88E-12	0.000	0.008	8.90E-01
BMI	rs7713317	G	0.28	0.017	0.002	2.91E-20	0.005	0.009	5.00E-01
BMI	rs7734385	G	0.55	0.010	0.002	2.75E-10	0.000	0.008	9.60E-01
BMI	rs11757278	T	0.68	0.013	0.002	2.56E-12	0.019	0.008	3.30E-02
BMI	rs12206094	C	0.68	0.014	0.002	1.95E-15	-0.014	0.009	1.10E-01
BMI	rs1269175	A	0.51	0.011	0.002	6.56E-10	-0.002	0.008	7.90E-01
BMI	rs13191362	A	0.87	0.024	0.003	5.46E-21	0.008	0.012	4.80E-01
BMI	rs2206277	T	0.18	0.041	0.002	4.43E-84	-0.008	0.010	4.00E-01
BMI	rs2228213	G	0.67	0.014	0.002	2.44E-17	0.011	0.008	1.10E-01
BMI	rs2246012	C	0.17	0.016	0.002	2.51E-13	0.004	0.010	8.10E-01
BMI	rs2357760	A	0.67	0.014	0.002	4.04E-17	0.017	0.008	2.80E-02
BMI	rs2622274	G	0.58	0.011	0.002	3.09E-10	0.017	0.008	6.10E-02
BMI	rs3806114	G	0.29	0.012	0.002	2.62E-11	0.012	0.008	1.10E-01
BMI	rs487152	A	0.48	0.011	0.002	1.48E-11	-0.004	0.008	6.90E-01
BMI	rs6922607	G	0.22	0.013	0.002	3.44E-09	-0.021	0.010	2.40E-02
BMI	rs6932930	G	0.20	0.026	0.002	1.09E-41	-0.010	0.009	3.90E-01
BMI	rs765875	C	0.50	0.013	0.002	8.18E-15	0.003	0.008	5.30E-01
BMI	rs7769594	T	0.15	0.016	0.002	1.00E-12	0.003	0.011	7.90E-01
BMI	rs816367	G	0.35	0.011	0.002	3.09E-10	0.001	0.008	8.70E-01
BMI	rs9320823	C	0.59	0.017	0.002	2.85E-22	0.022	0.008	3.80E-03
BMI	rs1030015	T	0.53	0.011	0.002	1.44E-10	-0.004	0.008	6.10E-01
BMI	rs1048303	C	0.44	0.011	0.002	9.76E-11	0.017	0.008	3.50E-02
BMI	rs10499694	A	0.52	0.013	0.002	4.47E-16	-0.008	0.008	3.10E-01
BMI	rs11525873	T	0.90	0.023	0.003	4.17E-13	0.007	0.013	6.60E-01
BMI	rs1167821	T	0.42	0.020	0.002	3.73E-26	0.019	0.008	6.50E-03
BMI	rs1852006	G	0.65	0.015	0.002	1.90E-17	0.013	0.008	9.20E-02
BMI	rs1899689	T	0.38	0.012	0.002	1.68E-12	0.000	0.008	8.90E-01
BMI	rs215614	G	0.34	0.014	0.002	1.24E-15	0.019	0.008	3.30E-02
BMI	rs2396625	T	0.60	0.018	0.002	4.06E-25	0.003	0.008	6.50E-01
BMI	rs2907948	G	0.75	0.015	0.002	2.32E-14	0.007	0.009	5.00E-01
BMI	rs4307239	G	0.48	0.012	0.002	1.34E-11	0.002	0.008	8.40E-01
BMI	rs4721089	T	0.76	0.017	0.002	3.85E-13	-0.004	0.009	7.90E-01
BMI	rs6463489	T	0.07	0.017	0.003	1.34E-10	0.016	0.012	1.90E-01
BMI	rs6962280	G	0.51	0.014	0.002	1.73E-13	0.011	0.008	2.50E-01
BMI	rs740157	A	0.43	0.012	0.002	1.64E-13	0.011	0.008	1.10E-01
BMI	rs7777084	A	0.45	0.013	0.002	1.30E-14	-0.001	0.008	8.50E-01
BMI	rs7802342	G	0.27	0.012	0.002	6.74E-11	0.004	0.009	6.00E-01
BMI	rs10099330	G	0.44	0.012	0.002	2.56E-12	0.007	0.008	2.90E-01
BMI	rs10954772	T	0.30	0.016	0.002	1.57E-13	0.004	0.008	5.60E-01
BMI	rs1106761	A	0.35	0.013	0.002	2.08E-11	-0.002	0.008	7.80E-01
BMI	rs12680842	A	0.62	0.014	0.002	6.66E-17	0.012	0.008	1.30E-01
BMI	rs12681792	A	0.19	0.015	0.002	9.14E-13	0.007	0.010	5.70E-01
BMI	rs1383592	A	0.23	0.012	0.002	6.27E-09	0.022	0.010	4.00E-02
BMI	rs1431659	A	0.28	0.019	0.002	8.94E-24	0.001	0.009	7.80E-01
BMI	rs1658820	T	0.25	0.013	0.002	4.11E-11	0.003	0.009	7.90E-01
BMI	rs17405819	T	0.70	0.021	0.002	9.81E-32	0.023	0.008	7.20E-03
BMI	rs1982441	T	0.14	0.017	0.003	1.05E-11	0.018	0.011	9.50E-02
BMI	rs2196618	G	0.75	0.014	0.002	5.57E-13	0.007	0.009	3.10E-01
BMI	rs354508	C	0.84	0.015	0.002	2.18E-10	0.005	0.011	5.90E-01
BMI	rs36061954	T	0.38	0.012	0.002	3.77E-10	0.003	0.008	8.60E-01

BMI	rs3808477	C	0.76	0.018	0.002	9.80E-22	0.002	0.009	6.70E-01
BMI	rs4123853	T	0.37	0.014	0.002	1.79E-16	0.009	0.008	2.50E-01
BMI	rs4841504	C	0.50	0.017	0.002	3.22E-25	0.004	0.008	4.90E-01
BMI	rs72673947	G	0.12	0.022	0.003	6.31E-13	0.021	0.013	1.20E-01
BMI	rs7826312	C	0.59	0.011	0.002	9.59E-12	0.001	0.008	5.90E-01
BMI	rs10116186	G	0.52	0.012	0.002	1.03E-09	-0.007	0.008	4.20E-01
BMI	rs10761247	G	0.43	0.011	0.002	2.99E-11	0.000	0.008	8.90E-01
BMI	rs10858334	G	0.13	0.015	0.003	3.22E-09	-0.021	0.011	8.70E-02
BMI	rs10984756	G	0.09	0.018	0.003	3.26E-10	0.011	0.013	3.10E-01
BMI	rs1928295	T	0.56	0.013	0.002	5.52E-17	-0.012	0.008	1.30E-01
BMI	rs2134858	C	0.46	0.012	0.002	5.89E-12	0.007	0.008	4.30E-01
BMI	rs2183824	T	0.31	0.023	0.002	4.16E-43	0.007	0.008	4.90E-01
BMI	rs2777768	A	0.74	0.012	0.002	3.77E-10	0.002	0.009	6.40E-01
BMI	rs3739514	A	0.35	0.013	0.002	4.11E-11	0.014	0.008	5.10E-02
BMI	rs3811125	C	0.73	0.015	0.002	4.55E-13	0.004	0.009	5.00E-01
BMI	rs4740619	T	0.52	0.019	0.002	3.36E-32	0.012	0.008	1.20E-01
BMI	rs6476617	G	0.64	0.015	0.002	1.87E-18	0.036	0.008	6.50E-06
BMI	rs6477694	C	0.33	0.013	0.002	1.25E-13	0.009	0.008	3.60E-01
BMI	rs7024334	T	0.23	0.014	0.002	1.48E-11	0.002	0.009	7.50E-01
BMI	rs7037266	C	0.65	0.011	0.002	3.89E-09	-0.002	0.008	9.60E-01
BMI	rs7357754	G	0.52	0.012	0.002	1.68E-12	0.007	0.008	2.60E-01
BMI	rs867560	G	0.46	0.014	0.002	1.24E-15	-0.005	0.008	5.40E-01
BMI	rs10761785	G	0.49	0.013	0.002	9.37E-17	-0.009	0.008	3.30E-01
BMI	rs10823893	A	0.39	0.012	0.002	6.74E-11	-0.001	0.008	9.10E-01
BMI	rs10887584	A	0.45	0.013	0.002	3.32E-11	0.004	0.008	6.30E-01
BMI	rs12098284	T	0.12	0.018	0.003	1.47E-12	0.013	0.012	2.20E-01
BMI	rs12765914	T	0.08	0.023	0.003	3.09E-13	0.014	0.014	4.10E-01
BMI	rs1277733	T	0.78	0.012	0.002	1.97E-09	0.008	0.009	5.30E-01
BMI	rs17636031	C	0.27	0.015	0.002	1.17E-17	-0.001	0.009	8.10E-01
BMI	rs2439823	G	0.55	0.017	0.002	2.85E-22	0.012	0.008	6.90E-02
BMI	rs34277166	A	0.45	0.014	0.002	3.48E-14	0.009	0.008	3.30E-01
BMI	rs4097319	T	0.58	0.011	0.002	3.09E-10	0.001	0.008	9.50E-01
BMI	rs4290163	T	0.41	0.013	0.002	2.06E-14	-0.011	0.008	2.40E-01
BMI	rs4880341	C	0.47	0.013	0.002	2.06E-14	0.003	0.008	8.10E-01
BMI	rs7070670	C	0.68	0.013	0.002	1.97E-09	0.008	0.008	3.10E-01
BMI	rs7084454	A	0.34	0.020	0.002	3.82E-28	0.013	0.008	1.70E-01
BMI	rs7893571	T	0.67	0.013	0.002	3.80E-12	0.001	0.008	7.90E-01
BMI	rs7899106	G	0.04	0.033	0.004	9.76E-19	0.040	0.018	3.70E-02
BMI	rs7903146	C	0.68	0.018	0.002	4.65E-23	-0.010	0.009	2.10E-01
BMI	rs845084	A	0.25	0.014	0.002	8.19E-13	0.004	0.009	7.20E-01
BMI	rs11218510	G	0.63	0.014	0.002	2.56E-12	0.004	0.008	4.80E-01
BMI	rs12282785	C	0.75	0.016	0.002	8.73E-12	0.006	0.010	3.70E-01
BMI	rs12286929	G	0.48	0.018	0.002	1.91E-28	0.005	0.008	4.80E-01
BMI	rs12364470	G	0.16	0.019	0.002	1.90E-17	0.019	0.010	6.90E-02
BMI	rs1982350	G	0.65	0.016	0.002	4.45E-18	0.006	0.008	5.00E-01
BMI	rs2065418	T	0.65	0.014	0.002	1.14E-14	0.008	0.008	3.10E-01
BMI	rs2605603	G	0.50	0.010	0.002	1.21E-10	0.001	0.008	8.10E-01
BMI	rs2862996	G	0.34	0.022	0.002	5.48E-37	0.019	0.008	1.20E-02
BMI	rs349088	C	0.48	0.013	0.002	2.06E-14	0.002	0.008	4.90E-01
BMI	rs3825061	T	0.35	0.014	0.002	1.79E-16	0.007	0.008	3.00E-01
BMI	rs4256980	G	0.63	0.019	0.002	3.82E-28	0.022	0.008	4.60E-03
BMI	rs5215	T	0.65	0.011	0.002	2.99E-11	0.000	0.008	9.50E-01
BMI	rs592483	C	0.42	0.014	0.002	7.70E-16	0.004	0.008	6.10E-01
BMI	rs6265	C	0.80	0.041	0.002	4.16E-86	0.034	0.010	1.40E-03
BMI	rs6591407	C	0.81	0.012	0.002	3.53E-09	0.012	0.010	2.70E-01
BMI	rs7124681	A	0.42	0.026	0.002	4.67E-58	0.000	0.008	9.70E-01

BMI	rs76942203	A	0.06	0.026	0.004	1.41E-10	0.004	0.017	7.50E-01
BMI	rs7944782	G	0.51	0.014	0.002	2.44E-17	0.024	0.008	3.30E-03
BMI	rs10744146	G	0.44	0.011	0.002	2.99E-11	0.003	0.008	7.30E-01
BMI	rs11047132	G	0.09	0.023	0.003	2.43E-13	0.018	0.014	2.20E-01
BMI	rs11105839	T	0.65	0.011	0.002	2.99E-11	0.000	0.008	7.20E-01
BMI	rs11115176	T	0.78	0.013	0.002	5.40E-12	0.011	0.009	2.30E-01
BMI	rs11170468	A	0.77	0.013	0.002	7.80E-12	0.002	0.009	7.60E-01
BMI	rs11611246	T	0.18	0.022	0.002	7.16E-29	0.011	0.009	1.80E-01
BMI	rs11836108	A	0.28	0.011	0.002	3.43E-10	0.001	0.008	9.80E-01
BMI	rs12321904	T	0.53	0.010	0.002	1.97E-09	0.008	0.008	4.40E-01
BMI	rs12369179	C	0.93	0.034	0.003	5.46E-28	0.003	0.013	7.40E-01
BMI	rs12422552	G	0.71	0.013	0.002	5.40E-12	0.005	0.009	4.60E-01
BMI	rs650198	C	0.31	0.014	0.002	5.57E-13	-0.001	0.009	5.80E-01
BMI	rs6539064	C	0.72	0.019	0.002	1.78E-24	0.007	0.009	4.10E-01
BMI	rs704061	C	0.44	0.014	0.002	6.66E-17	-0.004	0.008	7.60E-01
BMI	rs7138803	A	0.34	0.030	0.002	2.40E-68	0.001	0.008	8.30E-01
BMI	rs7975187	G	0.22	0.014	0.002	6.85E-11	0.019	0.009	2.40E-02
BMI	rs1045411	C	0.73	0.014	0.002	2.56E-13	0.023	0.009	5.50E-03
BMI	rs12429545	A	0.11	0.031	0.002	7.09E-39	0.002	0.012	8.20E-01
BMI	rs12868881	A	0.43	0.014	0.002	4.75E-16	0.010	0.008	1.80E-01
BMI	rs1536053	C	0.69	0.012	0.002	1.35E-10	-0.001	0.008	9.20E-01
BMI	rs1927790	C	0.45	0.014	0.002	2.13E-18	0.023	0.008	2.90E-03
BMI	rs41284828	G	0.96	0.034	0.006	2.20E-09	-0.028	0.023	1.60E-01
BMI	rs4421883	C	0.55	0.010	0.002	1.37E-09	0.002	0.008	8.20E-01
BMI	rs77432547	G	0.28	0.017	0.002	5.72E-16	0.005	0.009	5.90E-01
BMI	rs8181823	C	0.78	0.013	0.002	4.10E-10	0.005	0.009	7.00E-01
BMI	rs9540493	A	0.47	0.013	0.002	3.24E-14	-0.013	0.008	8.60E-02
BMI	rs9595908	T	0.59	0.015	0.002	1.32E-19	0.009	0.008	3.00E-01
BMI	rs9603697	T	0.35	0.013	0.002	9.74E-14	-0.001	0.008	7.30E-01
BMI	rs10132280	C	0.68	0.021	0.002	1.35E-32	-0.002	0.008	6.30E-01
BMI	rs1491905	T	0.48	0.015	0.002	5.28E-18	0.013	0.008	1.30E-01
BMI	rs1951455	C	0.74	0.015	0.002	6.73E-15	-0.019	0.009	2.50E-02
BMI	rs1954494	T	0.54	0.010	0.002	1.34E-09	-0.001	0.008	8.60E-01
BMI	rs217669	C	0.25	0.017	0.002	2.60E-16	0.023	0.009	8.60E-03
BMI	rs4906263	G	0.33	0.018	0.002	1.40E-22	0.015	0.008	4.10E-02
BMI	rs709400	A	0.61	0.015	0.002	3.15E-18	0.013	0.008	7.80E-02
BMI	rs7144011	T	0.21	0.026	0.002	1.70E-39	0.000	0.009	9.80E-01
BMI	rs872281	C	0.83	0.015	0.002	3.88E-11	0.005	0.010	4.60E-01
BMI	rs942066	G	0.62	0.020	0.002	5.52E-24	0.022	0.008	1.00E-02
BMI	rs11633626	C	0.38	0.016	0.002	2.73E-18	0.008	0.008	3.20E-01
BMI	rs11636611	T	0.51	0.010	0.002	9.50E-10	0.013	0.008	1.10E-01
BMI	rs11856579	G	0.78	0.016	0.002	2.38E-17	0.012	0.009	1.80E-01
BMI	rs12438629	C	0.97	0.035	0.005	2.50E-11	0.003	0.027	8.90E-01
BMI	rs1471212	A	0.47	0.011	0.002	1.44E-10	0.010	0.008	1.80E-01
BMI	rs1996120	G	0.59	0.017	0.002	1.67E-25	0.000	0.008	1.00E+00
BMI	rs2715423	G	0.77	0.012	0.002	1.42E-09	-0.011	0.009	2.00E-01
BMI	rs6493498	T	0.46	0.014	0.002	1.10E-17	0.005	0.008	6.10E-01
BMI	rs7181610	A	0.89	0.015	0.003	5.22E-09	0.025	0.011	1.40E-02
BMI	rs8024806	T	0.94	0.025	0.004	3.95E-13	0.022	0.016	1.80E-01
BMI	rs11075489	C	0.53	0.012	0.002	8.88E-12	0.010	0.008	1.90E-01
BMI	rs11866815	C	0.76	0.015	0.002	8.10E-16	0.013	0.009	1.60E-01
BMI	rs12449219	G	0.14	0.016	0.003	2.83E-10	0.011	0.012	3.40E-01
BMI	rs12922346	C	0.23	0.013	0.002	2.93E-11	0.018	0.009	4.10E-02
BMI	rs194809	A	0.18	0.013	0.002	1.02E-08	0.012	0.010	2.30E-01
BMI	rs2342892	T	0.45	0.013	0.002	1.25E-13	-0.002	0.008	8.70E-01
BMI	rs2601777	G	0.62	0.014	0.002	4.04E-17	-0.003	0.008	7.30E-01

BMI	rs4609871	T	0.51	0.022	0.002	5.66E-38	-0.002	0.008	8.60E-01
BMI	rs7206608	G	0.31	0.013	0.002	5.11E-13	0.016	0.008	4.00E-02
BMI	rs7498665	G	0.33	0.029	0.002	4.42E-63	0.016	0.008	3.90E-02
BMI	rs889398	C	0.58	0.020	0.002	3.62E-34	0.016	0.008	4.90E-02
BMI	rs9937053	A	0.44	0.072	0.002	0.00E+00	0.021	0.008	7.50E-03
BMI	rs1106908	G	0.55	0.016	0.002	8.09E-24	-0.002	0.008	7.10E-01
BMI	rs11655587	C	0.68	0.021	0.002	8.64E-26	0.001	0.008	9.20E-01
BMI	rs12939549	A	0.57	0.018	0.002	2.32E-29	-0.002	0.008	7.40E-01
BMI	rs1320251	C	0.51	0.018	0.002	2.19E-25	0.008	0.008	1.80E-01
BMI	rs2619976	T	0.38	0.011	0.002	5.43E-09	0.004	0.008	5.10E-01
BMI	rs3744017	A	0.20	0.014	0.002	2.65E-10	0.000	0.010	8.00E-01
BMI	rs3923783	C	0.82	0.022	0.002	6.06E-24	0.023	0.010	2.10E-02
BMI	rs3930349	C	0.77	0.014	0.002	2.56E-12	-0.002	0.009	7.40E-01
BMI	rs6607337	C	0.70	0.012	0.002	6.74E-11	0.020	0.009	1.30E-02
BMI	rs8075273	C	0.74	0.014	0.002	2.72E-14	-0.002	0.009	9.10E-01
BMI	rs1356506	T	0.64	0.014	0.002	2.72E-14	0.020	0.008	1.10E-02
BMI	rs594821	C	0.93	0.019	0.003	1.93E-10	0.006	0.014	7.70E-01
BMI	rs6567160	C	0.24	0.055	0.002	1.43E-185	-0.004	0.009	8.60E-01
BMI	rs7238896	G	0.14	0.022	0.003	6.93E-15	-0.003	0.011	8.10E-01
BMI	rs7239114	A	0.53	0.012	0.002	1.68E-12	0.008	0.008	2.20E-01
BMI	rs891387	T	0.53	0.021	0.002	2.01E-34	0.007	0.008	4.30E-01
BMI	rs10518269	C	0.82	0.017	0.002	5.41E-14	0.008	0.010	4.20E-01
BMI	rs11672660	C	0.79	0.034	0.002	2.76E-58	-0.015	0.010	1.00E-01
BMI	rs12151152	G	0.59	0.021	0.002	8.64E-26	0.003	0.008	7.60E-01
BMI	rs12462975	A	0.29	0.019	0.002	8.01E-27	-0.011	0.008	2.60E-01
BMI	rs273505	C	0.45	0.017	0.002	8.61E-20	0.035	0.008	1.20E-05
BMI	rs56356382	T	0.81	0.022	0.002	1.54E-19	0.018	0.010	7.70E-02
BMI	rs1409818	T	0.10	0.020	0.003	3.30E-12	0.024	0.013	1.00E-01
BMI	rs16989232	A	0.35	0.012	0.002	1.34E-11	0.000	0.008	8.70E-01
BMI	rs17201143	C	0.69	0.011	0.002	4.90E-10	0.004	0.008	5.90E-01
BMI	rs17806224	G	0.82	0.026	0.002	3.14E-32	0.031	0.010	2.00E-03
BMI	rs1884389	C	0.57	0.011	0.002	2.11E-10	-0.010	0.008	2.10E-01
BMI	rs1884897	G	0.61	0.018	0.002	2.66E-27	-0.007	0.008	3.20E-01
BMI	rs615568	G	0.49	0.010	0.002	2.83E-09	0.009	0.008	2.80E-01
BMI	rs6512302	C	0.74	0.013	0.002	2.08E-11	0.017	0.009	1.00E-01
BMI	rs8122855	A	0.35	0.014	0.002	2.72E-14	0.028	0.008	2.60E-04
BMI	rs140733155	G	0.01	0.056	0.009	2.73E-09	0.020	0.038	5.40E-01
BMI	rs2832283	A	0.27	0.012	0.002	8.92E-09	-0.019	0.009	3.50E-02
BMI	rs427943	C	0.56	0.018	0.002	2.19E-25	0.012	0.008	1.00E-01
BMI	rs8134638	C	0.41	0.013	0.002	2.93E-11	0.003	0.008	7.90E-01
BMI	rs12628051	T	0.68	0.016	0.002	3.74E-19	-0.009	0.008	2.80E-01
BMI	rs12628891	C	0.71	0.012	0.002	1.42E-09	-0.004	0.008	6.50E-01
Caffeine	rs115454798	A	0.87	-0.023	0.003	1.10E-10	0.023	0.012	6.40E-02
Caffeine	rs117810762	G	0.98	-0.068	0.009	1.30E-14	0.031	0.030	2.60E-01
Caffeine	rs1228024	C	0.34	0.014	0.002	1.30E-08	-0.002	0.008	7.90E-01
Caffeine	rs12514566	G	0.66	0.017	0.002	2.20E-12	0.012	0.008	1.20E-01
Caffeine	rs12591786	C	0.84	0.020	0.003	3.90E-10	0.002	0.011	9.90E-01
Caffeine	rs1260326	T	0.39	-0.023	0.002	4.20E-22	0.039	0.008	4.10E-07
Caffeine	rs12785227	A	0.69	0.015	0.003	6.50E-09	-0.001	0.008	8.10E-01
Caffeine	rs1490384	C	0.50	-0.016	0.002	8.30E-12	-0.006	0.008	5.60E-01
Caffeine	rs17685	G	0.72	-0.041	0.003	3.80E-56	-0.005	0.009	4.70E-01
Caffeine	rs215601	A	0.37	0.015	0.002	6.00E-10	0.018	0.008	4.50E-02
Caffeine	rs2231142	G	0.89	0.039	0.004	1.10E-26	0.008	0.012	6.20E-01
Caffeine	rs2472297	C	0.73	-0.105	0.003	1.00E-200	-0.006	0.009	5.40E-01
Caffeine	rs2667773	A	0.69	0.015	0.003	2.50E-09	0.010	0.008	2.20E-01
Caffeine	rs4240624	G	0.09	0.027	0.004	1.90E-11	-0.022	0.014	1.00E-01



Caffeine	rs4410790	C	0.62	0.150	0.017	2.36E-19	0.005	0.008	3.50E-01
Caffeine	rs4418728	G	0.55	0.014	0.002	7.00E-10	0.014	0.008	6.20E-02
Caffeine	rs489693	C	0.67	-0.018	0.002	1.30E-12	-0.003	0.008	5.70E-01
Caffeine	rs56113850	T	0.42	-0.026	0.002	1.90E-29	-0.012	0.008	1.40E-01
Caffeine	rs6062679	T	0.53	-0.023	0.002	4.50E-22	0.002	0.008	9.90E-01
Caffeine	rs62332762	C	0.60	0.018	0.002	1.20E-14	0.000	0.008	9.50E-01
Caffeine	rs6265	C	0.81	0.022	0.003	3.40E-13	0.034	0.010	1.40E-03
Caffeine	rs7105462	G	0.41	0.014	0.002	2.10E-09	0.000	0.008	8.60E-01
Caffeine	rs78456557	C	0.90	-0.024	0.004	1.20E-09	-0.020	0.013	1.70E-01
Caffeine	rs9611527	G	0.66	0.020	0.002	1.00E-15	0.012	0.008	1.10E-01
Caffeine_coffee	rs1057868	C	0.71	-0.024	0.003	5.50E-22	-0.006	0.009	4.10E-01
Caffeine_coffee	rs11127048	G	0.38	-0.020	0.002	8.10E-17	0.036	0.008	3.80E-06
Caffeine_coffee	rs117810762	G	0.98	-0.050	0.009	1.10E-08	0.031	0.030	2.60E-01
Caffeine_coffee	rs12514566	G	0.66	0.015	0.002	1.00E-09	0.012	0.008	1.20E-01
Caffeine_coffee	rs1327259	A	0.61	0.016	0.002	3.10E-11	0.001	0.008	9.80E-01
Caffeine_coffee	rs181251778	A	0.99	0.073	0.010	1.50E-13	0.086	0.033	7.00E-03
Caffeine_coffee	rs2298527	G	0.41	0.015	0.002	1.60E-10	-0.001	0.008	8.30E-01
Caffeine_coffee	rs2472297	C	0.73	-0.065	0.003	3.10E-140	-0.006	0.009	5.40E-01
Caffeine_coffee	rs2521501	A	0.68	0.015	0.002	1.60E-09	0.010	0.008	2.50E-01
Caffeine_coffee	rs2726513	G	0.59	0.015	0.002	7.00E-11	-0.001	0.008	7.80E-01
Caffeine_coffee	rs34060476	A	0.87	-0.025	0.003	7.10E-14	-0.013	0.011	2.30E-01
Caffeine_coffee	rs35198275	A	0.87	0.021	0.003	8.20E-10	-0.017	0.011	1.30E-01
Caffeine_coffee	rs4410790	T	0.36	-0.052	0.002	2.80E-104	-0.005	0.008	3.50E-01
Caffeine_coffee	rs4615895	G	0.26	-0.017	0.003	8.60E-11	-0.001	0.009	9.00E-01
Caffeine_coffee	rs56113850	T	0.42	-0.021	0.002	4.90E-19	-0.012	0.008	1.40E-01
Caffeine_coffee	rs6063085	A	0.63	-0.016	0.002	3.40E-11	-0.024	0.008	1.90E-03
Caffeine_coffee	rs66723169	C	0.77	-0.022	0.003	1.80E-16	0.008	0.009	5.70E-01
Caffeine_coffee	rs6893807	A	0.84	-0.019	0.003	1.30E-09	-0.022	0.011	4.90E-02
Caffeine_coffee	rs7571970	T	0.17	-0.021	0.003	9.40E-12	0.005	0.010	6.30E-01
Caffeine_coffee	rs76881016	A	0.93	-0.026	0.004	6.60E-09	-0.026	0.015	9.60E-02
Caffeine_tea	rs10741694	T	0.37	-0.015	0.002	1.80E-10	-0.007	0.008	5.10E-01
Caffeine_tea	rs11022752	A	0.73	-0.015	0.003	1.20E-09	-0.004	0.009	6.00E-01
Caffeine_tea	rs11204711	A	0.62	-0.014	0.002	6.40E-10	0.011	0.008	1.90E-01
Caffeine_tea	rs12591786	C	0.84	0.020	0.003	3.00E-10	0.002	0.011	9.90E-01
Caffeine_tea	rs132919	G	0.23	-0.017	0.003	2.40E-10	-0.007	0.009	3.90E-01
Caffeine_tea	rs140775622	C	0.83	-0.023	0.003	1.80E-12	0.002	0.011	9.70E-01
Caffeine_tea	rs1481012	A	0.89	0.026	0.004	1.90E-13	0.006	0.012	7.20E-01
Caffeine_tea	rs17685	G	0.72	-0.024	0.002	7.20E-22	-0.005	0.009	4.70E-01
Caffeine_tea	rs192084998	G	0.70	0.016	0.002	1.20E-10	0.006	0.008	3.70E-01
Caffeine_tea	rs2117137	A	0.59	-0.013	0.002	2.90E-09	0.000	0.008	9.60E-01
Caffeine_tea	rs2465018	G	0.77	-0.022	0.003	1.10E-16	-0.001	0.009	7.80E-01
Caffeine_tea	rs2472297	C	0.73	-0.054	0.003	3.30E-102	-0.006	0.009	5.40E-01
Caffeine_tea	rs28429148	G	0.57	0.013	0.002	8.20E-09	-0.020	0.008	1.30E-02
Caffeine_tea	rs4410790	T	0.37	-0.040	0.002	1.10E-67	-0.005	0.008	3.50E-01
Caffeine_tea	rs4817505	T	0.61	-0.015	0.002	4.20E-11	0.009	0.008	1.80E-01
Caffeine_tea	rs56188862	T	0.61	0.017	0.002	2.40E-13	-0.007	0.008	3.80E-01
Caffeine_tea	rs62534435	C	0.80	-0.016	0.003	4.40E-09	-0.003	0.010	7.30E-01
Caffeine_tea	rs73053413	C	0.84	0.022	0.003	7.10E-13	0.007	0.010	5.10E-01
Caffeine_tea	rs9624470	G	0.42	-0.025	0.002	6.80E-29	-0.004	0.008	6.30E-01
Coffee	rs574367	T	0.21	0.021	0.004	5.43E-09	0.001	0.010	8.70E-01
Coffee	rs10865548	G	0.83	0.031	0.004	5.26E-16	-0.004	0.010	6.80E-01
Coffee	rs1260326	C	0.61	0.027	0.003	1.23E-19	-0.039	0.008	4.10E-07
Coffee	rs1057868	T	0.29	0.039	0.003	7.76E-35	0.006	0.009	4.10E-01
Coffee	rs34060476	G	0.13	0.038	0.004	8.63E-18	0.013	0.011	2.30E-01
Coffee	rs4410790	C	0.63	0.079	0.003	4.61E-152	0.005	0.008	3.50E-01
Coffee	rs73073176	C	0.87	0.046	0.004	8.64E-26	0.011	0.011	3.80E-01



Coffee	rs597045	A	0.69	0.021	0.003	2.27E-11	-0.006	0.009	3.60E-01
Coffee	rs1956218	G	0.56	0.016	0.003	4.59E-08	-0.012	0.008	1.30E-01
Coffee	rs2472297	T	0.27	0.091	0.003	4.02E-157	0.006	0.009	5.40E-01
Coffee	rs66723169	A	0.23	0.029	0.004	3.17E-16	-0.008	0.009	5.70E-01
Coffee	rs2330783	G	0.99	0.091	0.013	6.46E-13	0.087	0.033	8.10E-03
CigPDay	rs11725618	C	0.31	0.036	0.006	4.72E-09	0.002	0.009	7.80E-01
CigPDay	rs11852372	C	0.36	0.182	0.006	2.96E-209	-0.010	0.008	1.40E-01
CigPDay	rs13141210	T	0.50	-0.031	0.006	2.72E-08	0.000	0.008	6.20E-01
CigPDay	rs2072659	G	0.10	-0.065	0.009	1.70E-12	0.018	0.013	2.20E-01
CigPDay	rs2084533	T	0.31	0.034	0.006	1.19E-08	-0.012	0.008	1.10E-01
CigPDay	rs215600	A	0.67	-0.049	0.006	1.11E-17	-0.021	0.008	2.00E-02
CigPDay	rs2273500	C	0.15	0.068	0.008	2.44E-18	0.004	0.011	6.80E-01
CigPDay	rs2386571	C	0.58	-0.032	0.006	1.02E-08	-0.011	0.008	1.40E-01
CigPDay	rs2424888	A	0.36	0.033	0.006	2.83E-09	-0.007	0.008	4.30E-01
CigPDay	rs3025383	C	0.18	-0.058	0.007	2.22E-16	-0.003	0.010	9.30E-01
CigPDay	rs4785587	A	0.48	-0.034	0.006	1.24E-09	-0.006	0.008	4.40E-01
CigPDay	rs56113850	C	0.59	0.107	0.006	1.39E-81	0.012	0.008	1.40E-01
CigPDay	rs58379124	C	0.77	0.067	0.007	7.37E-25	0.014	0.009	1.90E-01
CigPDay	rs632811	G	0.35	-0.037	0.006	1.02E-08	0.015	0.008	5.00E-02
CigPDay	rs7431710	A	0.66	-0.035	0.006	1.78E-09	0.004	0.008	5.20E-01
CigPDay	rs76164573	G	0.05	-0.072	0.013	3.70E-08	-0.012	0.017	5.50E-01
CigPDay	rs790564	C	0.73	-0.041	0.006	4.03E-11	-0.014	0.009	1.30E-01
CigPDay	rs7928017	A	0.41	-0.033	0.006	3.13E-09	-0.008	0.008	4.00E-01
CigPDay	rs806798	C	0.53	-0.031	0.006	2.45E-08	-0.010	0.008	1.80E-01
Drinking	rs10753661	A	0.68	-0.009	0.002	3.70E-08	-0.001	0.008	7.30E-01
Drinking	rs12088813	C	0.27	-0.009	0.002	1.54E-08	-0.006	0.009	7.00E-01
Drinking	rs28680958	A	0.22	-0.011	0.002	5.20E-10	-0.001	0.009	8.40E-01
Drinking	rs5024204	T	0.28	0.010	0.002	2.55E-09	-0.012	0.009	1.20E-01
Drinking	rs58107686	A	0.33	-0.010	0.002	7.84E-10	0.001	0.008	9.40E-01
Drinking	rs705687	G	0.79	-0.011	0.002	8.25E-10	-0.001	0.009	8.80E-01
Drinking	rs823114	A	0.55	0.009	0.001	2.30E-09	0.000	0.008	9.50E-01
Drinking	rs11692435	A	0.09	0.017	0.003	2.54E-11	0.015	0.015	3.60E-01
Drinking	rs1260326	C	0.60	0.021	0.001	9.43E-45	-0.039	0.008	4.10E-07
Drinking	rs13024996	A	0.36	-0.011	0.002	5.84E-13	-0.010	0.008	3.60E-01
Drinking	rs13032049	G	0.28	0.010	0.002	2.96E-10	0.009	0.009	2.40E-01
Drinking	rs13383034	T	0.33	0.015	0.002	6.40E-22	0.015	0.008	3.40E-02
Drinking	rs56337305	C	0.38	-0.010	0.001	1.60E-10	0.001	0.008	9.80E-01
Drinking	rs72859280	T	0.04	0.023	0.004	4.49E-09	0.019	0.021	3.70E-01
Drinking	rs77165542	T	0.03	-0.026	0.004	5.76E-11	-0.049	0.021	2.20E-02
Drinking	rs828867	A	0.55	0.009	0.001	2.19E-09	0.001	0.008	9.80E-01
Drinking	rs13066454	T	0.40	-0.009	0.001	4.05E-09	-0.018	0.008	1.80E-02
Drinking	rs13094887	T	0.30	-0.010	0.002	8.67E-11	-0.023	0.008	7.60E-03
Drinking	rs2011092	C	0.34	-0.009	0.002	7.50E-09	0.006	0.008	5.60E-01
Drinking	rs62250685	G	0.61	-0.014	0.002	1.06E-21	-0.001	0.008	9.90E-01
Drinking	rs6787172	G	0.55	-0.008	0.001	4.32E-08	-0.006	0.008	4.60E-01
Drinking	rs9838144	C	0.21	-0.010	0.002	2.72E-08	0.011	0.010	2.40E-01
Drinking	rs11940694	G	0.60	0.026	0.001	2.68E-68	0.011	0.008	2.70E-01
Drinking	rs1229984	C	0.96	0.151	0.004	0.00E+00	0.158	0.025	7.00E-10
Drinking	rs12651313	G	0.44	-0.009	0.001	3.85E-09	-0.007	0.008	3.70E-01
Drinking	rs13107325	T	0.07	-0.028	0.003	1.56E-22	0.011	0.015	4.00E-01
Drinking	rs2165670	A	0.11	0.023	0.002	1.64E-22	0.042	0.013	1.80E-03
Drinking	rs36052336	G	0.06	-0.018	0.003	1.24E-09	0.002	0.016	1.00E+00
Drinking	rs3748034	T	0.14	-0.012	0.002	1.71E-08	-0.011	0.011	4.20E-01
Drinking	rs4501255	G	0.24	0.011	0.002	4.94E-10	-0.012	0.009	1.90E-01
Drinking	rs4690727	G	0.72	0.011	0.002	2.42E-11	-0.014	0.009	1.00E-01
Drinking	rs4699791	A	0.10	0.019	0.002	6.55E-14	0.016	0.013	2.50E-01

Drinking	rs79139602	T	0.02	0.060	0.005	1.61E-32	0.050	0.028	1.20E-01
Drinking	rs12655091	A	0.53	-0.008	0.001	1.25E-08	0.000	0.008	8.40E-01
Drinking	rs4916723	C	0.42	-0.010	0.001	1.69E-11	0.001	0.008	8.80E-01
Drinking	rs55872084	T	0.24	0.010	0.002	6.43E-09	0.006	0.009	5.20E-01
Drinking	rs10236149	G	0.12	-0.013	0.002	1.18E-09	-0.055	0.012	3.90E-06
Drinking	rs35034355	A	0.52	-0.008	0.001	2.86E-08	0.007	0.008	4.10E-01
Drinking	rs6460047	C	0.21	0.012	0.002	9.61E-11	0.018	0.010	5.10E-02
Drinking	rs6951574	C	0.46	0.013	0.001	1.58E-19	0.003	0.008	7.20E-01
Drinking	rs1217091	C	0.81	0.012	0.002	7.07E-11	-0.017	0.010	9.90E-02
Drinking	rs13250583	T	0.21	-0.010	0.002	4.79E-08	0.007	0.009	4.30E-01
Drinking	rs28601761	G	0.42	0.009	0.001	7.07E-10	-0.047	0.008	2.00E-09
Drinking	rs10978550	C	0.21	-0.012	0.002	7.07E-11	0.006	0.010	4.10E-01
Drinking	rs55932213	G	0.74	0.009	0.002	9.70E-09	0.001	0.009	9.70E-01
Drinking	rs17665139	T	0.15	-0.012	0.002	1.62E-08	-0.003	0.011	7.50E-01
Drinking	rs7074871	A	0.26	-0.009	0.002	1.89E-08	0.012	0.009	1.90E-01
Drinking	rs10750025	T	0.69	0.010	0.002	4.94E-11	0.011	0.008	3.10E-01
Drinking	rs11030084	T	0.18	-0.011	0.002	1.71E-08	-0.035	0.010	1.20E-03
Drinking	rs12795042	C	0.62	-0.008	0.002	3.17E-08	-0.024	0.008	2.80E-03
Drinking	rs1713676	G	0.52	-0.008	0.001	4.32E-08	0.013	0.008	1.00E-01
Drinking	rs4938230	A	0.84	0.013	0.002	1.45E-10	0.026	0.011	1.40E-02
Drinking	rs56030824	A	0.32	-0.012	0.002	1.15E-13	-0.001	0.008	9.50E-01
Drinking	rs682011	C	0.56	0.008	0.001	2.21E-08	-0.007	0.008	3.80E-01
Drinking	rs7950166	T	0.64	-0.010	0.002	1.01E-10	0.024	0.008	1.90E-03
Drinking	rs10506274	T	0.48	-0.009	0.001	5.76E-10	0.000	0.008	9.80E-01
Drinking	rs10876188	T	0.46	-0.008	0.001	4.79E-08	-0.008	0.008	3.50E-01
Drinking	rs3809162	G	0.40	0.009	0.001	1.18E-09	0.004	0.008	5.30E-01
Drinking	rs4842786	A	0.58	-0.009	0.001	2.68E-09	-0.001	0.008	9.50E-01
Drinking	rs500321	T	0.74	-0.010	0.002	4.97E-09	0.005	0.009	4.80E-01
Drinking	rs1123285	G	0.34	-0.009	0.002	8.32E-09	-0.014	0.008	7.60E-02
Drinking	rs11625650	A	0.23	-0.010	0.002	2.86E-08	0.000	0.009	8.20E-01
Drinking	rs2180870	C	0.14	-0.012	0.002	1.13E-08	0.015	0.011	9.50E-02
Drinking	rs28929474	T	0.02	-0.037	0.005	1.31E-11	-0.026	0.028	2.80E-01
Drinking	rs12907323	G	0.41	0.008	0.001	9.70E-09	0.003	0.008	7.80E-01
Drinking	rs2472297	T	0.25	0.011	0.002	3.12E-10	0.006	0.009	5.40E-01
Drinking	rs1104608	C	0.43	-0.011	0.001	1.03E-13	-0.004	0.008	6.80E-01
Drinking	rs113443718	A	0.31	-0.010	0.002	1.18E-10	0.017	0.008	2.80E-02
Drinking	rs17177078	T	0.06	-0.022	0.003	1.27E-13	-0.016	0.017	3.10E-01
Drinking	rs2764771	A	0.31	0.010	0.002	4.03E-10	0.002	0.008	8.50E-01
Drinking	rs378421	A	0.40	-0.011	0.001	4.82E-14	0.013	0.008	7.40E-02
Drinking	rs62044525	G	0.18	-0.012	0.002	1.01E-10	-0.017	0.010	6.00E-02
Drinking	rs7185555	C	0.15	-0.011	0.002	4.32E-08	-0.002	0.011	9.80E-01
Drinking	rs79616692	C	0.11	0.016	0.002	4.05E-12	-0.003	0.013	8.90E-01
Drinking	rs10438820	T	0.70	0.009	0.002	1.80E-08	0.007	0.008	4.60E-01
Drinking	rs2854334	G	0.62	0.009	0.001	7.45E-10	0.002	0.008	6.70E-01
Drinking	rs3803800	G	0.79	0.011	0.002	1.52E-10	-0.022	0.010	2.10E-02
Drinking	rs4548913	A	0.63	-0.008	0.002	3.17E-08	0.001	0.008	9.90E-01
Drinking	rs4092465	G	0.64	-0.008	0.002	4.32E-08	0.007	0.008	3.10E-01
Drinking	rs9950000	T	0.40	-0.009	0.001	9.62E-10	0.004	0.008	4.90E-01
Drinking	rs281379	A	0.51	0.014	0.001	4.83E-21	0.009	0.008	2.20E-01
Drinking	rs4815364	A	0.62	0.009	0.001	1.02E-08	0.005	0.008	4.50E-01
Drinking	rs9607814	A	0.20	-0.010	0.002	4.32E-08	-0.004	0.010	6.00E-01
FG	rs2075423	T	0.38	-0.016	0.002	2.78E-21	-0.010	0.008	1.80E-01
FG	rs348330	A	0.63	-0.012	0.002	1.06E-09	-0.012	0.008	9.80E-02
FG	rs6662924	A	0.20	0.014	0.002	5.05E-10	-0.016	0.010	1.10E-01
FG	rs78132593	A	0.20	-0.015	0.002	2.36E-11	0.016	0.009	9.90E-02
FG	rs1057394	A	0.63	-0.012	0.002	5.62E-12	0.026	0.008	1.30E-03

FG	rs1260326	T	0.41	-0.028	0.002	8.48E-62	0.039	0.008	4.10E-07
FG	rs13389076	A	0.03	0.061	0.005	1.83E-35	0.045	0.033	2.30E-01
FG	rs13431652	T	0.68	0.069	0.002	0.00E+00	-0.002	0.008	6.60E-01
FG	rs140809953	A	0.02	0.037	0.007	4.31E-07	-0.040	0.032	2.20E-01
FG	rs180935712	A	0.01	0.057	0.008	3.62E-12	-0.030	0.029	2.70E-01
FG	rs189548	A	0.72	-0.012	0.002	7.75E-10	0.002	0.009	8.10E-01
FG	rs7584277	A	0.08	0.027	0.004	1.48E-13	0.012	0.015	4.20E-01
FG	rs77981966	T	0.06	-0.025	0.004	2.09E-12	0.003	0.015	8.60E-01
FG	rs11708067	A	0.82	0.028	0.002	7.70E-45	-0.023	0.009	1.10E-02
FG	rs1604038	T	0.29	-0.020	0.002	3.82E-28	0.015	0.009	4.40E-02
FG	rs16851397	A	0.96	0.033	0.004	6.93E-15	0.007	0.018	7.80E-01
FG	rs17437560	T	0.11	-0.018	0.003	4.53E-08	-0.017	0.013	2.50E-01
FG	rs6808574	T	0.39	-0.013	0.002	7.98E-14	-0.001	0.008	8.60E-01
FG	rs4862423	T	0.40	0.012	0.002	9.56E-11	0.009	0.008	2.70E-01
FG	rs157512	T	0.73	0.013	0.002	1.76E-10	0.011	0.009	2.80E-01
FG	rs1820176	T	0.70	0.025	0.002	4.87E-35	-0.005	0.009	4.70E-01
FG	rs7708285	A	0.69	-0.013	0.002	2.56E-12	-0.009	0.008	2.70E-01
FG	rs10305457	T	0.06	0.024	0.003	2.08E-13	-0.009	0.013	5.40E-01
FG	rs12055786	T	0.38	0.012	0.002	1.68E-12	0.009	0.008	4.40E-01
FG	rs3778321	A	0.18	-0.019	0.002	8.21E-19	-0.013	0.010	2.40E-01
FG	rs9348441	A	0.27	0.018	0.002	1.40E-22	0.001	0.009	8.30E-01
FG	rs10487796	A	0.48	-0.026	0.002	8.04E-60	-0.001	0.008	7.40E-01
FG	rs17168486	T	0.18	0.028	0.002	1.48E-40	0.005	0.010	7.10E-01
FG	rs194518	A	0.52	0.010	0.002	1.46E-08	-0.004	0.008	5.00E-01
FG	rs2595701	A	0.32	0.019	0.002	2.26E-19	-0.023	0.008	4.70E-03
FG	rs58925536	T	0.03	0.031	0.005	7.76E-09	-0.015	0.021	4.90E-01
FG	rs878521	A	0.25	0.055	0.002	6.95E-166	-0.003	0.009	8.60E-01
FG	rs12541643	T	0.48	0.012	0.002	5.28E-10	0.008	0.008	2.70E-01
FG	rs7012637	A	0.47	-0.018	0.002	3.38E-26	0.002	0.008	8.40E-01
FG	rs896854	T	0.46	0.010	0.002	6.11E-10	0.007	0.008	3.40E-01
FG	rs9650069	T	0.28	-0.029	0.002	7.57E-57	0.006	0.008	5.80E-01
FG	rs10811660	A	0.17	-0.022	0.002	3.81E-24	0.003	0.010	7.10E-01
FG	rs10974438	A	0.62	-0.020	0.002	2.38E-31	0.008	0.008	3.30E-01
FG	rs16913693	T	0.97	0.039	0.005	8.92E-16	0.012	0.025	6.80E-01
FG	rs3829109	A	0.28	-0.016	0.002	3.64E-16	-0.018	0.009	4.30E-02
FG	rs507666	A	0.19	0.016	0.002	5.74E-15	0.023	0.010	1.90E-02
FG	rs12784552	A	0.92	0.033	0.003	5.53E-28	-0.042	0.013	1.70E-03
FG	rs2839671	A	0.16	-0.016	0.002	3.52E-13	-0.008	0.010	3.10E-01
FG	rs7095788	T	0.36	-0.011	0.002	3.89E-09	-0.017	0.008	4.00E-02
FG	rs7903146	T	0.31	0.026	0.002	2.60E-42	0.010	0.009	2.10E-01
FG	rs10838524	A	0.48	0.024	0.002	4.79E-50	0.004	0.008	6.00E-01
FG	rs10838693	C	0.31	0.018	0.002	8.09E-23	-0.008	0.008	3.30E-01
FG	rs11020124	T	0.72	-0.060	0.002	3.79E-218	0.000	0.009	8.50E-01
FG	rs11603349	T	0.83	0.024	0.002	7.58E-27	0.004	0.011	6.70E-01
FG	rs174583	T	0.38	-0.017	0.002	4.97E-23	-0.001	0.008	9.90E-01
FG	rs192701415	A	0.90	0.020	0.003	3.38E-09	0.014	0.014	3.10E-01
FG	rs3842753	T	0.28	0.013	0.002	1.12E-09	-0.002	0.009	7.60E-01
FG	rs11610045	A	0.45	0.014	0.002	3.48E-14	0.006	0.008	5.20E-01
FG	rs2657879	A	0.80	-0.012	0.002	6.33E-08	-0.015	0.010	1.90E-01
FG	rs4760278	A	0.18	-0.011	0.002	3.80E-08	-0.006	0.009	5.40E-01
FG	rs6489811	A	0.49	-0.011	0.002	9.89E-10	-0.002	0.008	8.90E-01
FG	rs6538804	C	0.62	0.014	0.002	7.80E-14	-0.001	0.008	9.00E-01
FG	rs11619319	A	0.77	-0.017	0.002	5.15E-18	-0.002	0.009	6.70E-01
FG	rs12888855	A	0.19	-0.014	0.002	1.48E-11	-0.003	0.009	8.00E-01
FG	rs35889227	T	0.62	-0.013	0.002	7.80E-12	-0.004	0.008	6.90E-01
FG	rs12898997	T	0.60	-0.010	0.002	8.18E-09	0.005	0.008	5.60E-01

FG	rs17270243	A	0.76	-0.010	0.002	7.33E-07	0.003	0.009	7.20E-01
FG	rs6598541	A	0.35	0.011	0.002	2.00E-11	-0.006	0.008	4.50E-01
FG	rs7163757	T	0.43	-0.022	0.002	6.68E-42	0.008	0.008	2.70E-01
FG	rs7178572	A	0.32	-0.012	0.002	1.79E-11	-0.020	0.009	1.80E-02
FG	rs2238435	C	0.38	0.011	0.002	3.75E-09	-0.009	0.008	2.70E-01
FG	rs17265513	T	0.80	-0.016	0.002	5.32E-14	-0.008	0.010	2.80E-01
FG	rs6113722	A	0.07	-0.042	0.004	5.61E-22	-0.006	0.021	8.30E-01
FG	rs39713	T	0.06	-0.017	0.003	4.99E-08	-0.009	0.013	5.00E-01
FI	rs6674544	A	0.57	0.018	0.002	8.75E-19	0.016	0.008	6.30E-02
FI	rs1260326	T	0.41	-0.023	0.002	5.21E-34	0.039	0.008	4.10E-07
FI	rs13389219	T	0.41	-0.020	0.002	1.14E-25	-0.036	0.008	1.00E-05
FI	rs2943646	A	0.38	-0.025	0.002	1.53E-39	-0.018	0.008	1.90E-02
FI	rs5017305	A	0.24	0.014	0.003	1.37E-07	0.004	0.010	7.30E-01
FI	rs10865959	C	0.30	0.014	0.002	3.55E-10	0.030	0.008	1.80E-04
FI	rs11708067	A	0.82	-0.014	0.002	4.37E-09	-0.023	0.009	1.10E-02
FI	rs17036126	T	0.13	0.021	0.003	3.25E-12	0.005	0.011	5.90E-01
FI	rs17331151	T	0.11	-0.016	0.003	1.73E-07	-0.018	0.012	1.70E-01
FI	rs35000407	T	0.88	0.026	0.003	3.13E-20	0.048	0.012	8.90E-05
FI	rs62271373	A	0.06	0.026	0.005	9.64E-08	0.046	0.017	6.40E-03
FI	rs11727676	T	0.92	-0.020	0.004	1.94E-07	-0.008	0.013	5.00E-01
FI	rs3775380	A	0.50	-0.012	0.002	3.81E-11	-0.013	0.008	6.60E-02
FI	rs6855363	T	0.65	0.013	0.002	4.10E-10	0.018	0.008	2.80E-02
FI	rs9884482	T	0.61	-0.013	0.002	4.74E-11	0.013	0.008	1.30E-01
FI	rs10050393	T	0.54	0.009	0.002	2.17E-06	0.015	0.008	6.40E-02
FI	rs459193	A	0.29	-0.018	0.002	6.75E-18	-0.014	0.009	1.60E-01
FI	rs4865796	A	0.71	0.017	0.002	1.58E-16	0.025	0.008	2.10E-03
FI	rs116141873	T	0.03	0.043	0.006	4.04E-13	0.041	0.018	2.50E-02
FI	rs1474696	A	0.52	-0.015	0.002	3.17E-16	-0.024	0.008	2.80E-03
FI	rs2780215	A	0.96	0.039	0.006	4.90E-10	0.013	0.017	4.60E-01
FI	rs6905288	A	0.60	0.011	0.002	3.75E-09	0.018	0.008	3.30E-02
FI	rs73013411	A	0.12	-0.018	0.003	1.86E-08	-0.028	0.011	2.20E-02
FI	rs2108349	A	0.69	-0.012	0.002	8.92E-09	-0.011	0.008	1.40E-01
FI	rs972283	A	0.46	-0.011	0.002	3.27E-08	-0.012	0.008	8.10E-02
FI	rs13258890	T	0.75	0.013	0.003	3.06E-07	0.016	0.009	9.10E-02
FI	rs7012814	A	0.47	-0.022	0.002	9.72E-31	0.002	0.008	8.40E-01
FI	rs75179845	T	0.92	-0.022	0.004	6.77E-10	-0.030	0.017	6.90E-02
FI	rs118164457	T	0.96	-0.035	0.006	1.42E-09	-0.017	0.019	4.50E-01
FI	rs7903146	T	0.31	-0.012	0.002	3.32E-08	0.010	0.009	2.10E-01
FI	rs2845885	T	0.93	-0.020	0.004	1.69E-07	-0.012	0.017	5.10E-01
FI	rs1351394	T	0.47	-0.011	0.002	6.97E-10	-0.022	0.008	6.30E-03
FI	rs6487237	A	0.79	0.015	0.003	3.16E-09	-0.009	0.010	3.70E-01
FI	rs7133378	A	0.34	-0.013	0.002	2.15E-10	-0.028	0.008	1.30E-03
FI	rs860598	A	0.82	0.018	0.003	1.44E-12	0.001	0.011	8.10E-01
FI	rs12454712	T	0.60	0.014	0.003	1.35E-08	0.016	0.008	5.70E-02
FI	rs731839	A	0.66	-0.012	0.002	1.91E-10	-0.009	0.008	2.60E-01
FI	rs1206760	A	0.52	-0.011	0.002	3.75E-09	-0.008	0.008	3.50E-01
HDLC	rs1043897	G	0.58	-0.020	0.002	8.45E-25	0.007	0.008	3.20E-01
HDLC	rs10916239	T	0.62	-0.012	0.002	1.47E-09	0.016	0.008	5.10E-02
HDLC	rs11118320	C	0.44	0.015	0.002	1.21E-14	-0.013	0.008	1.20E-01
HDLC	rs113261881	G	0.94	0.024	0.004	1.31E-09	0.005	0.016	6.00E-01
HDLC	rs1168114	A	0.35	-0.016	0.002	6.63E-15	0.006	0.008	6.60E-01
HDLC	rs12045101	C	0.76	0.015	0.002	6.66E-11	0.004	0.009	6.10E-01
HDLC	rs12119128	G	0.70	0.012	0.002	3.35E-08	-0.006	0.009	4.40E-01
HDLC	rs12740374	G	0.78	-0.029	0.002	2.20E-36	-0.010	0.009	2.00E-01
HDLC	rs140584594	A	0.27	-0.031	0.002	5.51E-48	-0.039	0.009	1.20E-05
HDLC	rs141440048	C	0.98	-0.044	0.008	6.71E-09	-0.008	0.031	9.50E-01

HDLC	rs1663626	C	0.60	-0.013	0.002	2.92E-11	-0.003	0.008	7.20E-01
HDLC	rs17185038	C	0.93	-0.021	0.004	2.69E-08	0.024	0.016	1.30E-01
HDLC	rs1771582	T	0.44	-0.013	0.002	7.08E-11	-0.001	0.008	9.20E-01
HDLC	rs185073199	T	0.99	-0.064	0.010	2.50E-10	0.005	0.041	8.30E-01
HDLC	rs193084249	A	0.98	0.083	0.006	3.84E-38	-0.029	0.026	2.40E-01
HDLC	rs2281718	A	0.39	-0.060	0.002	8.57E-205	0.014	0.008	9.00E-02
HDLC	rs2298214	C	0.42	0.012	0.002	1.40E-10	-0.002	0.008	8.50E-01
HDLC	rs2298632	C	0.50	-0.014	0.002	1.59E-13	0.014	0.008	2.70E-02
HDLC	rs2642438	A	0.30	-0.028	0.002	1.92E-40	-0.052	0.008	1.70E-09
HDLC	rs267738	T	0.78	-0.021	0.002	1.16E-20	-0.018	0.009	6.50E-02
HDLC	rs3747973	A	0.41	-0.014	0.002	2.94E-13	0.000	0.008	9.10E-01
HDLC	rs3768321	G	0.80	0.045	0.002	1.28E-79	-0.005	0.010	6.10E-01
HDLC	rs3903399	T	0.79	0.013	0.002	2.89E-08	0.002	0.009	7.60E-01
HDLC	rs4233367	T	0.39	-0.011	0.002	4.69E-08	0.002	0.008	8.50E-01
HDLC	rs4650994	G	0.47	0.018	0.002	2.00E-21	0.011	0.008	2.30E-01
HDLC	rs4654395	C	0.48	0.012	0.002	2.16E-10	-0.011	0.008	2.00E-01
HDLC	rs4997370	G	0.41	-0.011	0.002	2.22E-08	0.012	0.008	1.60E-01
HDLC	rs557933	A	0.48	-0.015	0.002	1.04E-15	-0.016	0.008	5.30E-02
HDLC	rs56105022	G	0.96	0.034	0.005	3.49E-10	0.005	0.022	7.60E-01
HDLC	rs61805075	G	0.67	0.026	0.002	7.22E-37	-0.001	0.008	9.00E-01
HDLC	rs6664374	C	0.65	-0.014	0.002	2.43E-12	-0.004	0.008	4.90E-01
HDLC	rs72654647	G	0.75	0.014	0.002	3.11E-10	0.001	0.009	9.40E-01
HDLC	rs74328314	A	0.93	-0.023	0.004	1.28E-09	-0.029	0.015	6.10E-02
HDLC	rs75246752	G	0.99	-0.049	0.008	5.53E-09	0.006	0.034	9.70E-01
HDLC	rs771481	T	0.82	-0.029	0.002	8.55E-32	-0.003	0.010	7.80E-01
HDLC	rs1047891	C	0.68	0.019	0.002	2.69E-20	0.004	0.008	7.40E-01
HDLC	rs1083470	G	0.38	-0.012	0.002	3.80E-09	0.005	0.008	7.40E-01
HDLC	rs11687520	T	0.83	-0.017	0.003	2.88E-11	-0.006	0.010	4.00E-01
HDLC	rs11688682	G	0.73	-0.015	0.002	2.35E-11	0.017	0.009	3.80E-02
HDLC	rs11883967	A	0.34	-0.013	0.002	4.44E-10	0.004	0.008	4.50E-01
HDLC	rs12692596	C	0.63	0.011	0.002	1.34E-08	-0.004	0.008	5.40E-01
HDLC	rs12713007	C	0.50	0.011	0.002	2.07E-08	-0.014	0.008	9.40E-02
HDLC	rs12986742	T	0.52	0.011	0.002	3.85E-08	-0.011	0.008	2.30E-01
HDLC	rs12998038	C	0.74	-0.013	0.002	1.44E-09	0.001	0.009	7.90E-01
HDLC	rs13389219	C	0.61	-0.028	0.002	8.16E-46	0.036	0.008	1.00E-05
HDLC	rs1446585	A	0.76	-0.017	0.002	1.14E-14	0.003	0.009	8.00E-01
HDLC	rs17041868	T	0.94	0.025	0.004	2.38E-10	-0.032	0.016	4.00E-02
HDLC	rs17326656	G	0.76	0.023	0.002	8.22E-24	-0.022	0.009	1.40E-02
HDLC	rs2362541	T	0.49	0.011	0.002	1.19E-08	-0.010	0.008	1.50E-01
HDLC	rs2364723	G	0.68	-0.012	0.002	2.71E-09	0.004	0.008	6.00E-01
HDLC	rs2723065	A	0.62	-0.015	0.002	2.53E-14	0.001	0.008	9.30E-01
HDLC	rs2943645	C	0.35	0.043	0.002	8.60E-106	-0.018	0.008	2.00E-02
HDLC	rs35706812	A	0.57	0.013	0.002	8.20E-12	-0.004	0.008	5.50E-01
HDLC	rs4550673	A	0.92	0.019	0.003	2.05E-08	-0.036	0.014	3.00E-02
HDLC	rs4599108	C	0.51	-0.014	0.002	1.23E-12	-0.005	0.008	5.80E-01
HDLC	rs56131490	G	0.85	-0.015	0.003	1.95E-08	0.016	0.011	1.70E-01
HDLC	rs57074291	C	0.74	-0.013	0.002	1.44E-09	0.003	0.009	7.40E-01
HDLC	rs59104589	C	0.64	-0.015	0.002	3.59E-14	0.021	0.008	9.30E-03
HDLC	rs6542680	C	0.18	0.025	0.002	1.78E-23	-0.016	0.010	1.40E-01
HDLC	rs6738438	C	0.64	0.011	0.002	1.12E-08	0.002	0.008	9.20E-01
HDLC	rs676210	G	0.79	-0.059	0.002	3.69E-140	0.004	0.010	6.10E-01
HDLC	rs72926946	C	0.70	0.021	0.002	2.35E-23	-0.003	0.008	9.10E-01
HDLC	rs7583067	C	0.76	-0.015	0.002	7.36E-11	0.018	0.009	5.40E-02
HDLC	rs7595075	C	0.65	-0.014	0.002	5.45E-13	0.012	0.008	2.00E-01
HDLC	rs78058190	G	0.95	0.078	0.005	1.58E-57	-0.024	0.020	2.70E-01
HDLC	rs78456138	C	0.98	-0.035	0.006	3.49E-08	0.020	0.026	4.00E-01

HDLC	rs907866	G	0.55	0.018	0.002	1.56E-21	0.011	0.008	2.40E-01
HDLC	rs9646934	C	0.32	-0.012	0.002	3.27E-09	0.008	0.008	1.80E-01
HDLC	rs10513801	T	0.86	0.030	0.003	8.29E-28	-0.018	0.011	6.20E-02
HDLC	rs1086056	T	0.16	0.017	0.003	3.61E-10	-0.017	0.011	8.20E-02
HDLC	rs11546878	C	0.83	-0.014	0.003	2.84E-08	0.004	0.010	5.50E-01
HDLC	rs1225053	T	0.74	0.015	0.002	4.68E-12	-0.011	0.009	2.40E-01
HDLC	rs12485478	A	0.97	0.052	0.006	1.10E-18	-0.041	0.024	1.20E-01
HDLC	rs13066793	A	0.91	-0.022	0.003	3.29E-11	0.031	0.013	1.90E-02
HDLC	rs13076933	T	0.74	0.017	0.002	2.25E-14	0.007	0.009	4.70E-01
HDLC	rs13097947	T	0.35	-0.016	0.002	3.67E-15	0.018	0.008	2.90E-02
HDLC	rs13323506	A	0.31	-0.013	0.002	1.87E-10	-0.010	0.008	2.70E-01
HDLC	rs139828053	T	0.97	0.032	0.006	1.47E-08	-0.005	0.022	9.30E-01
HDLC	rs2159607	G	0.19	0.024	0.002	9.11E-23	0.002	0.010	8.20E-01
HDLC	rs2268840	T	0.77	-0.017	0.002	3.62E-14	-0.005	0.009	5.40E-01
HDLC	rs34717889	T	0.80	-0.014	0.002	3.52E-09	0.020	0.010	3.20E-02
HDLC	rs3732356	G	0.07	0.030	0.004	8.70E-15	0.029	0.016	6.40E-02
HDLC	rs4686739	A	0.37	-0.017	0.002	2.84E-17	-0.003	0.008	6.70E-01
HDLC	rs4855582	C	0.57	-0.011	0.002	7.97E-09	-0.005	0.008	4.60E-01
HDLC	rs62271373	T	0.94	0.041	0.004	2.22E-23	-0.046	0.017	6.40E-03
HDLC	rs6762415	T	0.46	0.011	0.002	1.20E-08	-0.006	0.008	2.90E-01
HDLC	rs6765484	C	0.53	-0.022	0.002	6.51E-32	0.020	0.008	7.50E-03
HDLC	rs6790951	C	0.52	0.012	0.002	1.64E-09	0.009	0.008	2.70E-01
HDLC	rs6806529	A	0.44	-0.011	0.002	6.93E-09	0.023	0.008	4.50E-03
HDLC	rs7622114	C	0.42	-0.012	0.002	2.71E-09	0.007	0.008	4.70E-01
HDLC	rs7650845	C	0.19	0.014	0.002	9.75E-09	-0.005	0.010	7.40E-01
HDLC	rs78595810	G	0.99	0.053	0.008	2.27E-10	-0.086	0.033	1.70E-02
HDLC	rs830620	C	0.58	-0.015	0.002	8.24E-15	0.006	0.008	4.80E-01
HDLC	rs9647335	A	0.81	-0.028	0.002	2.41E-30	0.009	0.010	3.80E-01
HDLC	rs9877304	G	0.74	0.014	0.002	4.03E-10	0.001	0.009	9.50E-01
HDLC	rs1055582	C	0.49	-0.014	0.002	2.82E-13	0.007	0.008	4.10E-01
HDLC	rs11938781	T	0.83	0.015	0.003	6.40E-09	-0.014	0.010	1.40E-01
HDLC	rs12510382	A	0.54	-0.017	0.002	7.06E-18	0.009	0.008	1.90E-01
HDLC	rs12650112	C	0.65	-0.016	0.002	1.03E-14	-0.006	0.008	4.80E-01
HDLC	rs13107325	C	0.93	0.080	0.004	2.23E-108	-0.011	0.015	4.00E-01
HDLC	rs13111599	A	0.26	-0.013	0.002	2.63E-09	0.005	0.009	5.40E-01
HDLC	rs13144151	A	0.15	-0.018	0.003	3.90E-11	-0.010	0.011	3.60E-01
HDLC	rs13147189	T	0.68	0.014	0.002	2.53E-12	-0.009	0.008	3.00E-01
HDLC	rs1349852	A	0.52	-0.011	0.002	5.75E-09	-0.005	0.008	3.70E-01
HDLC	rs1395221	G	0.60	0.011	0.002	1.12E-08	0.005	0.008	5.50E-01
HDLC	rs2098918	C	0.54	-0.012	0.002	6.43E-10	-0.007	0.008	3.80E-01
HDLC	rs2175766	A	0.46	-0.011	0.002	1.80E-08	0.008	0.008	3.30E-01
HDLC	rs2237035	G	0.61	-0.014	0.002	1.28E-12	0.004	0.008	5.50E-01
HDLC	rs28455602	A	0.81	-0.014	0.002	1.99E-08	0.006	0.010	5.50E-01
HDLC	rs35777071	T	0.35	-0.016	0.002	3.48E-15	-0.005	0.008	4.50E-01
HDLC	rs3775228	C	0.60	0.020	0.002	1.92E-24	-0.005	0.008	5.60E-01
HDLC	rs4691379	C	0.68	-0.012	0.002	6.09E-09	0.019	0.008	1.90E-02
HDLC	rs546436456	T	0.97	0.032	0.006	3.65E-08	-0.036	0.023	7.40E-02
HDLC	rs62338910	A	0.76	-0.016	0.002	3.99E-12	0.001	0.009	9.00E-01
HDLC	rs6824451	G	0.54	0.020	0.002	9.68E-26	-0.015	0.008	4.60E-02
HDLC	rs73243877	A	0.83	0.025	0.003	2.21E-23	-0.017	0.010	7.60E-02
HDLC	rs7658082	T	0.45	0.011	0.002	3.16E-09	-0.004	0.008	6.90E-01
HDLC	rs78025076	C	0.98	0.049	0.007	3.00E-13	0.009	0.028	5.00E-01
HDLC	rs880674	T	0.86	-0.015	0.003	4.24E-08	0.006	0.011	5.90E-01
HDLC	rs9884482	T	0.63	0.013	0.002	1.74E-10	0.013	0.008	1.30E-01
HDLC	rs1045241	C	0.73	-0.016	0.002	2.13E-14	0.005	0.009	5.40E-01
HDLC	rs115912456	A	0.96	-0.028	0.005	4.16E-09	0.012	0.019	6.90E-01

HDLC	rs116006942	G	0.94	0.030	0.004	1.02E-13	-0.003	0.016	8.50E-01
HDLC	rs11948445	A	0.59	0.011	0.002	1.49E-08	-0.010	0.008	1.80E-01
HDLC	rs12516070	T	0.48	-0.012	0.002	1.01E-10	0.004	0.008	5.80E-01
HDLC	rs138354839	C	0.98	0.060	0.008	9.71E-13	0.006	0.034	7.70E-01
HDLC	rs16885512	C	0.92	0.020	0.004	1.79E-08	-0.011	0.015	5.70E-01
HDLC	rs1862205	G	0.60	-0.011	0.002	6.52E-09	-0.004	0.008	4.30E-01
HDLC	rs2307111	T	0.61	-0.019	0.002	1.99E-22	0.015	0.008	3.70E-02
HDLC	rs2339234	G	0.32	0.012	0.002	6.69E-09	-0.013	0.008	1.30E-01
HDLC	rs248653	T	0.96	0.032	0.005	3.43E-10	0.020	0.020	2.90E-01
HDLC	rs254024	G	0.56	0.010	0.002	4.94E-08	-0.014	0.008	4.70E-02
HDLC	rs254559	C	0.60	0.011	0.002	3.38E-09	0.004	0.008	6.00E-01
HDLC	rs2910949	T	0.65	-0.013	0.002	1.98E-11	0.001	0.008	9.90E-01
HDLC	rs2963468	A	0.76	0.020	0.002	3.47E-18	-0.014	0.009	1.20E-01
HDLC	rs2964007	A	0.34	-0.014	0.002	7.04E-12	0.011	0.008	1.40E-01
HDLC	rs32578	G	0.69	-0.013	0.002	1.11E-10	-0.009	0.008	3.60E-01
HDLC	rs3733890	G	0.71	0.014	0.002	4.10E-11	0.002	0.009	8.80E-01
HDLC	rs3749748	C	0.75	-0.017	0.002	7.85E-14	-0.009	0.009	4.10E-01
HDLC	rs3936511	A	0.81	0.030	0.002	3.61E-36	-0.041	0.010	3.90E-05
HDLC	rs445841	G	0.63	0.011	0.002	4.47E-08	-0.009	0.008	2.30E-01
HDLC	rs454968	T	0.36	-0.011	0.002	4.03E-08	0.009	0.008	3.30E-01
HDLC	rs4976033	A	0.60	0.012	0.002	1.02E-09	-0.012	0.008	1.60E-01
HDLC	rs6874833	C	0.37	-0.011	0.002	8.97E-09	0.007	0.008	3.90E-01
HDLC	rs6893139	G	0.60	0.011	0.002	2.36E-08	-0.004	0.008	7.20E-01
HDLC	rs72801474	G	0.91	-0.021	0.003	1.13E-10	0.040	0.013	2.70E-03
HDLC	rs7725218	G	0.66	0.012	0.002	1.48E-09	0.008	0.008	3.80E-01
HDLC	rs1155347	T	0.78	-0.014	0.002	5.87E-09	0.003	0.010	6.20E-01
HDLC	rs1240820	G	0.71	-0.013	0.002	3.50E-10	0.012	0.009	2.50E-01
HDLC	rs13195251	T	0.29	0.012	0.002	2.03E-08	-0.005	0.009	5.90E-01
HDLC	rs2263329	T	0.64	0.027	0.002	7.47E-43	-0.006	0.008	3.20E-01
HDLC	rs2750411	T	0.51	0.011	0.002	1.37E-08	-0.002	0.008	6.60E-01
HDLC	rs2781668	C	0.83	0.017	0.003	7.61E-11	-0.005	0.010	7.70E-01
HDLC	rs3763236	T	0.49	-0.015	0.002	8.16E-15	-0.009	0.008	1.80E-01
HDLC	rs4947121	T	0.23	0.014	0.002	4.77E-10	-0.001	0.009	7.70E-01
HDLC	rs502627	A	0.90	-0.018	0.003	3.50E-08	0.012	0.013	3.20E-01
HDLC	rs571848809	G	0.89	0.057	0.003	6.73E-75	-0.014	0.013	2.70E-01
HDLC	rs62428831	T	0.86	-0.018	0.003	1.10E-10	0.023	0.011	1.20E-02
HDLC	rs632057	T	0.37	-0.020	0.002	1.64E-23	0.010	0.008	1.50E-01
HDLC	rs6457807	T	0.83	-0.019	0.003	1.33E-13	0.016	0.010	1.60E-01
HDLC	rs6902116	A	0.68	0.027	0.002	1.93E-40	0.008	0.008	2.30E-01
HDLC	rs6924387	A	0.59	0.014	0.002	2.01E-12	-0.006	0.008	4.30E-01
HDLC	rs6934962	C	0.60	-0.016	0.002	5.56E-17	0.016	0.008	6.70E-02
HDLC	rs6940493	A	0.31	-0.012	0.002	5.02E-09	0.000	0.008	7.40E-01
HDLC	rs72959041	G	0.95	0.047	0.004	2.39E-26	-0.038	0.018	2.30E-02
HDLC	rs74419430	T	0.58	-0.016	0.002	4.12E-17	0.008	0.008	5.20E-01
HDLC	rs75479205	A	0.81	-0.014	0.002	1.04E-08	0.013	0.010	2.60E-01
HDLC	rs7750688	C	0.24	-0.021	0.002	4.25E-22	-0.010	0.009	3.70E-01
HDLC	rs7757193	G	0.63	0.019	0.002	7.62E-22	0.015	0.008	6.70E-02
HDLC	rs7769059	G	0.72	0.015	0.002	1.15E-12	0.003	0.009	7.90E-01
HDLC	rs9274346	C	0.61	-0.015	0.002	2.72E-14	-0.017	0.008	3.60E-02
HDLC	rs9347737	A	0.57	0.014	0.002	3.49E-12	-0.007	0.008	5.70E-01
HDLC	rs968050	C	0.52	-0.014	0.002	1.28E-12	0.027	0.008	2.80E-04
HDLC	rs998584	C	0.52	0.034	0.002	2.92E-71	-0.018	0.008	2.20E-02
HDLC	rs10233430	T	0.57	0.020	0.002	2.49E-26	0.002	0.008	7.00E-01
HDLC	rs10252234	C	0.76	-0.016	0.002	2.39E-12	0.004	0.009	6.20E-01
HDLC	rs10950390	C	0.79	0.015	0.002	1.28E-10	-0.008	0.010	4.60E-01
HDLC	rs12705595	G	0.63	-0.011	0.002	2.39E-08	0.008	0.008	3.10E-01



HDLC	rs13235365	C	0.73	-0.026	0.002	2.92E-33	-0.004	0.009	5.00E-01
HDLC	rs144567740	T	0.81	-0.014	0.003	2.46E-08	0.014	0.010	1.70E-01
HDLC	rs150300171	A	0.95	0.029	0.005	9.21E-11	-0.034	0.019	8.70E-02
HDLC	rs1534696	C	0.46	-0.017	0.002	2.65E-18	0.004	0.008	5.60E-01
HDLC	rs17138358	G	0.60	0.027	0.002	4.22E-44	0.009	0.008	3.30E-01
HDLC	rs183906992	T	0.96	-0.029	0.005	5.43E-10	-0.036	0.019	9.50E-02
HDLC	rs201441	T	0.42	0.011	0.002	1.11E-08	0.003	0.008	7.90E-01
HDLC	rs2534596	A	0.62	-0.011	0.002	8.83E-09	0.012	0.008	1.10E-01
HDLC	rs34940374	G	0.82	0.017	0.002	5.78E-12	-0.014	0.010	1.90E-01
HDLC	rs35493868	C	0.80	-0.037	0.002	2.25E-55	-0.001	0.010	8.90E-01
HDLC	rs35580606	A	0.48	0.011	0.002	1.18E-08	-0.006	0.008	3.50E-01
HDLC	rs38166	T	0.25	-0.013	0.002	1.41E-08	0.015	0.009	5.70E-02
HDLC	rs42125	A	0.98	0.040	0.007	1.29E-08	0.010	0.029	9.20E-01
HDLC	rs4410790	T	0.37	0.011	0.002	1.96E-08	-0.005	0.008	3.50E-01
HDLC	rs4731701	C	0.51	-0.030	0.002	1.04E-54	0.012	0.008	7.50E-02
HDLC	rs55935382	C	0.67	-0.018	0.002	5.46E-18	0.003	0.008	5.90E-01
HDLC	rs62492368	G	0.69	0.017	0.002	1.51E-16	-0.007	0.009	3.80E-01
HDLC	rs66763009	T	0.56	0.016	0.002	9.69E-17	-0.002	0.008	9.50E-01
HDLC	rs73151974	C	0.86	0.016	0.003	3.81E-09	-0.011	0.011	2.70E-01
HDLC	rs77605964	G	0.77	-0.017	0.002	7.51E-14	-0.021	0.009	2.10E-02
HDLC	rs10504477	T	0.59	0.015	0.002	6.42E-15	0.000	0.008	9.10E-01
HDLC	rs10955991	T	0.32	0.020	0.002	2.83E-22	-0.001	0.008	9.30E-01
HDLC	rs13263821	G	0.81	0.017	0.002	1.21E-11	-0.023	0.010	3.60E-02
HDLC	rs13269725	A	0.92	0.026	0.004	2.12E-13	-0.025	0.014	7.50E-02
HDLC	rs140064750	T	0.98	0.044	0.006	4.10E-12	-0.002	0.026	9.10E-01
HDLC	rs142288236	C	0.99	0.078	0.008	1.95E-22	0.033	0.033	4.10E-01
HDLC	rs1431659	A	0.27	-0.013	0.002	2.52E-09	0.001	0.009	7.80E-01
HDLC	rs17740942	T	0.88	-0.020	0.003	4.74E-11	0.006	0.013	7.90E-01
HDLC	rs2247355	C	0.82	-0.021	0.002	5.82E-17	0.017	0.010	9.10E-02
HDLC	rs308	T	0.98	-0.126	0.007	1.41E-79	-0.024	0.028	5.30E-01
HDLC	rs330042	G	0.73	-0.015	0.002	1.34E-11	0.001	0.009	8.50E-01
HDLC	rs343	C	0.92	-0.134	0.003	0.00E+00	0.034	0.014	2.80E-02
HDLC	rs4871603	C	0.35	-0.036	0.002	3.81E-73	0.035	0.008	9.30E-06
HDLC	rs4871624	T	0.71	0.020	0.002	4.09E-22	-0.019	0.009	2.50E-02
HDLC	rs4875043	A	0.78	0.015	0.002	1.24E-10	0.002	0.009	7.90E-01
HDLC	rs61435086	T	0.99	-0.089	0.009	4.37E-25	0.029	0.035	4.50E-01
HDLC	rs61596977	C	0.86	0.016	0.003	3.51E-09	-0.023	0.011	3.30E-02
HDLC	rs62486442	G	0.67	0.014	0.002	3.24E-12	0.002	0.008	8.00E-01
HDLC	rs62491176	T	0.86	-0.019	0.003	1.15E-12	-0.003	0.011	7.10E-01
HDLC	rs6469605	C	0.43	-0.032	0.002	2.59E-61	0.017	0.008	3.10E-02
HDLC	rs67344323	T	0.74	0.015	0.002	2.08E-11	-0.020	0.009	2.70E-02
HDLC	rs67934334	G	0.37	-0.011	0.002	3.85E-08	0.004	0.008	5.50E-01
HDLC	rs6987377	A	0.42	-0.011	0.002	1.05E-08	0.001	0.008	8.20E-01
HDLC	rs72647336	G	0.94	0.044	0.004	2.07E-23	-0.018	0.018	3.10E-01
HDLC	rs75032664	C	0.99	0.055	0.009	1.51E-09	0.006	0.036	9.40E-01
HDLC	rs75609851	G	0.99	-0.170	0.010	1.67E-69	-0.009	0.040	7.40E-01
HDLC	rs75662196	G	0.97	-0.068	0.006	8.49E-31	-0.005	0.024	8.70E-01
HDLC	rs7817574	T	0.81	-0.033	0.002	4.37E-42	0.002	0.010	9.50E-01
HDLC	rs7826177	T	0.36	-0.011	0.002	1.20E-08	0.014	0.008	1.20E-01
HDLC	rs79153732	C	0.98	0.094	0.007	5.34E-38	0.080	0.030	4.00E-03
HDLC	rs80005209	T	0.97	0.144	0.006	4.95E-144	-0.028	0.023	2.20E-01
HDLC	rs9657541	C	0.80	0.017	0.002	1.88E-13	0.011	0.010	2.00E-01
HDLC	rs9987289	A	0.09	-0.087	0.003	6.57E-155	-0.023	0.014	9.50E-02
HDLC	rs117435644	G	0.76	-0.012	0.002	3.07E-08	-0.001	0.009	9.30E-01
HDLC	rs11789603	C	0.89	-0.069	0.003	6.66E-110	0.010	0.012	3.60E-01
HDLC	rs12686780	C	0.83	0.016	0.003	1.24E-10	-0.007	0.010	4.70E-01

HDLC	rs13300004	A	0.99	0.049	0.009	1.22E-08	-0.006	0.036	8.60E-01
HDLC	rs1411432	A	0.81	0.014	0.002	1.71E-08	-0.007	0.010	4.90E-01
HDLC	rs1412234	T	0.67	0.012	0.002	3.49E-09	-0.004	0.008	7.20E-01
HDLC	rs1567353	C	0.69	0.011	0.002	4.52E-08	-0.004	0.008	7.10E-01
HDLC	rs2066714	T	0.87	-0.047	0.003	4.20E-60	0.009	0.012	6.30E-01
HDLC	rs2297402	C	0.98	0.068	0.007	6.88E-26	0.020	0.027	5.30E-01
HDLC	rs2417125	A	0.72	0.013	0.002	4.32E-10	-0.009	0.009	3.50E-01
HDLC	rs2520096	A	0.73	-0.015	0.002	7.21E-12	-0.005	0.009	5.30E-01
HDLC	rs2740488	A	0.73	0.069	0.002	3.99E-222	-0.009	0.009	3.40E-01
HDLC	rs28712486	C	0.77	-0.015	0.002	5.29E-11	0.014	0.009	1.20E-01
HDLC	rs532436	G	0.82	-0.023	0.002	3.03E-21	-0.022	0.010	2.20E-02
HDLC	rs62565259	C	0.83	-0.016	0.003	6.13E-10	0.011	0.010	2.50E-01
HDLC	rs686030	C	0.14	-0.050	0.003	9.76E-74	-0.010	0.011	4.10E-01
HDLC	rs7036107	A	0.49	0.012	0.002	2.73E-10	-0.011	0.008	9.40E-02
HDLC	rs7039168	A	0.33	-0.012	0.002	1.59E-08	0.001	0.008	9.00E-01
HDLC	rs74500135	T	0.99	-0.067	0.010	2.27E-11	0.029	0.040	4.20E-01
HDLC	rs75572195	G	0.91	-0.023	0.003	4.67E-12	0.016	0.013	2.70E-01
HDLC	rs76530346	G	0.91	0.019	0.003	3.78E-09	0.009	0.013	5.20E-01
HDLC	rs10761737	T	0.58	-0.014	0.002	4.82E-13	-0.002	0.008	9.40E-01
HDLC	rs10786114	C	0.13	-0.024	0.003	1.55E-16	0.007	0.012	6.70E-01
HDLC	rs10826337	G	0.59	0.011	0.002	5.81E-09	-0.003	0.008	6.20E-01
HDLC	rs10901802	G	0.48	-0.011	0.002	1.64E-08	-0.006	0.008	4.50E-01
HDLC	rs11000468	C	0.74	-0.013	0.002	1.49E-08	-0.005	0.009	6.10E-01
HDLC	rs11009262	G	0.94	0.023	0.004	1.08E-08	-0.025	0.017	1.40E-01
HDLC	rs11202156	G	0.73	0.012	0.002	2.57E-08	-0.004	0.009	7.00E-01
HDLC	rs11239536	T	0.76	-0.029	0.002	5.30E-38	0.000	0.009	9.50E-01
HDLC	rs11254464	T	0.58	-0.013	0.002	5.54E-11	-0.015	0.008	5.90E-02
HDLC	rs12411732	G	0.85	0.031	0.003	7.59E-29	0.032	0.011	3.20E-03
HDLC	rs12411959	A	0.78	0.016	0.002	1.50E-11	-0.013	0.009	1.70E-01
HDLC	rs1970811	T	0.54	0.012	0.002	1.49E-09	-0.001	0.008	9.20E-01
HDLC	rs2068888	G	0.55	-0.019	0.002	1.21E-23	0.013	0.008	8.30E-02
HDLC	rs2456722	A	0.40	-0.011	0.002	1.46E-08	0.004	0.008	6.90E-01
HDLC	rs2792751	T	0.27	0.036	0.002	3.29E-64	0.053	0.009	2.10E-09
HDLC	rs2804894	G	0.27	-0.017	0.002	2.20E-15	0.004	0.009	6.60E-01
HDLC	rs2862954	T	0.50	-0.015	0.002	9.68E-15	0.019	0.008	1.80E-02
HDLC	rs577525	T	0.44	0.014	0.002	2.57E-13	-0.011	0.008	8.10E-02
HDLC	rs703966	G	0.58	-0.016	0.002	5.43E-16	0.004	0.008	6.70E-01
HDLC	rs72805692	A	0.88	0.018	0.003	9.41E-10	-0.020	0.012	1.50E-01
HDLC	rs72823020	T	0.87	-0.029	0.003	4.49E-25	-0.010	0.011	3.70E-01
HDLC	rs7903537	C	0.48	0.011	0.002	5.77E-09	-0.006	0.008	4.10E-01
HDLC	rs1052373	C	0.68	-0.045	0.002	1.41E-106	0.008	0.008	3.30E-01
HDLC	rs10750766	C	0.29	0.019	0.002	6.99E-19	-0.009	0.009	3.00E-01
HDLC	rs10896581	G	0.88	0.018	0.003	5.41E-10	-0.022	0.012	5.70E-02
HDLC	rs11021232	T	0.82	0.017	0.002	1.54E-11	-0.014	0.010	1.60E-01
HDLC	rs112192770	C	0.95	-0.029	0.005	3.34E-10	0.007	0.018	6.70E-01
HDLC	rs11231138	C	0.63	0.015	0.002	3.03E-14	-0.006	0.008	4.10E-01
HDLC	rs112771035	C	0.93	0.032	0.004	8.33E-18	0.012	0.015	4.00E-01
HDLC	rs11601507	C	0.93	0.025	0.004	9.16E-12	-0.009	0.015	4.10E-01
HDLC	rs11605837	G	0.69	0.018	0.002	1.13E-17	0.001	0.008	8.80E-01
HDLC	rs116978226	C	0.97	-0.068	0.005	2.23E-36	0.012	0.022	5.60E-01
HDLC	rs12146566	A	0.80	0.014	0.002	1.25E-08	0.006	0.010	5.50E-01
HDLC	rs12803463	G	0.92	-0.024	0.003	1.10E-11	-0.002	0.014	9.20E-01
HDLC	rs140201358	C	0.99	0.058	0.008	1.46E-12	-0.154	0.032	2.70E-06
HDLC	rs141469619	A	0.99	0.204	0.010	4.63E-89	-0.076	0.041	7.10E-02
HDLC	rs143474489	T	0.98	-0.048	0.007	1.18E-13	0.037	0.026	1.50E-01
HDLC	rs16928809	G	0.91	0.026	0.003	1.40E-15	-0.010	0.013	4.00E-01

HDLC	rs17309930	C	0.79	0.022	0.002	1.32E-20	-0.019	0.010	5.30E-02
HDLC	rs174566	A	0.65	0.056	0.002	9.53E-175	0.000	0.008	1.00E+00
HDLC	rs17566828	G	0.96	-0.030	0.005	4.32E-10	0.004	0.019	1.00E+00
HDLC	rs2155220	C	0.56	0.011	0.002	3.23E-08	-0.016	0.008	3.30E-02
HDLC	rs2218793	C	0.72	0.015	0.002	1.11E-12	0.006	0.009	4.80E-01
HDLC	rs28876383	C	0.98	0.052	0.007	4.07E-13	0.046	0.029	1.00E-01
HDLC	rs4356188	C	0.30	0.016	0.002	3.82E-14	0.000	0.008	9.50E-01
HDLC	rs4755720	C	0.39	-0.011	0.002	1.41E-08	0.020	0.008	5.10E-03
HDLC	rs4930352	G	0.51	-0.016	0.002	8.71E-17	0.011	0.008	1.70E-01
HDLC	rs514924	A	0.10	0.018	0.003	2.05E-08	0.019	0.013	1.90E-01
HDLC	rs550916783	G	0.99	0.053	0.010	4.52E-08	-0.034	0.039	3.50E-01
HDLC	rs559355	A	0.84	0.035	0.003	8.14E-41	0.032	0.011	2.80E-03
HDLC	rs56271783	G	0.95	0.056	0.005	2.92E-34	-0.020	0.019	3.40E-01
HDLC	rs567056	G	0.62	0.011	0.002	7.01E-09	-0.018	0.008	2.70E-02
HDLC	rs58473820	C	0.62	-0.026	0.002	7.45E-39	-0.015	0.008	6.10E-02
HDLC	rs61884030	T	0.86	-0.018	0.003	1.27E-10	0.013	0.011	2.60E-01
HDLC	rs6590207	A	0.71	0.015	0.002	8.99E-12	0.000	0.009	8.10E-01
HDLC	rs73457437	G	0.97	0.035	0.005	8.05E-11	0.006	0.022	7.70E-01
HDLC	rs77916918	G	0.97	-0.032	0.005	7.42E-10	0.000	0.021	9.30E-01
HDLC	rs7925100	G	0.60	0.018	0.002	2.08E-21	-0.007	0.008	2.80E-01
HDLC	rs79634051	G	0.97	-0.039	0.006	1.08E-11	0.011	0.023	6.10E-01
HDLC	rs964184	G	0.13	-0.105	0.003	0.00E+00	0.007	0.011	5.10E-01
HDLC	rs1012306	C	0.44	-0.011	0.002	2.87E-08	-0.009	0.008	2.00E-01
HDLC	rs1054852	A	0.62	-0.035	0.002	7.97E-65	0.024	0.008	5.60E-03
HDLC	rs10774439	G	0.19	-0.021	0.002	1.41E-16	0.007	0.010	5.00E-01
HDLC	rs10774579	T	0.52	0.016	0.002	1.61E-17	0.019	0.008	1.20E-02
HDLC	rs10846690	T	0.15	-0.021	0.003	1.31E-15	0.011	0.011	3.30E-01
HDLC	rs10879184	C	0.50	0.011	0.002	1.47E-08	0.004	0.008	6.30E-01
HDLC	rs11043221	A	0.70	-0.013	0.002	4.30E-10	0.003	0.009	7.40E-01
HDLC	rs11045171	A	0.80	-0.028	0.002	5.04E-32	0.010	0.010	2.60E-01
HDLC	rs11170516	G	0.85	0.019	0.003	1.78E-12	0.014	0.011	2.40E-01
HDLC	rs113740515	G	0.79	-0.038	0.002	1.04E-58	0.010	0.010	3.50E-01
HDLC	rs118128493	C	0.95	0.025	0.005	5.05E-08	-0.004	0.018	9.30E-01
HDLC	rs1252425	C	0.34	-0.012	0.002	6.70E-10	0.015	0.008	7.20E-02
HDLC	rs12814794	G	0.25	-0.015	0.002	1.74E-11	0.010	0.009	1.90E-01
HDLC	rs2204886	T	0.48	0.013	0.002	2.24E-11	-0.009	0.008	2.40E-01
HDLC	rs2302367	T	0.51	0.011	0.002	2.73E-08	-0.005	0.008	4.10E-01
HDLC	rs2645979	G	0.64	-0.011	0.002	8.49E-09	0.019	0.008	2.30E-02
HDLC	rs3184504	T	0.48	-0.027	0.002	3.48E-44	0.003	0.008	8.40E-01
HDLC	rs4078216	G	0.76	-0.014	0.002	3.55E-10	0.002	0.009	8.30E-01
HDLC	rs58298943	C	0.92	-0.020	0.003	3.89E-09	0.021	0.014	1.40E-01
HDLC	rs61352607	G	0.76	-0.031	0.002	6.36E-43	0.006	0.009	4.90E-01
HDLC	rs61926301	G	0.60	-0.012	0.002	2.44E-10	0.011	0.008	1.60E-01
HDLC	rs7136506	T	0.78	0.036	0.002	1.84E-53	-0.009	0.010	3.00E-01
HDLC	rs7308864	A	0.48	-0.024	0.002	1.08E-35	-0.004	0.008	7.40E-01
HDLC	rs7316878	T	0.57	-0.012	0.002	1.11E-08	0.004	0.008	6.20E-01
HDLC	rs7488780	G	0.80	-0.015	0.002	8.64E-10	0.015	0.010	7.40E-02
HDLC	rs838777	C	0.86	-0.018	0.003	3.88E-11	-0.002	0.011	7.50E-01
HDLC	rs921919	G	0.33	0.042	0.002	2.99E-90	-0.009	0.008	2.90E-01
HDLC	rs117230571	A	0.92	0.027	0.004	1.97E-13	0.012	0.015	4.10E-01
HDLC	rs183078	A	0.60	-0.012	0.002	1.96E-10	-0.009	0.008	3.30E-01
HDLC	rs374039502	T	0.98	0.047	0.007	1.81E-11	0.065	0.030	3.60E-02
HDLC	rs549058	G	0.88	-0.017	0.003	5.15E-09	0.009	0.012	4.30E-01
HDLC	rs76428106	T	0.99	0.062	0.009	1.73E-12	-0.003	0.035	8.50E-01
HDLC	rs9526023	G	0.97	-0.033	0.006	4.04E-09	0.034	0.023	1.00E-01
HDLC	rs9604045	G	0.75	-0.018	0.002	1.76E-14	0.006	0.009	4.20E-01

HDLC	rs11622947	C	0.46	0.011	0.002	3.43E-08	0.004	0.008	5.70E-01
HDLC	rs13379043	T	0.72	-0.020	0.002	6.31E-20	0.032	0.009	3.50E-04
HDLC	rs17124112	C	0.92	0.021	0.004	4.11E-09	0.002	0.014	9.70E-01
HDLC	rs1760940	A	0.75	-0.012	0.002	4.22E-08	-0.003	0.009	6.00E-01
HDLC	rs1955512	G	0.42	-0.011	0.002	2.34E-08	0.004	0.008	5.90E-01
HDLC	rs2498786	C	0.38	0.025	0.002	4.45E-38	0.003	0.008	6.60E-01
HDLC	rs35828909	A	0.45	0.011	0.002	1.46E-08	0.004	0.008	7.80E-01
HDLC	rs367677	A	0.76	-0.017	0.002	1.03E-13	0.012	0.009	1.90E-01
HDLC	rs3825669	A	0.20	-0.014	0.002	4.65E-09	-0.003	0.010	8.70E-01
HDLC	rs61993685	T	0.92	-0.020	0.004	2.98E-08	0.020	0.014	1.50E-01
HDLC	rs7158166	T	0.41	-0.014	0.002	5.68E-13	0.002	0.008	6.70E-01
HDLC	rs72729582	A	0.93	-0.025	0.004	1.88E-11	0.012	0.015	4.80E-01
HDLC	rs8014289	A	0.44	-0.015	0.002	5.76E-15	0.005	0.008	5.60E-01
HDLC	rs9646167	C	0.48	0.014	0.002	3.35E-13	-0.002	0.008	7.90E-01
HDLC	rs10162642	G	0.79	0.048	0.002	2.26E-93	-0.008	0.010	4.30E-01
HDLC	rs10438354	C	0.65	-0.012	0.002	4.67E-09	0.012	0.008	2.10E-01
HDLC	rs11631178	T	0.90	-0.021	0.003	1.55E-11	0.013	0.013	2.40E-01
HDLC	rs147525635	G	0.44	0.013	0.002	3.64E-12	-0.009	0.008	1.80E-01
HDLC	rs150844304	A	0.97	0.090	0.006	1.99E-51	-0.027	0.025	2.80E-01
HDLC	rs1800588	C	0.78	-0.118	0.002	0.00E+00	0.009	0.009	3.40E-01
HDLC	rs1818917	C	0.49	-0.011	0.002	2.33E-09	0.007	0.008	2.90E-01
HDLC	rs200540247	A	0.29	-0.013	0.002	3.31E-10	-0.003	0.009	7.40E-01
HDLC	rs2245477	C	0.63	0.011	0.002	8.07E-09	-0.011	0.008	1.70E-01
HDLC	rs2414178	T	0.77	-0.013	0.002	2.48E-08	0.017	0.009	4.80E-02
HDLC	rs2663924	T	0.25	-0.012	0.002	2.92E-08	-0.001	0.009	9.40E-01
HDLC	rs28362901	C	0.91	0.024	0.003	1.03E-12	0.008	0.014	6.60E-01
HDLC	rs28510484	G	0.83	0.015	0.003	1.26E-09	-0.010	0.010	2.40E-01
HDLC	rs34675318	G	0.71	0.017	0.002	3.75E-15	-0.010	0.009	2.10E-01
HDLC	rs3803501	G	0.43	-0.018	0.002	2.75E-20	-0.015	0.008	4.70E-02
HDLC	rs7170463	A	0.69	-0.019	0.002	5.49E-20	0.005	0.008	6.70E-01
HDLC	rs11075985	C	0.58	0.015	0.002	1.76E-14	-0.021	0.008	7.20E-03
HDLC	rs113710278	C	0.99	-0.055	0.008	4.83E-12	-0.024	0.033	4.30E-01
HDLC	rs11640494	G	0.54	0.015	0.002	4.67E-16	-0.006	0.008	4.40E-01
HDLC	rs11645157	T	0.51	-0.019	0.002	4.76E-23	0.012	0.008	1.70E-01
HDLC	rs12926854	A	0.73	-0.012	0.002	6.99E-09	-0.004	0.009	6.50E-01
HDLC	rs12928099	C	0.70	-0.021	0.002	4.57E-25	0.015	0.008	9.80E-02
HDLC	rs138026745	G	0.97	-0.034	0.006	4.71E-08	0.002	0.026	9.30E-01
HDLC	rs142493909	T	0.98	-0.067	0.007	1.07E-21	0.033	0.031	4.00E-01
HDLC	rs2925979	T	0.30	-0.037	0.002	1.86E-73	0.019	0.008	2.20E-02
HDLC	rs34830321	C	0.99	0.048	0.008	5.62E-09	0.018	0.034	6.60E-01
HDLC	rs3814883	C	0.52	0.015	0.002	7.28E-16	-0.001	0.008	8.40E-01
HDLC	rs545858676	A	0.96	0.098	0.006	1.18E-58	0.017	0.024	5.40E-01
HDLC	rs55781197	A	0.88	-0.059	0.003	2.65E-88	0.004	0.012	7.80E-01
HDLC	rs6499102	A	0.06	-0.035	0.004	1.79E-18	-0.010	0.016	5.80E-01
HDLC	rs7188071	T	0.35	-0.011	0.002	3.11E-08	0.018	0.008	2.70E-02
HDLC	rs75152587	G	0.99	0.094	0.009	1.14E-28	-0.051	0.035	1.70E-01
HDLC	rs79311290	A	0.89	0.018	0.003	8.65E-09	-0.010	0.013	4.50E-01
HDLC	rs79600951	C	0.91	0.107	0.003	2.04E-235	-0.022	0.013	1.30E-01
HDLC	rs79616633	C	0.98	0.036	0.006	2.13E-08	-0.014	0.026	7.20E-01
HDLC	rs9989419	A	0.39	-0.144	0.002	0.00E+00	0.014	0.008	7.30E-02
HDLC	rs112001035	G	0.94	0.047	0.004	2.79E-30	0.033	0.017	5.10E-02
HDLC	rs11653260	A	0.79	0.013	0.002	8.70E-09	0.007	0.009	4.40E-01
HDLC	rs11658786	G	0.33	-0.031	0.002	1.52E-51	0.025	0.008	4.00E-03
HDLC	rs11658872	C	0.94	0.033	0.004	1.18E-15	-0.006	0.017	6.90E-01
HDLC	rs117499775	T	0.96	0.028	0.005	5.88E-09	-0.044	0.020	1.90E-02
HDLC	rs141062196	G	0.81	0.019	0.002	5.70E-15	0.002	0.010	8.10E-01

HDLC	rs16975758	G	0.62	-0.012	0.002	5.03E-09	-0.003	0.008	5.60E-01
HDLC	rs2011614	G	0.65	0.014	0.002	4.24E-13	-0.007	0.008	4.40E-01
HDLC	rs2071379	A	0.40	0.013	0.002	4.24E-12	0.002	0.008	9.10E-01
HDLC	rs2314338	T	0.73	0.016	0.002	2.94E-13	0.005	0.009	5.60E-01
HDLC	rs2585398	C	0.45	0.013	0.002	1.83E-11	0.003	0.008	8.80E-01
HDLC	rs34138141	G	0.72	0.018	0.002	1.51E-16	-0.008	0.009	3.40E-01
HDLC	rs3794752	T	0.72	-0.013	0.002	1.97E-09	-0.003	0.009	7.80E-01
HDLC	rs4969141	C	0.51	-0.030	0.002	3.44E-54	0.014	0.008	6.60E-02
HDLC	rs595767	A	0.48	0.014	0.002	5.30E-14	-0.003	0.008	5.90E-01
HDLC	rs7218647	G	0.44	-0.011	0.002	1.74E-08	0.002	0.008	6.40E-01
HDLC	rs72836561	C	0.97	0.171	0.005	2.18E-212	-0.012	0.022	6.10E-01
HDLC	rs74456742	G	0.96	-0.036	0.005	2.18E-12	0.026	0.021	1.90E-01
HDLC	rs8081548	T	0.34	-0.018	0.002	7.87E-20	0.020	0.008	1.50E-02
HDLC	rs11664369	C	0.73	0.023	0.002	1.45E-26	0.006	0.009	5.40E-01
HDLC	rs117687565	C	0.99	-0.083	0.009	1.23E-19	0.036	0.038	4.10E-01
HDLC	rs150237291	T	0.98	-0.045	0.007	5.59E-12	-0.055	0.026	3.90E-02
HDLC	rs2298624	C	0.87	-0.030	0.003	1.02E-26	-0.016	0.011	1.30E-01
HDLC	rs2435307	C	0.51	-0.016	0.002	3.32E-17	0.006	0.008	4.90E-01
HDLC	rs4800356	C	0.71	0.016	0.002	1.61E-12	-0.004	0.009	4.10E-01
HDLC	rs56017932	G	0.80	-0.015	0.003	8.02E-09	0.017	0.011	9.00E-02
HDLC	rs62092069	G	0.63	-0.013	0.002	3.78E-11	0.020	0.008	1.20E-02
HDLC	rs680321	T	0.54	-0.011	0.002	1.35E-08	0.000	0.008	9.60E-01
HDLC	rs73455693	G	0.96	-0.028	0.005	3.67E-08	0.003	0.021	8.90E-01
HDLC	rs77960347	A	0.99	-0.291	0.008	3.87E-269	-0.076	0.033	2.60E-02
HDLC	rs8086351	C	0.18	-0.084	0.003	1.80E-245	-0.007	0.010	4.90E-01
HDLC	rs116843064	G	0.98	-0.206	0.007	6.37E-195	-0.005	0.028	8.80E-01
HDLC	rs11878235	G	0.41	-0.013	0.002	8.25E-11	0.021	0.008	9.10E-03
HDLC	rs11880219	T	0.82	0.021	0.002	4.85E-17	0.006	0.010	4.50E-01
HDLC	rs12150914	T	0.40	0.015	0.002	1.68E-14	-0.003	0.008	6.80E-01
HDLC	rs12975319	G	0.70	0.014	0.002	7.11E-11	-0.021	0.008	6.80E-03
HDLC	rs12976395	G	0.50	-0.041	0.002	1.26E-90	-0.008	0.008	3.50E-01
HDLC	rs144311893	C	0.98	-0.081	0.007	8.71E-34	-0.025	0.028	3.70E-01
HDLC	rs1468642	T	0.65	0.017	0.002	7.61E-18	-0.004	0.008	5.50E-01
HDLC	rs15052	T	0.82	-0.016	0.003	1.60E-10	0.013	0.010	2.10E-01
HDLC	rs2289863	C	0.25	0.018	0.002	6.03E-16	-0.008	0.009	4.20E-01
HDLC	rs2965169	A	0.61	-0.012	0.002	5.46E-10	-0.025	0.008	3.50E-03
HDLC	rs34559316	C	0.81	0.014	0.002	1.62E-08	-0.015	0.010	1.40E-01
HDLC	rs35137994	C	0.94	-0.046	0.004	3.41E-29	0.002	0.017	9.10E-01
HDLC	rs36092527	T	0.88	0.017	0.003	1.49E-08	-0.001	0.012	9.30E-01
HDLC	rs367070	A	0.77	-0.042	0.002	1.36E-74	0.001	0.009	8.80E-01
HDLC	rs429358	T	0.85	0.075	0.003	7.21E-180	0.121	0.011	1.50E-29
HDLC	rs4760	A	0.84	0.019	0.003	3.67E-13	0.014	0.011	2.00E-01
HDLC	rs59737437	C	0.73	-0.012	0.002	4.22E-08	0.004	0.009	6.50E-01
HDLC	rs62102718	A	0.71	0.024	0.002	2.91E-29	-0.012	0.009	1.60E-01
HDLC	rs62112763	C	0.56	0.014	0.002	2.40E-13	-0.022	0.008	8.60E-04
HDLC	rs7251640	T	0.81	-0.014	0.002	4.27E-09	0.008	0.010	5.60E-01
HDLC	rs737338	C	0.96	0.089	0.005	1.40E-66	-0.017	0.021	4.60E-01
HDLC	rs76213248	C	0.59	-0.013	0.002	6.95E-12	-0.013	0.008	9.60E-02
HDLC	rs76246107	G	0.92	0.021	0.004	7.46E-09	0.005	0.015	6.80E-01
HDLC	rs8102873	C	0.42	0.011	0.002	1.42E-08	0.003	0.008	7.70E-01
HDLC	rs1132274	C	0.85	0.022	0.003	1.23E-16	0.007	0.011	5.40E-01
HDLC	rs144033177	A	0.98	0.056	0.008	1.07E-12	-0.087	0.031	4.90E-03
HDLC	rs1800961	C	0.97	0.139	0.006	1.44E-140	-0.008	0.022	6.20E-01
HDLC	rs1884589	A	0.43	0.013	0.002	1.52E-11	-0.010	0.008	1.90E-01
HDLC	rs3736802	T	0.48	-0.017	0.002	1.10E-18	-0.005	0.008	5.60E-01
HDLC	rs3859588	T	0.78	0.013	0.002	1.04E-08	-0.011	0.009	2.80E-01

HDLC	rs4239651	T	0.21	-0.026	0.002	3.72E-28	-0.019	0.009	5.70E-02
HDLC	rs6021914	T	0.63	-0.012	0.002	1.20E-09	0.018	0.008	2.20E-02
HDLC	rs6059958	C	0.83	-0.015	0.003	9.77E-09	-0.012	0.010	2.40E-01
HDLC	rs6073958	T	0.80	0.061	0.002	6.45E-143	-0.001	0.010	9.50E-01
HDLC	rs6123685	G	0.75	-0.016	0.002	3.15E-13	0.011	0.009	1.40E-01
HDLC	rs6131012	A	0.60	-0.011	0.002	9.64E-09	0.008	0.008	3.10E-01
HDLC	rs76602912	T	0.98	0.043	0.006	4.22E-12	0.008	0.026	7.90E-01
HDLC	rs8126001	C	0.51	-0.012	0.002	1.57E-09	0.008	0.008	2.30E-01
HDLC	rs235314	C	0.47	0.018	0.002	2.31E-20	-0.001	0.008	7.20E-01
HDLC	rs3746915	A	0.42	-0.011	0.002	1.98E-08	0.003	0.008	7.70E-01
HDLC	rs407133	G	0.44	0.011	0.002	4.77E-08	-0.013	0.008	9.40E-02
HDLC	rs8127283	G	0.51	0.012	0.002	5.23E-09	0.003	0.009	7.30E-01
HDLC	rs9980311	A	0.74	0.015	0.002	1.16E-11	-0.001	0.009	8.80E-01
HDLC	rs133015	C	0.56	-0.021	0.002	1.47E-26	0.000	0.008	9.40E-01
HDLC	rs1894544	G	0.55	0.011	0.002	5.19E-09	-0.007	0.008	3.00E-01
HDLC	rs2256609	A	0.81	0.033	0.002	2.32E-41	0.023	0.010	1.90E-02
HDLC	rs55652051	A	0.77	0.015	0.002	4.55E-11	-0.022	0.009	2.50E-02
HDLC	rs6002946	G	0.32	-0.012	0.002	1.31E-08	0.005	0.008	5.50E-01
HDLC	rs738409	C	0.78	0.014	0.002	5.14E-10	-0.195	0.009	5.60E-95
HDLC	rs9608972	T	0.76	0.017	0.002	1.56E-14	-0.003	0.009	6.40E-01
HDLC	rs9610329	C	0.57	0.011	0.002	1.66E-08	-0.025	0.008	1.30E-03
HDLC	rs9622830	C	0.65	0.016	0.002	4.74E-16	-0.004	0.008	6.60E-01
LDLC	rs10910476	C	0.44	-0.012	0.002	4.33E-09	0.003	0.008	7.50E-01
LDLC	rs11206517	T	0.97	-0.068	0.006	5.90E-32	0.024	0.022	3.30E-01
LDLC	rs11206788	G	0.41	-0.014	0.002	1.99E-10	0.005	0.008	5.90E-01
LDLC	rs114165349	G	0.98	-0.056	0.007	8.04E-16	-0.027	0.026	2.70E-01
LDLC	rs115458560	T	0.98	0.050	0.008	6.62E-11	-0.018	0.029	4.90E-01
LDLC	rs11591147	G	0.98	0.349	0.008	0.00E+00	-0.027	0.029	3.10E-01
LDLC	rs1168127	C	0.35	-0.039	0.002	1.87E-70	0.004	0.008	7.70E-01
LDLC	rs12078100	C	0.38	-0.013	0.002	9.32E-10	-0.001	0.008	7.20E-01
LDLC	rs140584594	A	0.27	0.014	0.002	5.80E-10	-0.039	0.009	1.20E-05
LDLC	rs1556562	G	0.21	-0.019	0.002	1.99E-14	0.002	0.009	6.80E-01
LDLC	rs2642438	A	0.30	-0.025	0.002	7.59E-29	-0.052	0.008	1.70E-09
LDLC	rs28631087	T	0.79	0.016	0.003	2.17E-10	-0.008	0.009	4.00E-01
LDLC	rs472495	G	0.35	-0.043	0.002	5.51E-85	0.003	0.008	7.90E-01
LDLC	rs4970834	C	0.81	0.105	0.003	0.00E+00	-0.012	0.010	1.50E-01
LDLC	rs541155877	C	0.99	0.069	0.011	6.30E-10	-0.021	0.041	5.10E-01
LDLC	rs556107	C	0.48	-0.035	0.002	8.04E-64	-0.016	0.008	5.60E-02
LDLC	rs61775180	C	0.58	0.026	0.002	1.67E-35	-0.008	0.008	3.20E-01
LDLC	rs61778883	T	0.13	-0.019	0.003	2.37E-09	0.007	0.012	4.80E-01
LDLC	rs6667939	C	0.28	-0.015	0.002	7.06E-11	-0.002	0.009	6.90E-01
LDLC	rs6693893	T	0.96	0.075	0.006	3.11E-40	0.015	0.021	5.40E-01
LDLC	rs77257036	C	0.65	0.012	0.002	3.79E-08	-0.009	0.008	3.40E-01
LDLC	rs880315	T	0.66	0.015	0.002	6.83E-12	0.011	0.008	7.60E-02
LDLC	rs11568318	C	0.93	-0.026	0.004	7.39E-10	-0.002	0.015	7.50E-01
LDLC	rs12471768	T	0.30	-0.014	0.002	2.47E-09	-0.018	0.008	2.30E-02
LDLC	rs1250258	C	0.26	-0.014	0.002	6.80E-09	-0.004	0.009	6.00E-01
LDLC	rs1260326	T	0.40	0.035	0.002	5.58E-60	0.039	0.008	4.10E-07
LDLC	rs12990177	A	0.48	-0.015	0.002	1.07E-12	-0.004	0.008	7.00E-01
LDLC	rs150474434	G	0.90	0.035	0.003	1.42E-23	-0.027	0.013	3.60E-02
LDLC	rs17050272	G	0.59	0.021	0.002	3.14E-22	-0.005	0.008	4.90E-01
LDLC	rs1731243	C	0.39	-0.013	0.002	7.07E-10	-0.006	0.008	3.00E-01
LDLC	rs2287622	A	0.40	0.021	0.002	3.20E-23	0.000	0.008	8.20E-01
LDLC	rs2718717	A	0.86	-0.019	0.003	2.64E-10	0.000	0.011	9.40E-01
LDLC	rs4299376	G	0.32	0.054	0.002	3.47E-131	0.011	0.008	1.20E-01
LDLC	rs430096	A	0.78	0.054	0.003	2.35E-103	-0.004	0.009	5.80E-01

LDLC	rs4954192	C	0.63	-0.015	0.002	5.69E-12	-0.003	0.008	6.40E-01
LDLC	rs56236159	T	0.87	-0.018	0.003	7.04E-09	0.006	0.011	6.50E-01
LDLC	rs6709904	A	0.89	0.044	0.003	8.74E-40	0.006	0.012	6.80E-01
LDLC	rs72774870	C	0.93	0.022	0.004	3.88E-08	0.012	0.015	4.50E-01
LDLC	rs7562734	G	0.68	0.020	0.002	2.24E-19	-0.009	0.008	2.60E-01
LDLC	rs7569317	T	0.47	-0.018	0.002	8.70E-18	-0.008	0.008	2.40E-01
LDLC	rs907866	G	0.55	0.018	0.002	3.73E-17	0.011	0.008	2.40E-01
LDLC	rs934197	G	0.66	-0.083	0.002	0.00E+00	0.005	0.008	6.20E-01
LDLC	rs113177823	G	0.95	0.041	0.005	1.24E-18	-0.031	0.017	6.10E-02
LDLC	rs13076933	T	0.74	0.021	0.002	3.03E-18	0.007	0.009	4.70E-01
LDLC	rs3732359	G	0.22	0.017	0.003	4.74E-12	0.003	0.009	6.10E-01
LDLC	rs3932048	C	0.68	-0.014	0.002	5.75E-10	-0.013	0.008	1.30E-01
LDLC	rs55921103	G	0.35	-0.014	0.002	5.07E-10	-0.002	0.008	6.60E-01
LDLC	rs71311871	A	0.92	0.028	0.004	6.65E-14	0.018	0.014	3.10E-01
LDLC	rs9832727	C	0.66	0.015	0.002	2.06E-11	0.006	0.008	3.20E-01
LDLC	rs9834932	A	0.91	0.032	0.004	1.11E-18	-0.008	0.014	5.50E-01
LDLC	rs9841897	T	0.84	-0.019	0.003	1.31E-10	0.009	0.011	3.90E-01
LDLC	rs1229984	T	0.03	-0.053	0.006	7.41E-17	-0.158	0.025	7.00E-10
LDLC	rs13107325	C	0.93	0.025	0.004	6.02E-10	-0.011	0.015	4.00E-01
LDLC	rs13108218	A	0.39	0.018	0.002	2.07E-16	0.005	0.008	5.60E-01
LDLC	rs1458038	C	0.71	0.019	0.002	6.94E-16	0.000	0.009	9.20E-01
LDLC	rs576573069	T	0.33	-0.014	0.002	2.86E-09	-0.015	0.008	8.30E-02
LDLC	rs9884390	T	0.77	-0.025	0.002	7.16E-24	-0.013	0.009	1.50E-01
LDLC	rs990619	C	0.48	0.012	0.002	1.85E-08	0.003	0.008	5.50E-01
LDLC	rs1016988	T	0.81	0.017	0.003	5.19E-11	0.008	0.010	4.00E-01
LDLC	rs116734477	C	0.96	0.047	0.005	2.76E-19	0.018	0.019	3.50E-01
LDLC	rs12916	T	0.60	-0.062	0.002	2.23E-187	0.009	0.008	2.40E-01
LDLC	rs146433259	C	0.99	0.057	0.010	4.57E-08	0.019	0.038	7.40E-01
LDLC	rs2925677	C	0.79	0.019	0.003	1.09E-13	0.006	0.009	5.70E-01
LDLC	rs6874202	T	0.37	-0.032	0.002	1.24E-50	0.018	0.008	2.40E-02
LDLC	rs7734476	G	0.45	-0.019	0.002	3.93E-19	-0.001	0.008	9.70E-01
LDLC	rs9686661	C	0.80	-0.015	0.003	1.13E-08	-0.041	0.010	2.70E-05
LDLC	rs117733303	A	0.98	-0.084	0.008	2.48E-27	0.048	0.029	1.20E-01
LDLC	rs118039278	G	0.92	-0.084	0.004	2.23E-102	0.007	0.014	6.80E-01
LDLC	rs12208357	C	0.93	-0.057	0.004	3.44E-44	0.057	0.015	8.20E-05
LDLC	rs146534110	G	0.99	-0.068	0.009	8.69E-14	0.013	0.033	7.20E-01
LDLC	rs3179865	G	0.60	-0.021	0.002	1.89E-19	-0.014	0.009	1.00E-01
LDLC	rs34392107	G	0.88	-0.046	0.003	5.78E-45	0.008	0.012	4.30E-01
LDLC	rs34568880	C	0.99	-0.056	0.009	6.12E-10	0.018	0.035	6.70E-01
LDLC	rs3822855	G	0.60	-0.018	0.002	3.49E-17	0.016	0.008	5.70E-02
LDLC	rs73025516	A	0.96	0.031	0.005	9.23E-10	-0.013	0.019	5.30E-01
LDLC	rs76967117	G	0.89	0.028	0.003	2.06E-17	-0.003	0.012	7.70E-01
LDLC	rs7746081	G	0.70	0.023	0.002	4.59E-25	0.004	0.008	5.10E-01
LDLC	rs7776054	A	0.74	0.016	0.002	7.05E-12	-0.006	0.009	4.10E-01
LDLC	rs79220007	T	0.92	0.057	0.004	1.54E-48	-0.044	0.015	1.80E-03
LDLC	rs913499	A	0.49	0.012	0.002	9.75E-09	-0.002	0.008	9.00E-01
LDLC	rs9471975	T	0.42	0.013	0.002	1.11E-09	-0.006	0.008	3.70E-01
LDLC	rs9491699	C	0.52	-0.014	0.002	1.93E-11	-0.016	0.008	6.10E-02
LDLC	rs9496567	G	0.76	0.018	0.002	5.85E-13	-0.013	0.009	1.80E-01
LDLC	rs10231941	T	0.82	-0.020	0.003	3.04E-13	-0.009	0.010	2.70E-01
LDLC	rs111338114	A	0.94	0.029	0.005	4.67E-09	-0.024	0.019	2.20E-01
LDLC	rs112758337	G	0.81	0.016	0.003	1.64E-09	-0.001	0.010	9.40E-01
LDLC	rs2073547	A	0.82	-0.036	0.003	2.44E-40	-0.014	0.010	1.80E-01
LDLC	rs28406917	C	0.57	-0.012	0.002	1.76E-08	0.001	0.008	9.10E-01
LDLC	rs4148826	T	0.82	0.016	0.003	6.51E-09	0.006	0.010	4.10E-01
LDLC	rs4722551	T	0.84	-0.024	0.003	1.30E-17	0.016	0.011	8.70E-02



LDLC	rs56130071	G	0.78	-0.033	0.003	4.75E-39	0.007	0.009	3.60E-01
LDLC	rs67050321	T	0.70	-0.015	0.002	2.25E-11	-0.015	0.009	7.20E-02
LDLC	rs836550	A	0.59	-0.012	0.002	4.65E-08	-0.004	0.008	5.30E-01
LDLC	rs869412	T	0.77	0.014	0.003	1.17E-08	0.006	0.009	4.80E-01
LDLC	rs117139027	G	0.98	0.057	0.008	7.20E-13	-0.013	0.030	5.50E-01
LDLC	rs11786083	G	0.63	-0.016	0.002	7.12E-13	0.013	0.008	1.40E-01
LDLC	rs1350559	C	0.60	-0.014	0.002	1.48E-10	0.004	0.008	5.40E-01
LDLC	rs1495741	G	0.22	0.017	0.003	4.62E-12	-0.008	0.009	3.70E-01
LDLC	rs2737265	A	0.72	0.020	0.002	1.88E-18	0.002	0.009	6.70E-01
LDLC	rs28601761	C	0.58	0.062	0.002	1.15E-184	0.047	0.008	2.00E-09
LDLC	rs28768427	G	0.48	-0.012	0.002	1.26E-08	-0.011	0.008	1.40E-01
LDLC	rs4620259	A	0.81	-0.015	0.003	4.65E-08	-0.007	0.010	5.00E-01
LDLC	rs4738684	A	0.34	0.032	0.002	3.33E-46	0.014	0.008	5.70E-02
LDLC	rs59328596	G	0.85	0.018	0.003	8.93E-10	0.001	0.011	8.00E-01
LDLC	rs72638977	A	0.97	0.033	0.006	1.33E-08	-0.011	0.021	7.50E-01
LDLC	rs9298506	A	0.79	-0.019	0.003	2.52E-13	-0.001	0.010	9.80E-01
LDLC	rs9987289	A	0.09	-0.045	0.004	4.79E-36	-0.023	0.014	9.50E-02
LDLC	rs10448340	T	0.68	0.015	0.002	1.41E-11	0.015	0.008	7.50E-02
LDLC	rs115478735	A	0.82	-0.056	0.003	8.98E-96	-0.023	0.010	2.00E-02
LDLC	rs11789603	C	0.89	-0.025	0.003	1.21E-13	0.010	0.012	3.60E-01
LDLC	rs13283282	C	0.85	0.021	0.003	2.62E-12	-0.028	0.011	2.70E-02
LDLC	rs2066714	T	0.87	-0.021	0.003	1.59E-11	0.009	0.012	6.30E-01
LDLC	rs2740488	A	0.73	0.025	0.002	7.77E-27	-0.009	0.009	3.40E-01
LDLC	rs3780181	A	0.93	0.028	0.004	2.88E-11	0.004	0.016	6.50E-01
LDLC	rs6475606	C	0.52	0.020	0.002	1.98E-22	0.003	0.008	7.30E-01
LDLC	rs6560499	G	0.42	0.012	0.002	8.07E-09	-0.011	0.008	1.70E-01
LDLC	rs11014204	C	0.72	-0.014	0.002	3.28E-09	-0.016	0.009	3.90E-02
LDLC	rs12246352	A	0.90	-0.026	0.003	6.77E-14	0.004	0.013	7.60E-01
LDLC	rs17476364	T	0.89	0.022	0.003	9.05E-11	-0.020	0.012	1.60E-01
LDLC	rs2068888	G	0.55	0.019	0.002	5.27E-20	0.013	0.008	8.30E-02
LDLC	rs2250802	G	0.28	0.018	0.002	5.99E-15	0.054	0.009	1.40E-09
LDLC	rs7090758	T	0.53	0.012	0.002	1.61E-08	0.012	0.008	1.80E-01
LDLC	rs72823020	T	0.87	0.021	0.003	5.62E-12	-0.010	0.011	3.70E-01
LDLC	rs79828839	C	0.80	-0.015	0.003	2.44E-08	-0.013	0.010	2.10E-01
LDLC	rs10832963	T	0.26	-0.017	0.002	4.10E-13	0.003	0.009	7.10E-01
LDLC	rs11227247	A	0.87	-0.018	0.003	5.74E-09	0.005	0.011	7.30E-01
LDLC	rs115739682	T	0.81	0.016	0.003	1.39E-09	0.005	0.010	6.20E-01
LDLC	rs11601507	C	0.93	-0.032	0.004	1.69E-15	-0.009	0.015	4.10E-01
LDLC	rs174564	A	0.65	0.032	0.002	3.11E-48	0.000	0.008	9.90E-01
LDLC	rs59379014	C	0.93	-0.055	0.004	3.25E-43	0.011	0.015	4.30E-01
LDLC	rs6589939	A	0.62	-0.013	0.002	7.00E-10	-0.015	0.008	5.60E-02
LDLC	rs7108486	T	0.98	0.039	0.007	1.84E-08	-0.007	0.026	6.60E-01
LDLC	rs74869459	T	0.76	0.017	0.002	2.97E-12	0.018	0.009	6.60E-02
LDLC	rs964184	G	0.13	0.057	0.003	1.61E-78	0.007	0.011	5.10E-01
LDLC	rs1007938	A	0.59	-0.012	0.002	1.26E-08	0.017	0.008	1.60E-02
LDLC	rs112403212	C	0.86	-0.017	0.003	1.20E-08	0.003	0.011	8.30E-01
LDLC	rs1169294	G	0.69	-0.025	0.002	2.00E-27	-0.014	0.008	7.30E-02
LDLC	rs2160994	T	0.35	-0.018	0.002	4.07E-17	0.015	0.008	9.90E-02
LDLC	rs35882350	A	0.74	-0.014	0.002	5.00E-09	-0.015	0.009	9.70E-02
LDLC	rs597808	A	0.48	-0.027	0.002	2.00E-38	0.005	0.008	6.80E-01
LDLC	rs61754230	C	0.98	-0.043	0.007	1.17E-08	-0.104	0.028	4.60E-04
LDLC	rs2238162	C	0.48	0.016	0.002	3.45E-15	-0.014	0.008	6.70E-02
LDLC	rs551473284	T	0.37	-0.013	0.002	1.39E-09	-0.018	0.008	1.40E-02
LDLC	rs6602912	T	0.72	-0.022	0.002	5.48E-22	0.001	0.009	9.90E-01
LDLC	rs11621792	C	0.55	-0.019	0.002	1.29E-19	-0.023	0.008	2.60E-03
LDLC	rs145730801	T	0.96	-0.036	0.005	3.57E-12	0.020	0.019	2.60E-01

LDLC	rs61988556	T	0.91	0.022	0.004	2.11E-09	-0.018	0.014	1.90E-01
LDLC	rs6573971	G	0.44	0.013	0.002	3.41E-10	0.003	0.008	7.00E-01
LDLC	rs8008068	A	0.84	-0.016	0.003	3.68E-08	0.005	0.011	6.50E-01
LDLC	rs10851478	T	0.58	0.012	0.002	6.01E-09	0.003	0.008	5.30E-01
LDLC	rs112987086	G	0.28	-0.016	0.002	1.15E-11	-0.004	0.009	7.00E-01
LDLC	rs1532085	A	0.39	0.017	0.002	8.91E-16	-0.013	0.008	8.90E-02
LDLC	rs261334	G	0.21	0.022	0.003	8.67E-18	-0.009	0.009	3.20E-01
LDLC	rs62011285	T	0.66	-0.012	0.002	1.59E-08	0.015	0.008	7.60E-02
LDLC	rs72733928	A	0.94	-0.026	0.004	2.30E-09	-0.007	0.017	6.80E-01
LDLC	rs12445804	G	0.93	-0.023	0.004	7.97E-09	-0.034	0.015	2.10E-02
LDLC	rs34042070	C	0.81	-0.049	0.003	2.23E-73	-0.010	0.010	4.30E-01
LDLC	rs3764261	C	0.68	0.033	0.002	1.02E-49	-0.004	0.008	6.00E-01
LDLC	rs4782568	C	0.55	0.016	0.002	5.98E-15	0.025	0.008	1.10E-03
LDLC	rs62033400	A	0.61	0.014	0.002	1.15E-11	-0.025	0.008	1.40E-03
LDLC	rs7202323	T	0.77	0.026	0.002	7.52E-25	0.002	0.009	8.10E-01
LDLC	rs77013160	G	0.98	-0.043	0.008	1.73E-08	-0.029	0.030	2.50E-01
LDLC	rs9929977	T	0.63	-0.017	0.002	1.03E-14	-0.008	0.008	3.30E-01
LDLC	rs12603885	G	0.30	-0.018	0.002	1.39E-14	-0.002	0.008	8.40E-01
LDLC	rs12936113	T	0.24	-0.014	0.002	2.27E-08	0.004	0.009	6.00E-01
LDLC	rs12948394	C	0.52	0.018	0.002	5.13E-18	-0.012	0.008	1.10E-01
LDLC	rs1801689	A	0.97	-0.062	0.006	1.60E-24	-0.109	0.023	9.40E-07
LDLC	rs36043200	G	0.48	0.026	0.002	1.21E-36	0.011	0.008	1.70E-01
LDLC	rs55714927	C	0.81	0.026	0.003	3.66E-23	0.004	0.010	8.10E-01
LDLC	rs72631343	C	0.87	0.029	0.003	4.87E-21	0.015	0.012	2.40E-01
LDLC	rs77542162	A	0.98	-0.128	0.007	5.46E-74	0.065	0.026	1.80E-02
LDLC	rs9894946	A	0.16	0.018	0.003	1.48E-09	0.020	0.011	5.80E-02
LDLC	rs7241918	G	0.18	-0.016	0.003	1.23E-08	-0.006	0.010	5.50E-01
LDLC	rs77960347	A	0.99	-0.071	0.009	7.50E-15	-0.076	0.033	2.60E-02
LDLC	rs143020224	C	0.88	0.169	0.003	0.00E+00	-0.019	0.012	1.40E-01
LDLC	rs1551891	G	0.91	0.174	0.004	0.00E+00	-0.023	0.014	1.00E-01
LDLC	rs188247550	C	0.99	0.121	0.010	9.20E-37	-0.252	0.034	3.20E-14
LDLC	rs2021092	T	0.81	0.016	0.003	8.71E-10	-0.012	0.010	2.20E-01
LDLC	rs204469	A	0.04	-0.029	0.005	8.59E-09	0.056	0.019	2.80E-03
LDLC	rs2738447	A	0.41	-0.042	0.002	3.47E-89	-0.007	0.008	3.50E-01
LDLC	rs35081008	C	0.85	0.032	0.003	1.05E-27	-0.018	0.011	1.20E-01
LDLC	rs4452060	C	0.58	-0.083	0.002	0.00E+00	0.017	0.008	3.60E-02
LDLC	rs4808360	T	0.49	-0.013	0.002	8.12E-10	0.005	0.008	6.40E-01
LDLC	rs516316	G	0.49	-0.030	0.002	9.52E-47	-0.013	0.008	1.10E-01
LDLC	rs549956721	A	0.97	0.042	0.007	1.80E-10	0.015	0.024	5.80E-01
LDLC	rs56113850	T	0.42	-0.013	0.002	1.84E-10	-0.012	0.008	1.40E-01
LDLC	rs62116889	T	0.93	0.050	0.004	2.36E-33	0.001	0.016	8.10E-01
LDLC	rs62118464	G	0.88	-0.028	0.003	4.88E-17	0.010	0.012	3.30E-01
LDLC	rs62120394	G	0.71	-0.016	0.002	5.49E-12	-0.039	0.009	4.40E-06
LDLC	rs6857	C	0.83	-0.158	0.003	0.00E+00	0.105	0.010	2.10E-24
LDLC	rs8101801	C	0.96	0.045	0.006	6.16E-16	-0.015	0.021	5.20E-01
LDLC	rs8107974	A	0.92	0.105	0.004	1.77E-158	-0.288	0.015	6.10E-85
LDLC	rs1800961	C	0.97	0.060	0.006	4.04E-23	-0.008	0.022	6.20E-01
LDLC	rs1883711	G	0.97	-0.103	0.006	1.37E-63	-0.068	0.023	1.80E-03
LDLC	rs224424	A	0.79	0.021	0.003	2.58E-16	-0.013	0.010	2.00E-01
LDLC	rs2256814	G	0.80	-0.015	0.003	6.71E-09	0.015	0.010	8.00E-02
LDLC	rs2618566	G	0.34	0.025	0.002	1.20E-29	-0.016	0.008	7.50E-02
LDLC	rs438568	A	0.39	-0.013	0.002	4.03E-09	0.016	0.008	6.10E-02
LDLC	rs6050463	G	0.51	-0.013	0.002	1.82E-09	-0.024	0.008	9.70E-04
LDLC	rs6073958	T	0.80	-0.017	0.003	2.61E-11	-0.001	0.010	9.50E-01
LDLC	rs6090101	G	0.80	-0.018	0.003	3.06E-11	-0.002	0.010	7.10E-01
LDLC	rs6093446	G	0.71	-0.022	0.002	7.41E-22	-0.003	0.009	7.50E-01

LDLC	rs61433703	G	0.84	-0.016	0.003	2.67E-08	0.015	0.011	2.50E-01
LDLC	rs73075609	C	0.97	-0.037	0.007	1.63E-08	0.031	0.024	1.80E-01
LDLC	rs4818025	A	0.43	-0.014	0.002	8.67E-11	-0.003	0.008	7.90E-01
LDLC	rs12162782	T	0.66	-0.013	0.002	4.35E-09	0.020	0.008	1.00E-02
LDLC	rs960596	C	0.66	-0.013	0.002	1.33E-09	-0.022	0.008	7.70E-03
SBP	rs1043069	T	0.62	0.016	0.003	5.14E-15	0.002	0.008	8.50E-01
SBP	rs10923038	A	0.61	-0.015	0.003	2.57E-10	-0.002	0.008	7.00E-01
SBP	rs11210029	A	0.63	0.021	0.003	5.14E-09	0.010	0.008	1.70E-01
SBP	rs11579440	T	0.85	-0.016	0.002	9.45E-10	0.005	0.011	7.70E-01
SBP	rs12042924	T	0.53	-0.017	0.003	6.22E-11	-0.002	0.008	6.70E-01
SBP	rs17396055	A	0.33	0.015	0.003	6.08E-11	-0.001	0.008	9.50E-01
SBP	rs260508	T	0.61	0.018	0.003	5.02E-09	0.004	0.008	7.30E-01
SBP	rs2807337	T	0.37	-0.035	0.006	3.49E-12	-0.004	0.008	5.70E-01
SBP	rs33996239	T	0.06	0.030	0.005	1.70E-10	-0.031	0.016	4.60E-02
SBP	rs3737801	C	0.91	0.019	0.003	2.99E-09	-0.023	0.015	9.30E-02
SBP	rs4651224	T	0.45	0.030	0.004	7.49E-15	-0.004	0.008	6.00E-01
SBP	rs4926499	C	0.82	0.020	0.003	2.83E-15	-0.011	0.010	2.90E-01
SBP	rs7514579	A	0.77	0.020	0.003	1.82E-11	-0.010	0.009	2.20E-01
SBP	rs7555285	C	0.80	-0.024	0.004	1.11E-10	0.016	0.010	6.00E-02
SBP	rs76719272	T	0.13	0.059	0.008	1.93E-10	0.005	0.012	4.20E-01
SBP	rs79598313	T	0.03	-0.023	0.003	1.82E-13	0.033	0.025	1.70E-01
SBP	rs839755	A	0.62	0.014	0.003	1.31E-19	-0.004	0.008	6.00E-01
SBP	rs10189186	A	0.53	-0.023	0.003	1.28E-08	-0.005	0.008	5.00E-01
SBP	rs1044822	T	0.15	-0.020	0.003	6.26E-11	-0.014	0.011	9.80E-02
SBP	rs1047891	A	0.32	-0.015	0.003	9.43E-14	-0.004	0.008	7.40E-01
SBP	rs11694601	A	0.59	-0.018	0.003	2.81E-09	-0.009	0.008	2.50E-01
SBP	rs12694277	T	0.30	0.055	0.008	7.37E-11	-0.011	0.009	1.90E-01
SBP	rs139354822	T	0.97	0.015	0.003	1.03E-12	-0.014	0.024	6.70E-01
SBP	rs1837164	A	0.37	-0.025	0.005	3.28E-09	-0.014	0.008	1.10E-01
SBP	rs2059752	T	0.90	0.019	0.003	2.41E-08	0.011	0.014	5.20E-01
SBP	rs2300481	T	0.39	-0.019	0.003	8.17E-15	-0.002	0.008	6.00E-01
SBP	rs28377357	A	0.29	-0.019	0.003	3.09E-12	-0.031	0.009	5.80E-04
SBP	rs28558491	T	0.74	0.019	0.003	1.57E-11	0.003	0.009	7.60E-01
SBP	rs2920899	T	0.79	0.016	0.002	1.14E-09	0.002	0.010	8.40E-01
SBP	rs296797	T	0.41	-0.022	0.003	3.73E-11	-0.005	0.008	5.30E-01
SBP	rs35590893	A	0.27	-0.024	0.004	5.06E-15	-0.007	0.009	3.70E-01
SBP	rs55732192	T	0.09	0.017	0.003	1.53E-08	-0.017	0.013	1.40E-01
SBP	rs6545155	T	0.78	-0.016	0.003	9.91E-09	-0.002	0.009	9.20E-01
SBP	rs6712203	T	0.37	0.023	0.004	9.27E-10	-0.030	0.008	1.60E-04
SBP	rs6723509	T	0.86	0.017	0.003	2.24E-11	0.002	0.011	8.90E-01
SBP	rs6739913	A	0.28	0.020	0.003	6.38E-10	0.004	0.009	7.70E-01
SBP	rs67720684	A	0.24	0.022	0.003	2.44E-12	-0.004	0.009	7.00E-01
SBP	rs72816333	A	0.83	0.021	0.004	5.64E-12	-0.010	0.010	3.50E-01
SBP	rs72844590	T	0.15	0.022	0.003	4.88E-09	-0.002	0.011	7.80E-01
SBP	rs72847885	A	0.66	-0.026	0.004	4.61E-17	0.000	0.008	8.70E-01
SBP	rs79523138	A	0.88	-0.061	0.011	3.96E-11	-0.003	0.012	6.20E-01
SBP	rs111464338	T	0.98	0.021	0.003	1.89E-08	-0.007	0.034	7.40E-01
SBP	rs12638085	A	0.35	0.023	0.003	8.60E-16	0.006	0.008	3.60E-01
SBP	rs1375564	T	0.64	-0.022	0.004	5.57E-20	0.002	0.008	7.20E-01
SBP	rs1882289	A	0.88	-0.078	0.012	1.22E-08	0.006	0.012	5.40E-01
SBP	rs189267552	A	0.01	-0.019	0.002	1.16E-11	0.016	0.035	6.50E-01
SBP	rs262986	A	0.47	-0.016	0.003	7.22E-14	-0.018	0.008	1.00E-02
SBP	rs3729931	A	0.36	-0.020	0.003	5.59E-10	-0.011	0.008	1.10E-01
SBP	rs4499560	A	0.32	0.042	0.006	3.43E-14	-0.021	0.008	1.20E-02
SBP	rs62271373	A	0.06	0.021	0.002	2.38E-14	0.046	0.017	6.40E-03
SBP	rs6438857	T	0.57	0.025	0.004	5.77E-18	0.004	0.008	7.80E-01

SBP	rs6774721	C	0.88	0.026	0.004	2.98E-10	0.002	0.011	7.40E-01
SBP	rs6788984	A	0.86	-0.021	0.003	4.28E-13	-0.023	0.011	4.80E-02
SBP	rs78151625	T	0.83	0.016	0.002	1.68E-10	0.012	0.011	3.00E-01
SBP	rs863930	A	0.54	-0.014	0.002	2.95E-11	0.004	0.008	4.90E-01
SBP	rs893982	C	0.40	0.018	0.003	2.82E-08	-0.006	0.008	3.60E-01
SBP	rs9311344	A	0.18	0.014	0.002	1.13E-08	0.005	0.010	7.10E-01
SBP	rs9842387	T	0.46	-0.015	0.003	1.82E-08	-0.003	0.008	8.70E-01
SBP	rs9869437	A	0.35	-0.017	0.002	3.65E-09	0.002	0.008	7.40E-01
SBP	rs9875380	T	0.46	0.019	0.002	1.60E-11	0.008	0.008	3.60E-01
SBP	rs10008637	T	0.54	-0.022	0.003	1.35E-14	0.016	0.008	2.60E-02
SBP	rs12511987	T	0.82	0.025	0.003	2.64E-11	-0.012	0.010	4.40E-01
SBP	rs13149209	T	0.78	-0.018	0.003	1.81E-17	-0.004	0.009	7.70E-01
SBP	rs1347345	A	0.62	0.029	0.003	1.41E-12	0.002	0.008	7.80E-01
SBP	rs17035181	T	0.85	-0.023	0.003	2.37E-17	0.014	0.011	2.00E-01
SBP	rs231708	C	0.69	-0.026	0.003	5.61E-18	0.019	0.008	3.70E-02
SBP	rs2610990	A	0.26	-0.017	0.003	3.95E-20	-0.025	0.009	4.50E-03
SBP	rs6823767	T	0.72	-0.023	0.003	2.29E-10	-0.010	0.009	1.80E-01
SBP	rs72719160	A	0.68	0.024	0.003	5.00E-19	0.000	0.008	1.00E+00
SBP	rs7439567	T	0.42	-0.038	0.007	6.44E-21	-0.011	0.008	1.40E-01
SBP	rs78231605	T	0.04	0.027	0.003	4.79E-08	-0.006	0.020	7.90E-01
SBP	rs10069690	T	0.26	-0.025	0.004	4.06E-21	-0.014	0.009	1.10E-01
SBP	rs12153395	A	0.11	0.020	0.003	3.20E-10	-0.018	0.012	1.10E-01
SBP	rs13179413	T	0.28	0.023	0.003	5.99E-13	0.022	0.009	5.80E-03
SBP	rs1694068	A	0.61	0.022	0.003	1.18E-20	0.018	0.008	2.40E-02
SBP	rs246973	T	0.29	-0.015	0.002	6.92E-16	-0.006	0.009	3.90E-01
SBP	rs3121685	T	0.48	0.014	0.003	2.02E-09	0.000	0.008	9.90E-01
SBP	rs4957026	A	0.34	0.026	0.004	2.67E-08	-0.009	0.008	3.70E-01
SBP	rs62373688	A	0.13	0.019	0.002	5.32E-12	-0.014	0.011	2.40E-01
SBP	rs702395	T	0.44	-0.025	0.003	8.21E-15	-0.002	0.008	7.60E-01
SBP	rs709668	A	0.20	-0.017	0.003	1.22E-16	0.003	0.010	6.50E-01
SBP	rs74774746	C	0.26	0.020	0.002	2.20E-09	0.007	0.009	4.70E-01
SBP	rs10782230	A	0.48	0.014	0.003	5.07E-16	0.001	0.008	8.80E-01
SBP	rs12661604	A	0.40	0.015	0.003	4.20E-08	-0.007	0.008	3.10E-01
SBP	rs179972	T	0.43	-0.018	0.003	1.15E-08	0.012	0.008	1.20E-01
SBP	rs2395622	T	0.82	-0.019	0.003	3.26E-08	0.001	0.010	9.40E-01
SBP	rs2498586	T	0.17	0.019	0.003	9.66E-09	-0.003	0.010	7.30E-01
SBP	rs2745599	A	0.55	-0.018	0.003	4.65E-14	-0.005	0.008	6.10E-01
SBP	rs7763294	T	0.32	0.014	0.002	6.92E-12	-0.001	0.008	9.20E-01
SBP	rs7765526	A	0.47	0.023	0.003	6.66E-09	-0.001	0.008	9.50E-01
SBP	rs9368222	A	0.27	0.016	0.003	3.50E-17	0.001	0.009	8.50E-01
SBP	rs9401090	T	0.75	0.021	0.003	9.25E-09	-0.016	0.009	6.20E-02
SBP	rs9885632	T	0.73	0.014	0.003	4.92E-14	-0.002	0.009	7.50E-01
SBP	rs1011390	T	0.39	0.030	0.004	1.56E-08	0.005	0.008	5.00E-01
SBP	rs10233127	A	0.11	0.016	0.002	1.40E-13	-0.010	0.013	4.50E-01
SBP	rs10274928	A	0.49	0.017	0.003	8.14E-11	0.024	0.008	2.70E-03
SBP	rs11771693	A	0.67	0.015	0.003	2.73E-10	-0.005	0.008	4.80E-01
SBP	rs12703989	A	0.49	0.017	0.003	1.17E-09	0.014	0.008	6.60E-02
SBP	rs1870735	C	0.45	-0.022	0.002	1.78E-11	0.007	0.008	2.40E-01
SBP	rs34072724	A	0.49	-0.015	0.003	3.94E-19	-0.012	0.008	7.00E-02
SBP	rs3807925	A	0.65	0.015	0.003	4.02E-09	-0.003	0.008	6.90E-01
SBP	rs6466878	T	0.32	0.016	0.003	7.74E-09	-0.008	0.008	3.00E-01
SBP	rs6593297	A	0.30	-0.015	0.003	7.92E-09	-0.022	0.009	1.60E-02
SBP	rs6953231	T	0.27	-0.020	0.003	3.26E-08	-0.010	0.009	2.40E-01
SBP	rs6959688	A	0.60	-0.018	0.003	2.51E-15	0.005	0.008	5.10E-01
SBP	rs6963105	A	0.43	-0.020	0.003	1.34E-11	-0.021	0.008	4.50E-03
SBP	rs848445	T	0.28	0.017	0.003	6.83E-13	-0.004	0.009	7.20E-01

SBP	rs13253358	T	0.30	0.017	0.003	6.32E-11	0.003	0.008	7.00E-01
SBP	rs1405349	T	0.72	-0.039	0.006	3.01E-10	0.023	0.009	3.30E-03
SBP	rs142449193	T	0.05	0.027	0.003	3.53E-10	-0.023	0.019	3.70E-01
SBP	rs1906672	A	0.23	0.024	0.003	1.06E-20	0.002	0.009	6.50E-01
SBP	rs1986971	A	0.70	0.019	0.003	4.13E-18	0.004	0.009	5.20E-01
SBP	rs2354862	A	0.64	-0.014	0.003	7.74E-14	-0.001	0.008	8.50E-01
SBP	rs2978398	A	0.42	0.016	0.003	3.31E-08	-0.001	0.008	9.70E-01
SBP	rs2979470	T	0.49	0.017	0.002	9.67E-11	-0.006	0.008	5.00E-01
SBP	rs4129585	A	0.44	0.018	0.003	1.16E-12	-0.002	0.008	8.10E-01
SBP	rs4598218	T	0.61	0.030	0.003	1.50E-12	-0.003	0.008	4.60E-01
SBP	rs4873492	T	0.18	0.018	0.003	1.17E-19	-0.002	0.010	9.00E-01
SBP	rs4875958	A	0.71	0.015	0.003	7.93E-11	-0.011	0.009	2.20E-01
SBP	rs61040371	T	0.63	0.023	0.003	3.61E-09	-0.004	0.008	5.80E-01
SBP	rs62523863	A	0.22	-0.024	0.003	5.22E-15	0.019	0.009	4.50E-02
SBP	rs72688070	T	0.17	-0.015	0.003	1.44E-13	-0.014	0.010	1.80E-01
SBP	rs10820855	T	0.68	0.020	0.003	2.59E-08	0.000	0.008	9.80E-01
SBP	rs1332813	T	0.35	-0.017	0.003	3.28E-14	-0.003	0.008	6.60E-01
SBP	rs184457	A	0.30	-0.018	0.003	1.07E-09	-0.010	0.008	1.30E-01
SBP	rs1891730	T	0.62	-0.022	0.003	3.11E-12	-0.001	0.008	9.10E-01
SBP	rs28558845	C	0.16	-0.017	0.003	1.27E-10	-0.008	0.011	5.10E-01
SBP	rs60191654	A	0.81	-0.024	0.002	3.20E-08	-0.008	0.010	4.80E-01
SBP	rs7023828	T	0.42	-0.018	0.003	1.33E-22	0.000	0.008	8.00E-01
SBP	rs7045409	A	0.37	-0.017	0.003	8.74E-13	-0.007	0.008	4.00E-01
SBP	rs7874646	T	0.20	0.024	0.004	1.79E-08	-0.003	0.010	7.60E-01
SBP	rs11187142	T	0.11	-0.018	0.003	1.91E-09	-0.006	0.013	7.20E-01
SBP	rs11197813	A	0.70	-0.030	0.005	1.82E-11	0.012	0.008	2.00E-01
SBP	rs11252324	T	0.08	-0.026	0.003	6.02E-11	-0.009	0.015	5.80E-01
SBP	rs1133400	A	0.79	0.023	0.003	7.70E-18	0.003	0.009	7.00E-01
SBP	rs11592107	A	0.31	-0.036	0.005	2.44E-18	0.011	0.008	2.00E-01
SBP	rs12572586	T	0.94	-0.027	0.004	1.76E-12	-0.014	0.016	2.80E-01
SBP	rs34130368	T	0.12	0.019	0.002	5.55E-12	0.005	0.012	8.70E-01
SBP	rs3802517	A	0.46	0.017	0.003	6.27E-15	0.003	0.008	7.30E-01
SBP	rs3858217	C	0.26	-0.021	0.004	3.32E-09	-0.015	0.009	1.30E-01
SBP	rs56085433	A	0.14	0.020	0.004	6.19E-09	-0.001	0.011	8.90E-01
SBP	rs56352451	T	0.13	-0.018	0.003	2.63E-08	-0.005	0.011	6.00E-01
SBP	rs72799495	A	0.16	-0.028	0.004	2.99E-08	0.003	0.010	7.30E-01
SBP	rs72834453	T	0.88	0.047	0.006	7.56E-13	0.012	0.012	3.90E-01
SBP	rs77413490	T	0.04	0.019	0.003	4.16E-14	-0.009	0.020	5.20E-01
SBP	rs7912283	A	0.35	-0.018	0.003	6.29E-14	-0.005	0.008	5.20E-01
SBP	rs10743086	A	0.21	0.031	0.004	1.48E-09	0.018	0.010	3.80E-02
SBP	rs1076485	T	0.14	0.017	0.003	1.09E-17	0.003	0.012	8.90E-01
SBP	rs10766533	A	0.71	-0.019	0.003	9.28E-10	0.010	0.009	2.30E-01
SBP	rs11031051	A	0.69	0.027	0.005	6.33E-13	0.011	0.008	2.00E-01
SBP	rs190194639	T	0.08	-0.029	0.002	4.42E-09	0.000	0.015	9.70E-01
SBP	rs4754196	A	0.52	0.021	0.003	5.48E-32	-0.006	0.008	5.40E-01
SBP	rs4980515	T	0.50	0.020	0.003	9.51E-17	0.004	0.008	7.10E-01
SBP	rs67976715	C	0.23	-0.016	0.003	2.37E-11	0.010	0.009	2.20E-01
SBP	rs7128707	A	0.26	0.039	0.004	3.07E-09	-0.005	0.009	5.00E-01
SBP	rs75905900	A	0.87	0.020	0.003	6.77E-26	-0.002	0.011	8.80E-01
SBP	rs871004	A	0.35	-0.035	0.004	1.18E-14	-0.019	0.008	1.90E-02
SBP	rs10437954	A	0.90	0.025	0.003	2.69E-16	-0.009	0.013	5.50E-01
SBP	rs10858966	C	0.29	0.046	0.006	4.74E-20	0.017	0.009	7.80E-02
SBP	rs11112548	A	0.95	-0.019	0.003	1.40E-13	-0.031	0.019	9.50E-02
SBP	rs11571376	C	0.70	0.022	0.004	3.60E-12	0.005	0.009	4.20E-01
SBP	rs117206641	A	0.14	-0.023	0.003	1.52E-09	0.015	0.013	3.10E-01
SBP	rs2024385	A	0.42	0.018	0.003	1.03E-19	0.013	0.008	9.40E-02

SBP	rs4143175	T	0.24	-0.022	0.003	2.96E-10	-0.004	0.009	6.60E-01
SBP	rs5742643	A	0.25	-0.020	0.003	2.21E-15	-0.017	0.009	4.30E-02
SBP	rs78998485	C	0.75	-0.020	0.003	2.93E-13	-0.001	0.009	9.10E-01
SBP	rs7963801	T	0.41	0.016	0.003	2.41E-15	-0.018	0.008	1.60E-02
SBP	rs7976167	T	0.69	0.016	0.003	7.37E-10	-0.006	0.008	3.90E-01
SBP	rs1331012	T	0.27	-0.015	0.003	2.95E-09	-0.004	0.009	5.60E-01
SBP	rs17245822	A	0.63	0.014	0.003	3.66E-09	0.002	0.008	8.30E-01
SBP	rs2152258	T	0.35	0.023	0.003	2.47E-08	0.006	0.008	4.30E-01
SBP	rs606950	A	0.62	-0.026	0.004	4.09E-20	-0.004	0.008	5.60E-01
SBP	rs73187288	A	0.89	0.039	0.003	1.61E-10	0.000	0.012	9.90E-01
SBP	rs7331680	T	0.15	-0.048	0.006	1.34E-29	0.012	0.011	1.40E-01
SBP	rs78474310	A	0.96	0.015	0.002	8.51E-16	-0.009	0.018	5.90E-01
SBP	rs7988232	A	0.42	0.022	0.003	2.79E-09	0.014	0.008	8.60E-02
SBP	rs912434	T	0.76	-0.023	0.004	6.64E-14	-0.014	0.009	1.10E-01
SBP	rs9507885	T	0.11	-0.019	0.003	3.70E-09	0.009	0.013	4.00E-01
SBP	rs9526707	A	0.32	0.027	0.002	2.06E-13	0.004	0.008	5.70E-01
SBP	rs9532243	A	0.48	0.018	0.002	7.31E-29	-0.014	0.008	6.50E-02
SBP	rs11159091	A	0.46	0.020	0.003	3.13E-13	0.005	0.008	5.30E-01
SBP	rs11623535	A	0.74	0.016	0.003	2.89E-13	0.008	0.009	4.40E-01
SBP	rs17115145	T	0.40	-0.016	0.002	3.47E-10	0.016	0.008	5.20E-02
SBP	rs34983854	A	0.61	0.098	0.009	6.93E-11	0.020	0.008	1.90E-02
SBP	rs72683923	T	0.98	-0.034	0.004	1.33E-25	0.066	0.027	1.50E-02
SBP	rs8014182	T	0.14	0.020	0.002	4.96E-21	0.002	0.012	9.70E-01
SBP	rs11629850	A	0.53	0.021	0.002	2.93E-16	-0.004	0.008	4.50E-01
SBP	rs11632436	C	0.50	0.023	0.003	4.79E-17	-0.004	0.008	6.30E-01
SBP	rs11634028	A	0.21	0.014	0.002	8.96E-13	-0.013	0.009	2.20E-01
SBP	rs12595031	T	0.58	0.015	0.003	2.03E-08	-0.007	0.008	4.90E-01
SBP	rs12901664	T	0.35	0.026	0.003	3.26E-09	0.010	0.008	2.80E-01
SBP	rs3743157	A	0.17	0.014	0.003	1.18E-15	0.000	0.010	9.30E-01
SBP	rs4775376	T	0.38	-0.025	0.003	4.35E-08	-0.002	0.008	8.80E-01
SBP	rs4965529	T	0.17	0.017	0.003	1.55E-14	0.006	0.010	5.90E-01
SBP	rs2060664	T	0.75	-0.020	0.003	1.45E-09	-0.003	0.009	5.50E-01
SBP	rs2379829	C	0.73	-0.023	0.003	5.90E-13	0.007	0.009	4.00E-01
SBP	rs34941092	A	0.15	-0.016	0.003	1.44E-11	0.004	0.011	6.60E-01
SBP	rs35450617	T	0.70	0.016	0.003	2.21E-09	0.001	0.009	9.40E-01
SBP	rs6540125	T	0.35	-0.018	0.003	4.50E-10	0.003	0.008	6.60E-01
SBP	rs7187540	A	0.34	-0.023	0.003	1.15E-10	0.012	0.008	1.40E-01
SBP	rs1036902	T	0.84	0.022	0.004	1.76E-11	-0.010	0.011	3.10E-01
SBP	rs112260610	T	0.14	-0.017	0.003	3.85E-10	-0.006	0.011	6.00E-01
SBP	rs112280096	A	0.36	0.019	0.003	1.03E-10	0.006	0.008	5.70E-01
SBP	rs1551355	T	0.23	-0.021	0.003	1.97E-11	-0.006	0.009	5.20E-01
SBP	rs34430710	A	0.68	0.026	0.003	4.61E-15	-0.004	0.008	6.30E-01
SBP	rs4480845	T	0.37	0.023	0.002	8.46E-24	0.011	0.008	2.00E-01
SBP	rs4925159	A	0.43	-0.024	0.003	2.59E-20	0.005	0.008	5.50E-01
SBP	rs6504213	T	0.42	-0.014	0.002	7.24E-22	0.002	0.008	8.10E-01
SBP	rs7218708	A	0.49	0.019	0.002	8.07E-09	-0.008	0.008	2.30E-01
SBP	rs9302885	A	0.44	-0.015	0.003	2.04E-15	0.003	0.008	5.60E-01
SBP	rs9899540	A	0.61	-0.023	0.003	6.29E-09	0.004	0.008	7.00E-01
SBP	rs10048404	T	0.37	0.021	0.003	3.36E-17	0.009	0.008	3.60E-01
SBP	rs10460108	A	0.48	-0.015	0.003	5.84E-13	0.003	0.008	8.00E-01
SBP	rs1154214	T	0.40	-0.022	0.003	4.09E-09	-0.018	0.008	5.60E-02
SBP	rs11876341	A	0.69	0.020	0.003	1.71E-16	-0.008	0.008	3.00E-01
SBP	rs12454712	T	0.62	-0.031	0.003	4.56E-15	0.016	0.008	5.70E-02
SBP	rs34413141	A	0.18	-0.016	0.003	2.33E-21	0.002	0.010	9.80E-01
SBP	rs62082230	A	0.28	-0.024	0.003	5.32E-09	0.011	0.009	1.50E-01
SBP	rs10409243	T	0.58	0.014	0.003	3.96E-21	-0.019	0.008	1.40E-02

SBP	rs1236093	T	0.40	-0.066	0.010	4.81E-08	0.011	0.008	1.50E-01
SBP	rs138877676	T	0.02	-0.023	0.002	2.29E-10	-0.010	0.030	7.90E-01
SBP	rs2613765	A	0.47	-0.020	0.004	1.03E-21	-0.012	0.008	1.40E-01
SBP	rs3810299	T	0.87	0.015	0.003	3.46E-08	-0.019	0.012	1.10E-01
SBP	rs7256564	A	0.31	-0.028	0.004	4.88E-09	0.010	0.008	2.00E-01
SBP	rs73046792	A	0.15	-0.022	0.003	3.99E-15	-0.002	0.010	8.70E-01
SBP	rs1764975	T	0.18	-0.016	0.003	1.64E-11	0.015	0.010	9.80E-02
SBP	rs2801008	T	0.68	0.020	0.002	7.70E-10	-0.019	0.008	3.10E-02
SBP	rs6021247	A	0.53	0.023	0.003	4.50E-17	0.013	0.008	1.10E-01
SBP	rs1882961	T	0.31	0.020	0.003	1.54E-18	0.000	0.008	9.50E-01
SBP	rs28578714	T	0.61	-0.030	0.005	3.97E-14	0.003	0.008	6.50E-01
SBP	rs9608690	A	0.07	0.029	0.002	2.81E-09	-0.017	0.016	2.40E-01
Strenuous sports	rs10946808	G	0.70	0.030	0.008	9.90E-10	-0.019	0.016	8.73E-03
Strenuous sports	rs111901094	G	0.89	0.039	0.010	3.00E-09	-0.106	0.000	1.02E-02
Strenuous sports	rs159544	G	0.61	0.030	0.008	1.30E-09	-0.009	0.220	7.91E-03
Strenuous sports	rs166840	G	0.41	0.030	0.007	3.10E-11	-0.013	0.110	7.94E-03
Strenuous sports	rs62253088	T	0.64	0.049	0.008	1.00E-19	-0.009	0.250	8.28E-03
Strenuous sports	rs75930676	C	0.03	0.073	0.019	2.00E-09	-0.018	0.310	1.82E-02
SmoIndex	rs10918701	G	0.37	0.012	0.002	1.97E-09	0.009	0.008	3.10E-01
SmoIndex	rs10922907	A	0.45	0.015	0.002	6.38E-14	0.012	0.008	1.40E-01
SmoIndex	rs11210229	A	0.38	0.017	0.002	1.90E-17	-0.007	0.008	4.40E-01
SmoIndex	rs1193237	G	0.44	-0.011	0.002	3.80E-08	-0.005	0.008	5.50E-01
SmoIndex	rs1931263	G	0.51	-0.011	0.002	3.80E-08	-0.012	0.008	9.70E-02
SmoIndex	rs1933270	T	0.36	0.013	0.002	8.03E-11	0.016	0.008	4.40E-02
SmoIndex	rs4949465	T	0.87	-0.017	0.003	1.46E-08	0.003	0.012	8.90E-01
SmoIndex	rs549845	G	0.30	0.016	0.002	1.24E-15	-0.012	0.008	1.60E-01
SmoIndex	rs7519626	C	0.32	0.012	0.002	1.97E-09	0.013	0.008	1.80E-01
SmoIndex	rs7528604	G	0.57	0.014	0.002	2.56E-12	0.011	0.008	2.20E-01
SmoIndex	rs7553348	G	0.44	0.014	0.002	2.56E-12	-0.015	0.008	3.50E-02
SmoIndex	rs9435340	T	0.34	0.012	0.002	1.97E-09	0.011	0.008	2.20E-01
SmoIndex	rs12623702	A	0.61	-0.014	0.002	2.56E-12	-0.008	0.008	2.80E-01
SmoIndex	rs13009008	A	0.33	0.012	0.002	1.97E-09	-0.007	0.008	3.70E-01
SmoIndex	rs13016665	C	0.58	-0.012	0.002	1.97E-09	-0.014	0.008	6.70E-02
SmoIndex	rs2678670	A	0.49	0.013	0.002	8.03E-11	0.010	0.008	2.20E-01
SmoIndex	rs2867112	T	0.84	0.021	0.003	2.56E-12	-0.006	0.011	6.10E-01
SmoIndex	rs2890772	G	0.41	-0.020	0.002	1.52E-23	-0.003	0.008	7.20E-01
SmoIndex	rs359243	T	0.39	-0.013	0.002	8.03E-11	-0.024	0.008	3.50E-03
SmoIndex	rs3769949	T	0.53	-0.012	0.002	1.97E-09	-0.010	0.008	2.00E-01
SmoIndex	rs3811038	T	0.72	-0.014	0.002	2.56E-12	-0.019	0.009	3.90E-02
SmoIndex	rs4473348	A	0.25	-0.015	0.002	6.38E-14	0.010	0.009	2.10E-01
SmoIndex	rs4671357	T	0.52	-0.014	0.002	2.56E-12	-0.008	0.008	2.80E-01
SmoIndex	rs62135536	C	0.97	0.035	0.006	5.43E-09	0.029	0.022	1.10E-01
SmoIndex	rs62155874	A	0.87	-0.024	0.003	1.24E-15	-0.025	0.012	2.70E-02
SmoIndex	rs62175972	T	0.97	0.031	0.006	2.38E-07	-0.019	0.022	4.10E-01
SmoIndex	rs6741228	T	0.43	0.011	0.002	3.80E-08	-0.008	0.008	3.10E-01
SmoIndex	rs7569203	A	0.69	-0.016	0.002	1.24E-15	-0.015	0.008	3.70E-02
SmoIndex	rs326341	G	0.53	0.014	0.002	2.56E-12	-0.018	0.008	3.60E-02
SmoIndex	rs421983	T	0.52	0.013	0.002	8.03E-11	-0.009	0.008	2.30E-01
SmoIndex	rs6778080	T	0.27	0.016	0.002	1.24E-15	-0.008	0.009	3.30E-01
SmoIndex	rs6779302	G	0.63	-0.013	0.002	8.03E-11	0.009	0.008	1.80E-01
SmoIndex	rs73220544	A	0.84	-0.016	0.003	9.64E-08	-0.005	0.011	6.20E-01
SmoIndex	rs775758	A	0.43	0.012	0.002	1.97E-09	0.013	0.008	1.30E-01
SmoIndex	rs9842947	C	0.33	-0.013	0.002	8.03E-11	0.003	0.008	7.50E-01
SmoIndex	rs17576594	G	0.72	0.016	0.002	1.24E-15	-0.008	0.009	4.80E-01
SmoIndex	rs317021	T	0.81	-0.017	0.003	1.46E-08	-0.013	0.010	2.80E-01
SmoIndex	rs61796681	A	0.91	-0.019	0.004	2.03E-06	0.011	0.014	4.60E-01



SmolIndex	rs624833	T	0.70	0.013	0.002	8.03E-11	0.004	0.008	5.50E-01
SmolIndex	rs72678864	G	0.83	0.018	0.003	1.97E-09	0.016	0.010	1.10E-01
SmolIndex	rs10052591	T	0.57	0.012	0.002	1.97E-09	0.003	0.008	9.40E-01
SmolIndex	rs11948770	T	0.77	-0.015	0.002	6.38E-14	0.003	0.009	7.10E-01
SmolIndex	rs13153393	A	0.88	-0.020	0.003	2.62E-11	-0.018	0.012	1.40E-01
SmolIndex	rs2080870	A	0.26	0.012	0.002	1.97E-09	-0.001	0.009	7.60E-01
SmolIndex	rs245774	A	0.27	-0.013	0.002	8.03E-11	-0.016	0.009	8.00E-02
SmolIndex	rs329120	C	0.58	0.014	0.002	2.56E-12	0.017	0.008	3.20E-02
SmolIndex	rs4571506	C	0.54	0.011	0.002	3.80E-08	0.010	0.008	1.90E-01
SmolIndex	rs4957528	A	0.21	-0.015	0.002	6.38E-14	0.016	0.010	1.30E-01
SmolIndex	rs71627581	G	0.89	0.019	0.003	2.40E-10	0.006	0.012	6.20E-01
SmolIndex	rs986391	G	0.37	0.016	0.002	1.24E-15	0.012	0.008	2.30E-01
SmolIndex	rs12202536	A	0.51	-0.012	0.002	1.97E-09	-0.010	0.008	3.60E-01
SmolIndex	rs2254710	C	0.24	0.013	0.002	8.03E-11	-0.016	0.009	1.00E-01
SmolIndex	rs2894808	T	0.92	-0.022	0.004	3.80E-08	-0.018	0.015	2.10E-01
SmolIndex	rs6935954	A	0.42	0.014	0.002	2.56E-12	0.014	0.008	6.70E-02
SmolIndex	rs7766610	C	0.18	0.018	0.003	1.97E-09	-0.003	0.010	9.40E-01
SmolIndex	rs10226228	A	0.63	-0.016	0.002	1.24E-15	-0.020	0.008	3.00E-02
SmolIndex	rs10282292	C	0.36	0.013	0.002	8.03E-11	0.001	0.008	9.90E-01
SmolIndex	rs11768481	C	0.67	0.013	0.002	8.03E-11	0.006	0.008	5.70E-01
SmolIndex	rs1922018	C	0.36	0.014	0.002	2.56E-12	0.016	0.008	2.80E-02
SmolIndex	rs2401924	G	0.50	0.015	0.002	6.38E-14	-0.008	0.008	3.60E-01
SmolIndex	rs4731925	C	0.32	-0.012	0.002	1.97E-09	-0.001	0.008	8.50E-01
SmolIndex	rs6957896	C	0.50	-0.011	0.002	3.80E-08	-0.005	0.008	6.10E-01
SmolIndex	rs6962772	A	0.85	0.016	0.003	9.64E-08	0.043	0.011	8.40E-05
SmolIndex	rs7807019	A	0.54	-0.015	0.002	6.38E-14	0.000	0.008	9.50E-01
SmolIndex	rs11783093	C	0.84	0.023	0.003	1.77E-14	0.012	0.011	1.50E-01
SmolIndex	rs2062882	G	0.59	-0.012	0.002	1.97E-09	0.008	0.008	3.20E-01
SmolIndex	rs35169606	T	0.61	0.013	0.002	8.03E-11	-0.002	0.008	7.50E-01
SmolIndex	rs72674867	A	0.77	0.013	0.002	8.03E-11	0.014	0.009	1.30E-01
SmolIndex	rs113382419	C	0.89	-0.041	0.003	1.61E-42	-0.002	0.012	8.70E-01
SmolIndex	rs1221148	C	0.59	0.013	0.002	8.03E-11	0.009	0.008	2.10E-01
SmolIndex	rs1246265	T	0.31	-0.013	0.002	8.03E-11	0.005	0.008	4.80E-01
SmolIndex	rs13296519	G	0.61	-0.014	0.002	2.56E-12	0.000	0.008	7.50E-01
SmolIndex	rs4543592	T	0.52	-0.012	0.002	1.97E-09	0.001	0.008	8.30E-01
SmolIndex	rs7039819	G	0.43	0.013	0.002	8.03E-11	-0.004	0.008	7.70E-01
SmolIndex	rs10823968	A	0.63	0.012	0.002	1.97E-09	-0.006	0.008	4.40E-01
SmolIndex	rs11255908	T	0.74	-0.015	0.002	6.38E-14	-0.009	0.009	3.60E-01
SmolIndex	rs12244388	G	0.66	-0.019	0.002	2.10E-21	0.006	0.008	5.50E-01
SmolIndex	rs17553262	A	0.89	-0.018	0.003	1.97E-09	0.002	0.012	8.40E-01
SmolIndex	rs2675638	G	0.58	0.012	0.002	1.97E-09	0.022	0.008	5.50E-03
SmolIndex	rs3896224	A	0.59	0.014	0.002	2.56E-12	-0.001	0.008	9.30E-01
SmolIndex	rs7077678	C	0.62	0.012	0.002	1.97E-09	-0.003	0.008	7.60E-01
SmolIndex	rs112282219	G	0.96	-0.033	0.005	4.11E-11	0.026	0.020	2.20E-01
SmolIndex	rs17309874	G	0.74	-0.016	0.002	1.24E-15	-0.017	0.009	8.60E-02
SmolIndex	rs34866095	A	0.69	-0.012	0.002	1.97E-09	-0.002	0.008	6.40E-01
SmolIndex	rs4391802	A	0.71	0.015	0.002	6.38E-14	0.002	0.008	9.10E-01
SmolIndex	rs75742406	G	0.74	0.014	0.002	2.56E-12	-0.015	0.009	1.00E-01
SmolIndex	rs9919670	G	0.61	-0.022	0.002	3.82E-28	-0.002	0.008	9.60E-01
SmolIndex	rs10879871	T	0.34	-0.014	0.002	2.56E-12	-0.002	0.008	8.10E-01
SmolIndex	rs12831617	C	0.76	-0.013	0.002	8.03E-11	-0.014	0.009	1.60E-01
SmolIndex	rs7297175	T	0.43	-0.012	0.002	1.97E-09	-0.012	0.008	1.80E-01
SmolIndex	rs74086911	G	0.93	0.021	0.004	1.52E-07	0.005	0.015	6.30E-01
SmolIndex	rs6562474	C	0.65	0.012	0.002	1.97E-09	-0.014	0.008	7.60E-02
SmolIndex	rs7333559	G	0.21	0.015	0.002	6.38E-14	0.006	0.010	3.70E-01
SmolIndex	rs3742365	T	0.60	-0.016	0.002	1.24E-15	-0.013	0.008	8.30E-02

SmolIndex	rs7155595	A	0.67	-0.013	0.002	8.03E-11	0.001	0.008	9.80E-01
SmolIndex	rs860326	C	0.43	0.012	0.002	1.97E-09	0.019	0.008	2.10E-02
SmolIndex	rs28485305	C	0.63	0.012	0.002	1.97E-09	0.008	0.008	5.00E-01
SmolIndex	rs35175834	G	0.79	-0.024	0.002	3.55E-33	0.003	0.009	9.40E-01
SmolIndex	rs6598539	T	0.49	-0.012	0.002	1.97E-09	-0.002	0.008	9.90E-01
SmolIndex	rs8042134	T	0.54	-0.014	0.002	2.56E-12	0.005	0.008	6.30E-01
SmolIndex	rs8042849	T	0.34	0.028	0.002	1.56E-44	0.009	0.008	1.70E-01
SmolIndex	rs1050847	C	0.43	0.011	0.002	3.80E-08	-0.009	0.008	3.00E-01
SmolIndex	rs11861214	G	0.78	0.014	0.002	2.56E-12	0.018	0.009	2.80E-02
SmolIndex	rs12708665	A	0.29	-0.013	0.002	8.03E-11	-0.023	0.009	1.00E-02
SmolIndex	rs369230	G	0.31	-0.013	0.002	8.03E-11	-0.020	0.008	1.80E-02
SmolIndex	rs57611503	G	0.49	0.011	0.002	3.80E-08	0.010	0.008	1.80E-01
SmolIndex	rs60952428	T	0.91	0.019	0.003	2.40E-10	0.004	0.014	7.70E-01
SmolIndex	rs889398	C	0.59	0.013	0.002	8.03E-11	0.016	0.008	4.90E-02
SmolIndex	rs67596067	G	0.65	-0.013	0.002	8.03E-11	0.001	0.008	8.80E-01
SmolIndex	rs732083	G	0.33	0.012	0.002	1.97E-09	0.017	0.008	5.60E-02
SmolIndex	rs8614	C	0.82	-0.017	0.003	1.46E-08	-0.011	0.010	3.50E-01
SmolIndex	rs9904288	T	0.71	0.012	0.002	1.97E-09	0.004	0.008	6.20E-01
SmolIndex	rs12967855	A	0.33	0.012	0.002	1.97E-09	-0.003	0.008	7.60E-01
SmolIndex	rs62098013	G	0.64	-0.012	0.002	1.97E-09	0.005	0.008	5.80E-01
SmolIndex	rs71367545	G	0.79	-0.015	0.002	6.38E-14	0.010	0.010	3.90E-01
SmolIndex	rs35343344	C	0.73	0.013	0.002	8.03E-11	-0.008	0.009	3.70E-01
SmolIndex	rs76608582	C	0.95	0.031	0.005	5.65E-10	0.039	0.019	6.20E-02
SmolIndex	rs12481282	G	0.72	-0.013	0.002	8.03E-11	-0.002	0.009	8.90E-01
SmolIndex	rs348809	A	0.35	-0.012	0.002	1.97E-09	0.001	0.008	8.30E-01
SmolIndex	rs4814873	C	0.77	0.014	0.002	2.56E-12	0.001	0.009	9.60E-01
SmolIndex	rs6011779	C	0.19	0.028	0.003	1.03E-20	0.007	0.010	5.00E-01
SmolIndex	rs6119897	G	0.76	-0.018	0.002	2.26E-19	0.010	0.009	2.30E-01
SmolIndex	rs147412694	G	0.85	-0.017	0.003	1.46E-08	0.002	0.011	9.10E-01
SmolIndex	rs2838834	C	0.70	-0.013	0.002	8.03E-11	-0.006	0.008	4.10E-01
SmolIndex	rs136233	A	0.81	-0.014	0.003	3.06E-06	-0.008	0.010	3.40E-01
SmolIndex	rs202645	A	0.20	-0.015	0.002	6.38E-14	-0.006	0.010	4.40E-01
Smolnit	rs1008078	T	0.40	0.023	0.003	1.63E-18	0.009	0.008	2.90E-01
Smolnit	rs10789369	G	0.62	-0.023	0.003	3.38E-19	0.006	0.008	4.90E-01
Smolnit	rs10873871	G	0.21	0.017	0.003	2.86E-08	-0.012	0.009	2.60E-01
Smolnit	rs10914684	A	0.32	-0.016	0.003	6.43E-09	0.002	0.008	8.40E-01
Smolnit	rs11162019	T	0.36	-0.015	0.003	4.97E-09	0.001	0.008	9.70E-01
Smolnit	rs12022778	C	0.20	0.027	0.003	3.23E-17	0.028	0.009	2.50E-03
Smolnit	rs12027999	C	0.12	-0.024	0.004	5.20E-10	0.005	0.012	8.00E-01
Smolnit	rs12130857	A	0.32	-0.018	0.003	3.64E-11	-0.019	0.008	1.30E-02
Smolnit	rs12563365	A	0.56	0.017	0.003	1.06E-10	0.014	0.008	8.70E-02
Smolnit	rs12739243	C	0.22	-0.021	0.003	4.49E-12	-0.002	0.009	7.60E-01
Smolnit	rs12740789	A	0.18	-0.028	0.003	1.17E-17	-0.003	0.010	8.50E-01
Smolnit	rs12755632	G	0.32	-0.015	0.003	1.89E-08	-0.010	0.008	2.10E-01
Smolnit	rs147052174	T	0.02	0.062	0.010	2.29E-10	0.023	0.029	5.00E-01
Smolnit	rs1514176	A	0.58	-0.019	0.003	7.63E-14	0.014	0.008	6.70E-02
Smolnit	rs1889571	G	0.13	0.022	0.004	4.26E-09	-0.004	0.012	8.40E-01
Smolnit	rs1937443	G	0.56	0.020	0.003	1.78E-15	0.008	0.008	4.10E-01
Smolnit	rs2637869	A	0.30	0.018	0.003	6.38E-11	0.004	0.009	8.20E-01
Smolnit	rs2901785	A	0.45	-0.017	0.003	1.45E-11	0.004	0.008	6.50E-01
Smolnit	rs301807	G	0.57	0.018	0.003	2.56E-12	0.005	0.008	4.80E-01
Smolnit	rs35656245	A	0.28	0.016	0.003	2.21E-08	-0.025	0.009	2.20E-03
Smolnit	rs3820277	T	0.53	-0.019	0.003	1.55E-13	0.002	0.008	8.30E-01
Smolnit	rs45444697	G	0.21	0.020	0.003	2.67E-10	0.012	0.009	1.80E-01
Smolnit	rs4912332	T	0.49	0.014	0.003	3.01E-08	0.006	0.008	2.60E-01
Smolnit	rs876793	C	0.35	-0.018	0.003	5.76E-11	0.006	0.008	4.50E-01

Smolnit	rs925524	G	0.71	0.016	0.003	3.01E-08	0.009	0.008	2.80E-01
Smolnit	rs951740	A	0.63	0.030	0.003	3.07E-29	0.005	0.008	5.00E-01
Smolnit	rs1004787	A	0.55	0.028	0.003	1.39E-28	0.017	0.008	1.30E-02
Smolnit	rs1022376	C	0.52	-0.015	0.003	1.62E-08	-0.010	0.008	2.20E-01
Smolnit	rs10490159	T	0.39	0.017	0.003	3.83E-11	-0.007	0.008	3.70E-01
Smolnit	rs114976176	C	0.35	-0.016	0.003	6.11E-09	-0.012	0.008	2.00E-01
Smolnit	rs11692435	A	0.08	0.025	0.005	4.55E-08	0.015	0.015	3.60E-01
Smolnit	rs12474587	T	0.43	0.024	0.003	4.83E-21	0.007	0.008	4.70E-01
Smolnit	rs12714017	C	0.51	0.015	0.003	3.65E-09	0.003	0.008	6.30E-01
Smolnit	rs13007361	A	0.21	0.018	0.003	2.33E-08	0.013	0.010	2.10E-01
Smolnit	rs13392222	C	0.14	-0.023	0.004	1.97E-10	0.008	0.011	4.80E-01
Smolnit	rs1445649	C	0.54	0.021	0.003	8.29E-16	-0.012	0.008	9.40E-02
Smolnit	rs1518393	C	0.62	0.017	0.003	1.31E-10	0.015	0.008	8.00E-02
Smolnit	rs16826827	C	0.12	-0.022	0.004	9.22E-09	0.003	0.012	8.00E-01
Smolnit	rs17229285	T	0.51	-0.015	0.003	1.24E-09	0.013	0.008	1.40E-01
Smolnit	rs17616642	G	0.25	-0.017	0.003	2.10E-08	0.011	0.009	2.40E-01
Smolnit	rs1863161	A	0.56	0.015	0.003	2.30E-09	0.011	0.008	1.40E-01
Smolnit	rs1901477	G	0.51	0.030	0.003	2.00E-31	-0.001	0.008	9.20E-01
Smolnit	rs2539706	A	0.53	0.016	0.003	1.97E-10	0.003	0.008	5.10E-01
Smolnit	rs2710634	C	0.52	-0.018	0.003	3.30E-12	-0.002	0.008	7.40E-01
Smolnit	rs3115418	C	0.45	-0.014	0.003	2.72E-08	-0.009	0.008	2.20E-01
Smolnit	rs34399632	G	0.23	0.019	0.003	1.45E-10	-0.018	0.009	3.60E-02
Smolnit	rs357304	C	0.73	0.017	0.003	5.51E-09	0.001	0.009	8.50E-01
Smolnit	rs359247	T	0.64	0.022	0.003	9.85E-17	0.029	0.008	4.60E-04
Smolnit	rs3811038	C	0.28	0.019	0.003	1.61E-11	0.019	0.009	3.90E-02
Smolnit	rs4674916	A	0.33	-0.018	0.003	3.12E-11	-0.003	0.008	7.90E-01
Smolnit	rs4674993	G	0.20	-0.024	0.003	4.82E-14	-0.007	0.010	4.80E-01
Smolnit	rs56208390	G	0.12	0.022	0.004	2.72E-08	-0.008	0.012	6.40E-01
Smolnit	rs61533748	C	0.38	0.017	0.003	2.82E-11	-0.003	0.008	7.00E-01
Smolnit	rs62106258	C	0.05	-0.045	0.006	3.38E-14	-0.043	0.018	2.00E-02
Smolnit	rs62137126	G	0.12	-0.024	0.004	1.31E-09	-0.017	0.012	1.40E-01
Smolnit	rs62180324	A	0.21	-0.020	0.003	3.83E-10	0.016	0.009	1.10E-01
Smolnit	rs62193862	A	0.10	0.024	0.004	1.99E-08	-0.003	0.013	8.60E-01
Smolnit	rs6731872	G	0.83	0.032	0.003	5.35E-21	-0.005	0.010	6.50E-01
Smolnit	rs6750107	A	0.39	0.015	0.003	2.58E-08	0.006	0.008	4.90E-01
Smolnit	rs6750529	T	0.74	0.020	0.003	9.16E-12	-0.010	0.009	2.00E-01
Smolnit	rs6756212	T	0.54	-0.034	0.003	3.62E-40	-0.002	0.008	7.00E-01
Smolnit	rs72790288	A	0.03	-0.046	0.008	3.30E-09	-0.009	0.023	7.60E-01
Smolnit	rs7598402	G	0.49	-0.015	0.003	7.50E-09	-0.010	0.008	2.50E-01
Smolnit	rs7600835	A	0.34	-0.015	0.003	1.80E-08	-0.011	0.008	2.20E-01
Smolnit	rs10446419	G	0.21	-0.020	0.003	4.94E-10	-0.006	0.010	3.80E-01
Smolnit	rs10935779	T	0.42	-0.014	0.003	3.01E-08	-0.006	0.008	4.10E-01
Smolnit	rs11128203	A	0.53	0.020	0.003	1.31E-15	0.017	0.008	2.30E-02
Smolnit	rs11713899	C	0.17	0.019	0.003	3.17E-08	-0.003	0.010	8.20E-01
Smolnit	rs1187820	T	0.44	-0.014	0.003	2.72E-08	-0.005	0.008	5.50E-01
Smolnit	rs12633090	C	0.18	-0.023	0.003	3.14E-12	0.001	0.010	7.20E-01
Smolnit	rs13066050	T	0.21	0.019	0.003	1.97E-09	0.019	0.010	7.30E-02
Smolnit	rs1449012	T	0.46	-0.015	0.003	1.78E-09	-0.012	0.008	2.10E-01
Smolnit	rs1549979	T	0.62	-0.025	0.003	8.87E-21	-0.001	0.008	1.00E+00
Smolnit	rs16828799	T	0.16	0.020	0.004	1.80E-08	-0.017	0.011	1.30E-01
Smolnit	rs1714521	C	0.41	-0.016	0.003	3.12E-10	-0.004	0.008	6.60E-01
Smolnit	rs221988	C	0.38	-0.015	0.003	1.39E-08	0.006	0.008	4.70E-01
Smolnit	rs2276825	C	0.25	0.019	0.003	1.87E-10	0.002	0.009	6.20E-01
Smolnit	rs2279829	T	0.22	-0.017	0.003	1.99E-08	-0.008	0.009	3.20E-01
Smolnit	rs2306866	T	0.61	-0.017	0.003	1.87E-10	-0.001	0.008	7.70E-01
Smolnit	rs2319545	A	0.15	0.023	0.004	8.24E-11	0.010	0.011	5.30E-01

Smolnit	rs2526390	T	0.33	0.020	0.003	3.56E-14	0.001	0.008	8.00E-01
Smolnit	rs2734390	G	0.37	0.015	0.003	2.10E-08	-0.001	0.008	6.30E-01
Smolnit	rs3172494	T	0.12	-0.029	0.004	3.34E-13	0.001	0.013	9.90E-01
Smolnit	rs4543050	T	0.82	0.022	0.003	1.45E-11	0.010	0.010	4.20E-01
Smolnit	rs62246017	A	0.32	-0.016	0.003	2.98E-09	-0.009	0.008	2.70E-01
Smolnit	rs6437769	T	0.58	0.014	0.003	3.70E-08	0.003	0.008	6.40E-01
Smolnit	rs6438436	T	0.82	0.025	0.003	5.34E-14	0.003	0.010	9.30E-01
Smolnit	rs6782116	T	0.42	-0.015	0.003	1.46E-08	-0.003	0.008	8.30E-01
Smolnit	rs73831818	G	0.06	0.032	0.005	5.51E-09	0.024	0.016	1.60E-01
Smolnit	rs748832	G	0.37	0.017	0.003	6.72E-11	-0.006	0.008	3.20E-01
Smolnit	rs7631379	C	0.21	0.021	0.003	4.03E-11	-0.001	0.010	9.60E-01
Smolnit	rs7640107	T	0.43	-0.014	0.003	3.52E-08	-0.020	0.008	7.50E-03
Smolnit	rs9288999	A	0.74	0.017	0.003	1.53E-09	-0.006	0.009	4.60E-01
Smolnit	rs9826984	A	0.54	-0.014	0.003	3.90E-08	-0.006	0.008	3.80E-01
Smolnit	rs9841807	T	0.27	0.016	0.003	1.32E-08	-0.005	0.009	5.80E-01
Smolnit	rs9850597	A	0.82	-0.019	0.003	1.62E-08	-0.007	0.010	4.60E-01
Smolnit	rs1116690	G	0.74	0.016	0.003	2.21E-08	-0.008	0.009	2.50E-01
Smolnit	rs112725451	T	0.17	0.026	0.003	1.66E-14	-0.010	0.010	5.80E-01
Smolnit	rs1160685	G	0.45	0.015	0.003	2.30E-09	-0.013	0.008	1.00E-01
Smolnit	rs13109980	A	0.33	-0.022	0.003	3.33E-16	-0.016	0.008	4.70E-02
Smolnit	rs13110073	C	0.40	-0.025	0.003	3.23E-21	0.001	0.008	9.50E-01
Smolnit	rs1435479	T	0.29	0.016	0.003	5.80E-09	0.004	0.008	6.40E-01
Smolnit	rs3934797	A	0.18	-0.021	0.003	1.12E-10	-0.012	0.010	1.80E-01
Smolnit	rs4140932	A	0.43	-0.014	0.003	4.79E-08	-0.015	0.008	5.50E-02
Smolnit	rs55944129	C	0.27	-0.018	0.003	1.07E-09	-0.005	0.009	7.10E-01
Smolnit	rs58400863	A	0.35	-0.020	0.003	4.82E-14	0.005	0.008	4.90E-01
Smolnit	rs59537158	T	0.21	0.022	0.003	4.53E-13	0.011	0.009	2.60E-01
Smolnit	rs62340589	C	0.20	0.017	0.003	4.32E-08	0.011	0.010	2.20E-01
Smolnit	rs71602617	T	0.22	-0.018	0.003	2.10E-08	0.001	0.010	8.10E-01
Smolnit	rs7657022	G	0.49	0.018	0.003	7.16E-13	0.007	0.008	2.90E-01
Smolnit	rs7696257	A	0.37	0.015	0.003	6.77E-09	-0.008	0.008	3.00E-01
Smolnit	rs10042827	C	0.68	0.017	0.003	9.62E-10	0.014	0.008	7.20E-02
Smolnit	rs10060196	A	0.58	0.018	0.003	1.32E-12	-0.017	0.008	5.10E-02
Smolnit	rs10805858	T	0.34	0.018	0.003	1.87E-11	0.002	0.008	9.90E-01
Smolnit	rs1173461	T	0.33	0.017	0.003	9.62E-10	-0.011	0.008	1.50E-01
Smolnit	rs11956866	G	0.57	-0.015	0.003	7.90E-09	-0.003	0.008	7.30E-01
Smolnit	rs12517438	G	0.54	0.015	0.003	1.87E-09	-0.002	0.008	7.80E-01
Smolnit	rs1385108	T	0.24	0.019	0.003	3.83E-10	0.019	0.009	4.30E-02
Smolnit	rs17165769	G	0.39	0.016	0.003	9.62E-10	0.003	0.008	6.40E-01
Smolnit	rs2028269	A	0.40	0.016	0.003	5.20E-10	-0.015	0.008	7.60E-02
Smolnit	rs2173019	A	0.18	0.028	0.003	2.92E-17	0.020	0.010	5.70E-02
Smolnit	rs329124	G	0.43	-0.016	0.003	1.97E-10	-0.017	0.008	2.90E-02
Smolnit	rs35375873	C	0.11	-0.027	0.004	3.28E-11	-0.001	0.012	8.90E-01
Smolnit	rs359431	T	0.56	-0.014	0.003	3.17E-08	0.006	0.008	5.90E-01
Smolnit	rs3843905	T	0.40	-0.015	0.003	5.51E-09	-0.005	0.008	5.90E-01
Smolnit	rs3909281	G	0.54	0.021	0.003	1.63E-16	0.015	0.008	6.00E-02
Smolnit	rs4044321	G	0.64	-0.023	0.003	1.76E-17	-0.013	0.008	1.60E-01
Smolnit	rs42417	T	0.69	0.017	0.003	8.25E-10	-0.006	0.008	4.80E-01
Smolnit	rs6452785	T	0.47	-0.027	0.003	5.92E-26	-0.011	0.008	1.40E-01
Smolnit	rs6874731	G	0.48	0.015	0.003	1.87E-09	-0.009	0.008	2.90E-01
Smolnit	rs6890961	T	0.62	-0.019	0.003	2.11E-13	0.011	0.008	1.50E-01
Smolnit	rs71592686	C	0.27	0.021	0.003	3.89E-13	0.001	0.009	9.30E-01
Smolnit	rs72780746	C	0.17	-0.026	0.003	2.03E-14	-0.016	0.010	1.50E-01
Smolnit	rs72789626	A	0.14	-0.026	0.004	5.23E-12	0.003	0.011	8.40E-01
Smolnit	rs986714	T	0.45	-0.016	0.003	4.03E-10	-0.005	0.008	6.90E-01
Smolnit	rs10698713	A	0.05	-0.034	0.006	2.42E-09	0.000	0.017	9.40E-01

Smolnit	rs10945141	A	0.26	0.018	0.003	3.63E-10	-0.008	0.009	3.00E-01
Smolnit	rs1150668	G	0.42	-0.019	0.003	8.34E-13	-0.002	0.008	9.20E-01
Smolnit	rs118202	T	0.81	-0.037	0.003	1.86E-29	0.002	0.010	9.90E-01
Smolnit	rs12195240	A	0.29	0.025	0.003	1.08E-18	-0.008	0.009	3.70E-01
Smolnit	rs160631	G	0.73	-0.017	0.003	1.87E-09	0.005	0.009	6.70E-01
Smolnit	rs1632941	C	0.46	-0.016	0.003	6.72E-10	-0.014	0.008	5.90E-02
Smolnit	rs1737329	G	0.74	0.017	0.003	4.97E-09	-0.004	0.009	6.40E-01
Smolnit	rs17554906	C	0.44	0.014	0.003	3.17E-08	0.002	0.008	7.50E-01
Smolnit	rs3218116	T	0.26	-0.020	0.003	1.07E-11	0.003	0.009	9.50E-01
Smolnit	rs3800227	G	0.74	0.017	0.003	3.65E-09	-0.013	0.009	1.70E-01
Smolnit	rs619087	G	0.42	0.014	0.003	3.17E-08	-0.001	0.008	8.10E-01
Smolnit	rs6568832	A	0.75	0.019	0.003	1.77E-10	-0.015	0.009	1.10E-01
Smolnit	rs6936160	T	0.70	0.020	0.003	4.30E-13	0.007	0.008	4.80E-01
Smolnit	rs73008357	C	0.12	-0.022	0.004	2.45E-08	0.000	0.012	9.10E-01
Smolnit	rs7743165	G	0.50	0.019	0.003	4.14E-14	0.011	0.008	2.50E-01
Smolnit	rs9331343	C	0.57	-0.014	0.003	3.90E-08	0.011	0.008	1.40E-01
Smolnit	rs10233018	G	0.52	0.025	0.003	4.73E-22	0.000	0.008	9.80E-01
Smolnit	rs10279261	A	0.62	-0.019	0.003	6.15E-13	0.004	0.008	8.80E-01
Smolnit	rs1030015	T	0.52	0.014	0.003	2.10E-08	-0.004	0.008	6.10E-01
Smolnit	rs10953957	A	0.39	0.014	0.003	3.70E-08	-0.004	0.008	6.20E-01
Smolnit	rs11766326	C	0.51	-0.018	0.003	1.78E-11	-0.001	0.008	8.50E-01
Smolnit	rs11768481	A	0.34	-0.019	0.003	5.23E-12	-0.006	0.008	5.70E-01
Smolnit	rs13237637	C	0.49	-0.024	0.003	1.55E-20	-0.004	0.008	6.30E-01
Smolnit	rs13437771	G	0.16	-0.027	0.004	1.35E-14	-0.042	0.011	9.10E-05
Smolnit	rs1799068	T	0.38	0.017	0.003	2.54E-10	-0.011	0.008	9.70E-02
Smolnit	rs4727189	C	0.34	0.015	0.003	3.01E-08	0.001	0.008	9.90E-01
Smolnit	rs6948707	G	0.42	0.024	0.003	4.15E-21	0.004	0.008	5.80E-01
Smolnit	rs6968380	A	0.68	-0.023	0.003	1.06E-17	0.002	0.008	8.70E-01
Smolnit	rs76841737	G	0.10	-0.023	0.004	3.34E-08	0.000	0.013	9.50E-01
Smolnit	rs77283305	A	0.31	-0.015	0.003	3.90E-08	0.000	0.008	9.00E-01
Smolnit	rs7802996	T	0.17	-0.021	0.003	1.07E-09	-0.008	0.010	6.00E-01
Smolnit	rs7809303	A	0.33	-0.021	0.003	3.43E-15	0.022	0.008	9.50E-03
Smolnit	rs11783093	T	0.16	-0.047	0.003	1.77E-41	-0.012	0.011	1.50E-01
Smolnit	rs13261666	T	0.52	-0.020	0.003	4.43E-15	-0.014	0.008	5.50E-02
Smolnit	rs2063976	T	0.66	-0.020	0.003	7.63E-14	0.000	0.008	8.50E-01
Smolnit	rs290601	T	0.27	0.016	0.003	1.13E-08	-0.004	0.009	6.50E-01
Smolnit	rs3850736	G	0.47	0.019	0.003	6.55E-14	-0.013	0.008	1.40E-01
Smolnit	rs4326350	G	0.49	-0.018	0.003	5.23E-12	-0.004	0.008	5.20E-01
Smolnit	rs6986430	C	0.22	-0.024	0.003	1.96E-15	-0.009	0.009	3.10E-01
Smolnit	rs7836565	T	0.72	-0.016	0.003	4.32E-08	0.005	0.009	5.30E-01
Smolnit	rs9987376	G	0.57	-0.020	0.003	1.96E-15	-0.018	0.008	1.50E-02
Smolnit	rs10858334	G	0.14	0.023	0.004	1.18E-09	-0.021	0.011	8.70E-02
Smolnit	rs10966092	C	0.27	-0.020	0.003	1.13E-12	-0.008	0.009	3.70E-01
Smolnit	rs10969352	A	0.50	0.014	0.003	1.80E-08	-0.005	0.008	4.40E-01
Smolnit	rs11791671	T	0.07	0.028	0.005	4.32E-08	0.001	0.015	9.00E-01
Smolnit	rs1759433	A	0.48	0.015	0.003	1.69E-09	-0.008	0.008	2.00E-01
Smolnit	rs1927901	C	0.55	-0.014	0.003	3.17E-08	0.012	0.008	1.00E-01
Smolnit	rs1930371	T	0.24	-0.017	0.003	7.13E-09	0.004	0.009	5.00E-01
Smolnit	rs1931431	C	0.48	0.018	0.003	8.78E-13	0.006	0.008	3.30E-01
Smolnit	rs2378662	A	0.54	0.015	0.003	2.68E-09	0.005	0.008	4.40E-01
Smolnit	rs34553878	G	0.11	0.025	0.004	1.18E-09	0.005	0.013	5.80E-01
Smolnit	rs3847244	T	0.47	0.019	0.003	2.59E-13	-0.004	0.008	5.70E-01
Smolnit	rs4837631	T	0.45	-0.015	0.003	2.08E-09	-0.014	0.008	6.70E-02
Smolnit	rs4877285	A	0.67	-0.018	0.003	2.07E-11	0.008	0.008	4.10E-01
Smolnit	rs7024924	C	0.17	0.019	0.003	1.89E-08	0.016	0.010	1.40E-01
Smolnit	rs7026534	G	0.70	-0.017	0.003	2.68E-09	-0.015	0.008	3.80E-02

Smolnit	rs7867822	G	0.67	-0.015	0.003	2.72E-08	-0.004	0.008	4.90E-01
Smolnit	rs10885480	C	0.28	-0.019	0.003	3.83E-11	0.001	0.009	9.40E-01
Smolnit	rs10905461	C	0.75	-0.016	0.003	2.33E-08	-0.008	0.009	3.90E-01
Smolnit	rs11192347	A	0.10	-0.026	0.004	6.07E-10	-0.013	0.012	2.90E-01
Smolnit	rs11258417	T	0.39	-0.015	0.003	2.72E-08	-0.004	0.008	5.50E-01
Smolnit	rs11594623	C	0.23	0.027	0.003	7.42E-20	-0.003	0.009	5.20E-01
Smolnit	rs12244388	A	0.35	0.026	0.003	4.27E-22	-0.006	0.008	5.50E-01
Smolnit	rs1291821	G	0.53	0.014	0.003	1.39E-08	0.002	0.008	8.50E-01
Smolnit	rs1733760	C	0.51	0.015	0.003	6.77E-09	-0.008	0.008	4.30E-01
Smolnit	rs2796793	A	0.45	0.014	0.003	1.54E-08	0.002	0.008	8.80E-01
Smolnit	rs28408682	G	0.60	0.017	0.003	1.45E-10	0.001	0.008	8.90E-01
Smolnit	rs4752018	A	0.23	0.019	0.003	4.46E-10	0.017	0.009	1.20E-01
Smolnit	rs7072776	G	0.71	-0.022	0.003	5.71E-15	-0.013	0.009	1.90E-01
Smolnit	rs7920501	A	0.47	-0.016	0.003	1.24E-09	0.002	0.008	8.30E-01
Smolnit	rs7921378	C	0.48	-0.023	0.003	6.06E-20	0.003	0.008	5.80E-01
Smolnit	rs9423279	G	0.65	-0.019	0.003	2.98E-12	-0.007	0.008	3.50E-01
Smolnit	rs1106363	T	0.34	0.017	0.003	9.13E-11	0.009	0.008	2.20E-01
Smolnit	rs1381775	C	0.71	-0.016	0.003	2.86E-08	-0.004	0.009	5.00E-01
Smolnit	rs1713676	G	0.52	-0.017	0.003	5.47E-11	0.013	0.008	1.00E-01
Smolnit	rs2010921	A	0.31	0.017	0.003	2.41E-10	-0.003	0.008	6.90E-01
Smolnit	rs2155646	C	0.40	0.038	0.003	8.31E-48	0.002	0.008	9.50E-01
Smolnit	rs238896	A	0.49	-0.017	0.003	3.64E-11	0.015	0.008	2.90E-02
Smolnit	rs2939756	A	0.48	-0.016	0.003	7.45E-10	-0.002	0.008	8.00E-01
Smolnit	rs2959084	A	0.70	0.017	0.003	9.62E-10	0.003	0.009	5.20E-01
Smolnit	rs3740977	C	0.17	0.019	0.003	1.19E-08	-0.023	0.010	2.80E-02
Smolnit	rs540860	G	0.54	0.018	0.003	5.79E-12	-0.003	0.008	7.10E-01
Smolnit	rs586699	A	0.54	-0.015	0.003	7.13E-09	0.007	0.008	4.80E-01
Smolnit	rs61884449	T	0.15	0.020	0.004	2.33E-08	-0.005	0.011	7.20E-01
Smolnit	rs61886926	T	0.38	-0.018	0.003	7.47E-12	0.002	0.008	7.10E-01
Smolnit	rs62618693	T	0.04	-0.035	0.006	2.10E-08	-0.034	0.019	1.00E-01
Smolnit	rs6265	T	0.19	-0.029	0.003	2.76E-19	-0.034	0.010	1.40E-03
Smolnit	rs644740	T	0.46	-0.014	0.003	3.70E-08	-0.010	0.008	2.50E-01
Smolnit	rs76460663	G	0.04	-0.042	0.006	4.24E-11	0.012	0.020	4.20E-01
Smolnit	rs7929518	G	0.77	0.019	0.003	2.54E-10	0.008	0.009	3.40E-01
Smolnit	rs7943721	A	0.83	-0.021	0.003	3.63E-10	-0.002	0.010	9.70E-01
Smolnit	rs11057005	G	0.44	-0.016	0.003	9.14E-10	-0.005	0.008	4.70E-01
Smolnit	rs1109480	A	0.38	-0.017	0.003	1.87E-10	-0.003	0.008	8.30E-01
Smolnit	rs11611651	A	0.09	0.027	0.005	2.08E-09	-0.012	0.014	4.40E-01
Smolnit	rs13906	T	0.11	-0.025	0.004	1.97E-09	-0.006	0.013	5.90E-01
Smolnit	rs4759229	G	0.66	0.016	0.003	6.43E-09	0.015	0.008	8.70E-02
Smolnit	rs7134009	C	0.29	-0.016	0.003	4.32E-08	-0.011	0.009	2.20E-01
Smolnit	rs77215829	C	0.13	-0.024	0.004	2.07E-10	-0.018	0.011	1.10E-01
Smolnit	rs7969559	G	0.71	-0.017	0.003	1.53E-09	0.001	0.009	5.40E-01
Smolnit	rs1108130	A	0.21	0.024	0.003	1.58E-14	0.003	0.010	8.80E-01
Smolnit	rs12855717	T	0.54	0.016	0.003	1.24E-09	0.004	0.008	6.20E-01
Smolnit	rs17197663	A	0.13	-0.022	0.004	2.10E-08	0.004	0.011	6.50E-01
Smolnit	rs1772572	A	0.32	-0.017	0.003	5.76E-10	0.013	0.008	1.40E-01
Smolnit	rs4264267	T	0.53	0.015	0.003	6.77E-09	0.000	0.008	1.00E+00
Smolnit	rs4886207	C	0.64	-0.016	0.003	8.68E-10	0.012	0.008	2.20E-01
Smolnit	rs55786907	G	0.16	0.019	0.003	1.80E-08	0.006	0.011	5.20E-01
Smolnit	rs61959481	A	0.21	-0.020	0.003	7.83E-11	0.010	0.010	3.50E-01
Smolnit	rs7333559	A	0.78	-0.023	0.003	5.91E-14	-0.006	0.010	3.70E-01
Smolnit	rs75674569	A	0.10	-0.025	0.004	2.55E-09	0.004	0.013	6.40E-01
Smolnit	rs9538162	C	0.42	0.017	0.003	1.78E-11	-0.013	0.008	9.80E-02
Smolnit	rs9540731	T	0.51	-0.018	0.003	3.48E-12	-0.008	0.008	3.50E-01
Smolnit	rs9545155	C	0.48	-0.016	0.003	2.96E-10	-0.004	0.008	5.50E-01



Smolnit	rs12878369	A	0.41	0.017	0.003	1.61E-11	0.011	0.008	2.20E-01
Smolnit	rs1381287	T	0.47	0.018	0.003	1.79E-12	-0.004	0.008	6.20E-01
Smolnit	rs1811739	A	0.25	0.018	0.003	6.07E-10	0.009	0.009	2.90E-01
Smolnit	rs2925128	T	0.39	0.017	0.003	3.63E-10	0.001	0.008	9.00E-01
Smolnit	rs34940743	G	0.35	0.016	0.003	2.83E-09	0.023	0.008	3.10E-03
Smolnit	rs55913542	T	0.18	0.019	0.003	3.17E-08	0.009	0.010	3.20E-01
Smolnit	rs8005334	G	0.36	0.017	0.003	3.45E-10	0.008	0.008	3.20E-01
Smolnit	rs9323328	G	0.54	-0.014	0.003	2.58E-08	0.000	0.008	1.00E+00
Smolnit	rs1435672	C	0.56	0.014	0.003	3.90E-08	0.006	0.008	4.40E-01
Smolnit	rs2289791	T	0.25	-0.018	0.003	1.97E-09	-0.006	0.009	6.10E-01
Smolnit	rs281296	A	0.36	0.025	0.003	1.63E-20	0.000	0.008	7.20E-01
Smolnit	rs4310804	G	0.25	-0.018	0.003	7.45E-10	-0.003	0.009	7.30E-01
Smolnit	rs56902655	G	0.14	-0.022	0.004	4.05E-09	0.004	0.011	6.60E-01
Smolnit	rs60833441	G	0.46	-0.014	0.003	2.33E-08	-0.003	0.008	9.50E-01
Smolnit	rs62007780	T	0.42	-0.016	0.003	7.45E-10	0.001	0.008	8.80E-01
Smolnit	rs8027457	C	0.51	0.015	0.003	1.87E-09	0.002	0.008	9.90E-01
Smolnit	rs1050847	T	0.56	-0.015	0.003	7.50E-09	0.009	0.008	3.00E-01
Smolnit	rs11076962	C	0.28	0.018	0.003	1.18E-10	0.034	0.009	3.10E-05
Smolnit	rs1139897	A	0.23	-0.024	0.003	1.78E-15	-0.018	0.009	3.20E-02
Smolnit	rs11642231	A	0.37	-0.016	0.003	3.47E-09	-0.009	0.008	3.30E-01
Smolnit	rs117657830	G	0.04	-0.038	0.006	3.13E-09	-0.022	0.019	1.80E-01
Smolnit	rs12918191	G	0.24	-0.020	0.003	3.12E-11	0.016	0.009	1.00E-01
Smolnit	rs4785187	A	0.22	0.020	0.003	6.72E-11	0.010	0.009	2.90E-01
Smolnit	rs4788676	C	0.23	-0.018	0.003	4.97E-09	0.004	0.009	7.00E-01
Smolnit	rs62052916	T	0.07	-0.032	0.005	1.60E-10	0.005	0.015	7.90E-01
Smolnit	rs6497840	A	0.71	0.023	0.003	1.96E-15	0.003	0.009	5.70E-01
Smolnit	rs7188873	G	0.61	0.020	0.003	8.57E-15	0.015	0.008	5.10E-02
Smolnit	rs7192140	C	0.50	-0.017	0.003	3.46E-11	-0.005	0.008	5.60E-01
Smolnit	rs8050598	T	0.25	0.019	0.003	1.77E-10	0.013	0.009	2.10E-01
Smolnit	rs9302604	G	0.44	0.019	0.003	3.34E-13	0.002	0.008	7.60E-01
Smolnit	rs9922607	T	0.20	-0.022	0.003	3.48E-12	-0.002	0.010	8.00E-01
Smolnit	rs9941217	G	0.35	-0.019	0.003	3.48E-12	0.000	0.008	9.70E-01
Smolnit	rs11651955	A	0.50	-0.014	0.003	3.70E-08	0.000	0.008	7.90E-01
Smolnit	rs17692129	T	0.33	0.020	0.003	4.53E-13	-0.007	0.008	4.50E-01
Smolnit	rs2344976	C	0.61	-0.015	0.003	7.90E-09	-0.009	0.008	3.10E-01
Smolnit	rs2587507	C	0.50	-0.015	0.003	8.75E-09	0.015	0.008	5.30E-02
Smolnit	rs28441558	C	0.06	-0.036	0.006	1.24E-10	0.022	0.016	1.90E-01
Smolnit	rs4790874	T	0.53	0.017	0.003	8.27E-12	-0.007	0.008	4.20E-01
Smolnit	rs67777803	T	0.17	-0.025	0.003	3.17E-13	0.006	0.010	4.60E-01
Smolnit	rs75919030	C	0.27	-0.021	0.003	3.34E-13	0.012	0.009	3.30E-01
Smolnit	rs11872397	A	0.25	-0.017	0.003	5.24E-09	0.004	0.009	6.20E-01
Smolnit	rs1373178	G	0.59	-0.020	0.003	4.21E-15	-0.006	0.008	5.50E-01
Smolnit	rs2359180	G	0.37	-0.014	0.003	5.04E-08	0.000	0.013	9.70E-01
Smolnit	rs34342129	C	0.51	-0.014	0.003	2.10E-08	0.004	0.008	5.90E-01
Smolnit	rs4476253	A	0.24	-0.018	0.003	5.76E-10	-0.002	0.009	9.30E-01
Smolnit	rs62098013	A	0.37	0.018	0.003	2.18E-11	-0.005	0.008	5.80E-01
Smolnit	rs67050670	G	0.23	-0.020	0.003	2.30E-11	-0.030	0.009	8.30E-04
Smolnit	rs71367544	T	0.20	0.021	0.003	8.67E-11	-0.009	0.010	4.20E-01
Smolnit	rs72898831	G	0.16	-0.024	0.004	4.05E-12	-0.011	0.010	3.40E-01
Smolnit	rs72938304	A	0.11	-0.027	0.004	1.38E-11	0.013	0.012	2.30E-01
Smolnit	rs7505855	T	0.59	-0.017	0.003	5.20E-11	-0.005	0.008	6.20E-01
Smolnit	rs8096225	C	0.70	0.016	0.003	2.58E-08	-0.005	0.008	5.00E-01
Smolnit	rs10853981	A	0.33	0.015	0.003	4.79E-08	0.020	0.008	2.10E-02
Smolnit	rs1126757	T	0.47	0.014	0.003	2.86E-08	0.003	0.008	6.30E-01
Smolnit	rs113230003	A	0.26	-0.019	0.003	1.06E-10	0.011	0.009	2.10E-01
Smolnit	rs117734003	C	0.07	0.030	0.005	2.55E-09	0.034	0.016	2.70E-02



Smolnit	rs76608582	A	0.05	-0.035	0.006	4.97E-09	-0.039	0.019	6.20E-02
Smolnit	rs8103660	C	0.35	0.016	0.003	2.98E-09	0.002	0.008	6.90E-01
Smolnit	rs3810496	C	0.62	0.016	0.003	1.53E-09	0.019	0.008	1.00E-02
Smolnit	rs6011779	T	0.81	-0.019	0.003	2.83E-09	-0.007	0.010	5.00E-01
Smolnit	rs6050446	G	0.97	0.054	0.008	8.78E-13	0.034	0.022	1.10E-01
Smolnit	rs6073075	A	0.82	-0.019	0.003	2.45E-08	-0.013	0.010	2.00E-01
Smolnit	rs910912	C	0.74	-0.017	0.003	7.90E-09	0.013	0.009	1.50E-01
Smolnit	rs4818005	A	0.58	-0.020	0.003	1.10E-14	0.002	0.008	9.40E-01
Smolnit	rs4822102	T	0.62	-0.017	0.003	2.81E-10	0.014	0.008	6.50E-02
Smolnit	rs9627272	C	0.41	-0.015	0.003	2.42E-09	0.008	0.008	2.30E-01
T2DM	rs10159026	C	0.75	0.027	0.005	2.94E-09	0.009	0.009	2.40E-01
T2DM	rs10737818	G	0.62	0.035	0.005	1.29E-11	0.004	0.008	4.10E-01
T2DM	rs10889560	C	0.89	-0.038	0.006	2.40E-09	-0.004	0.014	8.60E-01
T2DM	rs10916780	G	0.25	-0.034	0.005	1.05E-13	0.001	0.010	9.80E-01
T2DM	rs11240351	G	0.47	0.026	0.004	1.55E-10	0.004	0.008	5.10E-01
T2DM	rs1127215	C	0.60	0.041	0.004	4.37E-26	-0.011	0.008	8.70E-02
T2DM	rs11583755	C	0.33	0.037	0.004	2.26E-19	-0.005	0.008	6.10E-01
T2DM	rs1194592	G	0.47	-0.024	0.004	5.47E-10	-0.018	0.008	2.40E-02
T2DM	rs12041243	G	0.24	-0.029	0.005	4.55E-10	-0.023	0.010	3.30E-02
T2DM	rs12116935	G	0.35	0.024	0.004	1.82E-08	0.004	0.008	5.80E-01
T2DM	rs12128213	G	0.47	-0.026	0.004	1.09E-09	-0.004	0.008	4.80E-01
T2DM	rs12746673	C	0.21	0.031	0.005	3.26E-10	0.003	0.009	1.00E+00
T2DM	rs1327123	G	0.64	-0.024	0.004	5.47E-10	-0.003	0.008	7.50E-01
T2DM	rs145904381	C	0.01	-0.161	0.022	3.56E-13	-0.049	0.036	2.30E-01
T2DM	rs197374	C	0.59	-0.022	0.004	9.27E-09	-0.006	0.008	6.00E-01
T2DM	rs2269247	C	0.81	0.036	0.005	3.72E-13	-0.001	0.010	9.60E-01
T2DM	rs2282456	G	0.72	-0.035	0.004	6.43E-17	0.004	0.008	3.90E-01
T2DM	rs2453051	C	0.15	0.061	0.006	1.80E-23	0.000	0.013	8.90E-01
T2DM	rs2613499	G	0.20	-0.036	0.005	7.43E-12	-0.003	0.010	8.50E-01
T2DM	rs2816177	G	0.40	0.022	0.004	9.27E-09	-0.011	0.008	1.90E-01
T2DM	rs2820446	G	0.30	-0.041	0.004	3.31E-22	-0.024	0.008	5.80E-03
T2DM	rs3020781	G	0.37	0.029	0.004	8.08E-12	0.024	0.009	2.50E-03
T2DM	rs340874	C	0.50	0.054	0.004	4.59E-44	0.015	0.008	3.50E-02
T2DM	rs348330	G	0.45	0.050	0.005	3.46E-20	0.012	0.008	9.80E-02
T2DM	rs3753693	C	0.55	0.026	0.004	1.83E-10	-0.003	0.008	8.90E-01
T2DM	rs4129858	G	0.42	0.022	0.004	4.40E-09	-0.007	0.008	3.80E-01
T2DM	rs41304257	G	0.24	-0.032	0.005	1.32E-11	-0.001	0.009	9.10E-01
T2DM	rs4655617	C	0.48	0.026	0.004	1.55E-10	0.013	0.008	1.00E-01
T2DM	rs4658234	G	0.77	-0.030	0.005	7.28E-09	0.013	0.009	3.40E-01
T2DM	rs539515	C	0.21	0.036	0.005	7.10E-15	0.002	0.010	8.20E-01
T2DM	rs59020573	G	0.91	-0.050	0.009	1.09E-08	-0.034	0.023	1.40E-01
T2DM	rs61779284	G	0.80	-0.070	0.005	1.43E-48	-0.009	0.010	3.50E-01
T2DM	rs61817176	C	0.45	-0.026	0.004	4.87E-11	0.000	0.008	9.60E-01
T2DM	rs7546252	G	0.57	-0.026	0.004	1.66E-10	-0.018	0.008	1.80E-02
T2DM	rs7554251	C	0.70	0.030	0.005	4.11E-11	0.000	0.009	9.90E-01
T2DM	rs79090772	C	0.10	-0.073	0.007	2.73E-28	-0.008	0.014	5.40E-01
T2DM	rs9438610	G	0.20	-0.031	0.005	8.40E-10	-0.003	0.010	7.40E-01
T2DM	rs10184004	C	0.60	0.064	0.004	2.87E-54	0.036	0.008	7.70E-06
T2DM	rs10188334	C	0.84	0.054	0.005	1.02E-24	-0.005	0.010	6.80E-01
T2DM	rs10469860	G	0.28	-0.024	0.004	3.11E-08	-0.009	0.009	4.00E-01
T2DM	rs11096542	G	0.38	-0.025	0.004	3.48E-09	-0.014	0.008	7.40E-02
T2DM	rs113135335	G	0.10	-0.053	0.007	2.85E-13	-0.033	0.013	7.60E-03
T2DM	rs113414093	G	0.95	-0.072	0.013	1.55E-08	-0.004	0.021	9.80E-01
T2DM	rs1260326	C	0.58	0.063	0.004	8.46E-58	-0.039	0.008	4.10E-07
T2DM	rs12986742	C	0.47	0.035	0.004	1.55E-20	0.011	0.008	2.30E-01
T2DM	rs13406280	C	0.57	0.027	0.004	5.29E-12	-0.003	0.008	7.20E-01

T2DM	rs13415288	C	0.37	0.026	0.004	5.75E-11	0.018	0.008	2.30E-02
T2DM	rs1877712	G	0.45	0.021	0.004	6.29E-08	0.018	0.008	1.50E-02
T2DM	rs243018	G	0.50	0.051	0.004	8.75E-39	-0.003	0.008	6.30E-01
T2DM	rs2723065	G	0.38	-0.042	0.004	2.75E-27	-0.001	0.008	9.30E-01
T2DM	rs28758542	G	0.34	-0.026	0.004	1.09E-09	-0.011	0.008	2.30E-01
T2DM	rs2943650	C	0.36	-0.081	0.004	7.03E-82	-0.018	0.008	1.80E-02
T2DM	rs34329895	G	0.54	-0.026	0.004	1.83E-10	-0.007	0.008	4.70E-01
T2DM	rs34506349	G	0.96	0.067	0.012	9.88E-09	0.015	0.019	4.40E-01
T2DM	rs34845373	G	0.26	-0.033	0.005	3.44E-12	-0.019	0.009	1.40E-02
T2DM	rs3828242	G	0.27	-0.025	0.004	4.62E-09	-0.013	0.008	1.30E-01
T2DM	rs3845843	C	0.49	-0.026	0.004	3.72E-12	0.004	0.008	6.40E-01
T2DM	rs4482463	C	0.24	0.032	0.006	1.67E-08	0.024	0.015	1.20E-01
T2DM	rs4671799	G	0.67	-0.026	0.004	5.75E-11	0.003	0.008	9.30E-01
T2DM	rs4673712	C	0.29	-0.027	0.005	2.26E-09	-0.020	0.008	2.80E-02
T2DM	rs4832290	C	0.76	-0.027	0.005	5.07E-08	-0.005	0.009	5.60E-01
T2DM	rs5010712	G	0.81	0.030	0.005	4.04E-09	-0.007	0.011	3.80E-01
T2DM	rs62182438	T	0.26	0.026	0.005	1.12E-08	-0.003	0.009	5.70E-01
T2DM	rs66877183	T	0.43	-0.050	0.009	2.60E-08	-0.007	0.010	6.00E-01
T2DM	rs6710938	C	0.23	-0.034	0.005	1.05E-13	-0.019	0.009	2.90E-02
T2DM	rs6712905	C	0.32	0.028	0.004	3.08E-11	-0.010	0.009	2.80E-01
T2DM	rs6714523	G	0.88	-0.040	0.006	4.91E-11	0.007	0.012	6.60E-01
T2DM	rs6715901	G	0.57	0.023	0.004	8.92E-09	0.006	0.008	4.50E-01
T2DM	rs6716394	G	0.48	0.028	0.004	1.07E-13	0.007	0.008	4.80E-01
T2DM	rs6741676	G	0.31	-0.032	0.004	1.22E-14	-0.022	0.008	3.10E-03
T2DM	rs72803684	C	0.96	-0.067	0.012	6.98E-09	0.033	0.018	6.20E-02
T2DM	rs74677818	C	0.86	-0.036	0.006	2.68E-09	-0.025	0.011	4.20E-02
T2DM	rs76675804	C	0.09	-0.121	0.007	6.63E-60	-0.004	0.013	7.50E-01
T2DM	rs77424687	C	0.70	0.027	0.005	2.58E-09	0.025	0.010	1.40E-02
T2DM	rs838720	G	0.38	0.034	0.004	2.83E-18	0.006	0.008	4.00E-01
T2DM	rs9308614	G	0.13	-0.057	0.006	8.56E-23	-0.035	0.011	4.80E-04
T2DM	rs11708067	G	0.22	-0.080	0.005	3.52E-58	0.023	0.009	1.10E-02
T2DM	rs11929640	G	0.65	-0.025	0.004	5.43E-09	-0.013	0.009	1.90E-01
T2DM	rs12494424	G	0.96	-0.066	0.012	2.06E-08	-0.043	0.020	1.70E-02
T2DM	rs13059382	G	0.72	0.036	0.006	1.60E-09	-0.032	0.015	2.20E-02
T2DM	rs13094957	C	0.22	-0.064	0.005	7.59E-42	0.005	0.010	6.20E-01
T2DM	rs13099581	C	0.82	0.037	0.006	1.59E-10	-0.002	0.011	9.20E-01
T2DM	rs13434089	C	0.20	-0.061	0.005	1.75E-31	-0.002	0.012	8.00E-01
T2DM	rs1470560	G	0.64	-0.025	0.004	9.07E-10	-0.024	0.008	8.00E-03
T2DM	rs17036160	C	0.89	0.101	0.007	3.91E-54	0.046	0.012	2.50E-04
T2DM	rs2255703	C	0.40	-0.026	0.004	5.23E-11	-0.003	0.008	7.00E-01
T2DM	rs28712435	C	0.55	0.025	0.004	7.38E-11	-0.003	0.008	5.40E-01
T2DM	rs2872246	C	0.60	-0.027	0.004	2.93E-11	-0.010	0.008	1.90E-01
T2DM	rs3872707	G	0.84	-0.037	0.005	7.29E-12	-0.008	0.012	6.00E-01
T2DM	rs56243018	C	0.05	-0.083	0.010	1.15E-15	-0.010	0.018	6.30E-01
T2DM	rs59489841	C	0.70	0.024	0.004	2.20E-08	0.009	0.009	3.00E-01
T2DM	rs61579137	G	0.66	-0.031	0.005	4.88E-11	-0.011	0.011	2.80E-01
T2DM	rs62255926	T	0.26	-0.025	0.005	4.30E-08	-0.008	0.008	2.60E-01
T2DM	rs62271373	T	0.95	-0.065	0.010	1.70E-10	-0.046	0.017	6.40E-03
T2DM	rs6549112	G	0.33	-0.027	0.004	2.08E-11	-0.012	0.008	2.20E-01
T2DM	rs667920	G	0.23	-0.032	0.005	6.02E-13	-0.016	0.009	1.10E-01
T2DM	rs66815886	G	0.69	0.040	0.004	1.67E-21	0.009	0.009	3.70E-01
T2DM	rs6766859	C	0.39	0.028	0.004	6.20E-12	0.000	0.008	8.40E-01
T2DM	rs6777684	G	0.63	0.055	0.004	1.32E-35	0.002	0.008	8.30E-01
T2DM	rs6792892	C	0.48	0.031	0.004	2.01E-14	0.020	0.008	6.80E-03
T2DM	rs73146095	C	0.90	0.041	0.007	6.63E-09	0.001	0.012	7.20E-01
T2DM	rs76263492	G	0.96	-0.068	0.011	3.20E-09	-0.012	0.019	6.70E-01

T2DM	rs7633673	G	0.59	0.031	0.004	8.10E-16	0.005	0.008	4.80E-01
T2DM	rs7645613	C	0.36	0.034	0.005	1.41E-12	0.005	0.012	7.80E-01
T2DM	rs8192675	C	0.32	-0.045	0.004	5.21E-27	0.014	0.009	5.30E-02
T2DM	rs853866	T	0.61	0.024	0.004	2.93E-08	0.003	0.008	7.70E-01
T2DM	rs924753	G	0.46	0.026	0.004	1.55E-11	0.015	0.008	5.30E-02
T2DM	rs978444	G	0.41	0.023	0.004	4.31E-09	0.011	0.008	1.10E-01
T2DM	rs9814945	C	0.71	-0.032	0.005	4.60E-11	0.011	0.009	1.70E-01
T2DM	rs9857204	G	0.71	-0.027	0.004	2.52E-10	-0.012	0.008	1.60E-01
T2DM	rs9859406	G	0.65	-0.112	0.004	1.33E-171	-0.001	0.008	7.70E-01
T2DM	rs9869477	G	0.56	0.023	0.004	2.72E-09	0.010	0.008	2.20E-01
T2DM	rs9872347	C	0.67	0.032	0.004	3.69E-14	0.001	0.008	9.70E-01
T2DM	rs9873519	C	0.53	-0.037	0.004	9.63E-23	-0.005	0.008	4.30E-01
T2DM	rs10937721	G	0.39	-0.076	0.004	5.15E-69	-0.003	0.008	6.60E-01
T2DM	rs10938398	G	0.61	-0.045	0.004	3.72E-30	-0.017	0.008	3.60E-02
T2DM	rs12505942	C	0.31	-0.029	0.004	2.56E-12	-0.015	0.008	7.10E-02
T2DM	rs13107325	C	0.93	-0.047	0.009	3.80E-08	-0.011	0.015	4.00E-01
T2DM	rs17035289	C	0.21	0.036	0.005	1.03E-13	0.007	0.011	5.10E-01
T2DM	rs1996617	C	0.39	0.029	0.004	5.01E-13	-0.007	0.008	2.60E-01
T2DM	rs2125799	C	0.33	0.024	0.004	2.66E-09	0.003	0.008	5.90E-01
T2DM	rs2169033	C	0.34	-0.033	0.004	2.25E-15	-0.024	0.008	3.60E-03
T2DM	rs28408270	G	0.49	0.024	0.004	8.89E-10	-0.001	0.008	9.70E-01
T2DM	rs28819812	C	0.66	0.033	0.004	3.93E-15	0.018	0.008	3.10E-02
T2DM	rs2952858	G	0.60	-0.024	0.004	7.45E-09	0.000	0.009	9.90E-01
T2DM	rs34617913	G	0.30	-0.024	0.004	2.73E-08	-0.009	0.009	4.30E-01
T2DM	rs35901985	G	0.19	-0.033	0.005	3.75E-10	-0.008	0.010	4.00E-01
T2DM	rs362307	C	0.93	-0.048	0.009	3.44E-08	0.009	0.015	7.00E-01
T2DM	rs4440243	C	0.42	-0.025	0.004	1.06E-08	0.014	0.008	7.20E-02
T2DM	rs4833687	C	0.74	-0.027	0.005	2.97E-09	-0.008	0.009	4.30E-01
T2DM	rs4834232	C	0.79	-0.027	0.005	7.16E-09	0.001	0.009	9.80E-01
T2DM	rs55691245	G	0.87	0.056	0.006	1.86E-18	0.006	0.011	6.30E-01
T2DM	rs56337234	C	0.50	0.043	0.004	2.75E-25	-0.003	0.008	6.30E-01
T2DM	rs6813195	C	0.65	0.046	0.004	5.52E-31	-0.009	0.009	3.10E-01
T2DM	rs6835992	G	0.70	0.029	0.004	6.90E-11	-0.008	0.008	3.70E-01
T2DM	rs730831	G	0.19	-0.088	0.007	3.33E-34	-0.032	0.021	1.10E-01
T2DM	rs73221116	G	0.96	-0.096	0.011	2.07E-19	0.015	0.020	5.00E-01
T2DM	rs7659468	G	0.50	-0.029	0.004	8.71E-15	-0.004	0.008	5.40E-01
T2DM	rs7664347	C	0.66	-0.023	0.004	1.15E-08	-0.003	0.008	8.10E-01
T2DM	rs7674402	G	0.77	-0.052	0.006	3.04E-16	-0.013	0.020	4.30E-01
T2DM	rs993380	G	0.64	-0.027	0.004	3.07E-12	-0.012	0.008	1.40E-01
T2DM	rs9991328	C	0.48	-0.023	0.004	2.32E-09	-0.015	0.008	4.10E-02
T2DM	rs114136102	C	0.04	0.063	0.011	3.11E-08	0.027	0.020	1.30E-01
T2DM	rs12187734	C	0.57	0.029	0.004	1.85E-13	0.005	0.008	5.80E-01
T2DM	rs144052331	C	0.05	-0.071	0.010	4.67E-13	-0.067	0.024	8.10E-03
T2DM	rs1650505	G	0.77	-0.041	0.005	1.00E-19	-0.023	0.010	1.80E-02
T2DM	rs217256	C	0.49	0.021	0.004	1.38E-08	0.005	0.008	6.60E-01
T2DM	rs2591392	G	0.62	0.031	0.004	4.29E-15	0.009	0.008	1.50E-01
T2DM	rs261967	C	0.41	0.024	0.004	6.24E-10	0.001	0.008	9.20E-01
T2DM	rs2662390	C	0.74	-0.028	0.005	8.92E-09	0.008	0.011	4.90E-01
T2DM	rs2913873	G	0.14	-0.032	0.006	1.67E-08	-0.008	0.011	4.40E-01
T2DM	rs302395	G	0.32	0.023	0.004	1.53E-08	0.010	0.008	1.40E-01
T2DM	rs329118	C	0.58	-0.028	0.004	1.42E-13	0.017	0.008	3.00E-02
T2DM	rs34341	T	0.52	0.040	0.004	4.98E-25	0.014	0.008	5.70E-02
T2DM	rs4343858	G	0.72	0.030	0.005	5.54E-11	0.016	0.009	7.50E-02
T2DM	rs4479849	G	0.59	-0.026	0.004	3.71E-11	-0.005	0.008	5.90E-01
T2DM	rs464605	C	0.35	-0.070	0.004	2.35E-65	-0.013	0.009	1.70E-01
T2DM	rs4865796	G	0.29	-0.048	0.004	2.29E-30	-0.025	0.008	2.10E-03

T2DM	rs4976033	G	0.43	0.025	0.004	1.23E-10	0.012	0.008	1.60E-01
T2DM	rs6870983	C	0.74	0.029	0.005	4.71E-09	0.007	0.010	4.20E-01
T2DM	rs6885157	G	0.78	0.037	0.007	4.49E-08	-0.005	0.012	7.20E-01
T2DM	rs6897117	C	0.71	-0.023	0.004	2.53E-08	-0.004	0.008	6.70E-01
T2DM	rs75432112	G	0.95	-0.132	0.010	7.38E-37	-0.030	0.018	1.00E-01
T2DM	rs7732130	G	0.30	0.055	0.005	4.54E-32	0.010	0.008	2.20E-01
T2DM	rs10440833	T	0.70	-0.129	0.004	5.91E-216	0.000	0.009	9.20E-01
T2DM	rs10806906	C	0.45	0.022	0.004	1.08E-08	0.014	0.008	1.10E-01
T2DM	rs11155073	C	0.52	-0.028	0.004	1.77E-12	-0.014	0.008	5.30E-02
T2DM	rs11759026	G	0.32	0.059	0.006	1.03E-24	0.000	0.009	8.70E-01
T2DM	rs16881572	G	0.94	-0.068	0.011	5.98E-10	-0.006	0.023	8.70E-01
T2DM	rs2031847	G	0.97	-0.075	0.013	1.57E-08	-0.016	0.028	5.60E-01
T2DM	rs2394186	G	0.22	-0.027	0.005	1.64E-08	-0.021	0.010	6.60E-02
T2DM	rs2608953	C	0.79	-0.035	0.005	3.40E-12	-0.009	0.010	4.90E-01
T2DM	rs2876354	C	0.52	0.047	0.004	1.98E-34	0.001	0.008	8.10E-01
T2DM	rs3130931	C	0.68	0.048	0.004	6.57E-32	0.006	0.008	4.60E-01
T2DM	rs33959228	C	0.98	0.092	0.016	3.56E-09	-0.010	0.027	6.40E-01
T2DM	rs34247110	G	0.52	-0.031	0.004	1.00E-15	-0.010	0.008	1.60E-01
T2DM	rs34298980	C	0.47	-0.035	0.006	1.22E-10	-0.014	0.008	5.80E-02
T2DM	rs35164294	G	0.93	-0.053	0.009	1.15E-08	0.007	0.016	7.40E-01
T2DM	rs3798519	C	0.21	0.047	0.005	6.43E-24	-0.009	0.010	3.80E-01
T2DM	rs4709746	C	0.87	0.057	0.006	1.01E-21	0.029	0.011	1.80E-02
T2DM	rs501470	G	0.46	-0.032	0.004	3.73E-17	-0.003	0.008	7.20E-01
T2DM	rs538801	T	0.43	-0.021	0.004	6.29E-08	-0.011	0.008	1.50E-01
T2DM	rs727734	T	0.24	-0.029	0.005	8.65E-11	-0.014	0.009	1.60E-01
T2DM	rs72846863	G	0.86	0.034	0.006	3.98E-08	0.023	0.011	4.00E-02
T2DM	rs75080135	C	0.21	-0.036	0.005	3.20E-13	-0.018	0.010	7.80E-02
T2DM	rs7742292	C	0.48	0.026	0.004	6.80E-11	0.000	0.008	9.70E-01
T2DM	rs7752666	C	0.70	0.031	0.004	1.31E-12	0.024	0.008	3.20E-03
T2DM	rs7758002	G	0.52	-0.032	0.004	4.36E-16	-0.009	0.008	4.50E-01
T2DM	rs7758115	G	0.50	-0.023	0.004	2.70E-09	0.005	0.008	6.10E-01
T2DM	rs80196932	C	0.18	-0.048	0.005	1.60E-19	0.000	0.011	9.20E-01
T2DM	rs9257408	G	0.49	-0.031	0.005	1.47E-10	-0.012	0.008	9.30E-02
T2DM	rs9358912	G	0.65	0.025	0.005	3.14E-08	0.020	0.009	1.30E-02
T2DM	rs9370243	G	0.83	-0.039	0.006	1.05E-10	-0.023	0.014	8.80E-02
T2DM	rs9379084	G	0.84	0.072	0.006	9.07E-31	0.003	0.013	7.10E-01
T2DM	rs9390022	C	0.34	-0.031	0.004	8.43E-14	0.000	0.008	8.90E-01
T2DM	rs9449295	C	0.52	0.022	0.004	3.05E-08	0.020	0.008	2.10E-02
T2DM	rs9472139	G	0.74	-0.038	0.004	1.28E-17	0.000	0.009	9.20E-01
T2DM	rs10228796	G	0.57	0.067	0.004	5.55E-70	0.001	0.008	7.30E-01
T2DM	rs12539264	G	0.27	0.029	0.005	1.16E-10	0.004	0.009	4.70E-01
T2DM	rs12667919	C	0.71	-0.026	0.005	5.13E-08	0.002	0.009	8.20E-01
T2DM	rs12669521	G	0.30	-0.026	0.004	2.27E-09	-0.017	0.008	3.90E-02
T2DM	rs13237518	C	0.52	-0.028	0.004	9.52E-14	-0.010	0.008	1.90E-01
T2DM	rs13238568	G	0.38	0.025	0.004	1.46E-09	0.012	0.008	1.50E-01
T2DM	rs17439448	C	0.88	-0.039	0.007	4.47E-09	-0.001	0.012	8.70E-01
T2DM	rs187653072	C	0.03	0.097	0.014	2.43E-12	0.020	0.022	2.90E-01
T2DM	rs1922879	G	0.63	0.023	0.004	2.03E-08	0.015	0.008	5.00E-02
T2DM	rs2188848	G	0.21	-0.033	0.005	1.28E-11	0.017	0.010	5.90E-02
T2DM	rs243513	G	0.71	0.023	0.004	6.84E-08	0.004	0.008	7.60E-01
T2DM	rs3735491	C	0.69	-0.025	0.004	6.10E-09	-0.005	0.009	6.90E-01
T2DM	rs3779272	T	0.58	0.021	0.004	2.08E-08	0.004	0.008	6.60E-01
T2DM	rs38221	C	0.76	-0.029	0.005	1.16E-09	0.005	0.009	8.20E-01
T2DM	rs3996350	G	0.56	0.035	0.004	5.72E-19	0.011	0.008	8.70E-02
T2DM	rs4252505	G	0.18	0.041	0.007	3.64E-09	0.016	0.016	3.10E-01
T2DM	rs506597	G	0.88	0.041	0.006	1.49E-10	-0.007	0.012	6.40E-01

T2DM	rs583769	G	0.72	-0.031	0.004	9.36E-13	-0.009	0.009	3.20E-01
T2DM	rs60251368	G	0.07	0.055	0.008	1.94E-12	0.015	0.018	5.50E-01
T2DM	rs62452060	G	0.86	-0.035	0.006	1.97E-09	-0.001	0.011	8.60E-01
T2DM	rs62492368	G	0.60	-0.031	0.004	3.32E-14	-0.007	0.009	3.80E-01
T2DM	rs6946660	C	0.41	-0.047	0.004	1.02E-33	-0.008	0.008	4.30E-01
T2DM	rs6956980	C	0.47	0.028	0.004	7.80E-14	-0.003	0.008	5.90E-01
T2DM	rs6972291	C	0.35	0.028	0.005	3.73E-09	0.008	0.010	2.60E-01
T2DM	rs6975279	C	0.71	-0.043	0.004	1.05E-24	-0.022	0.009	8.70E-03
T2DM	rs6976111	C	0.72	-0.026	0.005	2.04E-08	-0.003	0.008	7.00E-01
T2DM	rs6978327	C	0.41	-0.023	0.004	5.71E-09	-0.007	0.008	3.80E-01
T2DM	rs730497	G	0.83	-0.055	0.005	2.45E-28	0.012	0.010	3.20E-01
T2DM	rs73121277	C	0.30	0.026	0.004	6.00E-10	0.007	0.009	4.60E-01
T2DM	rs73184014	G	0.21	-0.030	0.005	1.00E-08	0.000	0.009	8.50E-01
T2DM	rs860262	C	0.57	0.075	0.004	8.99E-82	0.021	0.008	9.70E-03
T2DM	rs917195	C	0.72	0.042	0.005	3.04E-20	0.014	0.009	1.00E-01
T2DM	rs10096633	C	0.82	0.033	0.005	9.89E-10	0.012	0.012	3.10E-01
T2DM	rs10101067	G	0.91	-0.039	0.007	1.46E-08	-0.029	0.015	4.00E-02
T2DM	rs10808671	G	0.54	-0.036	0.004	4.47E-21	-0.007	0.008	3.20E-01
T2DM	rs112515915	G	0.07	-0.056	0.009	3.80E-11	-0.003	0.015	8.50E-01
T2DM	rs11994255	C	0.72	-0.024	0.004	2.73E-08	-0.011	0.009	2.40E-01
T2DM	rs11998023	G	0.18	0.032	0.005	9.76E-10	0.008	0.010	4.00E-01
T2DM	rs12056338	G	0.61	-0.025	0.004	3.50E-10	0.008	0.008	2.50E-01
T2DM	rs12680217	C	0.30	-0.040	0.007	2.25E-08	-0.002	0.017	9.60E-01
T2DM	rs13262861	C	0.83	0.102	0.005	9.91E-80	-0.017	0.010	1.50E-01
T2DM	rs13266634	C	0.68	0.102	0.004	1.13E-137	-0.006	0.008	6.50E-01
T2DM	rs13268508	C	0.63	-0.038	0.004	4.70E-20	0.012	0.008	1.30E-01
T2DM	rs13365225	G	0.26	0.033	0.005	1.17E-12	0.011	0.011	3.10E-01
T2DM	rs1561927	C	0.31	0.033	0.005	5.30E-13	0.004	0.009	4.80E-01
T2DM	rs17772814	G	0.92	0.069	0.012	3.31E-08	-0.013	0.015	3.40E-01
T2DM	rs2679745	G	0.81	0.028	0.005	1.40E-08	0.017	0.010	1.00E-01
T2DM	rs2725370	C	0.71	-0.032	0.005	4.07E-12	-0.005	0.008	4.60E-01
T2DM	rs28792187	G	0.07	0.041	0.008	5.11E-08	0.000	0.016	9.20E-01
T2DM	rs35753840	C	0.34	0.025	0.004	1.47E-09	0.012	0.008	1.40E-01
T2DM	rs3802219	C	0.61	-0.036	0.004	5.49E-20	-0.019	0.008	1.50E-02
T2DM	rs3887059	G	0.74	-0.030	0.004	6.86E-12	0.001	0.009	8.50E-01
T2DM	rs4294149	C	0.60	-0.022	0.004	2.64E-08	-0.011	0.008	1.20E-01
T2DM	rs510062	G	0.40	-0.022	0.004	1.69E-08	-0.003	0.008	7.40E-01
T2DM	rs60384372	G	0.45	-0.035	0.004	5.25E-17	-0.005	0.008	5.50E-01
T2DM	rs6558173	G	0.66	-0.025	0.004	9.07E-10	0.004	0.008	6.10E-01
T2DM	rs10119430	G	0.22	0.028	0.005	1.32E-09	-0.003	0.010	7.20E-01
T2DM	rs10758950	T	0.71	-0.026	0.005	7.57E-09	-0.018	0.010	1.10E-01
T2DM	rs10811661	C	0.24	-0.147	0.005	3.00E-206	0.003	0.010	7.10E-01
T2DM	rs10818763	C	0.68	0.036	0.005	2.22E-12	0.024	0.012	6.10E-02
T2DM	rs10993072	C	0.66	-0.032	0.004	1.55E-14	-0.004	0.008	7.10E-01
T2DM	rs12001437	C	0.41	0.030	0.004	2.36E-15	0.028	0.008	3.80E-04
T2DM	rs12380322	G	0.39	0.030	0.004	1.64E-13	-0.023	0.008	3.80E-03
T2DM	rs1412234	C	0.29	0.040	0.004	3.31E-21	0.004	0.008	7.20E-01
T2DM	rs1431819	G	0.71	0.029	0.005	1.64E-10	0.007	0.009	3.40E-01
T2DM	rs1567353	G	0.36	0.028	0.004	3.65E-12	0.004	0.008	7.10E-01
T2DM	rs1570247	G	0.60	0.024	0.004	3.94E-10	-0.014	0.008	7.00E-02
T2DM	rs1885234	G	0.39	0.024	0.004	3.94E-10	0.009	0.008	2.10E-01
T2DM	rs2150999	C	0.54	0.024	0.004	4.64E-10	-0.008	0.008	3.00E-01
T2DM	rs2796441	G	0.56	0.061	0.004	5.72E-55	-0.015	0.008	5.10E-02
T2DM	rs28642213	G	0.76	0.082	0.005	1.73E-68	0.010	0.009	3.30E-01
T2DM	rs379417	G	0.65	-0.028	0.004	3.62E-11	-0.004	0.009	5.60E-01
T2DM	rs4237150	G	0.57	-0.043	0.004	1.23E-31	0.006	0.008	4.60E-01

T2DM	rs529565	C	0.36	0.042	0.004	1.92E-26	0.023	0.008	4.70E-03
T2DM	rs654629	G	0.61	0.027	0.004	9.07E-12	-0.009	0.008	2.70E-01
T2DM	rs6597649	C	0.52	-0.023	0.004	1.97E-09	-0.019	0.008	8.80E-03
T2DM	rs67269808	G	0.07	-0.073	0.008	7.13E-21	-0.028	0.016	9.50E-02
T2DM	rs7029718	G	0.60	-0.027	0.004	2.56E-12	-0.002	0.008	7.10E-01
T2DM	rs73642097	G	0.21	0.029	0.005	2.87E-09	0.002	0.011	9.20E-01
T2DM	rs75619936	G	0.13	0.031	0.006	2.06E-08	0.011	0.013	4.20E-01
T2DM	rs9411425	G	0.35	0.024	0.004	3.64E-09	0.014	0.008	4.00E-02
T2DM	rs10787518	T	0.45	0.029	0.005	1.03E-08	0.019	0.008	2.70E-02
T2DM	rs10998338	G	0.52	-0.031	0.004	2.85E-15	-0.002	0.008	8.90E-01
T2DM	rs1111875	C	0.55	0.093	0.004	1.02E-131	0.030	0.008	3.00E-05
T2DM	rs111765639	G	0.88	0.058	0.008	4.62E-12	-0.037	0.022	7.40E-02
T2DM	rs11199116	C	0.19	0.031	0.005	9.36E-10	0.001	0.010	9.40E-01
T2DM	rs11257655	C	0.70	-0.095	0.006	5.08E-64	-0.016	0.010	9.60E-02
T2DM	rs11258422	C	0.41	0.024	0.004	4.15E-09	-0.004	0.008	5.70E-01
T2DM	rs1408579	C	0.56	0.028	0.004	5.85E-11	0.019	0.008	1.60E-02
T2DM	rs146716733	C	0.92	0.045	0.008	1.14E-08	0.010	0.018	6.60E-01
T2DM	rs2280141	G	0.51	-0.046	0.005	2.56E-21	-0.020	0.008	8.60E-03
T2DM	rs2482506	G	0.24	-0.032	0.005	2.18E-12	0.004	0.009	6.20E-01
T2DM	rs2633311	C	0.50	0.024	0.004	3.12E-09	0.010	0.008	3.00E-01
T2DM	rs3012060	T	0.19	0.034	0.006	5.03E-10	0.022	0.012	4.90E-02
T2DM	rs3122231	C	0.66	0.027	0.004	7.32E-10	0.014	0.008	1.10E-01
T2DM	rs35011184	G	0.78	-0.251	0.005	0.00E+00	-0.001	0.009	9.40E-01
T2DM	rs36062478	C	0.18	0.039	0.005	5.86E-13	0.008	0.011	6.30E-01
T2DM	rs524903	G	0.82	0.043	0.007	1.68E-10	0.028	0.010	1.70E-02
T2DM	rs620191	G	0.66	-0.023	0.004	1.15E-08	-0.001	0.009	8.00E-01
T2DM	rs697239	C	0.45	-0.059	0.004	7.86E-54	0.001	0.008	8.20E-01
T2DM	rs705145	C	0.65	-0.023	0.004	1.97E-09	0.008	0.008	2.80E-01
T2DM	rs7071036	C	0.20	-0.051	0.007	2.82E-12	0.009	0.027	7.40E-01
T2DM	rs71495046	C	0.12	0.040	0.006	2.40E-10	0.012	0.014	4.70E-01
T2DM	rs7912336	T	0.55	0.022	0.004	1.13E-08	0.013	0.008	1.10E-01
T2DM	rs827237	C	0.81	-0.029	0.005	2.90E-08	-0.007	0.010	4.60E-01
T2DM	rs945187	G	0.42	0.031	0.004	1.88E-15	0.007	0.008	3.80E-01
T2DM	rs10750397	G	0.71	-0.040	0.004	1.67E-21	-0.001	0.009	8.50E-01
T2DM	rs10750840	T	0.55	-0.024	0.004	8.89E-10	-0.006	0.008	4.90E-01
T2DM	rs10766076	T	0.71	0.026	0.004	1.48E-09	-0.001	0.009	8.30E-01
T2DM	rs10767659	G	0.35	0.026	0.004	6.00E-10	0.019	0.008	2.80E-02
T2DM	rs10830963	G	0.31	0.073	0.004	7.59E-68	-0.002	0.009	6.00E-01
T2DM	rs10835690	T	0.82	-0.029	0.005	2.45E-08	-0.032	0.010	1.80E-03
T2DM	rs11236524	C	0.24	0.036	0.006	1.41E-08	-0.031	0.014	2.20E-02
T2DM	rs11602873	T	0.15	-0.099	0.006	8.08E-63	-0.004	0.011	6.70E-01
T2DM	rs117316450	G	0.02	0.133	0.017	8.10E-15	0.030	0.027	2.40E-01
T2DM	rs12419690	G	0.51	0.030	0.004	9.33E-14	0.002	0.008	8.10E-01
T2DM	rs12789028	G	0.82	-0.046	0.005	4.31E-20	-0.007	0.010	4.90E-01
T2DM	rs149027146	T	0.06	0.074	0.010	1.28E-12	0.028	0.016	8.40E-02
T2DM	rs1662185	G	0.58	-0.023	0.004	3.54E-08	-0.012	0.009	1.40E-01
T2DM	rs16907058	G	0.94	-0.046	0.008	4.06E-08	0.008	0.018	7.40E-01
T2DM	rs174541	C	0.35	-0.028	0.004	1.42E-11	-0.001	0.008	9.10E-01
T2DM	rs2237897	C	0.76	0.220	0.007	2.03E-229	0.023	0.019	2.90E-01
T2DM	rs2513505	C	0.41	-0.024	0.004	2.69E-10	-0.016	0.008	4.10E-02
T2DM	rs2956092	C	0.65	-0.025	0.004	2.15E-10	-0.004	0.008	5.60E-01
T2DM	rs35251247	G	0.71	-0.031	0.004	1.88E-13	-0.016	0.009	4.90E-02
T2DM	rs3918298	G	0.88	0.104	0.010	8.93E-25	-0.008	0.024	6.80E-01
T2DM	rs4929965	G	0.61	-0.068	0.004	2.76E-58	-0.021	0.008	1.70E-02
T2DM	rs529623	C	0.50	-0.022	0.004	3.75E-09	-0.010	0.008	1.70E-01
T2DM	rs62618693	C	0.96	0.082	0.011	1.60E-13	0.034	0.019	1.00E-01

T2DM	rs7127212	C	0.61	-0.023	0.004	3.08E-08	-0.010	0.008	1.20E-01
T2DM	rs7130522	C	0.33	0.022	0.004	6.14E-08	-0.006	0.009	4.40E-01
T2DM	rs7483027	C	0.33	-0.027	0.004	7.41E-11	-0.001	0.008	7.20E-01
T2DM	rs757110	C	0.37	0.060	0.004	3.08E-53	-0.003	0.008	7.80E-01
T2DM	rs76789970	C	0.89	-0.039	0.006	1.12E-10	-0.019	0.012	1.00E-01
T2DM	rs7941510	C	0.65	0.035	0.004	4.29E-17	0.031	0.009	2.20E-04
T2DM	rs10773000	G	0.67	0.034	0.004	1.11E-16	-0.004	0.008	5.90E-01
T2DM	rs10844519	G	0.41	0.030	0.004	9.14E-13	-0.003	0.009	9.20E-01
T2DM	rs10879261	G	0.39	0.034	0.004	2.87E-19	0.012	0.008	1.70E-01
T2DM	rs11048457	G	0.39	0.039	0.004	3.44E-19	0.012	0.009	1.40E-01
T2DM	rs11108094	C	0.93	-0.057	0.009	8.66E-11	-0.017	0.015	3.00E-01
T2DM	rs11114650	G	0.78	-0.045	0.008	2.52E-09	0.018	0.036	6.50E-01
T2DM	rs11173646	T	0.74	-0.029	0.005	1.33E-09	-0.021	0.010	1.50E-02
T2DM	rs11614914	C	0.70	-0.039	0.004	3.41E-19	-0.002	0.008	8.60E-01
T2DM	rs11830241	C	0.90	-0.041	0.007	1.14E-08	-0.005	0.015	7.70E-01
T2DM	rs12422600	G	0.64	0.024	0.004	1.97E-09	0.007	0.008	3.40E-01
T2DM	rs12825669	G	0.67	0.023	0.004	3.54E-08	0.014	0.008	7.80E-02
T2DM	rs1426371	G	0.69	0.043	0.005	1.52E-21	0.008	0.009	3.90E-01
T2DM	rs2066827	G	0.29	0.032	0.005	3.09E-10	0.013	0.009	1.40E-01
T2DM	rs2257883	G	0.74	-0.071	0.005	1.41E-47	-0.011	0.011	3.10E-01
T2DM	rs2277339	G	0.14	0.044	0.006	6.02E-15	0.020	0.013	1.30E-01
T2DM	rs2408252	C	0.54	-0.026	0.004	8.28E-10	0.008	0.008	2.40E-01
T2DM	rs2730827	C	0.51	-0.028	0.004	2.10E-13	-0.007	0.008	4.30E-01
T2DM	rs2732469	T	0.58	0.032	0.004	5.32E-14	-0.009	0.008	3.50E-01
T2DM	rs3751239	G	0.22	-0.069	0.005	2.19E-48	-0.005	0.010	5.20E-01
T2DM	rs4930726	C	0.33	-0.035	0.004	7.32E-18	-0.025	0.008	2.50E-03
T2DM	rs56348580	G	0.71	0.051	0.005	3.96E-27	-0.008	0.008	4.20E-01
T2DM	rs6538805	C	0.47	-0.030	0.004	7.90E-15	0.004	0.008	6.00E-01
T2DM	rs7132908	G	0.64	-0.030	0.004	1.13E-13	0.001	0.008	9.40E-01
T2DM	rs7134150	G	0.90	-0.044	0.007	2.47E-10	0.011	0.016	3.80E-01
T2DM	rs7316626	G	0.80	-0.032	0.005	2.48E-09	-0.006	0.010	5.90E-01
T2DM	rs76895963	G	0.02	-0.422	0.020	4.73E-97	-0.112	0.030	1.70E-04
T2DM	rs79310463	C	0.83	-0.050	0.005	3.95E-21	-0.024	0.011	3.70E-02
T2DM	rs884847	G	0.80	-0.029	0.005	4.63E-09	-0.006	0.010	5.70E-01
T2DM	rs11616380	G	0.73	0.076	0.004	1.26E-70	-0.011	0.009	1.70E-01
T2DM	rs314879	C	0.23	0.036	0.005	2.51E-15	0.004	0.009	7.00E-01
T2DM	rs34584161	G	0.28	-0.057	0.004	9.67E-38	-0.003	0.009	6.80E-01
T2DM	rs4397977	G	0.58	-0.028	0.004	1.60E-11	0.000	0.008	9.70E-01
T2DM	rs57286125	G	0.83	-0.061	0.005	7.22E-33	0.008	0.010	3.20E-01
T2DM	rs61967710	G	0.94	-0.055	0.010	2.19E-08	-0.015	0.024	4.80E-01
T2DM	rs6561273	G	0.40	-0.030	0.005	5.65E-09	0.007	0.008	4.00E-01
T2DM	rs7991679	T	0.76	0.027	0.005	1.14E-08	0.016	0.011	8.60E-02
T2DM	rs9316500	G	0.35	-0.040	0.004	1.37E-22	0.004	0.009	5.50E-01
T2DM	rs9515905	G	0.26	-0.047	0.004	7.58E-27	0.009	0.009	4.60E-01
T2DM	rs9560114	T	0.24	-0.026	0.005	3.58E-08	-0.018	0.009	5.30E-02
T2DM	rs9564268	C	0.54	-0.024	0.004	1.24E-09	0.013	0.008	1.10E-01
T2DM	rs9587811	C	0.55	0.025	0.004	6.74E-11	-0.005	0.008	4.20E-01
T2DM	rs112324411	C	0.94	0.073	0.010	1.47E-12	-0.010	0.016	4.90E-01
T2DM	rs11848361	G	0.92	0.048	0.009	1.87E-08	0.004	0.013	8.00E-01
T2DM	rs12433335	C	0.57	-0.021	0.004	2.08E-08	-0.018	0.008	2.10E-02
T2DM	rs12586772	T	0.40	-0.023	0.004	5.03E-09	0.002	0.008	9.50E-01
T2DM	rs12883788	C	0.59	-0.033	0.004	2.96E-16	0.001	0.008	8.50E-01
T2DM	rs12892257	G	0.49	0.029	0.005	8.41E-09	0.003	0.008	7.50E-01
T2DM	rs2056857	C	0.59	0.026	0.004	5.23E-11	-0.003	0.008	6.20E-01
T2DM	rs242105	C	0.41	0.039	0.006	3.84E-11	0.015	0.009	8.30E-02
T2DM	rs4902002	G	0.35	0.025	0.004	1.97E-09	-0.003	0.009	7.30E-01



T2DM	rs4906272	C	0.73	-0.030	0.005	8.03E-11	-0.001	0.011	8.70E-01
T2DM	rs56365443	G	0.32	-0.024	0.004	1.46E-08	-0.015	0.008	4.40E-02
T2DM	rs712315	T	0.78	0.028	0.005	3.21E-08	0.013	0.011	2.20E-01
T2DM	rs7147483	C	0.34	-0.035	0.004	9.05E-18	0.003	0.009	5.90E-01
T2DM	rs7156625	G	0.77	-0.053	0.005	2.88E-27	0.001	0.009	9.60E-01
T2DM	rs723355	G	0.56	0.024	0.004	1.23E-09	0.014	0.008	9.10E-02
T2DM	rs8010382	G	0.47	0.027	0.004	2.56E-12	0.001	0.008	9.30E-01
T2DM	rs11858759	G	0.73	0.024	0.004	4.06E-08	0.020	0.008	1.60E-02
T2DM	rs12910361	G	0.61	0.069	0.004	6.29E-66	0.021	0.009	1.50E-02
T2DM	rs148106383	C	0.97	-0.093	0.016	2.70E-09	0.030	0.024	3.00E-01
T2DM	rs149336329	G	0.96	0.087	0.010	3.62E-18	0.015	0.019	3.90E-01
T2DM	rs1812707	C	0.44	-0.023	0.004	5.87E-09	0.005	0.008	5.70E-01
T2DM	rs2289739	G	0.69	-0.036	0.006	3.64E-11	-0.013	0.008	7.70E-02
T2DM	rs2290203	G	0.70	-0.051	0.004	5.74E-32	-0.006	0.010	5.90E-01
T2DM	rs2447198	C	0.22	-0.034	0.006	6.34E-10	0.003	0.013	7.10E-01
T2DM	rs4776970	T	0.45	-0.029	0.004	7.23E-13	-0.014	0.008	7.20E-02
T2DM	rs4777857	G	0.44	0.026	0.004	6.22E-11	-0.012	0.008	1.70E-01
T2DM	rs4923864	G	0.69	0.057	0.006	1.26E-20	-0.002	0.015	9.30E-01
T2DM	rs59646751	G	0.69	-0.024	0.004	4.15E-09	0.001	0.008	8.30E-01
T2DM	rs6495182	C	0.68	0.041	0.004	5.27E-22	0.009	0.009	2.70E-01
T2DM	rs7163757	C	0.56	0.043	0.004	1.10E-29	-0.008	0.008	2.70E-01
T2DM	rs7169799	C	0.45	0.021	0.004	2.08E-08	0.005	0.008	6.00E-01
T2DM	rs7178762	C	0.49	0.032	0.004	3.33E-15	0.005	0.008	4.70E-01
T2DM	rs8043085	G	0.70	-0.041	0.004	3.31E-22	-0.002	0.009	8.40E-01
T2DM	rs893617	C	0.28	0.054	0.004	3.40E-39	0.005	0.009	6.80E-01
T2DM	rs9479	G	0.52	0.027	0.004	2.40E-13	0.004	0.008	6.10E-01
T2DM	rs1075855	G	0.28	0.026	0.005	5.08E-09	-0.012	0.009	1.80E-01
T2DM	rs111283203	G	0.76	-0.026	0.005	4.55E-08	-0.006	0.010	5.90E-01
T2DM	rs11646052	G	0.41	0.026	0.004	2.62E-11	0.003	0.008	5.60E-01
T2DM	rs12918782	G	0.26	0.031	0.005	5.63E-11	0.024	0.010	2.20E-02
T2DM	rs1421085	C	0.37	0.118	0.004	6.57E-192	0.024	0.008	2.60E-03
T2DM	rs2216063	G	0.20	-0.030	0.005	4.22E-08	0.001	0.013	9.70E-01
T2DM	rs244415	G	0.63	0.040	0.004	1.37E-22	0.014	0.008	7.30E-02
T2DM	rs4384608	C	0.41	0.027	0.004	6.17E-10	0.005	0.008	5.50E-01
T2DM	rs4788815	T	0.65	0.023	0.004	7.70E-09	0.013	0.008	1.50E-01
T2DM	rs55857387	C	0.25	-0.044	0.005	9.07E-22	-0.009	0.010	4.10E-01
T2DM	rs56823429	C	0.27	0.042	0.005	1.56E-20	0.019	0.009	2.40E-02
T2DM	rs72802365	G	0.93	0.107	0.008	4.32E-41	0.030	0.014	4.10E-02
T2DM	rs8054556	G	0.57	-0.032	0.004	4.36E-16	0.001	0.008	9.70E-01
T2DM	rs8056890	G	0.68	-0.030	0.004	2.16E-12	-0.019	0.008	2.30E-02
T2DM	rs8061528	C	0.76	-0.035	0.005	1.48E-14	-0.012	0.010	2.10E-01
T2DM	rs9927842	C	0.79	-0.031	0.005	8.25E-10	-0.021	0.011	5.50E-02
T2DM	rs9937296	C	0.77	0.045	0.007	2.06E-10	-0.021	0.011	1.40E-01
T2DM	rs11078916	C	0.65	-0.033	0.004	8.37E-15	-0.027	0.009	2.40E-03
T2DM	rs1109442	C	0.46	0.022	0.004	3.82E-09	0.002	0.008	9.80E-01
T2DM	rs11150745	G	0.32	-0.031	0.005	3.94E-09	-0.004	0.008	6.30E-01
T2DM	rs11651755	C	0.47	0.066	0.004	3.60E-68	0.004	0.008	8.00E-01
T2DM	rs117642733	C	0.96	-0.076	0.013	1.01E-08	-0.013	0.019	3.70E-01
T2DM	rs11870735	C	0.82	-0.031	0.005	6.07E-09	0.002	0.010	8.60E-01
T2DM	rs12603589	C	0.31	0.042	0.005	5.58E-20	0.013	0.010	2.50E-01
T2DM	rs17810376	G	0.30	0.028	0.005	2.92E-09	-0.026	0.008	1.40E-03
T2DM	rs2040792	C	0.46	0.031	0.004	1.88E-15	-0.003	0.008	5.80E-01
T2DM	rs2297508	G	0.56	-0.031	0.004	2.44E-14	-0.027	0.008	7.30E-04
T2DM	rs35895680	C	0.71	0.050	0.005	2.48E-26	0.001	0.008	8.60E-01
T2DM	rs366577	C	0.49	0.022	0.004	2.86E-08	0.004	0.008	4.90E-01
T2DM	rs372558	G	0.42	-0.021	0.004	4.72E-08	-0.003	0.008	8.00E-01

T2DM	rs3744347	G	0.25	-0.030	0.005	6.01E-11	-0.010	0.010	3.00E-01
T2DM	rs4335	G	0.48	0.030	0.004	1.24E-15	-0.005	0.008	6.90E-01
T2DM	rs57767539	G	0.94	-0.062	0.009	8.19E-12	-0.019	0.015	2.40E-01
T2DM	rs61736066	G	0.88	0.042	0.006	4.76E-11	-0.018	0.014	2.80E-01
T2DM	rs676387	C	0.68	-0.042	0.004	3.44E-24	-0.007	0.009	4.00E-01
T2DM	rs7224711	C	0.52	0.031	0.004	6.53E-16	0.001	0.008	7.70E-01
T2DM	rs8071043	C	0.33	0.047	0.004	8.18E-30	-0.005	0.008	6.00E-01
T2DM	rs858519	C	0.50	-0.024	0.004	1.97E-09	-0.017	0.008	2.70E-02
T2DM	rs9913225	G	0.37	0.026	0.004	5.75E-11	-0.006	0.008	4.70E-01
T2DM	rs10048404	C	0.66	0.031	0.005	6.78E-09	-0.009	0.008	3.60E-01
T2DM	rs12454712	C	0.41	-0.042	0.004	1.57E-27	-0.016	0.008	5.70E-02
T2DM	rs17747955	C	0.45	0.022	0.004	2.14E-08	0.005	0.008	5.20E-01
T2DM	rs2032217	G	0.67	-0.027	0.004	2.08E-11	-0.015	0.009	1.10E-01
T2DM	rs303760	C	0.69	-0.033	0.004	3.18E-14	-0.005	0.008	3.70E-01
T2DM	rs410150	C	0.21	0.029	0.005	1.74E-09	0.012	0.010	2.00E-01
T2DM	rs6565922	C	0.58	-0.028	0.004	8.44E-13	0.024	0.008	2.90E-03
T2DM	rs6567160	C	0.24	0.054	0.004	1.68E-34	-0.004	0.009	8.60E-01
T2DM	rs7227272	G	0.82	0.041	0.006	3.20E-13	-0.016	0.013	1.90E-01
T2DM	rs7240767	C	0.48	0.034	0.005	2.62E-11	0.006	0.008	5.30E-01
T2DM	rs9319943	C	0.21	-0.031	0.005	1.39E-10	-0.009	0.010	5.30E-01
T2DM	rs9958640	G	0.60	-0.024	0.004	1.92E-08	0.004	0.009	5.30E-01
T2DM	rs10404726	C	0.48	0.026	0.004	1.27E-09	0.006	0.008	4.90E-01
T2DM	rs10408163	C	0.60	0.032	0.004	1.18E-13	-0.003	0.009	7.00E-01
T2DM	rs12185519	C	0.81	-0.036	0.005	2.62E-11	-0.025	0.010	1.20E-02
T2DM	rs142385484	C	0.85	0.034	0.006	2.14E-08	0.022	0.011	3.60E-02
T2DM	rs2115107	G	0.59	-0.036	0.004	5.49E-20	-0.017	0.008	3.20E-02
T2DM	rs2867570	G	0.57	0.026	0.004	2.62E-11	0.010	0.008	2.00E-01
T2DM	rs429358	C	0.15	-0.059	0.006	2.02E-26	-0.121	0.011	1.50E-29
T2DM	rs4805881	C	0.62	-0.038	0.004	2.53E-22	-0.010	0.008	2.20E-01
T2DM	rs4807125	C	0.85	-0.033	0.006	3.29E-08	-0.016	0.011	1.40E-01
T2DM	rs58542926	C	0.93	-0.072	0.007	1.32E-23	-0.289	0.015	2.80E-85
T2DM	rs7246440	G	0.62	0.030	0.004	3.56E-12	0.000	0.009	9.10E-01
T2DM	rs75253922	C	0.18	0.040	0.005	9.74E-14	0.017	0.010	3.90E-02
T2DM	rs8107527	G	0.62	-0.054	0.004	7.92E-42	-0.009	0.009	3.60E-01
T2DM	rs9384	G	0.66	0.040	0.004	6.61E-23	-0.001	0.008	8.00E-01
T2DM	rs12625671	C	0.23	0.060	0.006	5.72E-28	0.008	0.013	5.10E-01
T2DM	rs17265513	C	0.19	0.033	0.006	2.76E-09	0.008	0.010	2.80E-01
T2DM	rs2252115	G	0.43	-0.024	0.004	1.23E-09	-0.003	0.008	5.80E-01
T2DM	rs4809906	G	0.62	0.035	0.004	6.41E-18	0.017	0.008	2.70E-02
T2DM	rs4810145	C	0.52	0.030	0.004	1.54E-15	0.000	0.008	9.40E-01
T2DM	rs6011155	C	0.41	-0.028	0.004	3.29E-13	-0.017	0.008	2.00E-02
T2DM	rs6021276	C	0.63	-0.028	0.004	1.49E-12	0.003	0.008	8.10E-01
T2DM	rs6059662	G	0.70	0.037	0.004	9.37E-18	0.017	0.008	2.60E-02
T2DM	rs6066138	G	0.74	0.042	0.005	4.03E-19	-0.001	0.009	8.00E-01
T2DM	rs6073143	C	0.73	0.030	0.004	4.88E-12	0.015	0.009	1.30E-01
T2DM	rs6137042	G	0.70	0.026	0.005	2.20E-08	0.004	0.010	5.90E-01
T2DM	rs7274134	C	0.67	0.025	0.004	1.70E-09	0.011	0.009	3.30E-01
T2DM	rs11913442	C	0.38	-0.025	0.004	9.07E-10	-0.003	0.008	7.70E-01
T2DM	rs138771	G	0.69	-0.026	0.004	3.95E-09	-0.002	0.010	8.10E-01
T2DM	rs1801645	C	0.28	0.037	0.005	9.48E-17	-0.004	0.009	8.50E-01
T2DM	rs2240716	C	0.71	-0.026	0.004	4.43E-10	0.009	0.008	2.10E-01
T2DM	rs3747207	G	0.72	-0.041	0.004	7.70E-21	-0.192	0.009	2.60E-92
T2DM	rs56392746	G	0.92	0.058	0.008	2.57E-14	0.009	0.013	4.60E-01
T2DM	rs5762925	C	0.38	0.027	0.004	7.59E-12	0.003	0.008	8.20E-01
T2DM	rs75307421	G	0.97	-0.074	0.013	2.36E-08	-0.003	0.031	9.70E-01
Television	rs10737620	T	0.27	0.014	0.002	2.55E-09	0.004	0.009	5.10E-01

Television	rs11810109	A	0.70	0.016	0.002	5.38E-12	0.002	0.008	7.80E-01
Television	rs148648822	G	0.84	-0.018	0.003	4.22E-09	0.000	0.011	9.80E-01
Television	rs17379561	A	0.86	-0.025	0.003	1.08E-16	-0.019	0.011	5.70E-02
Television	rs4845364	A	0.50	-0.015	0.002	1.28E-12	0.003	0.008	6.00E-01
Television	rs631130	T	0.37	-0.014	0.002	5.04E-09	-0.007	0.008	4.90E-01
Television	rs6673341	T	0.47	-0.015	0.002	2.23E-11	-0.003	0.008	5.80E-01
Television	rs72725224	A	0.98	-0.046	0.008	3.74E-09	-0.022	0.028	4.70E-01
Television	rs984409	G	0.36	-0.015	0.002	4.13E-11	-0.013	0.008	1.00E-01
Television	rs10189857	A	0.57	-0.020	0.002	6.19E-21	0.007	0.008	2.90E-01
Television	rs10932837	C	0.49	-0.013	0.002	1.34E-09	-0.008	0.008	2.80E-01
Television	rs11689199	A	0.60	0.018	0.002	5.47E-17	0.005	0.008	4.70E-01
Television	rs12105701	C	0.40	-0.013	0.002	5.43E-09	-0.004	0.008	6.20E-01
Television	rs1451533	G	0.72	-0.016	0.002	1.09E-10	0.005	0.009	3.80E-01
Television	rs2971640	G	0.51	-0.013	0.002	4.20E-09	0.003	0.008	7.80E-01
Television	rs374722	G	0.15	0.024	0.003	5.49E-16	-0.003	0.011	5.30E-01
Television	rs3754970	T	0.50	-0.015	0.002	4.80E-12	-0.001	0.008	7.10E-01
Television	rs4577309	A	0.47	0.016	0.002	1.56E-13	-0.006	0.008	5.00E-01
Television	rs4973576	C	0.30	-0.015	0.002	1.04E-09	0.007	0.009	3.90E-01
Television	rs62641636	A	0.69	0.014	0.002	6.99E-10	0.009	0.008	3.10E-01
Television	rs6721975	T	0.23	-0.017	0.003	1.71E-10	-0.015	0.009	8.90E-02
Television	rs72781699	G	0.80	-0.019	0.003	3.05E-12	-0.015	0.010	1.60E-01
Television	rs7564130	T	0.64	-0.015	0.002	2.77E-11	0.004	0.008	6.80E-01
Television	rs11130793	C	0.60	0.013	0.002	5.04E-09	-0.006	0.008	6.00E-01
Television	rs114600294	G	0.79	-0.016	0.003	7.88E-10	-0.014	0.009	1.30E-01
Television	rs11714337	G	0.57	0.014	0.002	4.72E-11	0.010	0.008	2.30E-01
Television	rs12491503	G	0.67	-0.014	0.002	5.55E-10	-0.009	0.008	2.90E-01
Television	rs2034768	A	0.49	0.015	0.002	8.62E-12	0.012	0.008	9.20E-02
Television	rs3796386	G	0.57	-0.026	0.002	3.23E-33	-0.013	0.008	8.40E-02
Television	rs56398417	C	0.69	0.014	0.002	5.87E-10	0.007	0.008	3.30E-01
Television	rs6797840	A	0.46	-0.016	0.002	1.67E-13	-0.008	0.008	3.10E-01
Television	rs9834970	T	0.50	0.013	0.002	3.27E-09	0.005	0.008	5.60E-01
Television	rs9867121	C	0.82	0.019	0.003	3.88E-12	0.007	0.010	4.50E-01
Television	rs13107325	C	0.93	-0.029	0.004	1.49E-12	-0.011	0.015	4.00E-01
Television	rs34811474	G	0.77	0.015	0.003	2.28E-09	0.011	0.009	2.70E-01
Television	rs66852340	C	0.78	-0.018	0.003	7.91E-12	0.005	0.009	6.90E-01
Television	rs6825241	C	0.54	-0.017	0.002	4.92E-15	-0.008	0.008	2.00E-01
Television	rs6850494	A	0.62	-0.014	0.002	1.13E-10	-0.012	0.008	7.90E-02
Television	rs7693082	G	0.30	0.015	0.002	1.65E-10	0.013	0.009	1.20E-01
Television	rs7693703	G	0.91	0.023	0.004	2.73E-09	-0.005	0.014	8.10E-01
Television	rs10041724	T	0.81	0.018	0.003	3.92E-11	0.007	0.010	4.80E-01
Television	rs10054327	G	0.58	0.017	0.002	3.45E-15	0.024	0.008	4.10E-03
Television	rs1031423	T	0.22	-0.019	0.003	1.76E-12	0.001	0.009	7.90E-01
Television	rs262890	A	0.70	-0.019	0.002	3.21E-15	-0.002	0.008	7.20E-01
Television	rs42210	G	0.29	-0.014	0.002	7.35E-09	0.006	0.009	4.50E-01
Television	rs57585211	T	0.83	-0.017	0.003	4.33E-09	-0.005	0.010	5.60E-01
Television	rs62379379	G	0.93	-0.026	0.004	7.79E-10	-0.016	0.015	3.10E-01
Television	rs72828890	C	0.87	0.019	0.003	4.95E-09	0.020	0.012	7.00E-02
Television	rs7716447	A	0.64	-0.013	0.002	3.64E-09	-0.007	0.008	4.90E-01
Television	rs10947452	T	0.35	0.014	0.002	6.36E-10	0.005	0.008	5.90E-01
Television	rs17789218	T	0.76	0.019	0.003	1.39E-13	-0.012	0.009	2.00E-01
Television	rs2184364	A	0.78	0.016	0.003	3.00E-09	0.021	0.009	8.40E-03
Television	rs3135044	C	0.64	-0.015	0.002	8.68E-11	-0.017	0.008	3.60E-02
Television	rs6905544	A	0.40	-0.019	0.002	8.46E-18	-0.021	0.008	5.00E-03
Television	rs72834698	G	0.86	0.023	0.003	2.74E-13	0.011	0.011	3.20E-01
Television	rs77589760	C	0.96	0.037	0.006	4.08E-10	-0.002	0.021	9.50E-01
Television	rs78394231	T	0.90	-0.021	0.004	9.67E-09	0.015	0.013	2.40E-01

Television	rs9471333	C	0.45	0.013	0.002	1.54E-09	0.012	0.008	8.40E-02
Television	rs9718104	T	0.94	-0.041	0.005	9.31E-19	-0.027	0.016	1.30E-01
Television	rs17568389	T	0.49	0.015	0.002	8.57E-13	0.006	0.008	5.60E-01
Television	rs62471080	G	0.54	-0.013	0.002	3.66E-09	-0.004	0.008	4.90E-01
Television	rs7788008	G	0.57	0.013	0.002	5.88E-09	0.005	0.008	4.70E-01
Television	rs6472942	T	0.57	-0.013	0.002	1.77E-09	0.015	0.008	4.30E-02
Television	rs7834121	G	0.50	-0.014	0.002	1.11E-10	0.006	0.008	3.50E-01
Television	rs10739499	C	0.34	0.014	0.002	1.52E-09	-0.008	0.008	2.60E-01
Television	rs12342024	G	0.89	-0.021	0.003	1.74E-09	-0.041	0.012	9.50E-04
Television	rs12554512	T	0.58	0.021	0.002	3.76E-21	-0.002	0.008	7.10E-01
Television	rs2073869	C	0.83	0.019	0.003	1.54E-10	0.005	0.010	9.10E-01
Television	rs2291681	G	0.58	0.013	0.002	7.91E-09	-0.001	0.008	9.50E-01
Television	rs2616830	G	0.46	0.016	0.002	2.89E-14	-0.011	0.008	8.10E-02
Television	rs34864022	A	0.93	-0.026	0.004	1.41E-09	0.009	0.016	5.10E-01
Television	rs4382592	T	0.30	0.014	0.002	6.68E-09	0.013	0.008	5.90E-02
Television	rs7043521	A	0.43	0.014	0.002	6.49E-11	0.013	0.008	9.80E-02
Television	rs870151	T	0.53	-0.016	0.002	8.82E-13	-0.003	0.008	7.20E-01
Television	rs10786658	A	0.41	-0.014	0.002	4.63E-11	0.008	0.008	2.50E-01
Television	rs11245482	T	0.61	-0.013	0.002	2.57E-09	-0.008	0.008	2.60E-01
Television	rs1243182	C	0.69	-0.019	0.002	2.03E-15	-0.018	0.008	5.70E-02
Television	rs17727474	C	0.83	0.018	0.003	3.07E-09	0.013	0.011	1.60E-01
Television	rs2045147	A	0.45	0.013	0.002	5.87E-09	-0.011	0.008	1.80E-01
Television	rs11218575	C	0.57	0.015	0.002	2.08E-12	0.004	0.008	7.00E-01
Television	rs17207890	G	0.66	0.016	0.002	6.73E-12	0.010	0.008	3.40E-01
Television	rs648044	A	0.40	-0.014	0.002	1.03E-09	-0.014	0.008	6.40E-02
Television	rs74802478	G	0.82	0.017	0.003	3.52E-09	0.003	0.010	7.20E-01
Television	rs801733	A	0.64	0.017	0.002	7.32E-14	0.003	0.008	8.00E-01
Television	rs10771746	C	0.72	-0.014	0.002	2.46E-09	-0.002	0.009	7.60E-01
Television	rs10772643	C	0.11	0.025	0.003	1.32E-12	0.015	0.012	2.40E-01
Television	rs10876864	G	0.43	-0.013	0.002	1.01E-09	-0.011	0.008	2.50E-01
Television	rs2173650	G	0.85	0.018	0.003	4.56E-09	0.008	0.011	4.30E-01
Television	rs74996610	C	0.95	-0.031	0.005	4.10E-09	0.037	0.019	4.00E-02
Television	rs8756	C	0.48	-0.013	0.002	5.33E-10	-0.024	0.008	2.90E-03
Television	rs553397860	A	0.84	0.017	0.003	8.90E-09	0.009	0.011	3.60E-01
Television	rs56858768	G	0.70	-0.015	0.002	3.40E-10	-0.002	0.009	7.80E-01
Television	rs7991062	C	0.66	-0.018	0.002	8.82E-15	-0.004	0.008	8.10E-01
Television	rs9563168	G	0.79	0.018	0.003	4.30E-11	-0.005	0.010	6.70E-01
Television	rs9569734	A	0.84	0.019	0.003	3.38E-10	0.016	0.011	1.10E-01
Television	rs10145592	C	0.41	-0.015	0.002	1.78E-11	-0.013	0.008	1.40E-01
Television	rs2460	G	0.74	-0.015	0.002	4.96E-10	-0.010	0.009	3.10E-01
Television	rs61331678	G	0.57	0.015	0.002	6.06E-12	0.000	0.008	9.20E-01
Television	rs142710267	T	0.65	0.016	0.002	6.65E-12	-0.009	0.008	2.60E-01
Television	rs7184800	G	0.70	0.017	0.002	8.18E-13	0.016	0.008	4.70E-02
Television	rs7189927	T	0.36	0.015	0.002	3.36E-11	0.019	0.008	2.50E-02
Television	rs749671	G	0.63	0.016	0.002	2.67E-12	0.002	0.008	8.10E-01
Television	rs2447098	C	0.48	-0.015	0.002	6.82E-12	-0.004	0.008	6.90E-01
Television	rs2584597	T	0.66	0.015	0.002	2.92E-10	-0.008	0.009	3.80E-01
Television	rs9902312	T	0.68	0.015	0.002	4.55E-11	-0.010	0.008	2.00E-01
Television	rs303753	G	0.65	-0.014	0.002	2.74E-10	-0.006	0.008	3.50E-01
Television	rs9964724	C	0.32	0.018	0.002	3.34E-14	0.003	0.008	6.50E-01
Television	rs111901094	G	0.82	-0.017	0.003	1.98E-09	-0.106	0.010	1.80E-25
Television	rs7248205	C	0.40	0.014	0.002	3.35E-10	0.003	0.008	6.70E-01
Television	rs56103247	C	0.94	0.030	0.005	3.78E-10	0.042	0.017	5.70E-03
Television	rs6131281	C	0.60	0.016	0.002	3.07E-13	0.009	0.008	1.70E-01
Television	rs6141814	C	0.61	-0.014	0.002	1.31E-09	-0.004	0.008	7.60E-01
TG	rs10797996	C	0.43	0.014	0.002	5.33E-12	0.020	0.008	7.00E-03

TG	rs10863828	T	0.76	0.013	0.002	1.79E-08	-0.001	0.009	8.90E-01
TG	rs11118310	A	0.41	-0.019	0.002	2.33E-21	-0.017	0.008	4.60E-02
TG	rs11122450	T	0.39	0.048	0.002	9.96E-124	0.014	0.008	9.40E-02
TG	rs11206374	G	0.78	-0.025	0.002	8.75E-26	-0.001	0.009	8.30E-01
TG	rs11240358	G	0.61	-0.013	0.002	4.03E-11	-0.006	0.008	4.30E-01
TG	rs114052230	C	0.83	0.020	0.003	3.48E-13	0.017	0.011	6.70E-02
TG	rs114165349	G	0.98	-0.082	0.007	3.96E-35	-0.027	0.026	2.70E-01
TG	rs12138136	T	0.91	0.025	0.004	4.62E-12	0.006	0.014	7.60E-01
TG	rs12749691	A	0.70	0.020	0.002	1.09E-20	-0.003	0.008	7.30E-01
TG	rs1365297	A	0.82	0.018	0.003	9.21E-13	-0.003	0.010	8.00E-01
TG	rs184694823	A	0.92	-0.021	0.004	1.80E-08	-0.010	0.014	5.60E-01
TG	rs1938566	C	0.17	0.021	0.003	1.61E-15	0.015	0.010	1.00E-01
TG	rs2131311	A	0.29	0.012	0.002	3.32E-08	0.018	0.009	3.80E-02
TG	rs213494	C	0.35	-0.016	0.002	7.63E-14	-0.011	0.008	2.10E-01
TG	rs320369	A	0.32	0.012	0.002	1.13E-08	-0.007	0.008	2.50E-01
TG	rs36043408	G	0.50	0.013	0.002	1.04E-10	0.009	0.008	2.10E-01
TG	rs61780049	A	0.85	-0.015	0.003	3.17E-08	-0.025	0.011	2.60E-02
TG	rs61830291	A	0.90	-0.029	0.003	1.26E-17	-0.023	0.013	7.40E-02
TG	rs6424109	C	0.13	-0.020	0.003	3.13E-11	0.007	0.012	5.10E-01
TG	rs6690181	T	0.62	0.014	0.002	1.48E-11	0.015	0.008	6.50E-02
TG	rs6700266	G	0.66	0.013	0.002	2.05E-09	-0.010	0.008	3.10E-01
TG	rs72904737	G	0.91	0.027	0.004	1.22E-14	0.009	0.014	4.70E-01
TG	rs880315	T	0.66	0.012	0.002	1.57E-08	0.011	0.008	7.60E-02
TG	rs9436661	T	0.65	0.078	0.002	5.14E-304	-0.004	0.008	8.30E-01
TG	rs9970140	A	0.92	0.025	0.004	1.45E-11	-0.035	0.015	2.20E-02
TG	rs1009360	T	0.58	0.019	0.002	2.99E-20	0.009	0.008	3.20E-01
TG	rs10172544	C	0.59	0.011	0.002	1.55E-08	0.012	0.008	8.40E-02
TG	rs10176110	T	0.87	-0.024	0.003	8.37E-16	-0.010	0.012	3.40E-01
TG	rs10180284	C	0.52	0.011	0.002	8.69E-09	0.015	0.008	9.30E-02
TG	rs12472667	C	0.63	-0.014	0.002	2.21E-11	-0.018	0.008	2.60E-02
TG	rs13389219	C	0.61	0.037	0.002	7.74E-76	0.036	0.008	1.00E-05
TG	rs17326656	G	0.76	-0.018	0.002	4.13E-14	-0.022	0.009	1.40E-02
TG	rs182636083	C	0.48	0.027	0.002	7.38E-32	0.004	0.009	4.50E-01
TG	rs1861435	T	0.58	0.014	0.002	2.53E-12	0.015	0.008	5.80E-02
TG	rs2110690	A	0.49	-0.011	0.002	4.30E-08	-0.010	0.008	1.80E-01
TG	rs2382825	C	0.38	0.013	0.002	1.64E-10	0.030	0.008	8.80E-05
TG	rs2943645	C	0.35	-0.040	0.002	1.15E-83	-0.018	0.008	2.00E-02
TG	rs3731696	A	0.88	-0.022	0.003	6.42E-13	0.006	0.012	6.90E-01
TG	rs3820897	T	0.18	-0.020	0.003	3.82E-14	-0.015	0.010	1.40E-01
TG	rs4128205	A	0.49	-0.012	0.002	5.04E-09	-0.016	0.008	3.90E-02
TG	rs4662414	A	0.55	0.012	0.002	2.13E-09	-0.018	0.008	1.60E-02
TG	rs4665972	T	0.40	0.100	0.002	0.00E+00	0.037	0.008	1.50E-06
TG	rs4675812	G	0.41	0.014	0.002	9.79E-13	0.011	0.008	1.80E-01
TG	rs57074291	C	0.74	0.014	0.002	4.30E-10	0.003	0.009	7.40E-01
TG	rs58839393	A	0.84	-0.017	0.003	1.80E-10	-0.023	0.011	3.10E-02
TG	rs62130120	G	0.54	0.011	0.002	4.15E-08	-0.003	0.008	6.90E-01
TG	rs6531216	G	0.47	-0.018	0.002	2.40E-20	-0.016	0.008	7.20E-02
TG	rs6708784	A	0.51	0.013	0.002	1.90E-10	0.000	0.008	9.60E-01
TG	rs6722159	T	0.51	0.011	0.002	3.05E-08	0.009	0.008	2.00E-01
TG	rs676210	G	0.79	0.073	0.002	5.54E-197	0.004	0.010	6.10E-01
TG	rs72917533	T	0.81	0.014	0.003	3.79E-08	0.017	0.010	8.30E-02
TG	rs7424120	C	0.40	0.012	0.002	5.68E-09	-0.010	0.008	2.70E-01
TG	rs75225803	C	0.91	0.024	0.004	3.46E-11	0.018	0.014	1.70E-01
TG	rs7596814	G	0.71	0.013	0.002	7.31E-09	0.014	0.008	6.10E-02
TG	rs76172517	T	0.89	0.018	0.003	1.53E-08	0.020	0.012	1.40E-01
TG	rs77631110	A	0.98	-0.053	0.008	7.28E-11	0.029	0.031	3.70E-01

TG	rs78058190	G	0.95	-0.082	0.005	3.15E-57	-0.024	0.020	2.70E-01
TG	rs935168	G	0.35	-0.014	0.002	8.07E-12	-0.011	0.008	1.10E-01
TG	rs954244	C	0.75	-0.015	0.002	1.91E-11	-0.022	0.009	6.30E-03
TG	rs1152847	G	0.65	0.012	0.002	2.65E-08	0.006	0.008	5.00E-01
TG	rs13066793	A	0.91	0.022	0.003	1.05E-10	0.031	0.013	1.90E-02
TG	rs2194411	G	0.87	0.017	0.003	1.31E-08	0.036	0.012	2.10E-03
TG	rs2342371	G	0.27	0.013	0.002	1.16E-08	0.002	0.009	7.60E-01
TG	rs2455821	C	0.73	-0.013	0.002	2.25E-09	-0.018	0.009	3.80E-02
TG	rs3103310	A	0.76	-0.020	0.002	6.23E-18	-0.018	0.009	4.20E-02
TG	rs5402	T	0.88	-0.024	0.003	1.59E-15	-0.024	0.012	3.40E-02
TG	rs62271373	T	0.94	-0.042	0.004	5.70E-23	-0.046	0.017	6.40E-03
TG	rs6792725	A	0.31	0.015	0.002	3.51E-12	-0.005	0.009	5.00E-01
TG	rs6798755	C	0.93	0.025	0.004	2.45E-10	0.047	0.016	3.00E-03
TG	rs6800707	C	0.19	-0.030	0.003	1.24E-31	0.001	0.010	8.60E-01
TG	rs6805924	G	0.57	-0.011	0.002	4.79E-08	0.008	0.008	3.50E-01
TG	rs684773	A	0.23	-0.029	0.002	3.00E-35	-0.013	0.009	1.90E-01
TG	rs7631606	T	0.73	0.014	0.002	1.05E-09	0.014	0.009	1.10E-01
TG	rs79287178	G	0.97	-0.050	0.006	7.02E-17	-0.009	0.023	6.70E-01
TG	rs79983121	C	0.80	-0.015	0.002	9.02E-10	-0.023	0.010	9.60E-03
TG	rs9812100	G	0.52	0.013	0.002	2.25E-10	0.007	0.008	3.30E-01
TG	rs9831084	T	0.54	0.012	0.002	6.07E-09	0.012	0.008	1.60E-01
TG	rs11100083	T	0.77	0.016	0.002	1.36E-11	0.011	0.009	2.60E-01
TG	rs1126673	C	0.30	-0.014	0.002	1.40E-10	0.015	0.008	7.70E-02
TG	rs11722924	G	0.46	-0.013	0.002	1.08E-10	0.017	0.008	3.20E-02
TG	rs12504746	C	0.81	0.015	0.003	1.96E-09	0.006	0.010	5.70E-01
TG	rs13101719	T	0.58	-0.020	0.002	4.09E-16	-0.013	0.009	1.50E-01
TG	rs13101828	A	0.55	0.012	0.002	1.49E-09	0.008	0.008	2.30E-01
TG	rs13107325	C	0.93	-0.030	0.004	5.73E-15	-0.011	0.015	4.00E-01
TG	rs13108218	A	0.39	0.031	0.002	8.21E-50	0.005	0.008	5.60E-01
TG	rs1347188	A	0.75	-0.014	0.002	1.66E-09	-0.004	0.009	6.60E-01
TG	rs2035816	A	0.92	0.028	0.004	5.65E-15	0.062	0.014	9.20E-06
TG	rs2237029	G	0.40	0.014	0.002	8.47E-12	0.006	0.008	4.20E-01
TG	rs3775228	C	0.60	-0.034	0.002	2.55E-62	-0.005	0.008	5.60E-01
TG	rs3822072	G	0.55	-0.015	0.002	4.57E-14	-0.011	0.008	1.10E-01
TG	rs4450871	A	0.56	0.014	0.002	5.82E-12	0.014	0.008	1.30E-01
TG	rs71603401	A	0.86	-0.026	0.003	1.68E-19	-0.011	0.011	2.40E-01
TG	rs73243877	A	0.83	-0.029	0.003	9.68E-28	-0.017	0.010	7.60E-02
TG	rs7681288	G	0.34	-0.012	0.002	1.58E-08	0.018	0.008	3.30E-02
TG	rs7694869	A	0.38	0.011	0.002	4.92E-08	-0.007	0.008	3.30E-01
TG	rs78025076	C	0.98	-0.048	0.007	6.35E-12	0.009	0.028	5.00E-01
TG	rs1030472	A	0.79	-0.023	0.002	8.60E-21	-0.021	0.010	2.90E-02
TG	rs1045241	C	0.73	0.021	0.002	2.35E-20	0.005	0.009	5.40E-01
TG	rs112424890	C	0.82	-0.017	0.003	3.66E-11	-0.003	0.010	7.20E-01
TG	rs11746801	G	0.36	0.012	0.002	2.47E-09	0.015	0.008	6.60E-02
TG	rs1316753	G	0.61	0.015	0.002	8.34E-13	0.008	0.008	1.80E-01
TG	rs193735	G	0.96	-0.033	0.005	7.07E-10	0.020	0.020	2.90E-01
TG	rs325485	A	0.40	0.012	0.002	9.42E-09	0.017	0.008	1.90E-02
TG	rs34580448	T	0.96	0.034	0.005	1.06E-11	0.014	0.020	6.40E-01
TG	rs37538	G	0.40	0.014	0.002	1.42E-12	0.006	0.008	3.60E-01
TG	rs3936511	A	0.81	-0.046	0.003	6.03E-74	-0.041	0.010	3.90E-05
TG	rs4976033	A	0.60	-0.018	0.002	2.93E-18	-0.012	0.008	1.60E-01
TG	rs55646464	G	0.70	-0.012	0.002	1.29E-08	-0.004	0.008	4.70E-01
TG	rs62397245	C	0.78	-0.015	0.002	4.49E-10	-0.019	0.009	6.00E-02
TG	rs6882076	T	0.37	-0.033	0.002	1.93E-57	0.018	0.008	2.40E-02
TG	rs7244	G	0.83	-0.015	0.003	5.61E-09	-0.011	0.010	4.20E-01
TG	rs72801474	G	0.91	0.031	0.003	4.51E-19	0.040	0.013	2.70E-03

TG	rs76957426	C	0.70	-0.012	0.002	2.29E-08	-0.004	0.008	5.10E-01
TG	rs7704653	A	0.28	-0.016	0.002	4.00E-12	-0.002	0.009	9.90E-01
TG	rs7714361	A	0.77	-0.014	0.002	8.81E-09	-0.006	0.009	5.60E-01
TG	rs7735249	C	0.89	-0.027	0.003	1.96E-17	0.001	0.012	8.30E-01
TG	rs1281978	C	0.47	0.011	0.002	1.02E-08	-0.002	0.008	6.70E-01
TG	rs138191773	G	0.98	0.048	0.008	1.72E-09	0.033	0.031	2.30E-01
TG	rs1835346	A	0.98	0.039	0.007	3.05E-09	0.030	0.025	2.10E-01
TG	rs185139895	G	0.96	-0.043	0.005	1.28E-18	-0.052	0.019	5.40E-03
TG	rs186696265	C	0.99	0.104	0.008	4.84E-36	0.074	0.033	4.00E-02
TG	rs192955957	C	0.90	-0.046	0.004	5.43E-28	0.002	0.016	8.50E-01
TG	rs2277083	A	0.44	0.015	0.002	2.07E-14	0.013	0.008	8.50E-02
TG	rs2499797	G	0.16	0.015	0.003	9.38E-09	0.017	0.011	9.40E-02
TG	rs28383314	T	0.38	-0.038	0.002	4.20E-76	-0.008	0.008	2.80E-01
TG	rs41273040	G	0.98	-0.057	0.007	4.03E-18	0.000	0.026	9.00E-01
TG	rs4134963	C	0.81	0.019	0.003	1.50E-13	0.020	0.010	3.30E-02
TG	rs41552812	C	0.93	0.057	0.005	3.15E-29	0.032	0.020	1.50E-01
TG	rs4709746	C	0.87	0.019	0.003	6.09E-11	0.029	0.011	1.80E-02
TG	rs4714001	G	0.36	-0.012	0.002	4.40E-09	-0.003	0.008	6.20E-01
TG	rs540973884	T	0.40	0.029	0.002	3.06E-45	0.013	0.008	6.60E-02
TG	rs62427982	C	0.68	0.013	0.002	1.14E-09	0.022	0.008	7.00E-03
TG	rs6458869	C	0.36	0.018	0.002	7.10E-18	0.011	0.008	1.60E-01
TG	rs6913325	G	0.55	0.011	0.002	3.23E-08	0.004	0.008	6.40E-01
TG	rs6916318	A	0.47	-0.027	0.002	1.84E-40	-0.029	0.008	4.20E-04
TG	rs6924805	G	0.41	0.011	0.002	3.67E-08	-0.003	0.008	6.80E-01
TG	rs729761	T	0.29	-0.018	0.002	1.12E-15	0.001	0.009	7.60E-01
TG	rs73025562	G	0.75	-0.014	0.002	2.32E-09	0.011	0.009	2.40E-01
TG	rs77009508	A	0.93	-0.045	0.004	4.40E-32	-0.015	0.015	3.10E-01
TG	rs78588343	G	0.82	0.016	0.003	1.70E-09	0.014	0.010	2.10E-01
TG	rs9274390	C	0.86	0.030	0.003	1.40E-18	0.019	0.013	2.10E-01
TG	rs9375694	G	0.30	-0.017	0.002	7.38E-16	-0.020	0.008	2.50E-02
TG	rs9376511	A	0.80	0.015	0.002	9.07E-10	0.005	0.010	7.40E-01
TG	rs9480889	C	0.22	-0.016	0.002	1.30E-11	0.005	0.009	6.20E-01
TG	rs9496567	G	0.76	0.014	0.002	5.27E-09	-0.013	0.009	1.80E-01
TG	rs998584	C	0.52	-0.040	0.002	4.93E-89	-0.018	0.008	2.20E-02
TG	rs10242866	C	0.60	-0.016	0.002	1.76E-14	0.009	0.008	3.00E-01
TG	rs10243434	T	0.41	0.017	0.002	1.36E-15	0.009	0.008	1.80E-01
TG	rs111914893	C	0.95	-0.028	0.005	1.09E-09	-0.026	0.018	1.60E-01
TG	rs11980456	G	0.71	-0.012	0.002	2.64E-08	0.005	0.009	5.50E-01
TG	rs12530679	A	0.52	0.012	0.002	1.13E-09	0.009	0.008	2.30E-01
TG	rs12669911	A	0.39	0.012	0.002	1.17E-08	0.018	0.008	4.20E-02
TG	rs139453187	T	0.93	-0.023	0.004	3.28E-09	-0.029	0.015	1.10E-01
TG	rs1799831	C	0.84	-0.025	0.003	3.44E-19	-0.009	0.011	4.00E-01
TG	rs2240466	G	0.88	0.123	0.003	0.00E+00	-0.016	0.012	1.60E-01
TG	rs2699805	G	0.60	0.020	0.002	2.37E-23	0.009	0.008	2.40E-01
TG	rs41785	C	0.58	0.015	0.002	1.84E-13	-0.004	0.008	5.60E-01
TG	rs4722551	T	0.84	0.037	0.003	1.43E-42	0.016	0.011	8.70E-02
TG	rs4731701	C	0.51	0.033	0.002	3.31E-61	0.012	0.008	7.50E-02
TG	rs498475	G	0.37	0.012	0.002	1.66E-08	0.024	0.008	2.60E-03
TG	rs535241194	A	0.79	-0.021	0.002	2.85E-17	-0.018	0.010	7.90E-02
TG	rs56321085	G	0.92	-0.020	0.004	4.80E-08	-0.012	0.014	3.80E-01
TG	rs62459095	C	0.94	0.032	0.004	7.67E-14	-0.016	0.017	4.90E-01
TG	rs62473520	T	0.92	0.021	0.004	2.90E-08	-0.021	0.015	1.90E-01
TG	rs6465120	A	0.51	0.013	0.002	2.59E-10	0.000	0.008	9.10E-01
TG	rs6968865	A	0.37	-0.015	0.002	8.33E-14	-0.003	0.008	4.30E-01
TG	rs71538127	C	0.88	-0.017	0.003	1.29E-08	-0.004	0.012	8.30E-01
TG	rs72555385	A	0.95	-0.065	0.005	7.88E-45	-0.001	0.018	7.20E-01



TG	rs852388	G	0.79	-0.015	0.002	8.67E-10	-0.027	0.010	2.10E-03
TG	rs113266765	C	0.97	0.033	0.006	1.01E-08	0.022	0.023	2.70E-01
TG	rs114443260	C	0.73	-0.028	0.002	1.08E-36	-0.016	0.009	5.50E-02
TG	rs1149470	T	0.24	0.014	0.002	1.32E-09	0.022	0.009	2.00E-02
TG	rs11781692	C	0.99	-0.075	0.008	2.40E-19	0.033	0.033	4.00E-01
TG	rs13269725	A	0.92	-0.035	0.004	3.95E-21	-0.025	0.014	7.50E-02
TG	rs147011441	G	0.98	-0.042	0.007	1.20E-10	0.000	0.026	9.70E-01
TG	rs1495741	G	0.22	0.038	0.002	6.59E-56	-0.008	0.009	3.70E-01
TG	rs150564454	G	0.99	0.102	0.010	4.61E-26	0.013	0.037	7.00E-01
TG	rs1561928	A	0.12	-0.019	0.003	2.04E-09	-0.006	0.012	6.80E-01
TG	rs2054067	A	0.63	0.011	0.002	4.49E-08	0.002	0.008	6.60E-01
TG	rs2081687	T	0.34	0.026	0.002	5.82E-36	0.015	0.008	5.10E-02
TG	rs308	T	0.98	0.159	0.007	6.48E-115	-0.024	0.028	5.30E-01
TG	rs343	C	0.92	0.141	0.004	0.00E+00	0.034	0.014	2.80E-02
TG	rs34893217	G	0.89	0.018	0.003	2.31E-08	0.006	0.013	6.40E-01
TG	rs35859536	C	0.69	0.014	0.002	2.62E-11	-0.005	0.008	7.20E-01
TG	rs36061954	C	0.60	-0.012	0.002	3.66E-09	-0.003	0.008	8.60E-01
TG	rs3808477	C	0.72	0.013	0.002	2.20E-09	0.002	0.009	6.70E-01
TG	rs383091	T	0.37	-0.013	0.002	5.43E-10	-0.005	0.008	4.90E-01
TG	rs4500049	A	0.47	0.028	0.002	2.66E-44	-0.001	0.008	8.80E-01
TG	rs6999569	A	0.53	0.086	0.002	0.00E+00	0.036	0.008	2.80E-06
TG	rs7000494	G	0.97	-0.136	0.006	4.11E-120	-0.031	0.023	1.70E-01
TG	rs7018436	T	0.69	-0.015	0.002	2.73E-12	-0.008	0.008	3.50E-01
TG	rs72691637	G	0.81	0.015	0.003	2.91E-09	0.003	0.010	8.60E-01
TG	rs75609851	G	0.99	0.199	0.010	4.79E-87	-0.009	0.040	7.40E-01
TG	rs7826246	A	0.90	-0.020	0.004	4.20E-08	0.019	0.014	1.60E-01
TG	rs78376313	T	0.97	-0.048	0.006	4.45E-17	-0.008	0.023	5.50E-01
TG	rs79153732	C	0.98	-0.077	0.008	4.00E-24	0.080	0.030	4.00E-03
TG	rs10797119	T	0.46	-0.016	0.002	5.43E-15	-0.009	0.008	2.10E-01
TG	rs10811662	G	0.83	0.015	0.003	5.91E-09	-0.003	0.010	7.20E-01
TG	rs10962680	C	0.26	0.014	0.002	6.68E-09	0.002	0.009	7.20E-01
TG	rs1567353	C	0.69	-0.015	0.002	3.38E-12	-0.004	0.008	7.10E-01
TG	rs1800978	C	0.88	0.027	0.003	1.08E-18	-0.023	0.012	7.10E-02
TG	rs2131919	A	0.84	-0.017	0.003	1.34E-10	-0.011	0.010	2.70E-01
TG	rs2416759	G	0.30	-0.012	0.002	2.91E-08	-0.012	0.008	1.40E-01
TG	rs2519093	C	0.82	0.021	0.003	1.29E-16	-0.022	0.010	2.40E-02
TG	rs4382584	G	0.73	-0.013	0.002	5.71E-09	0.013	0.009	1.50E-01
TG	rs4564007	T	0.32	0.012	0.002	1.07E-08	0.015	0.008	3.90E-02
TG	rs581080	G	0.18	-0.018	0.003	1.32E-11	-0.012	0.010	1.90E-01
TG	rs62565259	C	0.83	0.017	0.003	1.58E-10	0.011	0.010	2.50E-01
TG	rs696825	C	0.75	0.020	0.002	5.72E-19	0.020	0.009	1.70E-02
TG	rs77824033	T	0.96	0.030	0.005	1.34E-08	-0.014	0.021	4.30E-01
TG	rs7855395	A	0.43	0.012	0.002	6.47E-09	0.002	0.008	7.50E-01
TG	rs10822163	C	0.53	0.032	0.002	2.30E-57	-0.003	0.008	8.50E-01
TG	rs11187027	G	0.79	-0.015	0.002	3.38E-10	-0.020	0.009	3.00E-02
TG	rs1133400	A	0.78	-0.014	0.002	1.02E-08	0.003	0.009	7.00E-01
TG	rs113344423	G	0.94	-0.043	0.004	1.60E-23	-0.016	0.016	4.50E-01
TG	rs1171617	G	0.23	-0.016	0.002	2.39E-11	0.005	0.009	7.00E-01
TG	rs12415159	A	0.85	-0.021	0.003	1.28E-13	0.030	0.011	5.30E-03
TG	rs140107293	A	0.85	0.023	0.003	2.75E-16	0.029	0.011	3.70E-03
TG	rs2068888	G	0.55	0.032	0.002	4.06E-57	0.013	0.008	8.30E-02
TG	rs2420477	T	0.47	0.011	0.002	2.62E-08	0.020	0.008	9.70E-03
TG	rs2487294	G	0.28	-0.018	0.002	1.53E-16	0.053	0.009	4.10E-09
TG	rs2773469	A	0.27	0.019	0.002	1.59E-16	0.004	0.009	7.40E-01
TG	rs3758413	T	0.58	-0.011	0.002	1.76E-08	-0.014	0.008	9.90E-02
TG	rs3829126	G	0.91	-0.023	0.003	2.20E-11	-0.003	0.013	7.50E-01

TG	rs55767272	A	0.93	0.028	0.004	5.97E-12	0.041	0.016	1.30E-02
TG	rs563296	G	0.44	-0.016	0.002	5.55E-16	-0.011	0.008	9.70E-02
TG	rs7077812	T	0.81	-0.014	0.003	2.20E-08	-0.006	0.010	3.80E-01
TG	rs71473777	A	0.88	-0.019	0.003	8.18E-10	-0.027	0.012	1.90E-02
TG	rs75398587	C	0.93	0.025	0.004	1.10E-10	-0.019	0.016	2.30E-01
TG	rs80276949	G	0.98	-0.045	0.007	1.16E-11	-0.039	0.025	1.30E-01
TG	rs878409	G	0.46	0.011	0.002	2.07E-08	0.002	0.008	7.00E-01
TG	rs973709	G	0.44	0.011	0.002	4.52E-08	-0.009	0.008	2.80E-01
TG	rs1064939	A	0.98	0.054	0.007	1.63E-15	0.076	0.026	2.60E-03
TG	rs10750766	C	0.29	-0.020	0.002	3.94E-19	-0.009	0.009	3.00E-01
TG	rs10899490	C	0.84	0.017	0.003	2.40E-10	-0.016	0.011	2.00E-01
TG	rs11030107	A	0.74	-0.016	0.002	8.55E-13	-0.019	0.009	4.80E-02
TG	rs11228377	T	0.41	0.015	0.002	2.50E-14	-0.001	0.008	8.00E-01
TG	rs11231161	A	0.63	-0.017	0.002	9.20E-16	-0.005	0.008	4.30E-01
TG	rs117291242	C	0.96	-0.030	0.005	1.38E-08	0.019	0.020	4.50E-01
TG	rs150555490	C	0.94	0.039	0.004	1.48E-19	-0.008	0.016	7.00E-01
TG	rs174566	A	0.65	-0.049	0.002	2.13E-120	0.000	0.008	1.00E+00
TG	rs2850245	G	0.37	0.017	0.002	9.24E-16	0.006	0.008	5.20E-01
TG	rs326222	T	0.30	-0.025	0.002	1.69E-31	-0.012	0.008	1.30E-01
TG	rs480823	T	0.92	-0.156	0.004	0.00E+00	-0.014	0.014	3.70E-01
TG	rs490972	G	0.53	-0.014	0.002	1.06E-12	-0.012	0.008	1.10E-01
TG	rs4909945	T	0.31	-0.013	0.002	1.24E-09	-0.009	0.008	2.60E-01
TG	rs499293	G	0.34	0.012	0.002	1.71E-08	0.017	0.008	2.10E-02
TG	rs56271783	G	0.95	-0.067	0.005	7.90E-44	-0.020	0.019	3.40E-01
TG	rs61885960	T	0.95	0.032	0.004	8.02E-13	0.039	0.017	1.40E-02
TG	rs61905078	A	0.93	-0.200	0.004	0.00E+00	-0.005	0.015	7.30E-01
TG	rs6486122	C	0.31	-0.020	0.002	2.98E-20	-0.015	0.008	8.60E-02
TG	rs75268115	A	0.92	0.020	0.004	1.23E-08	0.011	0.014	3.80E-01
TG	rs78297458	T	0.98	0.039	0.007	1.34E-08	0.039	0.026	1.30E-01
TG	rs78484485	G	0.95	0.076	0.004	6.37E-67	0.017	0.017	2.50E-01
TG	rs79357714	A	0.95	0.029	0.005	1.58E-09	-0.005	0.019	8.30E-01
TG	rs79634051	G	0.97	0.043	0.006	1.42E-12	0.011	0.023	6.10E-01
TG	rs10842703	A	0.76	-0.015	0.002	2.05E-10	-0.012	0.009	1.30E-01
TG	rs112403212	C	0.86	-0.017	0.003	1.37E-09	0.003	0.011	8.30E-01
TG	rs113439801	C	0.83	0.017	0.003	7.20E-11	-0.003	0.010	7.80E-01
TG	rs12422600	G	0.63	0.013	0.002	1.45E-09	0.007	0.008	3.40E-01
TG	rs1351394	T	0.49	-0.013	0.002	5.02E-11	-0.022	0.008	6.30E-03
TG	rs139386986	C	0.91	0.022	0.004	1.62E-09	0.009	0.014	5.30E-01
TG	rs35104374	T	0.27	0.016	0.002	3.72E-12	0.004	0.009	5.80E-01
TG	rs35763453	T	0.94	-0.028	0.004	9.10E-11	-0.015	0.017	2.80E-01
TG	rs35764600	G	0.60	-0.013	0.002	1.74E-10	0.008	0.008	3.50E-01
TG	rs4760254	G	0.76	0.028	0.002	2.90E-33	0.006	0.009	4.90E-01
TG	rs4761234	T	0.52	0.014	0.002	4.07E-12	-0.007	0.008	3.60E-01
TG	rs4930724	T	0.67	0.026	0.002	3.66E-35	0.023	0.008	6.80E-03
TG	rs580063	T	0.79	0.022	0.002	2.89E-19	0.010	0.010	3.50E-01
TG	rs67981690	A	0.87	-0.030	0.003	1.99E-23	-0.005	0.012	5.30E-01
TG	rs7134375	C	0.57	0.017	0.002	1.18E-17	0.018	0.008	1.70E-02
TG	rs7136223	A	0.72	0.013	0.002	1.81E-08	0.006	0.009	5.60E-01
TG	rs7138037	G	0.77	-0.019	0.002	4.93E-16	0.002	0.009	9.40E-01
TG	rs76895963	T	0.98	0.087	0.008	8.11E-30	0.112	0.030	1.70E-04
TG	rs775633	T	0.35	0.013	0.002	2.80E-09	0.015	0.008	7.40E-02
TG	rs863750	C	0.40	-0.029	0.002	2.04E-45	-0.014	0.008	6.60E-02
TG	rs9788220	T	0.19	-0.016	0.003	9.78E-10	0.028	0.010	4.60E-03
TG	rs9943778	A	0.76	0.015	0.002	7.91E-11	0.001	0.009	7.90E-01
TG	rs1340819	A	0.65	0.012	0.002	4.35E-09	-0.011	0.008	2.60E-01
TG	rs149778057	A	0.67	0.016	0.002	2.54E-12	0.019	0.009	1.10E-02

TG	rs1556124	G	0.23	-0.013	0.002	2.41E-08	-0.014	0.009	4.90E-02
TG	rs2774430	A	0.44	-0.011	0.002	3.53E-08	-0.011	0.008	1.60E-01
TG	rs2812208	G	0.98	0.049	0.007	2.40E-12	0.035	0.026	1.30E-01
TG	rs7140110	T	0.70	-0.028	0.002	5.67E-38	-0.005	0.008	4.40E-01
TG	rs7400002	A	0.77	-0.014	0.002	6.07E-09	0.003	0.009	6.10E-01
TG	rs79192570	G	0.86	0.025	0.003	1.02E-18	0.003	0.011	8.10E-01
TG	rs9553567	T	0.16	-0.015	0.003	2.79E-08	-0.001	0.011	8.70E-01
TG	rs9561643	A	0.69	-0.017	0.002	1.48E-14	0.023	0.008	3.60E-03
TG	rs9584870	T	0.63	0.012	0.002	7.81E-09	0.019	0.008	2.20E-02
TG	rs9600143	A	0.46	0.013	0.002	5.77E-10	-0.008	0.008	3.20E-01
TG	rs12880341	T	0.84	-0.021	0.003	2.95E-14	0.004	0.011	7.00E-01
TG	rs2070341	C	0.40	-0.011	0.002	3.77E-08	-0.010	0.008	2.10E-01
TG	rs2240533	T	0.69	0.013	0.002	2.68E-09	0.020	0.008	9.00E-03
TG	rs56902258	T	0.80	0.015	0.003	2.08E-09	0.012	0.010	3.20E-01
TG	rs61975915	C	0.70	0.012	0.002	3.77E-08	-0.003	0.009	7.90E-01
TG	rs61993685	T	0.92	0.023	0.004	3.63E-10	0.020	0.014	1.50E-01
TG	rs6572807	A	0.73	-0.013	0.002	2.85E-08	-0.005	0.009	4.20E-01
TG	rs10152471	G	0.61	0.013	0.002	4.92E-11	-0.010	0.008	1.90E-01
TG	rs1077835	A	0.78	-0.047	0.002	3.42E-86	0.009	0.009	3.30E-01
TG	rs11635675	T	0.66	-0.024	0.002	4.19E-31	0.015	0.008	7.40E-02
TG	rs12440800	A	0.74	-0.016	0.002	1.96E-12	-0.009	0.009	4.10E-01
TG	rs12591786	C	0.84	0.018	0.003	1.65E-10	0.002	0.011	9.90E-01
TG	rs138751626	A	0.92	-0.028	0.004	3.86E-14	-0.021	0.015	1.40E-01
TG	rs139974673	T	0.97	-0.143	0.006	2.21E-115	-0.037	0.025	1.40E-01
TG	rs1532085	A	0.39	0.031	0.002	3.18E-51	-0.013	0.008	8.90E-02
TG	rs2017500	G	0.49	-0.011	0.002	1.85E-08	-0.003	0.008	8.70E-01
TG	rs28624578	T	0.83	-0.015	0.003	1.91E-08	-0.010	0.010	2.40E-01
TG	rs34245505	C	0.80	-0.016	0.003	4.71E-10	-0.003	0.010	9.10E-01
TG	rs3784310	T	0.72	0.013	0.002	4.26E-09	-0.001	0.009	9.60E-01
TG	rs3826043	C	0.57	0.012	0.002	1.75E-09	0.020	0.008	4.80E-03
TG	rs8025505	C	0.74	-0.017	0.002	4.02E-14	0.002	0.009	7.80E-01
TG	rs9944241	T	0.52	0.012	0.002	2.23E-09	0.000	0.008	8.80E-01
TG	rs12446515	C	0.68	0.033	0.002	3.77E-55	-0.005	0.008	5.40E-01
TG	rs12600110	T	0.62	0.015	0.002	9.29E-13	-0.011	0.008	1.20E-01
TG	rs12926107	A	0.55	-0.013	0.002	1.38E-10	-0.009	0.008	2.00E-01
TG	rs12928099	C	0.70	0.028	0.002	9.63E-38	0.015	0.008	9.80E-02
TG	rs143076454	G	0.98	-0.040	0.007	4.26E-08	-0.007	0.028	8.50E-01
TG	rs1728407	A	0.55	-0.012	0.002	1.01E-08	-0.002	0.008	7.90E-01
TG	rs200293726	A	0.69	-0.013	0.002	3.11E-09	-0.013	0.008	1.00E-01
TG	rs2288004	G	0.62	0.015	0.002	7.35E-13	0.001	0.008	8.50E-01
TG	rs28577186	G	0.34	0.016	0.002	4.10E-14	0.017	0.008	4.80E-02
TG	rs2917677	C	0.59	0.019	0.002	2.61E-20	0.014	0.008	7.40E-02
TG	rs2925979	T	0.30	0.032	0.002	1.42E-49	0.019	0.008	2.20E-02
TG	rs3794695	C	0.81	-0.028	0.003	1.13E-27	-0.009	0.010	4.90E-01
TG	rs3814883	C	0.52	-0.015	0.002	1.38E-13	-0.001	0.008	8.40E-01
TG	rs62064941	A	0.96	0.029	0.005	4.20E-08	0.033	0.020	7.40E-02
TG	rs7186635	A	0.68	-0.012	0.002	3.47E-08	-0.001	0.008	6.80E-01
TG	rs7191623	G	0.79	0.015	0.002	4.61E-10	0.005	0.010	5.10E-01
TG	rs7199293	G	0.47	-0.011	0.002	2.02E-08	-0.007	0.008	3.20E-01
TG	rs79311290	A	0.89	-0.022	0.003	7.02E-11	-0.010	0.013	4.50E-01
TG	rs933574	A	0.52	-0.012	0.002	1.72E-09	0.014	0.008	4.20E-02
TG	rs10775406	A	0.24	-0.020	0.002	1.62E-18	-0.008	0.009	3.90E-01
TG	rs11078597	T	0.81	-0.019	0.003	1.01E-13	0.015	0.010	1.10E-01
TG	rs11078696	G	0.20	0.017	0.003	3.35E-11	0.029	0.010	6.80E-03
TG	rs112162280	C	0.71	0.012	0.002	2.25E-08	0.015	0.009	6.20E-02
TG	rs11657201	A	0.76	-0.013	0.002	2.40E-08	0.001	0.009	8.70E-01

TG	rs116878033	C	0.96	-0.043	0.005	1.12E-15	-0.014	0.021	3.90E-01
TG	rs12185242	A	0.55	-0.017	0.002	4.03E-18	-0.005	0.008	6.50E-01
TG	rs1292065	C	0.29	0.014	0.002	2.99E-10	-0.003	0.009	9.20E-01
TG	rs1801689	A	0.97	0.066	0.006	2.33E-30	-0.109	0.023	9.40E-07
TG	rs4559942	G	0.23	-0.014	0.002	1.19E-08	-0.024	0.009	1.30E-02
TG	rs4969179	T	0.40	0.018	0.002	2.73E-18	0.020	0.008	7.40E-03
TG	rs595767	A	0.48	-0.014	0.002	1.09E-11	-0.003	0.008	5.90E-01
TG	rs62084237	G	0.82	-0.024	0.003	2.91E-20	-0.006	0.010	6.10E-01
TG	rs7215055	A	0.94	-0.039	0.004	1.50E-21	0.010	0.016	5.20E-01
TG	rs72836561	C	0.97	-0.137	0.006	2.03E-126	-0.012	0.022	6.10E-01
TG	rs77244849	T	0.68	0.015	0.002	1.45E-11	0.018	0.008	4.40E-02
TG	rs8066985	A	0.48	0.013	0.002	1.73E-10	-0.003	0.008	5.70E-01
TG	rs9890200	A	0.63	0.013	0.002	1.56E-10	0.021	0.008	8.10E-03
TG	rs11664106	A	0.63	0.013	0.002	2.17E-09	0.014	0.008	6.90E-02
TG	rs12454712	T	0.62	0.012	0.002	1.55E-09	0.016	0.008	5.70E-02
TG	rs2187114	G	0.90	0.019	0.003	2.22E-08	0.003	0.013	7.80E-01
TG	rs41292412	C	0.99	-0.063	0.009	1.41E-11	0.003	0.035	7.20E-01
TG	rs6506033	C	0.93	0.023	0.004	1.20E-09	0.014	0.015	2.30E-01
TG	rs7239575	T	0.51	0.016	0.002	4.31E-15	0.007	0.008	4.70E-01
TG	rs867939	G	0.42	0.014	0.002	8.75E-12	0.009	0.008	2.40E-01
TG	rs921971	T	0.73	-0.016	0.002	2.79E-12	-0.001	0.009	7.50E-01
TG	rs10422861	C	0.33	0.019	0.002	3.23E-20	0.010	0.008	2.30E-01
TG	rs116843064	G	0.98	0.226	0.007	3.11E-215	-0.005	0.028	8.80E-01
TG	rs12610709	G	0.83	-0.022	0.003	4.98E-17	-0.004	0.010	7.60E-01
TG	rs142385484	C	0.85	0.023	0.003	3.15E-16	0.022	0.011	3.60E-02
TG	rs188247550	C	0.99	0.134	0.009	1.66E-48	-0.252	0.034	3.20E-14
TG	rs2278426	C	0.96	0.041	0.005	1.98E-14	-0.020	0.021	4.00E-01
TG	rs2860183	T	0.38	0.014	0.002	9.19E-12	0.016	0.008	5.50E-02
TG	rs296360	T	0.83	0.018	0.003	5.37E-11	0.000	0.011	8.80E-01
TG	rs3890483	G	0.56	-0.020	0.002	2.09E-22	-0.022	0.008	8.20E-04
TG	rs483082	G	0.76	-0.086	0.002	1.11E-292	0.078	0.009	2.80E-17
TG	rs5112	C	0.47	-0.068	0.002	6.50E-224	0.028	0.008	8.10E-04
TG	rs55737395	G	0.66	0.013	0.002	3.28E-10	0.007	0.008	4.50E-01
TG	rs573377651	A	0.92	-0.023	0.004	2.47E-10	0.002	0.014	9.10E-01
TG	rs58324296	A	0.65	0.015	0.002	8.67E-13	0.019	0.008	2.10E-02
TG	rs58542926	C	0.93	0.103	0.004	1.20E-162	-0.289	0.015	2.80E-85
TG	rs58895965	C	0.83	-0.027	0.003	2.17E-24	0.018	0.010	6.30E-02
TG	rs62118471	T	0.97	-0.043	0.006	5.05E-11	-0.003	0.026	8.70E-01
TG	rs7260465	C	0.74	0.016	0.002	1.88E-12	-0.016	0.009	6.50E-02
TG	rs8102873	C	0.42	-0.012	0.002	8.84E-10	0.003	0.008	7.70E-01
TG	rs838133	A	0.45	0.025	0.002	1.81E-33	0.024	0.008	2.20E-03
TG	rs149142833	C	0.84	-0.017	0.003	3.22E-10	-0.046	0.011	2.40E-05
TG	rs151235402	C	0.98	-0.053	0.008	8.80E-11	-0.090	0.031	3.60E-03
TG	rs1883711	G	0.97	-0.060	0.006	1.06E-24	-0.068	0.023	1.80E-03
TG	rs293561	T	0.64	-0.012	0.002	2.34E-08	0.006	0.008	4.70E-01
TG	rs55837381	G	0.75	0.013	0.002	9.67E-09	0.001	0.009	9.50E-01
TG	rs55966194	C	0.72	0.018	0.002	1.48E-15	-0.002	0.009	7.80E-01
TG	rs6068280	A	0.33	-0.014	0.002	6.18E-11	-0.023	0.008	3.20E-03
TG	rs6073958	T	0.80	-0.056	0.002	1.86E-109	-0.001	0.010	9.50E-01
TG	rs6093446	G	0.71	-0.015	0.002	2.24E-11	-0.003	0.009	7.50E-01
TG	rs7274718	G	0.40	-0.016	0.002	6.24E-15	-0.002	0.008	9.70E-01
TG	rs8126001	C	0.51	0.016	0.002	3.48E-16	0.008	0.008	2.30E-01
TG	rs394872	C	0.46	-0.011	0.002	1.90E-08	-0.013	0.008	9.20E-02
TG	rs6517522	T	0.50	0.013	0.002	9.83E-11	0.007	0.008	3.60E-01
TG	rs134551	C	0.66	0.012	0.002	3.01E-08	-0.003	0.008	8.30E-01
TG	rs140288	G	0.43	0.013	0.002	3.69E-11	-0.014	0.008	8.10E-02

TG	rs2071887	T	0.66	-0.016	0.002	2.41E-14	-0.006	0.008	4.60E-01
TG	rs2267373	C	0.42	-0.022	0.002	1.89E-26	-0.001	0.008	7.80E-01
TG	rs60610697	T	0.78	-0.018	0.002	2.05E-13	-0.002	0.009	6.50E-01
TG	rs9610329	C	0.57	-0.014	0.002	1.76E-11	-0.025	0.008	1.30E-03
WHR	rs10158345	C	0.70	0.012	0.002	7.37E-10	-0.001	0.009	9.40E-01
WHR	rs10919388	A	0.27	-0.027	0.002	1.56E-44	0.000	0.009	9.30E-01
WHR	rs10923724	T	0.56	0.024	0.002	2.96E-45	0.000	0.008	9.70E-01
WHR	rs11162968	T	0.68	-0.011	0.002	9.65E-09	-0.011	0.008	1.60E-01
WHR	rs11208660	T	0.07	0.023	0.003	1.77E-14	0.004	0.014	8.50E-01
WHR	rs11577194	T	0.50	0.009	0.002	3.21E-08	0.017	0.008	4.60E-02
WHR	rs12024554	T	0.23	-0.015	0.002	9.28E-11	-0.004	0.009	6.70E-01
WHR	rs12042959	A	0.86	0.016	0.003	5.65E-10	0.005	0.011	7.60E-01
WHR	rs12048743	C	0.55	-0.013	0.002	5.11E-13	-0.007	0.008	3.30E-01
WHR	rs12140153	T	0.09	-0.021	0.004	9.70E-10	-0.006	0.013	6.10E-01
WHR	rs1289021	C	0.43	0.011	0.002	2.40E-10	0.010	0.008	2.70E-01
WHR	rs1563355	T	0.33	-0.028	0.002	3.82E-48	-0.019	0.008	3.30E-02
WHR	rs17015701	A	0.21	0.012	0.002	6.27E-09	0.005	0.010	4.80E-01
WHR	rs17185933	A	0.17	0.014	0.002	5.93E-11	0.007	0.010	5.20E-01
WHR	rs1884454	T	0.27	-0.011	0.002	5.68E-08	0.004	0.009	7.10E-01
WHR	rs1891216	T	0.63	-0.010	0.002	7.57E-09	-0.002	0.008	7.70E-01
WHR	rs2061708	C	0.59	0.015	0.002	2.96E-14	-0.012	0.008	1.30E-01
WHR	rs213020	A	0.31	-0.012	0.002	4.71E-09	-0.009	0.008	3.10E-01
WHR	rs213637	T	0.53	0.013	0.002	3.80E-12	0.009	0.008	2.30E-01
WHR	rs2235529	T	0.16	-0.014	0.002	1.14E-08	-0.007	0.011	6.00E-01
WHR	rs2298632	T	0.49	-0.014	0.002	2.44E-17	-0.014	0.008	2.70E-02
WHR	rs2301453	A	0.55	-0.022	0.002	1.20E-39	-0.018	0.008	1.40E-02
WHR	rs2335077	A	0.64	-0.012	0.002	1.91E-10	-0.013	0.008	1.40E-01
WHR	rs2742690	A	0.20	0.017	0.003	1.82E-11	-0.012	0.010	2.50E-01
WHR	rs2791556	T	0.71	-0.014	0.002	8.19E-13	-0.017	0.009	6.30E-02
WHR	rs2815749	A	0.18	-0.017	0.002	2.68E-15	-0.005	0.010	6.50E-01
WHR	rs28680958	A	0.22	-0.014	0.002	4.37E-09	-0.001	0.009	8.40E-01
WHR	rs3767848	A	0.25	-0.012	0.002	3.53E-09	-0.022	0.009	1.60E-02
WHR	rs3789615	T	0.43	-0.013	0.002	5.14E-15	-0.023	0.008	3.30E-03
WHR	rs380654	C	0.60	-0.012	0.002	1.22E-11	-0.011	0.008	1.80E-01
WHR	rs4660808	T	0.22	0.015	0.002	5.03E-12	0.004	0.009	6.80E-01
WHR	rs543874	A	0.78	-0.020	0.002	4.18E-22	-0.002	0.010	7.90E-01
WHR	rs587271	T	0.69	0.011	0.002	2.42E-08	0.019	0.009	3.60E-02
WHR	rs61783470	A	0.13	-0.019	0.003	2.40E-10	-0.020	0.012	1.50E-01
WHR	rs61813324	T	0.13	0.019	0.003	7.16E-11	0.007	0.012	6.30E-01
WHR	rs6658424	A	0.28	-0.013	0.002	4.74E-11	-0.008	0.009	4.50E-01
WHR	rs6658723	T	0.43	0.015	0.002	4.17E-13	-0.005	0.008	3.80E-01
WHR	rs6688233	T	0.24	0.019	0.002	8.21E-19	0.022	0.009	1.80E-02
WHR	rs6699397	A	0.62	-0.012	0.002	3.89E-12	-0.008	0.008	3.50E-01
WHR	rs7528123	T	0.62	-0.010	0.002	1.05E-08	0.000	0.008	9.00E-01
WHR	rs7531656	A	0.33	0.016	0.002	1.36E-19	0.014	0.008	8.30E-02
WHR	rs754984	C	0.93	-0.020	0.004	1.54E-08	-0.003	0.015	8.40E-01
WHR	rs785505	A	0.95	0.024	0.004	1.10E-08	0.039	0.018	2.10E-02
WHR	rs905938	T	0.72	0.013	0.002	3.32E-11	0.014	0.009	6.10E-02
WHR	rs9659380	A	0.84	-0.018	0.002	8.76E-14	-0.016	0.011	8.50E-02
WHR	rs10153926	A	0.22	0.014	0.002	2.55E-09	0.008	0.010	4.30E-01
WHR	rs1017698	A	0.60	-0.011	0.002	3.43E-10	-0.025	0.008	1.30E-03
WHR	rs10185087	T	0.59	-0.010	0.002	1.05E-08	-0.010	0.008	1.60E-01
WHR	rs10195252	T	0.58	0.023	0.002	5.16E-41	0.036	0.008	7.40E-06
WHR	rs1020731	A	0.70	0.013	0.002	2.32E-11	0.009	0.008	2.20E-01
WHR	rs10495563	A	0.66	0.012	0.002	8.03E-11	-0.006	0.008	4.80E-01
WHR	rs1124639	T	0.44	-0.011	0.002	2.99E-11	-0.008	0.008	2.90E-01

WHR	rs11677670	T	0.18	-0.018	0.002	2.77E-14	-0.014	0.010	1.60E-01
WHR	rs11688816	A	0.48	-0.009	0.002	4.49E-08	-0.007	0.008	4.00E-01
WHR	rs11897119	T	0.59	-0.013	0.002	3.21E-15	0.000	0.008	8.20E-01
WHR	rs12466434	T	0.55	0.010	0.002	1.05E-08	0.000	0.008	9.30E-01
WHR	rs12469667	A	0.23	-0.013	0.002	6.00E-10	-0.005	0.009	6.50E-01
WHR	rs13028903	T	0.46	0.011	0.002	3.43E-10	-0.006	0.008	4.30E-01
WHR	rs13391573	T	0.18	0.021	0.002	1.35E-20	0.014	0.010	1.20E-01
WHR	rs1345203	T	0.78	0.019	0.002	6.61E-15	0.015	0.010	1.40E-01
WHR	rs1569135	A	0.54	0.022	0.002	1.16E-36	0.011	0.008	1.70E-01
WHR	rs17041868	T	0.92	-0.019	0.003	1.94E-08	-0.032	0.016	4.00E-02
WHR	rs17324331	C	0.31	0.012	0.002	2.69E-10	0.006	0.008	4.30E-01
WHR	rs17326656	T	0.23	0.015	0.002	3.20E-13	0.022	0.009	1.40E-02
WHR	rs17489259	A	0.23	-0.012	0.002	1.10E-08	-0.006	0.009	4.70E-01
WHR	rs2195086	T	0.83	-0.014	0.002	1.97E-09	-0.007	0.011	4.50E-01
WHR	rs2373078	T	0.10	0.016	0.003	5.09E-08	-0.004	0.013	7.20E-01
WHR	rs2384463	A	0.48	0.011	0.002	2.77E-09	0.029	0.008	4.10E-04
WHR	rs2709373	T	0.82	0.013	0.002	4.30E-08	-0.007	0.010	5.70E-01
WHR	rs332105	A	0.55	-0.014	0.002	1.14E-14	-0.006	0.008	3.80E-01
WHR	rs3891424	A	0.05	-0.028	0.004	2.65E-10	0.007	0.017	6.70E-01
WHR	rs399984	C	0.78	0.013	0.002	4.53E-09	-0.001	0.009	9.40E-01
WHR	rs4366921	C	0.30	-0.012	0.002	8.32E-09	0.000	0.008	9.90E-01
WHR	rs4668304	A	0.36	0.011	0.002	3.27E-08	0.020	0.008	1.30E-02
WHR	rs4671358	A	0.60	0.011	0.002	5.43E-09	0.017	0.008	2.40E-02
WHR	rs4671796	A	0.55	0.011	0.002	6.97E-10	-0.003	0.008	9.20E-01
WHR	rs4673616	T	0.64	-0.012	0.002	1.45E-09	-0.017	0.009	3.70E-02
WHR	rs4849294	T	0.61	0.012	0.002	5.62E-12	-0.007	0.008	2.80E-01
WHR	rs4851057	T	0.13	0.016	0.003	4.86E-09	0.031	0.012	8.90E-03
WHR	rs4851283	C	0.31	0.016	0.002	5.74E-15	0.018	0.008	1.40E-02
WHR	rs55920843	T	0.99	0.062	0.009	1.27E-11	0.046	0.036	2.40E-01
WHR	rs62106258	T	0.95	0.043	0.005	3.92E-21	0.043	0.018	2.00E-02
WHR	rs6430168	T	0.21	0.012	0.002	2.26E-08	0.003	0.010	8.70E-01
WHR	rs6433219	A	0.27	0.014	0.002	1.05E-11	0.005	0.009	7.10E-01
WHR	rs6545714	A	0.61	-0.014	0.002	2.92E-16	0.009	0.008	3.30E-01
WHR	rs6743060	A	0.84	0.027	0.002	1.18E-33	-0.004	0.010	7.20E-01
WHR	rs6749646	A	0.78	-0.021	0.002	1.36E-21	0.000	0.009	9.00E-01
WHR	rs711869	A	0.56	-0.017	0.002	2.10E-21	-0.001	0.008	9.60E-01
WHR	rs7561798	A	0.53	-0.010	0.002	1.16E-08	-0.023	0.008	3.60E-03
WHR	rs7587522	C	0.35	-0.011	0.002	2.77E-09	0.001	0.008	9.00E-01
WHR	rs7591387	T	0.10	0.018	0.003	1.63E-10	0.002	0.012	9.00E-01
WHR	rs7598832	T	0.33	-0.019	0.002	8.64E-26	0.008	0.008	3.70E-01
WHR	rs7599312	A	0.27	-0.011	0.002	1.97E-09	0.003	0.009	6.10E-01
WHR	rs843460	A	0.67	-0.012	0.002	1.46E-08	-0.011	0.008	2.00E-01
WHR	rs929641	A	0.59	0.013	0.002	7.98E-14	0.011	0.008	1.60E-01
WHR	rs930653	A	0.36	0.011	0.002	1.31E-08	0.007	0.008	4.10E-01
WHR	rs9630986	C	0.67	0.012	0.002	1.35E-10	0.021	0.008	5.00E-03
WHR	rs10049088	T	0.38	-0.027	0.002	3.17E-51	0.008	0.008	2.70E-01
WHR	rs10490869	A	0.80	-0.018	0.002	8.93E-17	-0.018	0.010	1.00E-01
WHR	rs112551697	A	0.03	0.032	0.006	2.19E-08	0.049	0.022	3.60E-02
WHR	rs115934382	A	0.92	0.023	0.004	2.00E-10	0.015	0.014	3.40E-01
WHR	rs11705729	A	0.68	-0.011	0.002	2.42E-08	-0.002	0.008	6.90E-01
WHR	rs11718898	T	0.32	0.014	0.002	5.57E-13	0.020	0.008	1.50E-02
WHR	rs11917047	A	0.76	-0.012	0.002	2.53E-08	-0.006	0.009	4.60E-01
WHR	rs12495178	T	0.64	0.012	0.002	5.62E-12	0.014	0.008	8.40E-02
WHR	rs12631066	C	0.22	0.012	0.002	3.53E-09	0.006	0.009	5.60E-01
WHR	rs1286769	A	0.46	-0.010	0.002	2.29E-08	-0.005	0.008	5.40E-01
WHR	rs13063979	T	0.73	-0.014	0.002	1.20E-12	-0.014	0.009	1.10E-01

WHR	rs13080520	T	0.64	-0.011	0.002	2.77E-09	-0.016	0.008	5.80E-02
WHR	rs13095863	T	0.33	-0.011	0.002	1.79E-08	-0.028	0.008	6.20E-04
WHR	rs13316065	T	0.32	0.017	0.002	3.57E-21	0.029	0.008	2.20E-04
WHR	rs1452075	T	0.73	0.012	0.002	9.56E-11	0.026	0.009	3.20E-03
WHR	rs155524	A	0.59	0.013	0.002	9.74E-14	0.006	0.008	5.30E-01
WHR	rs1672936	A	0.46	0.012	0.002	6.63E-09	0.006	0.008	3.70E-01
WHR	rs16853606	A	0.84	-0.013	0.002	9.52E-09	0.001	0.011	9.50E-01
WHR	rs17289049	A	0.91	-0.016	0.003	4.59E-08	-0.005	0.014	7.40E-01
WHR	rs2242116	A	0.38	-0.013	0.002	1.72E-12	-0.018	0.008	2.80E-02
WHR	rs2371767	C	0.27	-0.029	0.002	6.00E-53	-0.009	0.009	3.30E-01
WHR	rs2455848	T	0.31	0.013	0.002	1.15E-12	0.017	0.008	4.80E-02
WHR	rs2590440	A	0.78	-0.014	0.002	4.75E-10	-0.024	0.010	1.70E-02
WHR	rs2606737	A	0.18	0.015	0.002	5.20E-11	0.014	0.010	1.80E-01
WHR	rs310761	A	0.10	0.020	0.003	9.29E-10	0.007	0.013	4.50E-01
WHR	rs4320054	A	0.59	-0.013	0.002	2.93E-11	-0.012	0.008	1.40E-01
WHR	rs4635727	A	0.72	0.012	0.002	3.64E-09	0.012	0.009	2.70E-01
WHR	rs4686340	A	0.25	0.012	0.002	7.75E-10	0.006	0.009	5.10E-01
WHR	rs4894803	A	0.60	0.015	0.002	1.25E-16	-0.007	0.008	4.60E-01
WHR	rs56133301	A	0.01	-0.057	0.009	1.57E-11	-0.013	0.034	8.10E-01
WHR	rs56853116	A	0.71	-0.013	0.002	1.33E-08	-0.007	0.009	3.20E-01
WHR	rs6442644	T	0.70	-0.011	0.002	3.75E-09	0.007	0.008	3.00E-01
WHR	rs645040	T	0.77	0.016	0.002	6.19E-15	0.013	0.009	1.90E-01
WHR	rs6548834	A	0.36	0.012	0.002	5.54E-11	-0.008	0.008	3.10E-01
WHR	rs6794936	A	0.48	-0.010	0.002	5.76E-09	-0.011	0.008	2.20E-01
WHR	rs6795831	A	0.81	0.029	0.002	5.68E-36	-0.005	0.010	5.90E-01
WHR	rs6800707	C	0.18	-0.019	0.002	4.28E-16	0.001	0.010	8.60E-01
WHR	rs68190114	A	0.07	-0.022	0.004	1.96E-08	-0.005	0.016	8.40E-01
WHR	rs72628504	A	0.93	-0.033	0.004	2.25E-15	-0.045	0.016	6.70E-03
WHR	rs74388175	T	0.21	-0.013	0.003	8.32E-08	-0.015	0.010	1.30E-01
WHR	rs7647305	T	0.21	-0.014	0.002	1.36E-11	0.019	0.009	2.30E-02
WHR	rs793456	A	0.60	-0.011	0.002	3.89E-09	0.002	0.008	7.00E-01
WHR	rs9859117	C	0.19	0.012	0.002	2.93E-08	0.028	0.010	2.30E-03
WHR	rs9872031	A	0.43	0.020	0.002	3.17E-29	0.011	0.008	1.10E-01
WHR	rs9942009	T	0.38	0.013	0.002	2.56E-12	0.006	0.008	4.60E-01
WHR	rs998749	A	0.50	0.013	0.002	2.06E-14	0.008	0.008	2.30E-01
WHR	rs10004900	T	0.87	-0.017	0.003	9.85E-09	-0.011	0.012	3.90E-01
WHR	rs10019888	A	0.81	-0.021	0.002	1.52E-19	-0.020	0.011	3.90E-02
WHR	rs11133377	A	0.72	0.014	0.002	8.68E-13	0.008	0.009	3.30E-01
WHR	rs11724804	A	0.44	-0.017	0.002	4.88E-20	-0.008	0.008	2.30E-01
WHR	rs11726981	A	0.72	-0.011	0.002	1.20E-08	-0.004	0.009	7.40E-01
WHR	rs12643960	A	0.85	-0.017	0.003	9.89E-10	-0.008	0.011	4.20E-01
WHR	rs13130484	T	0.43	0.015	0.002	5.28E-18	0.016	0.008	4.80E-02
WHR	rs1464454	A	0.40	-0.010	0.002	7.09E-08	-0.021	0.008	8.60E-03
WHR	rs1551795	T	0.51	0.009	0.002	3.21E-08	0.004	0.008	6.70E-01
WHR	rs16896261	A	0.86	-0.014	0.003	1.35E-08	-0.011	0.011	2.50E-01
WHR	rs17644283	A	0.39	0.015	0.002	2.00E-16	-0.004	0.008	5.10E-01
WHR	rs1789882	A	0.17	0.016	0.002	3.49E-12	0.013	0.010	2.40E-01
WHR	rs1863652	A	0.35	-0.010	0.002	5.92E-08	0.002	0.008	8.50E-01
WHR	rs2167750	T	0.47	0.020	0.002	2.06E-28	0.015	0.008	3.70E-02
WHR	rs2333496	T	0.69	0.010	0.002	7.57E-09	-0.004	0.008	8.80E-01
WHR	rs3121419	T	0.30	-0.013	0.002	1.13E-11	0.003	0.008	7.50E-01
WHR	rs3804381	A	0.27	0.012	0.002	5.65E-10	0.008	0.009	4.00E-01
WHR	rs414865	A	0.68	0.011	0.002	9.65E-09	-0.008	0.009	3.70E-01
WHR	rs4450871	A	0.55	0.011	0.002	1.31E-08	0.014	0.008	1.30E-01
WHR	rs4586926	A	0.64	0.011	0.002	3.89E-09	0.015	0.008	3.40E-02
WHR	rs56185013	A	0.22	-0.013	0.002	6.07E-08	0.008	0.009	5.30E-01



WHR	rs7680787	T	0.65	0.010	0.002	7.09E-08	0.004	0.008	6.60E-01
WHR	rs789351	T	0.42	0.012	0.002	4.65E-13	0.000	0.008	1.00E+00
WHR	rs809955	A	0.37	-0.016	0.002	9.19E-15	-0.013	0.008	1.00E-01
WHR	rs10475249	C	0.55	0.013	0.002	2.08E-11	0.008	0.008	2.50E-01
WHR	rs10477191	A	0.94	-0.028	0.004	3.06E-12	0.002	0.019	9.80E-01
WHR	rs11167753	T	0.73	-0.011	0.002	1.20E-08	-0.007	0.009	3.50E-01
WHR	rs1122080	A	0.20	-0.013	0.002	2.61E-09	0.023	0.010	2.30E-02
WHR	rs11747001	A	0.76	0.015	0.002	1.36E-14	0.019	0.009	3.20E-02
WHR	rs11956399	T	0.19	0.016	0.002	6.88E-13	0.021	0.010	9.00E-02
WHR	rs13163336	A	0.17	0.018	0.003	7.59E-12	0.023	0.011	4.30E-02
WHR	rs13179413	T	0.28	0.016	0.002	1.87E-15	0.022	0.009	5.80E-03
WHR	rs1382284	A	0.49	0.010	0.002	3.80E-08	-0.010	0.008	3.30E-01
WHR	rs1382894	A	0.65	0.011	0.002	1.97E-09	0.020	0.008	1.40E-02
WHR	rs17152077	A	0.13	-0.014	0.003	4.25E-08	-0.002	0.011	9.70E-01
WHR	rs17568628	T	0.95	-0.026	0.004	1.97E-09	-0.020	0.018	2.90E-01
WHR	rs17738166	A	0.40	0.011	0.002	2.40E-10	0.003	0.008	7.20E-01
WHR	rs17764730	T	0.24	-0.011	0.002	5.68E-08	0.009	0.009	4.00E-01
WHR	rs2112347	T	0.63	0.015	0.002	1.11E-18	0.016	0.008	3.60E-02
WHR	rs2161097	T	0.44	0.013	0.002	2.56E-12	0.014	0.008	5.00E-02
WHR	rs2448	T	0.74	0.016	0.002	2.79E-15	-0.013	0.009	1.90E-01
WHR	rs2964006	T	0.46	0.013	0.002	8.03E-11	0.010	0.008	1.90E-01
WHR	rs34000	T	0.60	0.011	0.002	2.77E-09	0.012	0.008	1.60E-01
WHR	rs4395620	T	0.58	0.011	0.002	3.89E-09	0.009	0.008	2.90E-01
WHR	rs4454042	T	0.27	0.013	0.002	2.15E-10	0.002	0.009	8.90E-01
WHR	rs459193	A	0.25	0.024	0.002	2.76E-36	-0.014	0.009	1.60E-01
WHR	rs4868256	T	0.50	0.011	0.002	1.31E-08	0.013	0.008	1.10E-01
WHR	rs628763	T	0.58	-0.011	0.002	2.40E-10	-0.004	0.008	6.10E-01
WHR	rs6556301	T	0.37	0.013	0.002	3.39E-13	-0.010	0.008	2.30E-01
WHR	rs6861681	A	0.29	0.018	0.002	1.52E-23	0.004	0.008	4.60E-01
WHR	rs6870983	T	0.21	-0.016	0.002	9.19E-15	-0.007	0.010	4.20E-01
WHR	rs6874848	A	0.70	-0.014	0.002	5.20E-12	-0.006	0.008	5.50E-01
WHR	rs710380	T	0.70	-0.011	0.002	3.80E-08	0.003	0.009	6.90E-01
WHR	rs72846967	A	0.70	-0.012	0.002	3.53E-09	-0.003	0.009	6.90E-01
WHR	rs7736177	A	0.69	-0.011	0.002	3.27E-08	-0.005	0.008	5.50E-01
WHR	rs888675	T	0.39	-0.011	0.002	2.42E-08	0.003	0.008	8.60E-01
WHR	rs10499013	A	0.28	-0.013	0.002	4.10E-10	-0.008	0.009	3.10E-01
WHR	rs10806842	C	0.50	0.011	0.002	3.80E-08	0.008	0.008	2.90E-01
WHR	rs11154521	C	0.32	-0.010	0.002	1.46E-08	-0.014	0.008	3.90E-02
WHR	rs112266013	A	0.14	-0.017	0.003	2.46E-09	-0.012	0.011	2.70E-01
WHR	rs113315602	A	0.91	-0.027	0.004	3.37E-14	-0.013	0.014	3.00E-01
WHR	rs114760566	A	0.04	0.067	0.005	8.67E-45	0.050	0.019	7.30E-03
WHR	rs11752928	C	0.49	-0.011	0.002	3.27E-08	-0.020	0.008	1.10E-02
WHR	rs12527712	T	0.09	0.028	0.003	7.56E-18	0.000	0.015	9.20E-01
WHR	rs1294410	T	0.38	-0.025	0.002	7.89E-48	0.004	0.008	6.10E-01
WHR	rs13191362	A	0.86	0.015	0.003	1.25E-08	0.008	0.012	4.80E-01
WHR	rs13198178	C	0.06	0.021	0.004	7.30E-09	0.024	0.016	1.40E-01
WHR	rs1334576	A	0.43	-0.016	0.002	2.26E-19	-0.011	0.008	2.00E-01
WHR	rs1411338	T	0.34	-0.011	0.002	2.72E-09	-0.014	0.008	4.30E-02
WHR	rs145244672	T	0.88	-0.025	0.003	5.77E-13	-0.004	0.013	6.90E-01
WHR	rs148967059	A	0.20	0.018	0.003	9.44E-12	0.011	0.010	2.70E-01
WHR	rs17078048	A	0.85	-0.014	0.003	5.33E-08	-0.003	0.011	6.50E-01
WHR	rs17448885	C	0.65	0.011	0.002	7.06E-09	0.002	0.008	9.70E-01
WHR	rs17681686	C	0.30	0.015	0.002	8.10E-16	0.005	0.008	5.00E-01
WHR	rs185320691	C	0.10	0.027	0.004	1.48E-13	0.006	0.014	5.80E-01
WHR	rs211476	T	0.30	-0.013	0.002	2.32E-11	0.004	0.009	7.50E-01
WHR	rs2186059	C	0.26	-0.013	0.002	4.10E-10	-0.021	0.009	2.10E-02

WHR	rs2242416	A	0.39	0.014	0.002	2.44E-17	0.010	0.008	1.70E-01
WHR	rs2492419	A	0.58	-0.010	0.002	1.46E-08	-0.008	0.008	2.70E-01
WHR	rs2504706	T	0.77	0.013	0.002	3.26E-10	-0.001	0.009	7.80E-01
WHR	rs2524137	T	0.64	0.023	0.002	4.18E-30	0.023	0.008	4.50E-03
WHR	rs281861363	A	0.09	0.025	0.004	8.04E-12	0.014	0.014	2.90E-01
WHR	rs2844455	T	0.18	0.017	0.002	7.29E-13	0.005	0.010	6.70E-01
WHR	rs35074855	C	0.89	-0.028	0.003	2.16E-17	-0.020	0.013	8.30E-02
WHR	rs35175534	A	0.86	-0.026	0.003	1.13E-16	-0.019	0.012	1.10E-01
WHR	rs377436	A	0.29	-0.011	0.002	9.65E-09	0.001	0.008	7.80E-01
WHR	rs534148	A	0.56	0.014	0.002	1.05E-11	0.021	0.008	1.30E-02
WHR	rs575147125	T	0.84	-0.024	0.003	2.09E-14	-0.028	0.012	1.70E-02
WHR	rs575662827	T	0.90	-0.029	0.004	3.99E-16	-0.011	0.014	4.40E-01
WHR	rs605066	T	0.58	-0.019	0.002	1.46E-26	-0.013	0.008	7.00E-02
WHR	rs62424543	A	0.93	-0.022	0.004	1.53E-08	-0.040	0.015	9.90E-03
WHR	rs668871	T	0.47	-0.013	0.002	2.08E-11	-0.004	0.008	6.40E-01
WHR	rs672341	A	0.41	-0.012	0.002	1.06E-09	-0.008	0.008	4.80E-01
WHR	rs6933271	T	0.99	-0.067	0.008	1.47E-16	-0.083	0.037	1.80E-02
WHR	rs6940715	A	0.89	0.016	0.003	2.32E-08	-0.002	0.013	9.90E-01
WHR	rs6941962	A	0.16	0.024	0.003	7.84E-20	0.014	0.011	1.90E-01
WHR	rs72959041	A	0.04	0.126	0.004	2.37E-180	0.038	0.018	2.30E-02
WHR	rs7744833	A	0.68	0.013	0.002	4.74E-11	0.008	0.008	3.50E-01
WHR	rs901630	T	0.41	-0.012	0.002	2.56E-12	-0.023	0.008	2.40E-03
WHR	rs9296938	A	0.25	-0.015	0.002	4.17E-13	-0.021	0.009	3.50E-02
WHR	rs9362083	A	0.59	-0.012	0.002	8.03E-11	0.011	0.008	2.60E-01
WHR	rs9369425	A	0.71	0.020	0.002	1.03E-24	-0.001	0.009	8.20E-01
WHR	rs9370243	T	0.08	0.020	0.003	6.11E-10	0.023	0.014	8.80E-02
WHR	rs9375417	T	0.50	-0.012	0.002	1.06E-09	-0.003	0.008	6.00E-01
WHR	rs9375478	A	0.54	0.021	0.002	2.51E-30	0.017	0.008	5.20E-02
WHR	rs9400239	T	0.31	-0.013	0.002	9.74E-14	0.012	0.008	1.80E-01
WHR	rs987237	A	0.84	-0.020	0.002	9.82E-20	0.009	0.010	4.00E-01
WHR	rs998584	A	0.48	0.035	0.002	1.04E-94	0.018	0.008	2.20E-02
WHR	rs1011024	A	0.83	0.015	0.002	2.89E-11	0.041	0.011	1.40E-04
WHR	rs10269616	T	0.56	-0.011	0.002	3.80E-08	0.001	0.008	9.20E-01
WHR	rs10269783	A	0.41	0.010	0.002	1.63E-08	0.017	0.008	2.20E-02
WHR	rs1142	T	0.33	0.015	0.002	1.25E-16	0.003	0.008	7.40E-01
WHR	rs11764879	A	0.29	-0.012	0.002	7.37E-10	-0.002	0.009	9.30E-01
WHR	rs12669521	A	0.67	0.013	0.002	1.47E-09	0.017	0.008	3.90E-02
WHR	rs12705971	T	0.46	0.009	0.002	6.24E-08	0.007	0.008	3.80E-01
WHR	rs13229637	T	0.85	0.016	0.003	2.02E-10	0.004	0.011	7.00E-01
WHR	rs13232789	T	0.66	-0.011	0.002	7.06E-09	-0.016	0.008	4.80E-02
WHR	rs1534696	A	0.57	-0.023	0.002	2.50E-40	-0.004	0.008	5.60E-01
WHR	rs1708302	T	0.43	-0.011	0.002	2.40E-10	-0.022	0.008	7.80E-03
WHR	rs1718618	A	0.06	-0.024	0.004	2.69E-10	-0.012	0.017	3.90E-01
WHR	rs1722123	T	0.48	-0.011	0.002	1.60E-08	-0.005	0.008	4.30E-01
WHR	rs2057869	A	0.30	0.011	0.002	2.86E-08	0.008	0.008	3.00E-01
WHR	rs2069443	T	0.74	-0.012	0.002	1.46E-08	-0.011	0.009	2.00E-01
WHR	rs2391168	A	0.19	0.026	0.002	3.31E-35	0.021	0.010	3.40E-02
WHR	rs2715135	T	0.37	0.011	0.002	1.40E-09	0.006	0.008	4.10E-01
WHR	rs367026	T	0.61	-0.014	0.002	3.65E-12	-0.002	0.008	8.20E-01
WHR	rs3930017	A	0.39	-0.010	0.002	2.77E-08	0.004	0.008	6.50E-01
WHR	rs39312	A	0.62	-0.015	0.002	1.17E-17	-0.002	0.008	6.20E-01
WHR	rs4476935	T	0.43	-0.011	0.002	1.97E-09	-0.004	0.008	5.20E-01
WHR	rs4718966	T	0.41	0.010	0.002	1.46E-08	0.018	0.008	3.70E-02
WHR	rs4727695	A	0.90	0.022	0.003	1.23E-13	0.016	0.013	2.40E-01
WHR	rs55747707	A	0.18	-0.015	0.002	2.15E-11	0.002	0.010	8.80E-01
WHR	rs6942652	C	0.43	-0.013	0.002	2.56E-12	-0.015	0.008	7.30E-02

WHR	rs6955431	T	0.69	0.011	0.002	1.97E-09	0.016	0.008	8.00E-02
WHR	rs77497827	A	0.53	-0.013	0.002	1.02E-08	-0.023	0.009	6.50E-03
WHR	rs7801581	T	0.25	0.017	0.002	6.83E-17	-0.002	0.009	6.60E-01
WHR	rs852425	A	0.65	-0.010	0.002	1.46E-08	-0.023	0.008	3.20E-03
WHR	rs10505628	T	0.38	-0.010	0.002	7.57E-09	0.000	0.008	9.90E-01
WHR	rs11782074	T	0.37	0.011	0.002	9.65E-09	-0.003	0.008	7.00E-01
WHR	rs11992444	T	0.51	0.019	0.002	2.24E-20	-0.010	0.008	1.80E-01
WHR	rs13255070	A	0.72	-0.014	0.002	6.34E-10	-0.013	0.009	1.00E-01
WHR	rs13256367	A	0.65	0.014	0.002	1.16E-13	0.007	0.008	5.30E-01
WHR	rs1431659	A	0.27	0.014	0.002	8.68E-13	0.001	0.009	7.80E-01
WHR	rs144435165	C	0.05	0.035	0.005	1.06E-12	0.020	0.019	2.90E-01
WHR	rs1485741	T	0.12	0.018	0.003	9.08E-11	-0.008	0.012	6.70E-01
WHR	rs15285	T	0.26	-0.012	0.002	7.37E-10	-0.006	0.009	4.40E-01
WHR	rs17446091	T	0.79	-0.012	0.002	4.35E-08	-0.023	0.010	1.30E-02
WHR	rs2012485	T	0.05	-0.025	0.004	1.98E-08	-0.008	0.019	7.50E-01
WHR	rs2725371	A	0.30	0.017	0.002	2.60E-16	0.005	0.008	4.60E-01
WHR	rs35708461	T	0.22	0.014	0.002	1.86E-08	0.006	0.009	7.00E-01
WHR	rs4145698	A	0.66	0.011	0.002	1.31E-08	-0.005	0.008	6.70E-01
WHR	rs4738141	A	0.74	-0.020	0.002	6.53E-26	-0.015	0.009	9.80E-02
WHR	rs62505960	A	0.91	0.020	0.004	2.14E-08	0.007	0.014	5.80E-01
WHR	rs62506196	A	0.84	-0.016	0.003	3.89E-09	0.001	0.011	9.40E-01
WHR	rs6988242	T	0.72	0.012	0.002	2.53E-08	0.008	0.009	4.10E-01
WHR	rs7823561	A	0.65	0.016	0.002	5.84E-17	0.005	0.008	6.20E-01
WHR	rs881301	T	0.58	-0.013	0.002	9.74E-14	-0.005	0.008	6.60E-01
WHR	rs9643248	T	0.68	-0.012	0.002	1.46E-08	-0.018	0.008	2.50E-02
WHR	rs9644033	A	0.75	0.019	0.002	3.48E-19	0.019	0.009	4.90E-02
WHR	rs9969455	A	0.62	0.011	0.002	6.97E-10	-0.005	0.008	4.20E-01
WHR	rs10797116	T	0.46	-0.010	0.002	2.01E-08	-0.008	0.008	2.30E-01
WHR	rs10963067	A	0.09	-0.018	0.003	2.66E-08	0.011	0.014	3.80E-01
WHR	rs10968576	A	0.69	-0.014	0.002	1.24E-15	-0.006	0.008	5.70E-01
WHR	rs10978310	A	0.94	0.023	0.004	5.03E-09	0.018	0.018	3.30E-01
WHR	rs10980797	A	0.52	-0.015	0.002	1.36E-14	0.008	0.008	3.00E-01
WHR	rs10991433	T	0.90	-0.025	0.003	1.17E-19	0.008	0.013	5.20E-01
WHR	rs12684047	A	0.19	-0.019	0.002	8.73E-16	-0.004	0.010	5.60E-01
WHR	rs1411431	A	0.16	0.015	0.003	1.81E-08	0.003	0.011	7.90E-01
WHR	rs1680490	A	0.59	-0.012	0.002	3.64E-09	0.002	0.008	6.50E-01
WHR	rs1752169	A	0.26	0.012	0.002	7.75E-10	0.024	0.009	7.20E-03
WHR	rs1800978	C	0.88	0.020	0.003	1.07E-14	-0.023	0.012	7.10E-02
WHR	rs2043664	A	0.31	-0.011	0.002	5.04E-08	-0.003	0.008	7.00E-01
WHR	rs2165864	T	0.43	-0.010	0.002	1.46E-08	-0.010	0.008	1.30E-01
WHR	rs2398893	A	0.71	0.016	0.002	1.42E-16	0.010	0.009	2.60E-01
WHR	rs28647893	T	0.48	-0.012	0.002	6.63E-09	-0.003	0.008	6.40E-01
WHR	rs2937371	A	0.57	-0.012	0.002	1.35E-10	-0.003	0.008	7.80E-01
WHR	rs4382592	T	0.31	0.012	0.002	2.69E-10	0.013	0.008	5.90E-02
WHR	rs4837261	T	0.18	0.013	0.002	2.04E-08	0.017	0.010	8.90E-02
WHR	rs62565259	T	0.16	-0.016	0.003	6.07E-09	-0.011	0.010	2.50E-01
WHR	rs6474945	T	0.45	-0.010	0.002	2.83E-09	-0.013	0.008	1.00E-01
WHR	rs71511786	A	0.92	0.021	0.004	8.92E-09	-0.016	0.014	2.30E-01
WHR	rs753804	C	0.17	0.017	0.002	7.53E-14	0.013	0.010	2.10E-01
WHR	rs7848336	T	0.71	-0.013	0.002	4.11E-11	0.008	0.009	3.40E-01
WHR	rs7848552	C	0.20	0.013	0.002	2.62E-08	0.034	0.010	9.20E-04
WHR	rs7859156	T	0.28	-0.011	0.002	2.86E-08	0.000	0.009	9.90E-01
WHR	rs968821	C	0.34	-0.011	0.002	5.15E-09	-0.006	0.008	3.90E-01
WHR	rs9792666	A	0.96	0.040	0.005	6.11E-18	0.026	0.020	2.10E-01
WHR	rs10761785	T	0.51	-0.015	0.002	5.28E-18	0.009	0.008	3.30E-01
WHR	rs10788569	T	0.72	-0.013	0.002	1.76E-12	-0.007	0.009	6.80E-01

WHR	rs10795055	A	0.39	0.011	0.002	3.89E-09	-0.001	0.008	9.60E-01
WHR	rs10827252	A	0.49	-0.011	0.002	3.43E-10	0.009	0.008	2.30E-01
WHR	rs10883518	A	0.37	-0.011	0.002	7.06E-09	0.006	0.008	5.60E-01
WHR	rs11187537	C	0.26	0.013	0.002	8.03E-11	0.015	0.009	9.90E-02
WHR	rs117471638	A	0.02	0.042	0.007	3.60E-09	0.008	0.027	9.20E-01
WHR	rs1243188	T	0.71	-0.015	0.002	6.73E-15	-0.018	0.008	6.40E-02
WHR	rs1250552	A	0.52	-0.009	0.002	3.21E-08	-0.014	0.008	9.40E-02
WHR	rs12774134	T	0.12	-0.016	0.003	1.23E-09	-0.024	0.012	6.20E-02
WHR	rs12777288	T	0.77	-0.014	0.002	3.62E-11	-0.012	0.009	1.20E-01
WHR	rs1437	A	0.63	0.013	0.002	1.15E-12	0.012	0.008	1.20E-01
WHR	rs145952040	T	0.96	-0.033	0.005	2.21E-10	-0.003	0.021	9.60E-01
WHR	rs1494204	T	0.42	-0.011	0.002	3.89E-09	-0.012	0.008	1.40E-01
WHR	rs1757471	T	0.51	0.013	0.002	1.15E-12	-0.001	0.008	8.10E-01
WHR	rs2254069	A	0.13	0.021	0.003	9.88E-15	0.017	0.012	1.70E-01
WHR	rs2907794	A	0.25	-0.012	0.002	5.65E-10	-0.002	0.009	6.40E-01
WHR	rs3740237	C	0.14	0.015	0.003	3.99E-09	0.005	0.011	4.40E-01
WHR	rs3814614	A	0.48	0.011	0.002	1.97E-09	0.007	0.008	4.40E-01
WHR	rs4752083	A	0.62	-0.011	0.002	1.20E-08	-0.007	0.008	5.10E-01
WHR	rs704000	T	0.47	0.011	0.002	5.04E-08	-0.013	0.008	1.20E-01
WHR	rs7070670	T	0.32	-0.013	0.002	3.26E-10	-0.008	0.008	3.10E-01
WHR	rs7070749	A	0.55	0.013	0.002	2.98E-10	0.016	0.008	6.30E-02
WHR	rs708437	A	0.83	0.014	0.002	1.97E-09	-0.001	0.010	9.80E-01
WHR	rs780159	A	0.43	-0.013	0.002	5.14E-15	0.003	0.008	7.70E-01
WHR	rs7898903	T	0.13	-0.015	0.003	4.22E-08	-0.022	0.012	7.80E-02
WHR	rs7907173	A	0.45	-0.011	0.002	1.40E-09	-0.008	0.008	5.00E-01
WHR	rs7919055	T	0.96	-0.028	0.005	3.69E-10	-0.005	0.022	8.60E-01
WHR	rs10789931	T	0.12	0.015	0.003	2.77E-08	-0.008	0.012	5.10E-01
WHR	rs10791249	A	0.44	0.010	0.002	7.57E-09	0.010	0.008	1.80E-01
WHR	rs10896012	T	0.79	-0.018	0.002	2.80E-16	-0.004	0.009	7.00E-01
WHR	rs11030107	A	0.73	-0.018	0.002	7.36E-21	-0.019	0.009	4.80E-02
WHR	rs11038354	A	0.57	0.011	0.002	5.43E-09	0.003	0.008	6.50E-01
WHR	rs11214589	A	0.50	-0.011	0.002	2.40E-10	0.011	0.008	2.40E-01
WHR	rs11216183	A	0.09	0.023	0.003	2.99E-11	0.016	0.013	2.30E-01
WHR	rs11231144	T	0.65	-0.016	0.002	3.41E-16	-0.007	0.008	3.50E-01
WHR	rs12286929	A	0.50	-0.009	0.002	3.21E-08	-0.005	0.008	4.80E-01
WHR	rs12287076	C	0.63	0.019	0.002	7.99E-22	-0.012	0.009	1.80E-01
WHR	rs12575252	C	0.33	-0.015	0.002	1.17E-17	-0.023	0.008	2.70E-03
WHR	rs13642	A	0.65	0.011	0.002	2.72E-09	0.008	0.008	3.10E-01
WHR	rs140201358	C	0.99	-0.056	0.009	9.37E-11	-0.154	0.032	2.70E-06
WHR	rs140829434	A	0.02	-0.044	0.008	3.41E-08	-0.058	0.031	1.00E-01
WHR	rs2276390	T	0.34	-0.021	0.002	2.13E-28	0.003	0.008	6.70E-01
WHR	rs2509963	T	0.26	-0.014	0.002	8.68E-13	0.003	0.009	7.20E-01
WHR	rs2512885	T	0.47	-0.010	0.002	1.16E-08	-0.007	0.008	3.50E-01
WHR	rs2513987	A	0.27	-0.014	0.002	3.55E-10	-0.012	0.009	2.30E-01
WHR	rs2957658	A	0.49	-0.013	0.002	4.10E-10	-0.017	0.008	1.80E-02
WHR	rs35169799	T	0.06	0.037	0.004	9.24E-20	0.026	0.016	1.40E-01
WHR	rs3825061	T	0.39	0.014	0.002	3.05E-15	0.007	0.008	3.00E-01
WHR	rs3862386	C	0.19	0.014	0.002	1.15E-09	0.002	0.010	8.90E-01
WHR	rs3930078	A	0.16	0.014	0.002	1.86E-08	0.014	0.010	1.30E-01
WHR	rs4141261	T	0.36	-0.011	0.002	9.65E-09	0.003	0.008	8.40E-01
WHR	rs4418806	T	0.45	-0.012	0.002	8.92E-09	-0.005	0.008	4.50E-01
WHR	rs4755720	T	0.61	-0.013	0.002	2.24E-13	-0.020	0.008	5.10E-03
WHR	rs536665	A	0.80	-0.017	0.002	1.04E-12	-0.013	0.010	9.50E-02
WHR	rs579682	T	0.71	-0.013	0.002	2.93E-11	-0.020	0.009	1.80E-02
WHR	rs61876729	A	0.91	0.021	0.003	3.09E-10	0.030	0.013	2.10E-02
WHR	rs647248	A	0.54	0.011	0.002	5.43E-09	0.009	0.008	2.30E-01

WHR	rs6590683	T	0.48	0.011	0.002	3.43E-10	0.002	0.008	8.00E-01
WHR	rs6606672	A	0.65	-0.012	0.002	8.03E-11	-0.002	0.008	8.80E-01
WHR	rs67184556	T	0.32	-0.012	0.002	2.53E-08	-0.011	0.008	1.60E-01
WHR	rs68162171	A	0.71	-0.016	0.002	1.79E-13	-0.022	0.009	1.30E-02
WHR	rs72889643	T	0.06	0.023	0.004	1.03E-08	-0.014	0.016	4.60E-01
WHR	rs7395513	A	0.44	-0.017	0.002	5.15E-18	0.001	0.008	9.50E-01
WHR	rs747249	A	0.36	0.011	0.002	5.15E-09	0.016	0.008	5.90E-02
WHR	rs747601	A	0.28	-0.013	0.002	1.55E-10	0.000	0.009	9.30E-01
WHR	rs7932891	A	0.30	0.011	0.002	1.60E-08	0.003	0.008	8.10E-01
WHR	rs1026462	A	0.52	-0.013	0.002	2.56E-12	-0.012	0.008	1.80E-01
WHR	rs10506110	A	0.64	0.014	0.002	3.78E-13	0.004	0.008	6.20E-01
WHR	rs10745659	C	0.56	-0.013	0.002	1.72E-12	0.001	0.008	9.70E-01
WHR	rs10861841	A	0.42	0.011	0.002	6.97E-10	0.011	0.008	2.20E-01
WHR	rs10876528	A	0.35	0.024	0.002	2.84E-39	-0.007	0.008	3.10E-01
WHR	rs11048456	T	0.76	-0.027	0.002	1.56E-44	-0.012	0.009	1.40E-01
WHR	rs11055887	A	0.19	-0.013	0.002	7.36E-09	-0.016	0.010	6.20E-02
WHR	rs11176015	T	0.29	0.015	0.002	4.35E-14	-0.002	0.009	8.20E-01
WHR	rs11608693	A	0.17	-0.017	0.003	4.90E-10	0.000	0.011	9.60E-01
WHR	rs12823266	A	0.72	0.011	0.002	5.68E-08	0.010	0.009	2.50E-01
WHR	rs12828016	T	0.39	-0.011	0.002	2.40E-10	-0.011	0.008	1.60E-01
WHR	rs12828318	A	0.83	0.013	0.002	1.58E-08	0.011	0.010	1.90E-01
WHR	rs1443512	A	0.22	0.028	0.002	3.80E-45	0.008	0.009	3.70E-01
WHR	rs1568427	A	0.26	-0.019	0.002	3.48E-19	-0.002	0.009	7.70E-01
WHR	rs1609725	T	0.07	0.021	0.003	1.65E-09	0.019	0.016	2.40E-01
WHR	rs2277339	T	0.89	-0.017	0.003	6.91E-09	-0.020	0.013	1.30E-01
WHR	rs317646	A	0.73	-0.011	0.002	3.80E-08	0.001	0.009	5.70E-01
WHR	rs34322	T	0.47	0.010	0.002	7.57E-09	0.009	0.008	2.20E-01
WHR	rs3764002	T	0.26	-0.021	0.002	5.08E-26	-0.008	0.009	3.40E-01
WHR	rs4459369	T	0.73	0.012	0.002	4.35E-08	-0.004	0.009	5.90E-01
WHR	rs4765219	A	0.34	-0.027	0.002	8.92E-50	-0.025	0.008	3.10E-03
WHR	rs4964188	T	0.50	-0.011	0.002	2.14E-08	-0.005	0.008	5.00E-01
WHR	rs544668	T	0.60	0.011	0.002	5.43E-09	0.006	0.008	3.70E-01
WHR	rs6487543	A	0.76	0.012	0.002	6.27E-09	0.004	0.009	7.00E-01
WHR	rs7138803	A	0.38	0.013	0.002	3.80E-12	0.001	0.008	8.30E-01
WHR	rs7222	T	0.50	0.011	0.002	1.40E-09	0.006	0.008	5.70E-01
WHR	rs729062	A	0.93	-0.020	0.004	1.46E-08	0.003	0.015	8.90E-01
WHR	rs7311622	T	0.45	-0.012	0.002	3.81E-11	0.012	0.008	1.20E-01
WHR	rs74628422	A	0.20	0.014	0.002	4.23E-09	-0.012	0.010	1.90E-01
WHR	rs79204097	A	0.10	-0.019	0.003	1.63E-08	-0.014	0.013	3.10E-01
WHR	rs7961979	A	0.13	0.016	0.003	6.07E-09	0.011	0.012	2.30E-01
WHR	rs863750	T	0.58	0.026	0.002	2.06E-52	0.014	0.008	6.60E-02
WHR	rs1163627	A	0.54	0.010	0.002	9.50E-10	0.012	0.008	1.20E-01
WHR	rs12430764	A	0.52	0.011	0.002	2.77E-09	-0.005	0.008	5.50E-01
WHR	rs1360485	T	0.68	0.015	0.002	3.05E-17	0.016	0.008	3.80E-02
WHR	rs1379828	T	0.81	-0.013	0.002	4.43E-10	-0.014	0.010	1.40E-01
WHR	rs1441264	A	0.59	0.011	0.002	6.97E-10	0.002	0.008	9.10E-01
WHR	rs2225226	T	0.21	0.012	0.002	3.32E-08	0.004	0.009	6.60E-01
WHR	rs2475837	T	0.12	0.015	0.003	6.33E-09	-0.003	0.012	6.50E-01
WHR	rs4055791	T	0.42	-0.012	0.002	3.64E-09	-0.014	0.008	8.50E-02
WHR	rs664532	T	0.38	0.011	0.002	2.72E-09	0.008	0.008	3.50E-01
WHR	rs7350648	T	0.80	0.014	0.003	3.39E-08	0.004	0.010	7.10E-01
WHR	rs797486	A	0.89	0.032	0.003	5.47E-34	0.011	0.012	3.20E-01
WHR	rs7985834	A	0.86	-0.017	0.003	6.20E-10	-0.007	0.012	5.10E-01
WHR	rs9515201	A	0.31	-0.012	0.002	1.79E-11	-0.020	0.009	7.90E-03
WHR	rs9556979	T	0.69	-0.011	0.002	2.72E-09	-0.031	0.008	4.60E-04
WHR	rs9596270	T	0.93	0.027	0.003	7.70E-16	0.044	0.016	8.30E-03

WHR	rs10132280	A	0.31	-0.012	0.002	1.16E-10	0.002	0.008	6.30E-01
WHR	rs10133795	A	0.51	-0.010	0.002	7.57E-09	-0.002	0.008	8.90E-01
WHR	rs1190982	T	0.30	0.016	0.002	1.42E-16	-0.003	0.008	5.10E-01
WHR	rs17109256	A	0.23	0.017	0.002	8.44E-16	0.000	0.009	1.00E+00
WHR	rs2205189	A	0.28	0.011	0.002	1.60E-08	0.002	0.009	9.20E-01
WHR	rs2412107	T	0.22	0.013	0.002	2.40E-10	-0.004	0.009	5.90E-01
WHR	rs2526886	T	0.69	0.013	0.002	2.64E-09	0.016	0.008	2.50E-02
WHR	rs4902632	A	0.18	0.016	0.002	1.06E-10	0.006	0.010	5.50E-01
WHR	rs61986159	T	0.23	0.014	0.002	3.36E-09	0.000	0.009	9.40E-01
WHR	rs699371	T	0.36	-0.011	0.002	2.42E-08	-0.003	0.008	4.80E-01
WHR	rs7143963	T	0.17	0.014	0.002	6.34E-10	0.003	0.010	7.30E-01
WHR	rs7492628	C	0.68	-0.013	0.002	4.74E-11	-0.026	0.008	1.70E-03
WHR	rs11071759	T	0.39	0.010	0.002	7.57E-09	0.008	0.008	2.90E-01
WHR	rs11854996	A	0.74	0.011	0.002	1.20E-08	-0.007	0.009	4.20E-01
WHR	rs12101393	C	0.79	0.014	0.002	1.97E-10	0.014	0.009	1.00E-01
WHR	rs12440605	A	0.52	0.012	0.002	5.54E-11	-0.003	0.008	5.80E-01
WHR	rs12440695	T	0.62	-0.010	0.002	1.05E-08	0.002	0.008	6.90E-01
WHR	rs12593088	A	0.31	-0.013	0.002	1.62E-11	-0.013	0.008	1.40E-01
WHR	rs12595496	A	0.87	-0.018	0.003	1.08E-12	-0.019	0.012	1.50E-01
WHR	rs12908637	C	0.87	0.016	0.003	7.57E-09	0.024	0.011	2.80E-02
WHR	rs13329447	T	0.61	-0.010	0.002	2.01E-08	-0.007	0.008	4.20E-01
WHR	rs1657930	A	0.79	-0.013	0.002	1.12E-09	-0.001	0.010	9.90E-01
WHR	rs17158366	A	0.10	-0.016	0.003	1.10E-08	-0.002	0.013	8.00E-01
WHR	rs1992145	A	0.55	0.011	0.002	6.97E-10	0.010	0.008	2.90E-01
WHR	rs2061007	C	0.59	-0.011	0.002	5.43E-09	-0.007	0.008	3.30E-01
WHR	rs2456530	T	0.14	0.016	0.003	3.63E-10	0.013	0.011	2.40E-01
WHR	rs2469081	T	0.27	-0.013	0.002	1.12E-10	0.020	0.009	2.20E-02
WHR	rs3092982	C	0.50	0.010	0.002	1.46E-08	-0.001	0.008	9.60E-01
WHR	rs3736485	A	0.46	0.012	0.002	3.89E-12	0.002	0.008	8.80E-01
WHR	rs4779526	A	0.76	0.013	0.002	3.26E-10	0.002	0.009	8.30E-01
WHR	rs7183908	T	0.51	-0.016	0.002	2.79E-15	-0.004	0.008	6.10E-01
WHR	rs8024294	A	0.11	0.018	0.003	2.59E-10	0.001	0.013	9.60E-01
WHR	rs8039418	T	0.43	-0.011	0.002	3.43E-10	-0.023	0.008	9.50E-04
WHR	rs8043060	A	0.22	-0.017	0.002	1.04E-16	-0.003	0.009	7.60E-01
WHR	rs1558902	A	0.41	0.040	0.002	3.24E-121	0.024	0.008	2.60E-03
WHR	rs2008514	A	0.38	0.017	0.002	1.52E-23	0.018	0.008	1.80E-02
WHR	rs2047937	T	0.52	-0.011	0.002	4.51E-10	-0.002	0.008	8.10E-01
WHR	rs220381	A	0.67	-0.011	0.002	2.42E-08	-0.003	0.008	7.20E-01
WHR	rs2531992	A	0.16	-0.013	0.002	1.58E-08	-0.016	0.011	1.70E-01
WHR	rs2925979	T	0.30	0.022	0.002	6.94E-33	0.019	0.008	2.20E-02
WHR	rs3747579	T	0.71	-0.015	0.002	7.86E-17	-0.015	0.009	8.00E-02
WHR	rs400223	T	0.48	0.010	0.002	2.77E-08	0.006	0.008	4.80E-01
WHR	rs4243130	T	0.81	-0.012	0.002	8.32E-09	-0.017	0.010	6.20E-02
WHR	rs4782289	A	0.13	-0.015	0.003	5.22E-09	-0.035	0.011	2.70E-03
WHR	rs4788204	A	0.46	0.017	0.002	6.06E-21	-0.001	0.008	9.60E-01
WHR	rs71385734	T	0.83	0.019	0.003	1.53E-13	-0.004	0.010	6.90E-01
WHR	rs7186893	T	0.26	-0.014	0.002	7.38E-12	-0.015	0.009	1.10E-01
WHR	rs7198287	T	0.22	-0.014	0.002	3.55E-10	-0.010	0.010	2.80E-01
WHR	rs7206608	C	0.68	-0.013	0.002	2.32E-11	-0.016	0.008	4.00E-02
WHR	rs8054299	C	0.69	0.011	0.002	1.79E-08	0.017	0.008	3.30E-02
WHR	rs8054765	C	0.77	-0.012	0.002	8.32E-09	-0.010	0.009	2.50E-01
WHR	rs8060576	T	0.12	0.016	0.003	2.48E-09	0.016	0.012	1.40E-01
WHR	rs889398	T	0.41	-0.017	0.002	8.40E-24	-0.016	0.008	4.90E-02
WHR	rs929069	A	0.19	0.013	0.002	2.62E-08	0.026	0.010	1.30E-02
WHR	rs10512605	T	0.08	0.023	0.003	2.56E-12	0.043	0.014	3.00E-03
WHR	rs11654387	C	0.49	0.016	0.002	3.74E-19	-0.002	0.008	5.90E-01

WHR	rs11654395	T	0.92	-0.018	0.003	4.14E-08	-0.030	0.014	1.00E-02
WHR	rs12450225	A	0.50	-0.011	0.002	6.56E-10	0.000	0.008	7.90E-01
WHR	rs12601665	C	0.58	0.010	0.002	2.77E-08	0.002	0.008	9.60E-01
WHR	rs12602912	T	0.21	0.018	0.002	5.25E-17	0.006	0.010	6.20E-01
WHR	rs2306589	T	0.47	0.016	0.002	4.88E-21	0.002	0.008	9.60E-01
WHR	rs4239275	T	0.41	0.012	0.002	5.54E-11	0.010	0.008	2.00E-01
WHR	rs55938136	A	0.78	-0.018	0.002	2.44E-14	-0.015	0.009	1.20E-01
WHR	rs591939	A	0.75	-0.018	0.002	1.41E-14	-0.011	0.009	2.40E-01
WHR	rs62063286	T	0.78	0.024	0.002	6.55E-24	0.019	0.010	5.50E-02
WHR	rs672356	A	0.30	-0.013	0.002	3.26E-10	0.005	0.008	5.80E-01
WHR	rs7209595	C	0.45	0.014	0.002	4.17E-14	0.002	0.008	7.40E-01
WHR	rs7213608	T	0.68	-0.017	0.002	2.26E-19	-0.005	0.008	4.30E-01
WHR	rs7217226	T	0.66	-0.014	0.002	2.72E-14	-0.001	0.008	8.60E-01
WHR	rs7222766	A	0.47	0.009	0.002	4.49E-08	-0.005	0.008	5.60E-01
WHR	rs7223966	A	0.29	-0.014	0.002	5.57E-13	0.001	0.009	9.50E-01
WHR	rs72820838	T	0.05	0.025	0.004	7.80E-09	0.002	0.017	7.50E-01
WHR	rs77617442	T	0.28	0.012	0.002	2.93E-08	-0.017	0.009	5.30E-02
WHR	rs8070737	T	0.17	0.016	0.002	3.49E-12	-0.009	0.010	3.20E-01
WHR	rs8071778	C	0.15	-0.016	0.003	1.55E-10	-0.007	0.011	4.70E-01
WHR	rs8074344	A	0.43	0.012	0.002	6.63E-09	0.014	0.008	8.80E-02
WHR	rs858519	T	0.45	0.012	0.002	1.45E-09	0.017	0.008	2.70E-02
WHR	rs9895436	A	0.41	-0.011	0.002	5.43E-09	0.005	0.008	5.30E-01
WHR	rs9905140	T	0.39	0.011	0.002	2.00E-11	-0.008	0.008	3.70E-01
WHR	rs9988	T	0.83	0.015	0.002	2.40E-10	0.025	0.010	2.80E-02
WHR	rs10164099	T	0.87	-0.015	0.003	2.52E-09	-0.002	0.011	7.90E-01
WHR	rs1158805	A	0.38	-0.013	0.002	1.48E-13	-0.020	0.008	1.20E-02
WHR	rs11664106	A	0.63	0.020	0.002	1.67E-21	0.014	0.008	6.90E-02
WHR	rs1787013	T	0.56	-0.011	0.002	1.97E-09	-0.013	0.008	8.80E-02
WHR	rs28434748	A	0.80	-0.015	0.002	2.40E-10	-0.005	0.010	5.00E-01
WHR	rs2981423	T	0.94	0.019	0.004	2.98E-08	0.008	0.016	6.70E-01
WHR	rs62095889	A	0.34	-0.017	0.002	2.68E-15	-0.002	0.008	8.60E-01
WHR	rs6567160	T	0.75	-0.026	0.002	1.70E-39	0.004	0.009	8.60E-01
WHR	rs7235891	T	0.52	-0.012	0.002	1.16E-10	-0.002	0.008	8.00E-01
WHR	rs7239114	A	0.54	0.010	0.002	2.29E-08	0.008	0.008	2.20E-01
WHR	rs8096564	T	0.28	0.011	0.002	1.20E-08	0.014	0.009	1.00E-01
WHR	rs9947450	T	0.04	-0.038	0.004	1.83E-18	-0.016	0.020	4.30E-01
WHR	rs9951872	A	0.16	0.021	0.002	9.22E-18	0.007	0.011	5.30E-01
WHR	rs1035942	A	0.27	0.012	0.002	1.45E-09	0.018	0.009	2.90E-02
WHR	rs11084735	A	0.68	0.013	0.002	2.32E-11	-0.009	0.008	3.20E-01
WHR	rs12459350	A	0.54	0.013	0.002	3.21E-15	0.001	0.008	9.70E-01
WHR	rs12461964	A	0.51	-0.013	0.002	4.10E-10	-0.005	0.008	5.00E-01
WHR	rs12608504	A	0.36	0.025	0.002	3.40E-44	0.031	0.008	6.20E-05
WHR	rs142927801	A	0.02	-0.041	0.007	1.42E-08	-0.059	0.028	4.70E-02
WHR	rs17724992	A	0.72	0.014	0.002	5.22E-14	-0.014	0.009	1.20E-01
WHR	rs1800437	C	0.19	-0.021	0.002	2.10E-21	0.015	0.010	1.00E-01
WHR	rs34132828	A	0.69	-0.016	0.002	4.60E-11	0.006	0.010	5.10E-01
WHR	rs350846	C	0.12	0.015	0.003	3.80E-08	-0.005	0.012	7.50E-01
WHR	rs3786897	A	0.58	-0.024	0.002	3.56E-44	0.003	0.008	6.60E-01
WHR	rs3810291	A	0.65	0.012	0.002	1.79E-11	-0.004	0.008	6.60E-01
WHR	rs429358	T	0.85	0.035	0.003	1.35E-37	0.121	0.011	1.50E-29
WHR	rs439223	A	0.08	0.024	0.003	8.87E-13	0.042	0.015	8.70E-03
WHR	rs4808845	A	0.59	0.012	0.002	1.06E-09	0.010	0.008	2.80E-01
WHR	rs55957788	A	0.30	0.013	0.002	6.00E-10	0.007	0.009	3.50E-01
WHR	rs7257330	A	0.38	0.013	0.002	2.24E-13	-0.002	0.008	8.90E-01
WHR	rs8103017	C	0.70	-0.017	0.002	6.38E-14	0.003	0.009	5.80E-01
WHR	rs998732	A	0.83	0.017	0.002	7.29E-13	0.011	0.011	3.30E-01



WHR	rs1328757	T	0.47	0.011	0.002	2.40E-10	-0.003	0.008	6.90E-01
WHR	rs143384	A	0.59	0.016	0.002	7.68E-20	-0.009	0.008	3.20E-01
WHR	rs1997833	T	0.71	-0.012	0.002	1.35E-10	-0.002	0.009	7.70E-01
WHR	rs2104574	T	0.30	-0.010	0.002	7.94E-08	-0.009	0.009	3.30E-01
WHR	rs2236519	A	0.37	0.021	0.002	5.08E-32	0.011	0.008	1.70E-01
WHR	rs3092781	T	0.45	-0.015	0.002	1.47E-17	-0.020	0.008	9.00E-03
WHR	rs4812700	T	0.14	-0.018	0.003	2.78E-10	-0.008	0.012	5.50E-01
WHR	rs6021889	A	0.71	0.020	0.002	1.21E-26	0.020	0.009	2.40E-02
WHR	rs7267979	A	0.44	0.010	0.002	2.83E-09	0.028	0.008	1.30E-04
WHR	rs805770	T	0.40	0.018	0.002	4.65E-23	0.014	0.008	9.90E-02
WHR	rs910382	A	0.49	-0.017	0.002	6.06E-21	-0.009	0.008	2.80E-01
WHR	rs979012	T	0.36	0.012	0.002	1.16E-10	0.012	0.008	8.80E-02
WHR	rs2823096	A	0.81	0.013	0.002	2.62E-08	0.007	0.010	4.90E-01
WHR	rs2836179	A	0.41	-0.013	0.002	2.24E-13	-0.017	0.008	2.80E-02
WHR	rs2838006	T	0.36	-0.011	0.002	9.65E-09	-0.005	0.008	5.80E-01
WHR	rs2839108	T	0.74	-0.011	0.002	1.60E-08	-0.010	0.009	2.40E-01
WHR	rs28451064	A	0.13	0.018	0.003	3.64E-09	0.009	0.012	3.90E-01
WHR	rs2294239	A	0.57	0.020	0.002	5.93E-32	0.007	0.008	4.60E-01
WHR	rs3788529	A	0.70	-0.012	0.002	8.32E-09	-0.013	0.009	1.20E-01
WHR	rs4820408	T	0.38	0.011	0.002	1.44E-10	-0.011	0.008	1.60E-01
WHR	rs510197	A	0.80	-0.015	0.002	4.37E-11	-0.008	0.010	4.50E-01
WHR	rs5762919	T	0.95	-0.028	0.004	1.60E-10	0.000	0.020	8.80E-01
WHR	rs713770	A	0.36	0.012	0.002	3.81E-11	0.005	0.008	5.00E-01
WHR	rs8141715	T	0.75	-0.014	0.002	1.05E-11	-0.008	0.009	4.80E-01
ACEI	rs4291	A	0.63	-0.028	0.003	9.09E-20	0.001	0.008	9.80E-01
BBs	rs11196549	G	0.96	-0.069	0.008	1.63E-18	0.033	0.019	7.10E-02
BBs	rs11196597	G	0.87	-0.029	0.005	4.37E-10	0.018	0.012	1.10E-01
BBs	rs17875473	C	0.92	-0.033	0.006	2.72E-09	0.026	0.014	5.40E-02
BBs	rs1801253	G	0.26	-0.046	0.003	3.18E-41	0.002	0.009	8.90E-01
BBs	rs4359161	A	0.18	-0.027	0.004	9.88E-12	0.023	0.010	2.70E-02
BBs	rs460718	A	0.33	-0.028	0.003	1.45E-17	-0.001	0.008	9.00E-01
CCB	rs113210396	T	0.05	-0.043	0.008	1.76E-08	-0.001	0.018	9.60E-01
CCB	rs114987861	G	0.97	-0.053	0.010	3.37E-08	0.010	0.024	6.40E-01
CCB	rs3821843	G	0.32	-0.034	0.003	7.60E-24	-0.002	0.008	9.90E-01
CCB	rs7340705	T	0.68	-0.024	0.003	5.03E-14	-0.007	0.008	4.00E-01
CCB	rs10828399	A	0.51	-0.019	0.003	1.14E-10	-0.004	0.008	6.80E-01
CCB	rs10828452	T	0.21	-0.030	0.004	4.14E-15	0.015	0.010	9.00E-02
CCB	rs11014170	A	0.02	-0.067	0.012	5.64E-09	0.025	0.029	3.40E-01
CCB	rs112133583	T	0.03	-0.055	0.010	1.20E-08	0.004	0.023	6.80E-01
CCB	rs12258967	G	0.30	-0.063	0.003	1.22E-78	0.010	0.008	1.70E-01
CCB	rs12780039	G	0.88	-0.029	0.005	1.29E-09	0.003	0.012	7.70E-01
CCB	rs16916914	T	0.97	-0.056	0.008	2.70E-12	0.002	0.022	8.80E-01
CCB	rs1779209	C	0.72	-0.027	0.003	3.86E-16	0.020	0.009	3.10E-02
CCB	rs1888693	G	0.66	-0.039	0.003	4.47E-34	0.015	0.008	6.50E-02
CCB	rs1998822	A	0.72	-0.020	0.003	1.14E-08	0.004	0.009	5.50E-01
CCB	rs2488136	G	0.71	-0.023	0.003	1.29E-11	0.009	0.008	4.10E-01
CCB	rs4748474	G	0.48	-0.019	0.003	1.54E-10	0.010	0.008	1.80E-01
CCB	rs61278674	A	0.90	-0.033	0.005	1.01E-09	0.022	0.013	1.10E-01
CCB	rs7076319	A	0.74	-0.032	0.003	4.80E-21	0.012	0.009	2.20E-01
CCB	rs72786098	A	0.03	-0.050	0.009	1.20E-08	0.038	0.021	4.60E-02
CCB	rs7923191	A	0.79	-0.037	0.004	9.82E-23	-0.009	0.010	4.00E-01
CCB	rs150857355	G	0.98	-0.094	0.011	5.15E-17	0.010	0.027	7.20E-01
CCB	rs2239046	G	0.32	-0.021	0.003	1.01E-10	-0.016	0.008	3.20E-02
CCB	rs714277	C	0.72	-0.020	0.003	2.46E-09	-0.003	0.009	7.60E-01
HMGCR	rs12916	T	0.60	-0.235	0.012	6.58E-83	0.009	0.008	2.40E-01
LDLR	rs6511720	T	0.12	-0.677	0.014	0.00E+00	0.016	0.012	2.30E-01

LDLR	rs688	C	0.55	-0.173	0.012	3.04E-48	-0.010	0.008	2.40E-01
NPC1L1	rs2073547	A	0.81	-0.150	0.015	4.53E-23	-0.014	0.010	1.80E-01
PCSK9	rs10888897	T	0.39	-0.162	0.000	0.00E+00	0.007	0.008	3.50E-01
PCSK9	rs2479394	A	0.72	-0.124	0.000	0.00E+00	0.000	0.009	9.30E-01

**Supplementary Table 2. Characteristics of participants in the genome-wide association analysis of hepatic fat**

Characteristics	Value
Female	19049 (51.9%)
Age at enrollment, years	54.9 (7.47)
Age at imaging, years	64.2 (7.56)
Coronary artery disease	1076 (2.9%)
Diabetes	1808 (4.9%)
Obese	6495 (17.7%)
Hypertension	10289 (28.0%)
Medications	
Anti-hypertensive therapy	4940 (13.5%)
Lipid-lowering therapy	5552 (15.1%)
Anthropometric data	
Weight, kg	76.8 (14.8)
Waist-to-hip ratio	0.86 (0.09)
Body-mass index, kg/m <sup>2</sup>	26.6 (4.19)
Body fat, %	30.0 (8.17)
Estimated untreated systolic blood pressure, mmHg	137 (19.3)
Alcohol consumption	
Weekly drinks, U.S. standard	5.48 (6.37)
Weekly drinks, U.K. standard	9.58 (11.1)
Excessive alcohol intake, U.S.	2015 (5.5%)
Excessive alcohol intake, U.K.	9066 (24.7%)
Liver-associated biomarker concentrations	
Alanine aminotransferase, IU/L	23.0 (13.9)
Aspartate aminotransferase, IU/L	25.8 (10.5)
Gamma glutamyltransferase, IU/L	33.7 (33.9)
Estimated untreated lipid concentrations	
Total cholesterol, mg/dL	227 (40.7)
LDL cholesterol, mg/dL	144 (32.0)
HDL cholesterol, mg/dL	57.0 (14.5)
Triglycerides, mg/dL	126 [89-184]
Glycemic biomarker concentrations	
Glycated hemoglobin, %	5.36 (0.475)
Random glucose, mg/dL	89.9 (17.5)

Values correspond to number (%), mean (standard deviation), or median [interquartile range]. Obesity was defined as body-mass index  $\geq 30$  kg/m<sup>2</sup> [1]; excessive alcohol intake, U.S. was defined as alcohol intake exceeding American Association for the Study of Liver Disease guidelines for NAFLD definition [2]; excessive alcohol intake, U.K. was defined as alcohol intake exceeding the UK Chief Medical Officers recommendations [3]. Diseases were defined as prevalent at time of initial assessment.

1. NHLBI Expert Panel (1998). Clinical Guidelines on the Identification, Evaluation, and Treatment of Overweight and Obesity in Adults--The Evidence Report. *Obes. Res.* 6 Suppl 2, 51S-209S.

2. Chalasani, N., Younossi, Z., Lavine, J.E., Charlton, M., Cusi, K., Rinella, M., Harrison, S.A., Brunt, E.M., and Sanyal, A.J. (2018). The diagnosis and management of nonalcoholic fatty liver disease: Practice guidance from the American Association for the Study of Liver Diseases. *Hepatology*. Baltimore, Md 67, 328–357.

3. Department of Health (2016). UK Chief Medical Officers' Low Risk Drinking Guidelines.

**Supplementary Table 3. F statistics and Steiger directionality test for studied traits**

Exposure	N_Exp	R2	IVs	F	Correct_causal_ direction	Steiger_pval
Body mass index	806834	0.037	312	99	TRUE	8.20E-29
Waist-to-hip ratio	697734	0.046	581	58	TRUE	5.89E-03
Type 2 diabetes	1407282	0.177	497	609	TRUE	5.10E-294
Fasting insulin	196991	0.014	38	74	TRUE	7.01E-13
Fasting glucose	196991	0.041	71	119	TRUE	1.01E-125
HDL cholesterol	403943	0.142	480	139	TRUE	4.30E-159
LDL cholesterol	440546	0.078	207	180	TRUE	3.76E-25
Triglycerides	441016	0.105	399	130	TRUE	6.87E-58
Smoking initiation	1232091	0.023	314	92	TRUE	2.58E-11
Alcohol consumption	941280	0.003	84	34	FALSE	2.70E-05
Coffee consumption	375833	0.005	12	157	TRUE	1.71E-11
Caffeine consumption	375833	0.005	24	79	TRUE	1.71E-11
Strenuous sports	350492	0.002	6	117	FALSE	1.49E-04
Television watching	422218	0.012	112	46	TRUE	3.43E-03

**Supplementary Table 4. Results of false discovery rate correction**

Exposure	Original <i>P</i> value	Benjamini-Hochberg Adjusted	Significant using an FDR of 0.05?
Waist-to-hip ratio	2.26E-68	5.66E-67	Yes
Body mass index	7.53E-24	9.41E-23	Yes
Type 2 diabetes	3.74E-18	3.11E-17	Yes
Television watching	4.82E-07	3.01E-06	Yes
Fasting insulin	3.26E-06	1.63E-05	Yes
Triglycerides	6.95E-06	2.90E-05	Yes
High-density lipoprotein cholesterol	7.57E-06	2.70E-05	Yes
Lifetime smoking index	2.14E-05	6.67E-05	Yes
Smoking initiation	2.19E-05	6.09E-05	Yes
Age of smoking initiation	3.35E-03	8.38E-03	Yes
Systolic blood pressure	4.68E-03	1.06E-02	Yes
CCB	8.51E-03	1.77E-02	Yes
Alcohol drinking	9.88E-03	1.90E-02	Yes
Low-density lipoprotein cholesterol	1.89E-02	3.38E-02	Yes
BBs	3.77E-02	6.29E-02	No
Strenuous sports	9.01E-02	1.41E-01	No
NPC1L1	1.46E-01	2.15E-01	No
HMGCR	2.70E-01	3.75E-01	No
Fasting glucose	3.83E-01	5.04E-01	No
Caffeine consumption	4.01E-01	5.01E-01	No
LDLR	4.41E-01	5.25E-01	No
PCSK9	4.42E-01	5.02E-01	No
Cigarettes per day	4.82E-01	5.24E-01	No
Coffee consumption	8.54E-01	8.89E-01	No
ACEi	8.56E-01	8.56E-01	No

Supplementary Table 5. Results of MR sensitivity analyses

Exposure	SNPs	Cochran' Q	MR-Egger int P_intercept	Inverse weighted median			Weighted median			
				Beta	95% CI	P	Beta	95% CI	P	
<b>Metabolic factor</b>										
Body mass index	312	417	0.002	0.120	0.32	0.26-0.39	7.53E-24	0.29	0.18-0.4	3.09E-07
Waist-to-hip ratio	580	859	0.001	0.525	0.51	0.46-0.57	2.26E-68	0.47	0.4-0.55	2.06E-33
Type 2 diabetes	493	1644	0.004	0.003	0.15	0.12-0.19	3.74E-18	0.10	0.06-0.14	9.27E-08
Fasting insulin	38	121	0.011	0.162	0.75	0.43-1.07	3.26E-06	0.75	0.43-1.07	4.34E-06
Fasting glucose	69	122	0.004	0.201	-0.06	-0.19-0.07	0.383	-0.03	-0.18-0.13	0.737
Systolic blood pressure_10mmHg	226	309	-0.001	0.791	0.10	0.03-0.16	0.005	0.06	-0.03-0.15	0.211
High-density lipoprotein cholesterol	480	1428	-0.005	3.13E-06	-0.13	-0.19--0.07	7.57E-06	-0.10	-0.17--0.03	0.004
Low-density lipoprotein cholesterol	207	1118	0.008	3.20E-04	-0.11	-0.2--0.02	0.019	-0.11	-0.19--0.04	0.002
Triglycerides	397	1471	0.008	5.80E-09	0.15	0.09-0.22	6.95E-06	0.18	0.1-0.25	2.17E-06
<b>Lifestyle factor</b>										
Smoking initiation	314	424	-0.004	0.077	0.13	0.07-0.18	2.19E-05	0.10	0.02-0.18	0.015
Age of smoking initiation	7	3	0.012	0.363	-0.33	-0.56--0.11	0.003	-0.29	-0.71-0.12	0.168
Cigarettes per day	19	29	0.005	0.286	0.03	-0.05-0.1	0.482	-0.02	-0.11-0.07	0.695
Lifetime smoking index	126	188	0.004	0.333	0.27	0.15-0.4	2.14E-05	0.21	0.05-0.37	0.012
Alcohol drinking	83	235	-0.009	0.005	0.33	0.08-0.58	0.010	0.43	0.17-0.69	0.001
Alcohol drinking_without_ADH1B	82	212	-0.005	0.281	0.15	-0.12-0.42	0.281	0.24	-0.05-0.52	0.101
Coffee consumption	12	38	-0.017	0.078	0.02	-0.19-0.23	0.854	0.07	-0.07-0.2	0.344
Caffeine consumption	24	63	0.004	0.393	0.06	-0.07-0.19	0.401	0.04	-0.06-0.14	0.392
Caffeine consumption from tea	19	14	-0.006	0.181	0.06	-0.09-0.21	0.433	0.12	-0.1-0.34	0.280
Caffeine consumption from coffee	20	53	0.001	0.884	0.13	-0.12-0.38	0.312	0.10	-0.1-0.29	0.346
Strenuous sports	6	75	-0.017	0.776	-0.64	-1.37-0.1	0.090	-0.25	-0.52-0.02	0.070
Television watching	112	224	-0.002	0.719	0.36	0.22-0.5	4.82E-07	0.36	0.21-0.5	1.32E-06
<b>Drug traget</b>										
β-blockers	6	8	-0.008	0.684	-0.31	-0.6--0.02	3.77E-02	-0.25	-0.56-0.06	1.15E-01
Calcium-channel blockers	23	23	0.003	0.579	-0.17	-0.3--0.04	8.51E-03	-0.15	-0.35-0.05	1.31E-01

Exposure	MR-Egger			MR-PRESSO Outlier	MR-PRESSO			Contamination mixture		
	Beta	95% CI	P		Beta	95% CI	P	Beta	95% CI	P
<b>Metabolic factor</b>										
Body mass index	0.21	0.06-0.37	0.008	2	0.31	0.25-0.37	1.53E-20	0.40	0.29-0.47	4.18E-18
Waist-to-hip ratio	0.46	0.3-0.63	6.38E-08	3	0.49	0.44-0.55	1.47E-57	0.50	0.45-0.58	2.84E-47
Type 2 diabetes	0.06	-0.01-0.13	0.079	8	0.15	0.13-0.18	3.17E-31	0.16	0.13-0.19	2.89E-31
Fasting insulin	0.11	-0.82-1.04	0.817	1	0.93	0.68-1.17	0.000	1.12	0.86-1.44	1.45E-11
Fasting glucose	-0.20	-0.45-0.05	0.124	1	-0.02	-0.14-0.1	0.797	0.02	-0.08-0.13	0.714
Systolic blood pressure_10mmHg	0.13	-0.13-0.38	0.323	0	0.10	0.03-0.16	0.005	0.03	-0.04-0.11	0.380
High-density lipoprotein cholesterol	0.03	-0.06-0.12	0.491	12	-0.17	-0.21--0.13	2.94E-15	-0.17	-0.2--0.13	6.04E-16
Low-density lipoprotein cholesterol	-0.30	-0.43--0.16	0.000	15	-0.05	-0.11-0	0.062	-0.07	-0.11--0.02	0.015
Triglycerides	-0.08	-0.18-0.02	0.119	10	0.26	0.21-0.3	4.63E-22	0.32	0.28-0.42	2.45E-22
<b>Lifestyle factor</b>										
Smoking initiation	0.34	0.1-0.57	0.006	1	0.12	0.06-0.18	4.71E-05	0.10	0.04-0.19	0.002
Age of smoking initiation	-0.86	-1.93-0.22	0.180	0	-0.33	-0.56--0.11	0.026	-0.33	-0.66-0	0.051
Cigarattes per day	-0.03	-0.16-0.1	0.634	0	0.03	-0.05-0.1	0.491	0.01	-0.05-0.18	0.636
Lifetime smoking index	0.03	-0.46-0.53	0.893	1	0.26	0.13-0.38	6.39E-05	0.28	0.15-0.4	2.12E-04
Alcohol drinking	0.92	0.46-1.38	2.01E-04	5	0.30	0.09-0.51	0.006	0.33	0.09-0.54	0.010
Alcohol drinking_without_ADH1B	0.55	-0.23-1.33	0.168	4	0.24	0.03-0.46	0.027	0.33	0.09-0.54	0.010
Coffee consumption	0.33	-0.03-0.68	0.105	1	0.08	-0.05-0.21	0.265	0.05	-0.06-0.16	0.367
Caffeine consumption	0.00	-0.17-0.18	0.978	2	0.07	-0.02-0.16	0.150	0.07	-0.01-0.14	0.095
Caffeine consumption from tea	0.31	-0.08-0.69	0.138	0	0.06	-0.09-0.21	0.443	0.09	-0.07-0.26	0.293
Caffeine consumption from coffee	0.10	-0.4-0.59	0.712	1	0.20	0-0.39	0.061	0.13	-0.04-0.31	0.138
Strenuous sports	-0.20	-3.12-2.72	0.899	2	-0.38	-0.55--0.22	0.020	-0.31	-0.51--0.11	0.004
Television watching	0.48	-0.19-1.15	0.163	1	0.32	0.21-0.43	5.49E-08	0.32	0.19-0.44	5.17E-07
<b>Drug traget</b>										
β-blockers	-0.09	-1.12-0.95	0.878	0	-0.31	-0.6--0.02	9.23E-02	-0.31	-0.93-0	3.33E-03
Calcium-channel blockers	-0.26	-0.58-0.07	0.137	0	-0.17	-0.3--0.04	1.53E-02	-0.20	-0.32--0.07	4.54E-03

CI, confidence interval; SNPs, single nucleotide polymorphisms.



**Supplementary Table 6. Sensitivity analysis of removing SNPs associated with liver fat at the loci-wide significance level**

Exposure	SNPs	Beta	SE	95% CI	P
<b>Metabolic factor</b>					
Body mass index	310	0.319	0.032	0.26-0.38	1.20E-23
Waist-to-hip ratio	577	0.487	0.028	0.43-0.54	9.73E-70
Type 2 diabetes	488	0.134	0.012	0.11-0.16	1.79E-28
Fasting insulin	36	0.878	0.127	0.63-1.13	4.79E-12
Fasting glucose	68	-0.016	0.061	-0.14-0.1	7.97E-01
Systolic blood pressure	226	0.096	0.034	0.03-0.16	4.68E-03
HDL cholesterol	473	-0.148	0.021	-0.19--0.11	1.89E-12
LDL cholesterol	197	-0.040	0.031	-0.1-0.02	1.92E-01
Triglycerides	388	0.230	0.027	0.18-0.28	8.34E-18
<b>Lifestyle factor</b>					
Smoking initiation	314	0.125	0.029	0.07-0.18	2.19E-05
Alcohol drinking	79	0.271	0.112	0.05-0.49	1.53E-02
Coffee consumption	11	0.077	0.066	-0.05-0.21	2.38E-01
Caffeine consumption	23	0.080	0.052	-0.02-0.18	1.30E-01
Strenuous sports	5	-0.307	0.076	-0.46--0.16	5.56E-05
Television	111	0.319	0.055	0.21-0.43	5.37E-09

CI, confidence interval; SE, standard error; SNPs, single nucleotide polymorphisms.