

Supplementary Table 1. Detailed information of SNPs used in the MR analysis of UF on CHD.

SNP	Chr	Position	A1	A2	EAF	Uterine Fibroids			Coronary Heart Disease			F-val
						Beta	SE	P-val	Beta	SE	P-val	
rs10069690	5	1279790	T	C	0.262543	0.1226	0.01	1.79E-34	-0.02	0.033	0.544473	150.3064
rs1045405	11	252733	C	T	0.152915	0.0759	0.0127	2.07E-09	-0.06114	0.047371	0.196816	35.71682
rs10815717	9	804924	A	G	0.495339	0.0776	0.009	6.76E-18	-0.00291	0.014004	0.835621	74.34214
rs10947616	6	36623083	G	C	0.273529	-0.0695	0.0096	5.86E-13	-0.00104	0.017339	0.952033	52.41116
rs11008551	10	31913890	T	G	0.197621	-0.0609	0.011	3.03E-08	0.008848	0.021384	0.679036	30.65109
rs11786929	8	1.3E+08	C	T	0.365194	0.0544	0.009	1.53E-09	0.002889	0.016879	0.864095	36.53503
rs11887109	2	1E+08	G	A	0.525423	0.0593	0.0088	1.56E-11	0.023403	0.015312	0.126412	45.40887
rs12479436	2	11666339	G	T	0.585117	0.0839	0.0087	8.06E-22	-0.00738	0.014507	0.610793	92.99981
rs12674731	8	30175381	C	A	0.27411	0.0574	0.0095	1.49E-09	-0.00954	0.018301	0.602304	36.50675
rs12902948	15	77850146	C	T	0.279137	-0.0629	0.01	3.50E-10	-0.01716	0.015084	0.255345	39.56379
rs1506869	8	25269102	A	C	0.328855	-0.052	0.0091	1.02E-08	-0.02116	0.015871	0.182451	32.65281
rs16991615	20	5948227	A	G	0.05205	0.1451	0.0265	4.30E-08	0.021693	0.030012	0.469793	29.98056
rs17033114	12	1.03E+08	C	T	0.125296	-0.1322	0.0145	7.35E-20	-0.03942	0.03851	0.306033	83.12345
rs17116149	10	1.06E+08	A	G	0.038813	0.2688	0.0197	1.83E-42	0.113656	0.079994	0.155372	186.1756
rs17631680	2	67090367	C	T	0.101614	-0.1045	0.0179	5.14E-09	-0.03288	0.023981	0.170395	34.08185
rs2131371	12	46796522	C	A	0.731473	0.075	0.0101	1.20E-13	0.010181	0.014534	0.483617	55.14123
rs2207548	11	32368744	A	C	0.323407	0.1026	0.0103	1.38E-23	0.023336	0.014362	0.104192	99.22404
rs2277339	12	57146069	G	T	0.132493	-0.0801	0.0121	3.12E-11	0.008797	0.028318	0.756082	43.82187
rs2293607	3	1.69E+08	C	T	0.343688	-0.0845	0.0093	1.61E-19	0.026156	0.016459	0.112033	82.55515
rs2306022	15	68628163	T	C	0.08676	0.1104	0.0152	3.89E-13	0.0176	0.026026	0.498894	52.75305
rs2413620	22	40668988	G	C	0.256586	0.1028	0.0095	4.35E-27	-0.00158	0.016721	0.924516	117.0943
rs34933909	5	1.76E+08	T	G	0.459616	0.0916	0.0151	1.44E-09	-0.01235	0.014091	0.38069	36.7988
rs3804984	3	4716214	C	T	0.470262	-0.0618	0.0092	1.89E-11	-0.0016	0.014429	0.911681	45.123
rs3820282	1	22468215	T	C	0.250518	0.1542	0.0102	4.06E-52	-0.0014	0.019267	0.942235	228.5415
rs547904	3	8947601	G	A	0.657141	0.0505	0.0092	4.86E-08	-0.01311	0.015468	0.396592	30.13032
rs6903575	6	74508038	A	G	0.495939	-0.0618	0.0085	4.50E-13	0.003538	0.013924	0.799439	52.86104
rs7043754	9	652079	A	G	0.443614	-0.0542	0.0087	4.75E-10	0.009405	0.014135	0.505799	38.81117

rs7841047	8	71265978	A	G	0.247413	0.0651	0.0102	1.96E-10	-0.01723	0.019296	0.371894	40.73411
rs8105767	19	22215441	G	A	0.311329	0.0496	0.0091	4.97E-08	-0.01939	0.015522	0.211611	29.70826
rs9549260	13	41254104	A	C	0.284865	0.0559	0.0092	1.53E-09	-0.00521	0.016914	0.757923	36.91855

SNP, single nucleotide polymorphism; Chr, chromosome; EAF, effect allele frequency.

Supplementary Table 2. Detailed information of SNPs used in the MR analysis of UF on MI.

SNP	Chr	Position	A1	A2	EAF	Uterine Fibroids			Myocardial Infarction			<i>F-val</i>
						Beta	SE	<i>P-val</i>	Beta	SE	<i>P-val</i>	
rs10069690	5	1279790	T	C	0.262543	0.1226	0.01	1.79E-34	-0.01215	0.012212	0.32	150.3064
rs1045405	11	252733	C	T	0.152915	0.0759	0.0127	2.07E-09	0.001646	0.027733	0.95	35.71682
rs10815717	9	801571	A	G	0.495339	0.0776	0.009	6.76E-18	-0.01731	0.01112	0.12	74.34214
rs10947616	6	36620499	G	C	0.273529	-0.0695	0.0096	5.86E-13	0.014453	0.012944	0.26	52.41116
rs11008551	10	31913890	T	G	0.197621	-0.0609	0.011	3.03E-08	0.02286	0.013559	0.092001	30.65109
rs117245733	13	40723944	A	G	0.020552	0.3827	0.0379	6.12E-24	-0.02927	0.044959	0.52	101.9612
rs11786929	8	1.3E+08	C	T	0.365194	0.0544	0.009	1.53E-09	0.01131	0.011456	0.32	36.53503
rs11887109	2	1E+08	G	A	0.525423	0.0593	0.0088	1.56E-11	0.006626	0.010835	0.54	45.40887
rs12479436	2	11666339	G	T	0.585117	0.0839	0.0087	8.06E-22	-0.01066	0.010983	0.33	92.99981
rs12674731	8	30175381	C	A	0.27411	0.0574	0.0095	1.49E-09	0.003399	0.012758	0.79	36.50675
rs12902948	15	77849254	C	T	0.279137	-0.0629	0.01	3.50E-10	-0.00293	0.011616	0.8	39.56379
rs149934734	11	1.08E+08	T	C	0.02104	0.3506	0.0418	4.77E-17	-0.04412	0.034565	0.2	70.35062
rs1506869	8	25269102	A	C	0.328855	-0.052	0.0091	1.02E-08	0.015034	0.012391	0.23	32.65281
rs16991615	20	5948227	A	G	0.05205	0.1451	0.0265	4.30E-08	-0.01312	0.022058	0.55	29.98056
rs17033114	12	1.03E+08	C	T	0.125296	-0.1322	0.0145	7.35E-20	0.01773	0.023609	0.450001	83.12345
rs17116149	10	1.06E+08	A	G	0.038813	0.2688	0.0197	1.83E-42	0.027398	0.046453	0.56	186.1756
rs17631680	2	67090367	C	T	0.101614	-0.1045	0.0179	5.14E-09	-0.02304	0.01845	0.21	34.08185
rs2131371	12	46796522	C	A	0.731473	0.075	0.0101	1.20E-13	-9.98E-05	0.011855	0.99	55.14123
rs2207548	11	32368744	A	C	0.323407	0.1026	0.0103	1.38E-23	0.01262	0.010953	0.25	99.22404
rs2270206	7	1.17E+08	A	C	0.204286	0.0577	0.0104	2.83E-08	-0.01734	0.014993	0.25	30.78092
rs2277339	12	57146069	G	T	0.132493	-0.0801	0.0121	3.12E-11	-0.02449	0.017393	0.16	43.82187
rs2293607	3	1.69E+08	C	T	0.343688	-0.0845	0.0093	1.61E-19	0.00697	0.012549	0.58	82.55515
rs2306022	15	68628163	T	C	0.08676	0.1104	0.0152	3.89E-13	-0.00213	0.019096	0.91	52.75305
rs2413620	22	40668988	G	C	0.256586	0.1028	0.0095	4.35E-27	-0.03923	0.013131	0.0028	117.0943
rs28508285	9	92254897	G	A	0.181406	0.0735	0.0111	4.22E-11	-0.00704	0.01833	0.7	43.84553
rs34933909	5	1.76E+08	T	G	0.459616	0.0916	0.0151	1.44E-09	0.02415	0.010914	0.027	36.7988

rs3804984	3	4716214	C	T	0.470262	-0.0618	0.0092	1.89E-11	0.011651	0.01139	0.31	45.123
rs3820282	1	22468215	T	C	0.250518	0.1542	0.0102	4.06E-52	-0.00363	0.014816	0.81	228.5415
rs41308088	20	62293118	T	C	0.082701	0.12	0.0197	1.15E-09	-0.03382	0.019869	0.089	37.10451
rs4858590	3	24260363	T	C	0.434708	0.0553	0.0086	1.44E-10	0.019677	0.010801	0.068	41.34757
rs547904	3	8947601	G	A	0.657141	0.0505	0.0092	4.86E-08	-0.00801	0.012033	0.51	30.13032
rs56263516	6	31413707	G	T	0.135612	0.0661	0.0121	4.20E-08	0.002514	0.018251	0.89	29.84206
rs58415480	6	1.53E+08	G	C	0.177134	0.1999	0.0141	7.48E-46	-0.02635	0.015067	0.08	200.9944
rs62323681	4	54548347	G	A	0.062054	0.1606	0.0231	3.43E-12	-0.06411	0.021778	0.0032	48.33523
rs6500282	16	50138100	C	A	0.700054	0.0655	0.0093	1.96E-12	0.015875	0.01182	0.18	49.60362
rs6903575	6	74503730	A	G	0.495939	-0.0618	0.0085	4.50E-13	0.007702	0.01075	0.47	52.86104
rs7043754	9	630424	A	G	0.443614	-0.0542	0.0087	4.75E-10	-0.0073	0.010798	0.5	38.81117
rs7318389	13	40829568	C	T	0.202623	0.0594	0.0105	1.57E-08	-0.00669	0.014111	0.64	32.00302
rs73392700	11	224845	C	G	0.05756	-0.2686	0.0175	4.59E-53	0.01196	0.025782	0.64	235.5768
rs77687125	2	2.43E+08	T	C	0.398987	0.065	0.0113	7.57E-09	-0.00685	0.010986	0.53	33.08769
rs78378222	17	7571752	G	T	0.013713	0.8175	0.0487	3.95E-63	-0.04262	0.050737	0.4	281.7826
rs7841047	8	71265978	A	G	0.247413	0.0651	0.0102	1.96E-10	0.009343	0.014602	0.52	40.73411
rs8105767	19	22215441	G	A	0.311329	0.0496	0.0091	4.97E-08	-0.01194	0.011815	0.31	29.70826
rs9549260	13	41254104	A	C	0.284865	0.0559	0.0092	1.53E-09	0.002353	0.012965	0.86	36.91855

SNP, single nucleotide polymorphism; Chr, chromosome; EAF, effect allele frequency.

Supplementary Table 3. Detailed information of SNPs used in the MR analysis of UF on AF.

SNP	Chr	Position	A1	A2	EAF	Uterine Fibroids			Atrial Fibrillation			F-val
						Beta	SE	P-val	Beta	SE	P-val	
rs10069690	5	1279790	T	C	0.262543	0.1226	0.01	1.79E-34	0.0115	0.008	0.1508	150.3064
rs1045405	11	252733	C	T	0.152915	0.0759	0.0127	2.07E-09	0.0192	0.0177	0.2769	35.71682
rs10815717	9	801571	A	G	0.495339	0.0776	0.009	6.76E-18	0.0013	0.0069	0.8462	74.34214
rs10947616	6	36620499	G	C	0.273529	-0.0695	0.0096	5.86E-13	0.008	0.0081	0.3273	52.41116
rs11008551	10	31913890	T	G	0.197621	-0.0609	0.011	3.03E-08	0.012	0.0083	0.1468	30.65109
rs117245733	13	40723944	A	G	0.020552	0.3827	0.0379	6.12E-24	-0.0477	0.0303	0.1154	101.9612
rs11786929	8	1.3E+08	C	T	0.365194	0.0544	0.009	1.53E-09	-5.00E-04	0.0071	0.9476	36.53503
rs11887109	2	1E+08	G	A	0.525423	0.0593	0.0088	1.56E-11	7.00E-04	0.0067	0.9155	45.40887
rs12479436	2	11666339	G	T	0.585117	0.0839	0.0087	8.06E-22	-6.00E-04	0.0068	0.9287	92.99981
rs12674731	8	30175381	C	A	0.27411	0.0574	0.0095	1.49E-09	0.0054	0.0078	0.4928	36.50675
rs12902948	15	77849254	C	T	0.279137	-0.0629	0.01	3.50E-10	-0.0111	0.0072	0.1222	39.56379
rs149934734	11	1.08E+08	T	C	0.02104	0.3506	0.0418	4.77E-17	-0.0218	0.0244	0.3708	70.35062
rs1506869	8	25269102	A	C	0.328855	-0.052	0.0091	1.02E-08	2.00E-04	0.0075	0.9781	32.65281
rs16991615	20	5948227	A	G	0.05205	0.1451	0.0265	4.30E-08	-0.0181	0.0135	0.179	29.98056
rs17033114	12	1.03E+08	C	T	0.125296	-0.1322	0.0145	7.35E-20	-0.0149	0.0152	0.3277	83.12345
rs17116149	10	1.06E+08	A	G	0.038813	0.2688	0.0197	1.83E-42	0.0267	0.0303	0.3788	186.1756
rs17631680	2	67090367	C	T	0.101614	-0.1045	0.0179	5.14E-09	-0.0098	0.0113	0.3861	34.08185
rs2131371	12	46796522	C	A	0.731473	0.075	0.0101	1.20E-13	0.0118	0.0071	0.09813	55.14123
rs2207548	11	32368744	A	C	0.323407	0.1026	0.0103	1.38E-23	0.0165	0.0068	0.01536	99.22404
rs2270206	7	1.17E+08	A	C	0.204286	0.0577	0.0104	2.83E-08	0.0211	0.0093	0.02286	30.78092
rs2277339	12	57146069	G	T	0.132493	-0.0801	0.0121	3.12E-11	-0.0201	0.011	0.06795	43.82187
rs2293607	3	1.69E+08	C	T	0.343688	-0.0845	0.0093	1.61E-19	0.0043	0.0078	0.577301	82.55515
rs2306022	15	68628163	T	C	0.08676	0.1104	0.0152	3.89E-13	-0.0059	0.0118	0.6134	52.75305
rs2413620	22	40668988	G	C	0.256586	0.1028	0.0095	4.35E-27	-0.0103	0.0081	0.1994	117.0943
rs28508285	9	92254897	G	A	0.181406	0.0735	0.0111	4.22E-11	0.0101	0.0114	0.3756	43.84553
rs34242502	17	12561985	A	G	0.430701	0.069	0.0106	6.57E-11	0.0037	0.0107	0.7271	42.3724
rs34933909	5	1.76E+08	T	G	0.459616	0.0916	0.0151	1.44E-09	0.0209	0.0173	0.2257	36.7988

rs3804984	3	4716214	C	T	0.470262	-0.0618	0.0092	1.89E-11	0.0038	0.0069	0.584901	45.123
rs3820282	1	22468215	T	C	0.250518	0.1542	0.0102	4.06E-52	0.0118	0.0091	0.1941	228.5415
rs41308088	20	62293118	T	C	0.082701	0.12	0.0197	1.15E-09	0.0196	0.0131	0.135	37.10451
rs4858590	3	24260363	T	C	0.434708	0.0553	0.0086	1.44E-10	-0.0168	0.0067	0.01183	41.34757
rs547904	3	8947601	G	A	0.657141	0.0505	0.0092	4.86E-08	-0.0118	0.0074	0.1082	30.13032
rs56263516	6	31413707	G	T	0.135612	0.0661	0.0121	4.20E-08	0.008	0.0119	0.5038	29.84206
rs58415480	6	1.53E+08	G	C	0.177134	0.1999	0.0141	7.48E-46	-0.0048	0.0101	0.637901	200.9944
rs62323681	4	54548347	G	A	0.062054	0.1606	0.0231	3.43E-12	-0.0316	0.0132	0.01681	48.33523
rs6500282	16	50138100	C	A	0.700054	0.0655	0.0093	1.96E-12	0.0125	0.0075	0.096139	49.60362
rs6903575	6	74503730	A	G	0.495939	-0.0618	0.0085	4.50E-13	-0.0106	0.0066	0.1085	52.86104
rs7043754	9	630424	A	G	0.443614	-0.0542	0.0087	4.75E-10	-0.0115	0.0067	0.08288	38.81117
rs7318389	13	40829568	C	T	0.202623	0.0594	0.0105	1.57E-08	-0.0037	0.0089	0.673	32.00302
rs73392700	11	224845	C	G	0.05756	-0.2686	0.0175	4.59E-53	0.02	0.0169	0.2382	235.5768
rs77687125	2	2.43E+08	T	C	0.398987	0.065	0.0113	7.57E-09	0.0165	0.0075	0.02749	33.08769
rs78378222	17	7571752	G	T	0.013713	0.8175	0.0487	3.95E-63	0.0324	0.0309	0.2941	281.7826
rs7841047	8	71265978	A	G	0.247413	0.0651	0.0102	1.96E-10	-0.0171	0.0091	0.06117	40.73411
rs8105767	19	22215441	G	A	0.311329	0.0496	0.0091	4.97E-08	0.0196	0.0073	0.007308	29.70826
rs9549260	13	41254104	A	C	0.284865	0.0559	0.0092	1.53E-09	-0.02	0.008	0.01299	36.91855

SNP, single nucleotide polymorphism; Chr, chromosome; EAF, effect allele frequency.

supplementary Table 4. Detailed information of SNPs used in the MR analysis of UF on HF.

SNP	Chr	Position	A1	A2	EAF	Uterine Fibroids			Heart Failure			F-val
						Beta	SE	P-val	Beta	SE	P-val	
rs10069690	5	1279790	T	C	0.262543	0.1226	0.01	1.79E-34	-0.0216	0.0095	0.02318	150.3064
rs1045405	11	252733	C	T	0.152915	0.0759	0.0127	2.07E-09	0.0019	0.0233	0.9367	35.71682
rs10815717	9	801571	A	G	0.495339	0.0776	0.009	6.76E-18	-0.0063	0.0081	0.4393	74.34214
rs11008551	10	31913890	T	G	0.197621	-0.0609	0.011	3.03E-08	0.0078	0.0097	0.4219	30.65109
rs117245733	13	40723944	A	G	0.020552	0.3827	0.0379	6.12E-24	0.0274	0.0316	0.3869	101.9612
rs11786929	8	1.3E+08	C	T	0.365194	0.0544	0.009	1.53E-09	0.0097	0.0085	0.254	36.53503
rs11887109	2	1E+08	G	A	0.525423	0.0593	0.0088	1.56E-11	0.0061	0.0081	0.4523	45.40887
rs12479436	2	11666339	G	T	0.585117	0.0839	0.0087	8.06E-22	-0.0012	0.008	0.8849	92.99981
rs12674731	8	30175381	C	A	0.27411	0.0574	0.0095	1.49E-09	0.0085	0.0093	0.3619	36.50675
rs12902948	15	77849254	C	T	0.279137	-0.0629	0.01	3.50E-10	-4.00E-04	0.0085	0.9607	39.56379
rs149934734	11	1.08E+08	T	C	0.02104	0.3506	0.0418	4.77E-17	-0.0276	0.0276	0.3171	70.35062
rs1506869	8	25269102	A	C	0.328855	-0.052	0.0091	1.02E-08	-0.0079	0.0088	0.3733	32.65281
rs16991615	20	5948227	A	G	0.05205	0.1451	0.0265	4.30E-08	-0.0059	0.016	0.710901	29.98056
rs17033114	12	1.03E+08	C	T	0.125296	-0.1322	0.0145	7.35E-20	0.0087	0.018	0.626299	83.12345
rs17116149	10	1.06E+08	A	G	0.038813	0.2688	0.0197	1.83E-42	0.036	0.0353	0.3082	186.1756
rs17631680	2	67090367	C	T	0.101614	-0.1045	0.0179	5.14E-09	-0.0231	0.0132	0.079811	34.08185
rs2131371	12	46796522	C	A	0.731473	0.075	0.0101	1.20E-13	0.0142	0.0083	0.0879	55.14123
rs2207548	11	32368744	A	C	0.323407	0.1026	0.0103	1.38E-23	0.0045	0.0081	0.5799	99.22404
rs2270206	7	1.17E+08	A	C	0.204286	0.0577	0.0104	2.83E-08	0.0071	0.011	0.5201	30.78092
rs2277339	12	57146069	G	T	0.132493	-0.0801	0.0121	3.12E-11	-0.0143	0.0133	0.2837	43.82187
rs2293607	3	1.69E+08	C	T	0.343688	-0.0845	0.0093	1.61E-19	-3.00E-04	0.0093	0.9713	82.55515
rs2306022	15	68628163	T	C	0.08676	0.1104	0.0152	3.89E-13	0.0049	0.0138	0.7218	52.75305
rs28508285	9	92254897	G	A	0.181406	0.0735	0.0111	4.22E-11	0.0033	0.0138	0.811	43.84553
rs34242502	17	12561985	A	G	0.430701	0.069	0.0106	6.57E-11	0.0149	0.012	0.2141	42.3724
rs34933909	5	1.76E+08	T	G	0.459616	0.0916	0.0151	1.44E-09	-0.0014	0.0079	0.8576	36.7988
rs3804984	3	4716214	C	T	0.470262	-0.0618	0.0092	1.89E-11	0.0023	0.0082	0.778099	45.123
rs3820282	1	22468215	T	C	0.250518	0.1542	0.0102	4.06E-52	0.0104	0.0105	0.3252	228.5415

rs41308088	20	62293118	T	C	0.082701	0.12	0.0197	1.15E-09	-0.0164	0.0152	0.2792	37.10451
rs4858590	3	24260363	T	C	0.434708	0.0553	0.0086	1.44E-10	-0.0033	0.0079	0.673301	41.34757
rs547904	3	8947601	G	A	0.657141	0.0505	0.0092	4.86E-08	-0.0024	0.0088	0.7886	30.13032
rs56263516	6	31413707	G	T	0.135612	0.0661	0.0121	4.20E-08	0.0221	0.0128	0.084491	29.84206
rs62323681	4	54548347	G	A	0.062054	0.1606	0.0231	3.43E-12	-0.0159	0.0152	0.2975	48.33523
rs6500282	16	50138100	C	A	0.700054	0.0655	0.0093	1.96E-12	-0.0022	0.0089	0.804	49.60362
rs6903575	6	74503730	A	G	0.495939	-0.0618	0.0085	4.50E-13	0.0129	0.0078	0.1002	52.86104
rs7043754	9	630424	A	G	0.443614	-0.0542	0.0087	4.75E-10	0.0015	0.0078	0.8486	38.81117
rs7318389	13	40829568	C	T	0.202623	0.0594	0.0105	1.57E-08	-0.0207	0.0107	0.05259	32.00302
rs77687125	2	2.43E+08	T	C	0.398987	0.065	0.0113	7.57E-09	0.0059	0.0087	0.4985	33.08769
rs78378222	17	7571752	G	T	0.013713	0.8175	0.0487	3.95E-63	-0.0203	0.0337	0.5465	281.7826
rs7841047	8	71265978	A	G	0.247413	0.0651	0.0102	1.96E-10	0.0067	0.0109	0.538801	40.73411
rs8105767	19	22215441	G	A	0.311329	0.0496	0.0091	4.97E-08	-0.001	0.0085	0.9066	29.70826
rs9549260	13	41254104	A	C	0.284865	0.0559	0.0092	1.53E-09	0.0164	0.0095	0.085181	36.91855

SNP, single nucleotide polymorphism; Chr, chromosome; EAF, effect allele frequency.

Supplementary Table 5. Detailed information of SNPs used in the MR analysis of UF on CES.

SNP	Chr	Position	A1	A2	EAF	Uterine Fibroids			Cardioembolic Stroke			F-val
						Beta	SE	P-val	Beta	SE	P-val	
rs10069690	5	1279790	T	C	0.262543	0.1226	0.01	1.79E-34	0.057	0.0256	0.02594	150.3064
rs1045405	11	252733	C	T	0.152915	0.0759	0.0127	2.07E-09	0.0695	0.06	0.2468	35.71682
rs10815717	9	801571	A	G	0.495339	0.0776	0.009	6.76E-18	0.0141	0.0204	0.491501	74.34214
rs10947616	6	36620499	G	C	0.273529	-0.0695	0.0096	5.86E-13	0.0023	0.0236	0.9208	52.41116
rs11008551	10	31913890	T	G	0.197621	-0.0609	0.011	3.03E-08	-0.0134	0.024	0.5755	30.65109
rs117245733	13	40723944	A	G	0.020552	0.3827	0.0379	6.12E-24	0.1001	0.0869	0.2497	101.9612
rs11786929	8	1.3E+08	C	T	0.365194	0.0544	0.009	1.53E-09	0.0026	0.0202	0.8962	36.53503
rs11887109	2	1E+08	G	A	0.525423	0.0593	0.0088	1.56E-11	0.0313	0.0189	0.09725	45.40887
rs12479436	2	11666339	G	T	0.585117	0.0839	0.0087	8.06E-22	0.0039	0.0199	0.845	92.99981
rs12674731	8	30175381	C	A	0.27411	0.0574	0.0095	1.49E-09	0.0387	0.0224	0.084619	36.50675
rs12902948	15	77849254	C	T	0.279137	-0.0629	0.01	3.50E-10	0.014	0.0205	0.4931	39.56379
rs149934734	11	1.08E+08	T	C	0.02104	0.3506	0.0418	4.77E-17	0.0648	0.0683	0.3428	70.35062
rs1506869	8	25269102	A	C	0.328855	-0.052	0.0091	1.02E-08	-0.0307	0.0219	0.1601	32.65281
rs16991615	20	5948227	A	G	0.05205	0.1451	0.0265	4.30E-08	-0.0218	0.0416	0.6009	29.98056
rs17033114	12	1.03E+08	C	T	0.125296	-0.1322	0.0145	7.35E-20	-0.0221	0.0492	0.6534	83.12345
rs17116149	10	1.06E+08	A	G	0.038813	0.2688	0.0197	1.83E-42	0.1533	0.0952	0.1072	186.1756
rs17631680	2	67090367	C	T	0.101614	-0.1045	0.0179	5.14E-09	-0.0119	0.033	0.7181	34.08185
rs2131371	12	46796522	C	A	0.731473	0.075	0.0101	1.20E-13	0.0176	0.0202	0.3846	55.14123
rs2207548	11	32368744	A	C	0.323407	0.1026	0.0103	1.38E-23	-0.0094	0.0172	0.587	99.22404
rs2270206	7	1.17E+08	A	C	0.204286	0.0577	0.0104	2.83E-08	-2.00E-04	0.0269	0.9954	30.78092
rs2277339	12	57146069	G	T	0.132493	-0.0801	0.0121	3.12E-11	-0.0217	0.0341	0.524901	43.82187
rs2293607	3	1.69E+08	C	T	0.343688	-0.0845	0.0093	1.61E-19	0.0345	0.0226	0.1277	82.55515
rs2306022	15	68628163	T	C	0.08676	0.1104	0.0152	3.89E-13	0.016	0.0366	0.661301	52.75305
rs2413620	22	40668988	G	C	0.256586	0.1028	0.0095	4.35E-27	-0.0092	0.0234	0.693999	117.0943
rs28508285	9	92254897	G	A	0.181406	0.0735	0.0111	4.22E-11	0.0222	0.0337	0.51	43.84553
rs34242502	17	12561985	A	G	0.430701	0.069	0.0106	6.57E-11	-3.00E-04	0.0213	0.9899	42.3724
rs34933909	5	1.76E+08	T	G	0.459616	0.0916	0.0151	1.44E-09	0.0301	0.0196	0.125	36.7988

rs3804984	3	4716214	C	T	0.470262	-0.0618	0.0092	1.89E-11	-9.00E-04	0.02	0.966	45.123
rs3820282	1	22468215	T	C	0.250518	0.1542	0.0102	4.06E-52	-0.041	0.027	0.1288	228.5415
rs41308088	20	62293118	T	C	0.082701	0.12	0.0197	1.15E-09	0.0931	0.0394	0.01806	37.10451
rs4858590	3	24260363	T	C	0.434708	0.0553	0.0086	1.44E-10	0.0019	0.0193	0.9221	41.34757
rs547904	3	8947601	G	A	0.657141	0.0505	0.0092	4.86E-08	-0.0161	0.0212	0.4481	30.13032
rs56263516	6	31413707	G	T	0.135612	0.0661	0.0121	4.20E-08	0.1108	0.0388	0.004344	29.84206
rs58415480	6	1.53E+08	G	C	0.177134	0.1999	0.0141	7.48E-46	0.0132	0.0271	0.6269	200.9944
rs62323681	4	54548347	G	A	0.062054	0.1606	0.0231	3.43E-12	-0.0677	0.0385	0.078421	48.33523
rs6500282	16	50138100	C	A	0.700054	0.0655	0.0093	1.96E-12	0.0117	0.0217	0.5914	49.60362
rs6903575	6	74503730	A	G	0.495939	-0.0618	0.0085	4.50E-13	-0.0174	0.0189	0.3569	52.86104
rs7043754	9	630424	A	G	0.443614	-0.0542	0.0087	4.75E-10	-0.0389	0.019	0.04021	38.81117
rs7318389	13	40829568	C	T	0.202623	0.0594	0.0105	1.57E-08	-0.0056	0.0268	0.8336	32.00302
rs73392700	11	224845	C	G	0.05756	-0.2686	0.0175	4.59E-53	-0.0815	0.0553	0.1406	235.5768
rs77687125	2	2.43E+08	T	C	0.398987	0.065	0.0113	7.57E-09	0.044	0.0257	0.086521	33.08769
rs78378222	17	7571752	G	T	0.013713	0.8175	0.0487	3.95E-63	-0.0458	0.1085	0.6732	281.7826
rs7841047	8	71265978	A	G	0.247413	0.0651	0.0102	1.96E-10	-0.0153	0.0263	0.5616	40.73411
rs8105767	19	22215441	G	A	0.311329	0.0496	0.0091	4.97E-08	-0.0121	0.0212	0.569399	29.70826
rs9549260	13	41254104	A	C	0.284865	0.0559	0.0092	1.53E-09	0.0467	0.0231	0.04342	36.91855

SNP, single nucleotide polymorphism; Chr, chromosome; EAF, effect allele frequency.