

SNPs for AF in the forward MR analysis

chr	pos	SNP	effect	allele	other allele	beta	se	pval	sample size	EAF	exposure	ID.exposure	Reasons for removing these SNPs		
													palindromic or incompatible	not included in outcome	violations of assumption
7	14385786	rs10234589	T	C		0.0796	0.0142	1.87E-08	218792	0.2645	Atrial fibrillation	finn-b-i9_AF_EXNONE			
12	114797093	rs10507248	T	G		0.1231	0.0134	4.40E-20	218792	0.6944	Atrial fibrillation	finn-b-i9_AF_EXNONE			
17	45128762	rs1056064	C	T		0.0986	0.0155	2.09E-10	218792	0.2023	Atrial fibrillation	finn-b-i9_AF_EXNONE			
1	203026214	rs10753933	G	T		-0.0801	0.0129	5.36E-10	218792	0.6427	Atrial fibrillation	finn-b-i9_AF_EXNONE			
6	117525810	rs11153652	T	C		0.1224	0.0224	4.60E-08	218792	0.0843	Atrial fibrillation	finn-b-i9_AF_EXNONE			
6	16417733	rs112583508	A	G		-0.1336	0.0209	1.61E-10	218792	0.0986	Atrial fibrillation	finn-b-i9_AF_EXNONE			
1	154845534	rs11264278	C	G		0.1602	0.0129	1.77E-35	218792	0.357	Atrial fibrillation	finn-b-i9_AF_EXNONE			
12	26348429	rs113819537	G	C		-0.0997	0.0134	8.41E-14	218792	0.3114	Atrial fibrillation	finn-b-i9_AF_EXNONE			
1	154793247	rs11583758	T	C		0.1873	0.0218	9.36E-18	218792	0.0895	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	105342672	rs11598047	G	A		0.1416	0.0213	2.86E-11	218792	0.0924	Atrial fibrillation	finn-b-i9_AF_EXNONE			Inflammation
19	50943038	rs117831371	T	C		0.3708	0.0423	1.74E-18	218792	0.0225	Atrial fibrillation	finn-b-i9_AF_EXNONE			
4	86451003	rs12506039	G	A		-0.0774	0.014	3.55E-08	218792	0.2643	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	105519364	rs12779135	G	A		0.1572	0.0189	9.37E-17	218792	0.1213	Atrial fibrillation	finn-b-i9_AF_EXNONE			Inflammation
15	80676925	rs12908004	G	A		0.1212	0.0154	4.15E-15	218792	0.2	Atrial fibrillation	finn-b-i9_AF_EXNONE			
2	179490478	rs12988307	C	T		0.14	0.0148	3.65E-21	218792	0.2208	Atrial fibrillation	finn-b-i9_AF_EXNONE			
4	111514751	rs13121747	A	G		-0.1709	0.0138	2.52E-35	218792	0.2933	Atrial fibrillation	finn-b-i9_AF_EXNONE			
16	1982336	rs139277460	G	C		0.4172	0.0551	3.62E-14	218792	0.0132	Atrial fibrillation	finn-b-i9_AF_EXNONE			
6	122388851	rs1402538	A	G		-0.0767	0.0131	4.93E-09	218792	0.3337	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	75447582	rs147790633	C	T		-0.1529	0.0175	2.05E-18	218792	0.1474	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	20933401	rs148706031	T	C		0.161	0.0276	5.43E-09	218792	0.0547	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	69340852	rs148717811	C	T		0.085	0.015	1.43E-08	218792	0.2154	Atrial fibrillation	finn-b-i9_AF_EXNONE			
10	80898969	rs1769758	T	G		0.0684	0.0125	4.45E-08	218792	0.4983	Atrial fibrillation	finn-b-i9_AF_EXNONE			Fatal intracranial haemorrhage
4	111665916	rs1906611	C	T		0.5339	0.0177	1.51E-199	218792	0.1464	Atrial fibrillation	finn-b-i9_AF_EXNONE			Inflammation
16	73051620	rs2106261	T	C		0.1856	0.0148	3.87E-36	218792	0.2244	Atrial fibrillation	finn-b-i9_AF_EXNONE			BMI
1	112451447	rs2120436	T	C		-0.0855	0.0141	1.23E-09	218792	0.2634	Atrial fibrillation	finn-b-i9_AF_EXNONE		not included	
2	65284231	rs2540949	T	A		-0.0774	0.013	2.86E-09	218792	0.3409	Atrial fibrillation	finn-b-i9_AF_EXNONE			DM
1	909419	rs28548431	T	C		-0.0882	0.0156	1.49E-08	218792	0.2096	Atrial fibrillation	finn-b-i9_AF_EXNONE			
6	36646849	rs3176323	C	T		-0.0953	0.0137	2.96E-12	218792	0.2933	Atrial fibrillation	finn-b-i9_AF_EXNONE			
7	116186241	rs3807989	G	A		0.1277	0.0125	2.15E-24	218792	0.5691	Atrial fibrillation	finn-b-i9_AF_EXNONE			
8	11802426	rs4240678	T	C		0.0979	0.0177	3.06E-08	218792	0.3478	Atrial fibrillation	finn-b-i9_AF_EXNONE			BMI
5	137443486	rs529526	C	T		0.1251	0.0137	6.53E-20	218792	0.2849	Atrial fibrillation	finn-b-i9_AF_EXNONE			
7	128417044	rs55985730	G	T		0.1515	0.0228	3.22E-11	218792	0.0812	Atrial fibrillation	finn-b-i9_AF_EXNONE		not included	
1	170591310	rs651386	T	A		-0.0925	0.0128	4.15E-13	218792	0.3796	Atrial fibrillation	finn-b-i9_AF_EXNONE	being palindromic		
4	111765495	rs6838973	T	C		-0.1942	0.0123	5.81E-56	218792	0.5022	Atrial fibrillation	finn-b-i9_AF_EXNONE			
1	170193825	rs72700114	C	G		0.1699	0.0282	1.58E-09	218792	0.0522	Atrial fibrillation	finn-b-i9_AF_EXNONE			
5	142751990	rs72801080	C	T		0.1029	0.0157	6.33E-11	218792	0.189	Atrial fibrillation	finn-b-i9_AF_EXNONE		not included	
12	124808840	rs7294442	C	A		0.0782	0.0143	4.97E-08	218792	0.2493	Atrial fibrillation	finn-b-i9_AF_EXNONE			BMI
11	128766366	rs75557443	T	C		0.1596	0.0211	3.55E-14	218792	0.0969	Atrial fibrillation	finn-b-i9_AF_EXNONE			
2	175487267	rs7590328	A	C		0.1008	0.0153	4.10E-11	218792	0.792	Atrial fibrillation	finn-b-i9_AF_EXNONE			
3	89497082	rs7633500	A	G		-0.0698	0.0125	2.18E-08	218792	0.446	Atrial fibrillation	finn-b-i9_AF_EXNONE			Alcohol
1	170115664	rs76411981	A	T		0.2368	0.0329	6.38E-13	218792	0.0361	Atrial fibrillation	finn-b-i9_AF_EXNONE			
1	147259336	rs76816335	T	G		-0.1505	0.0272	2.99E-08	218792	0.0553	Atrial fibrillation	finn-b-i9_AF_EXNONE		not included	
3	12843368	rs9825233	T	C		0.1089	0.0125	3.23E-18	218792	0.5852	Atrial fibrillation	finn-b-i9_AF_EXNONE			BMI

AF, atrial fibrillation; DM, diabetes mellitus; BMI, body mass index

SNP, single-nucleotide polymorphism; EAF, effect allele frequency; se, standard error