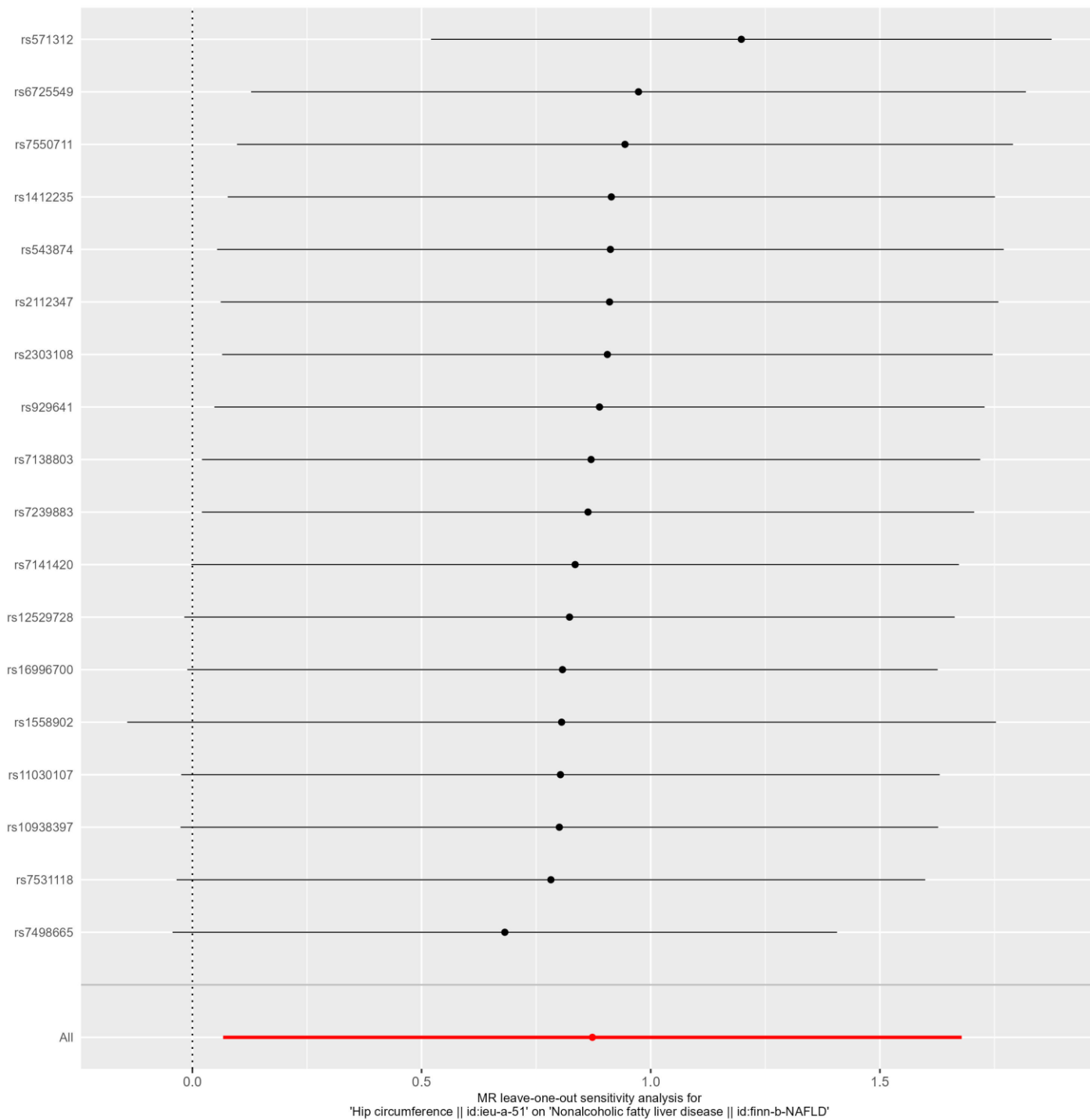
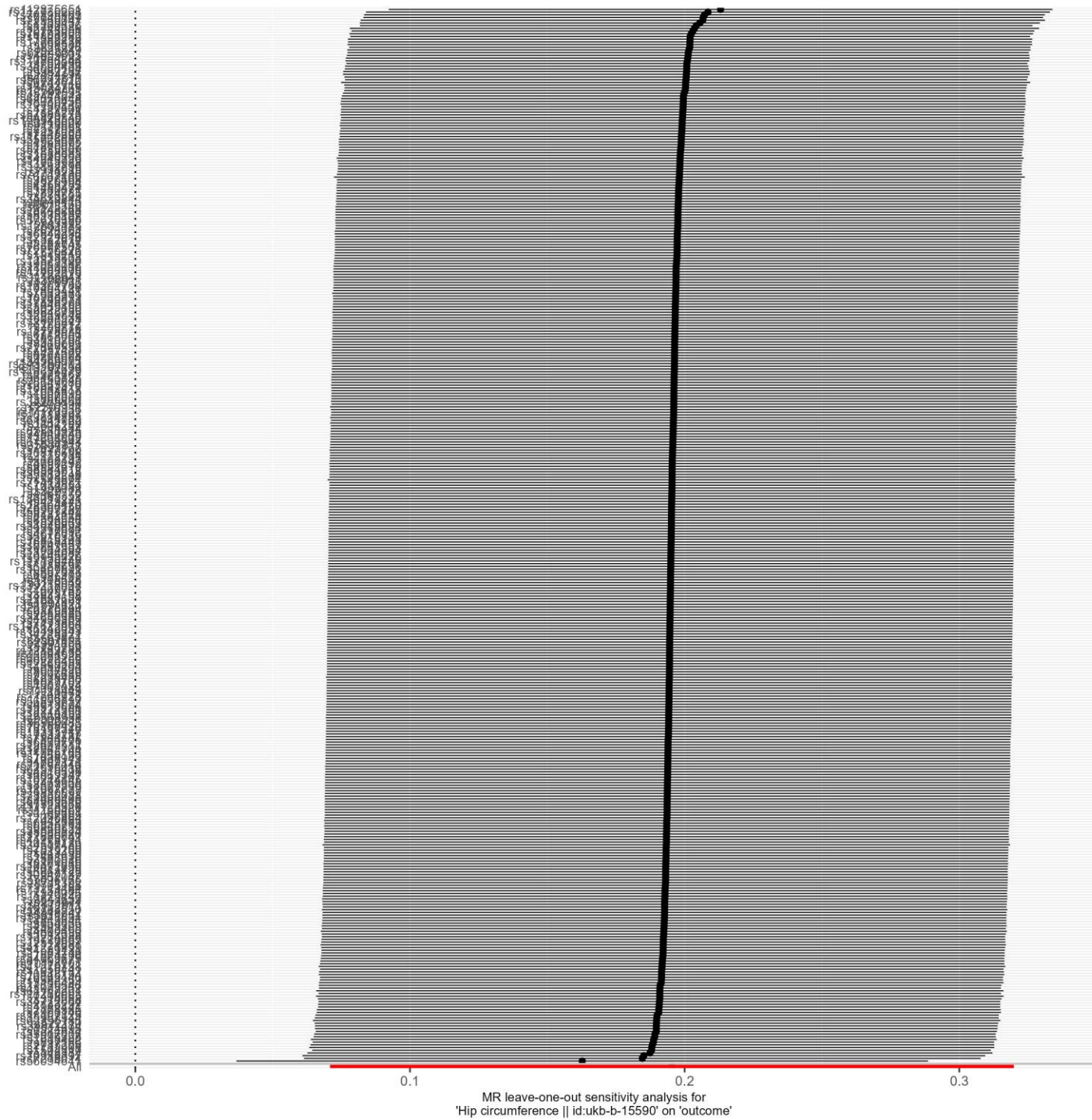


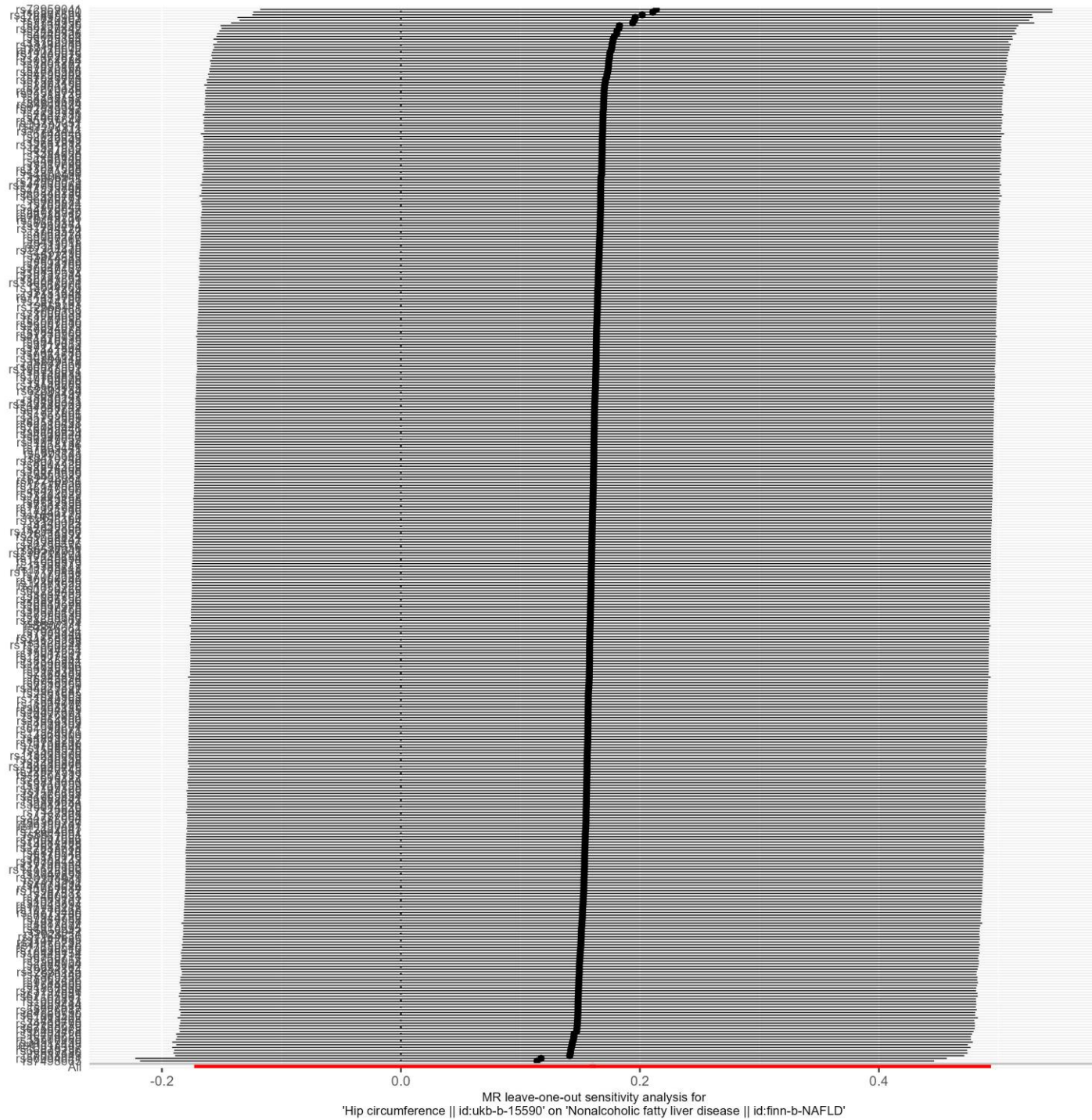
Supplementary Figure 1(a) Sensitivity analyses for the causal effects of hip circumference (HC [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



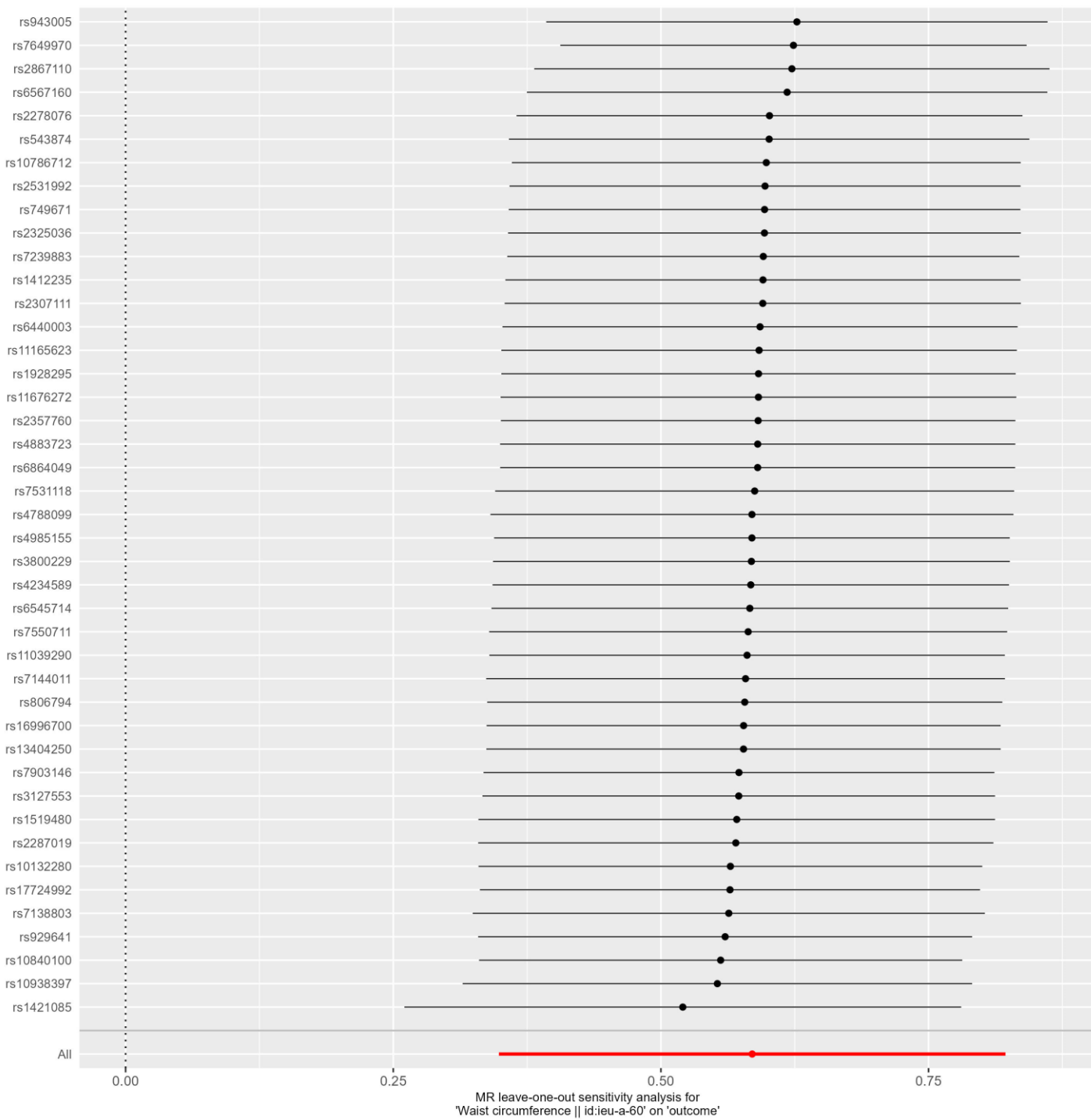
Supplementary Figure 1(b) Sensitivity analyses for the causal effects of hip circumference (HC [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



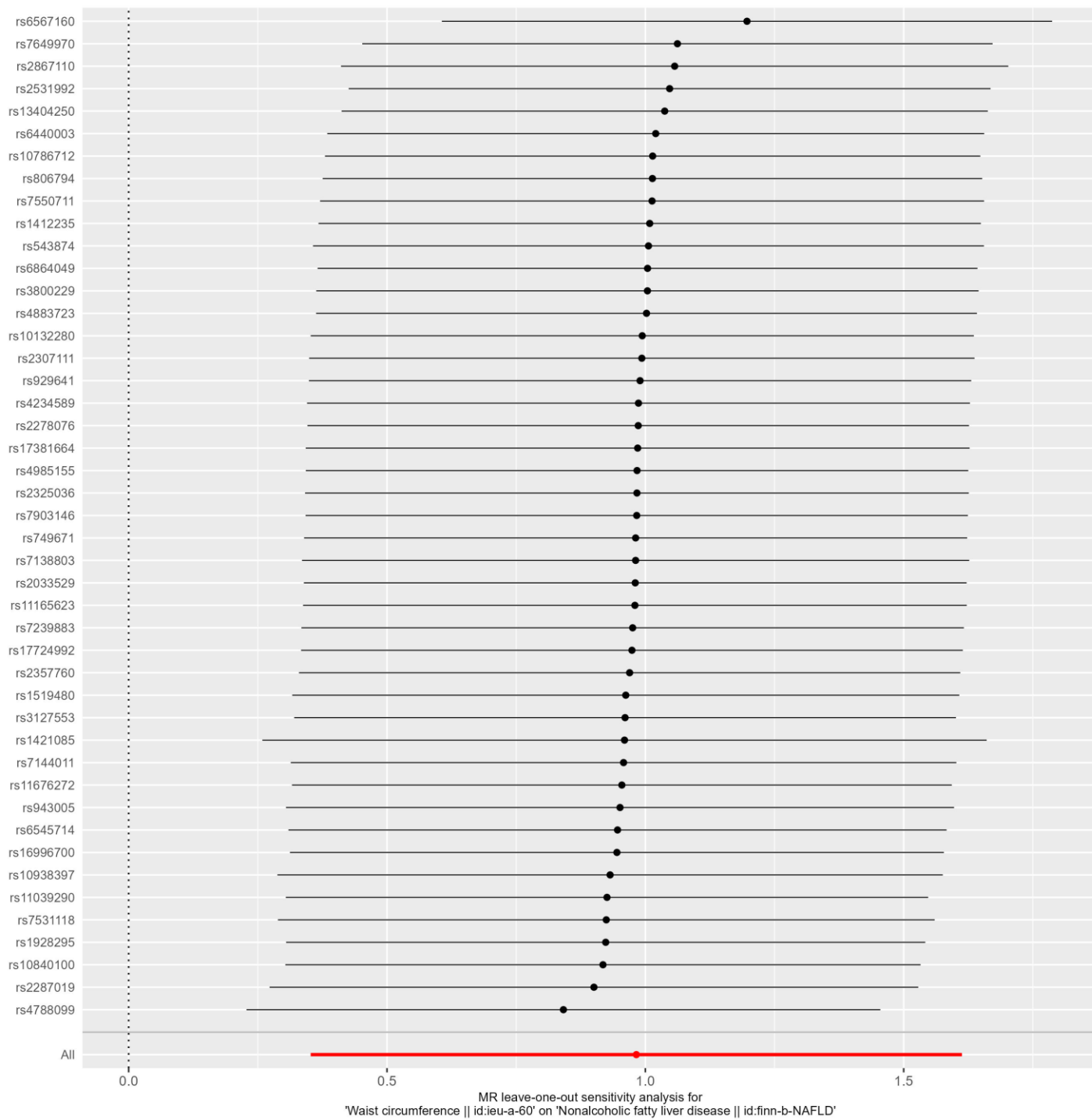
Supplementary Figure 1(c) Sensitivity analyses for the causal effects of hip circumference (HC [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



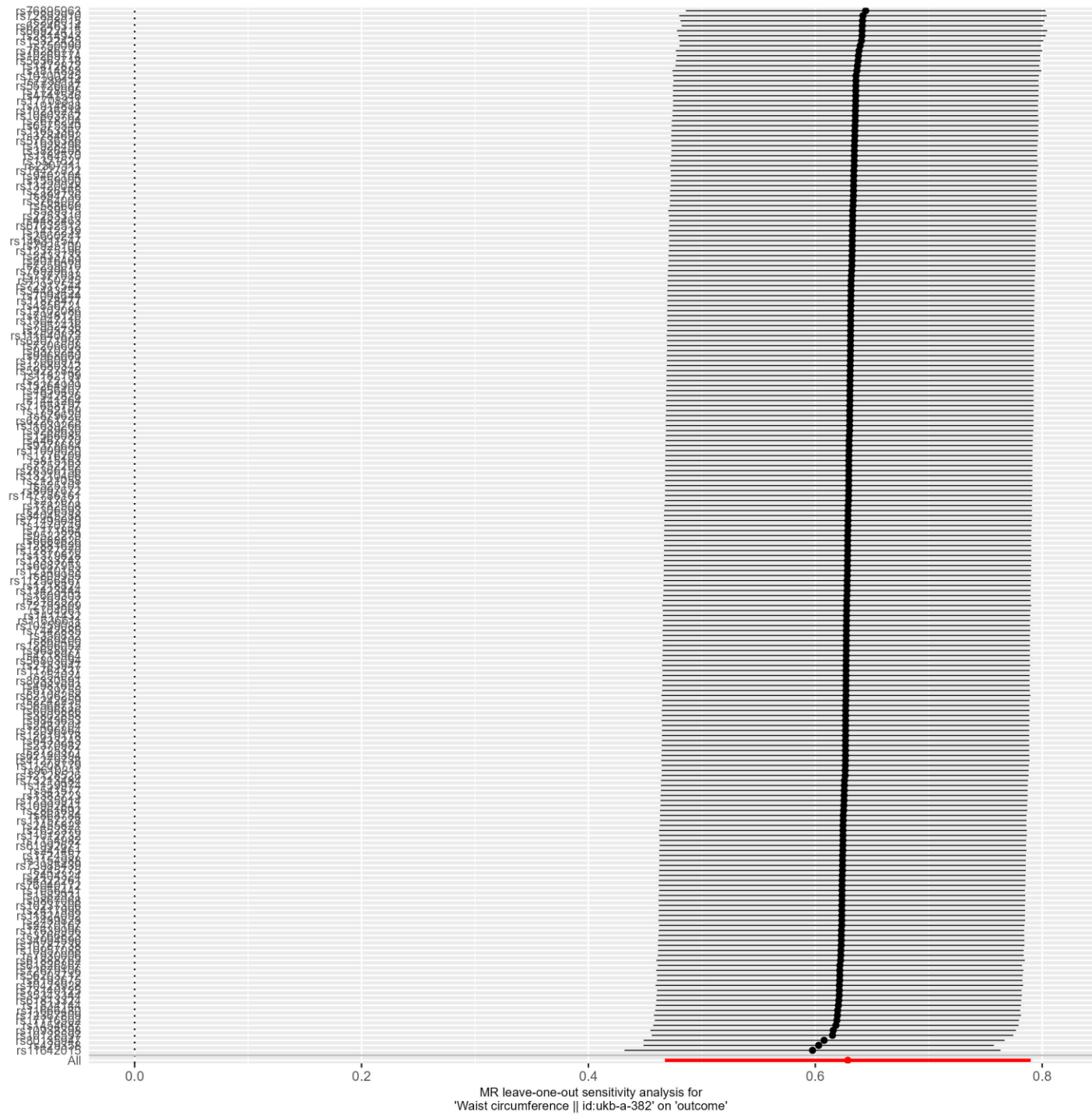
Supplementary Figure 1(d) Sensitivity analyses for the causal effects of hip circumference (HC [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



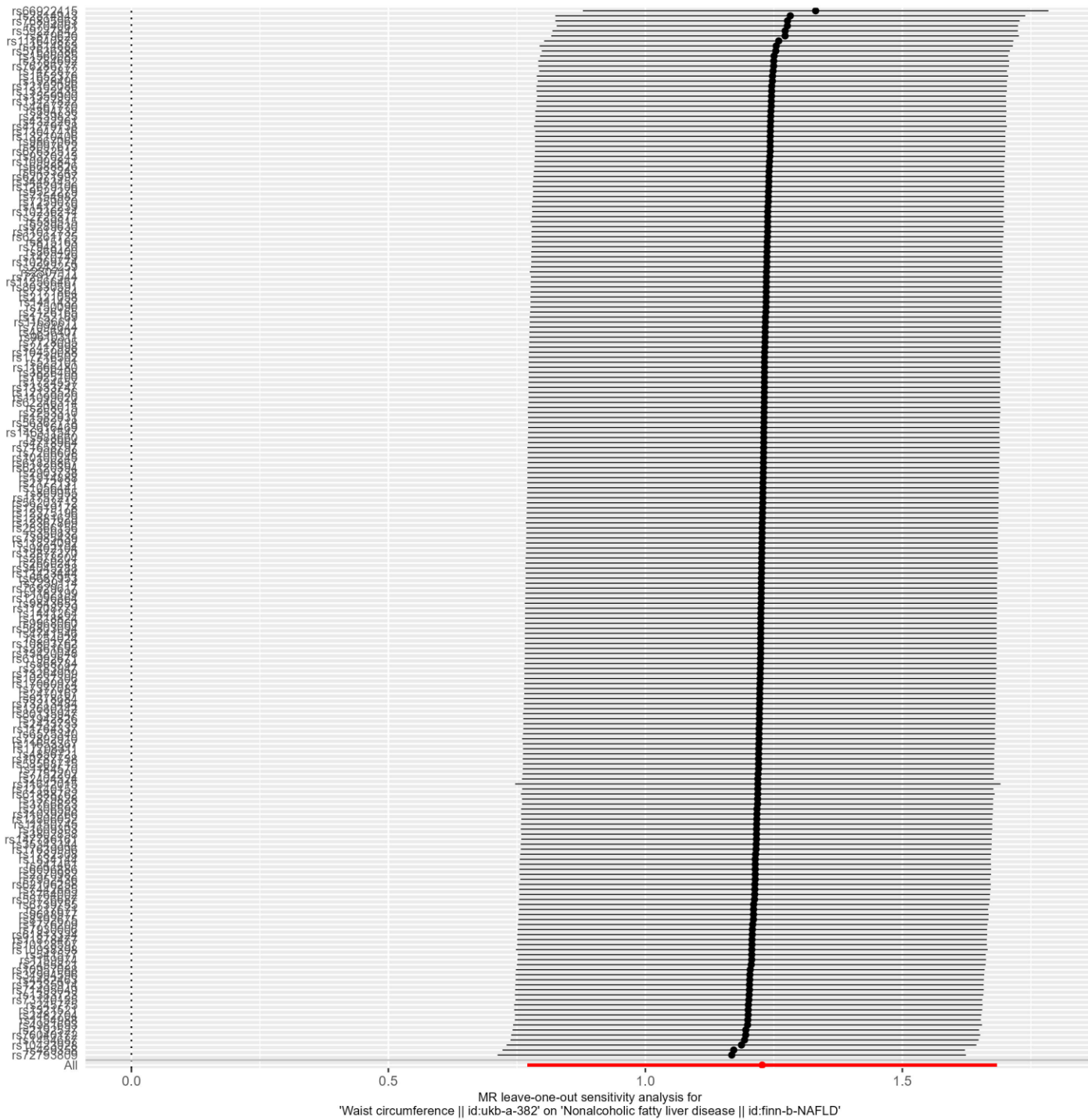
Supplementary Figure 2(a) Sensitivity analyses for the causal effects of hip circumference (WC [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



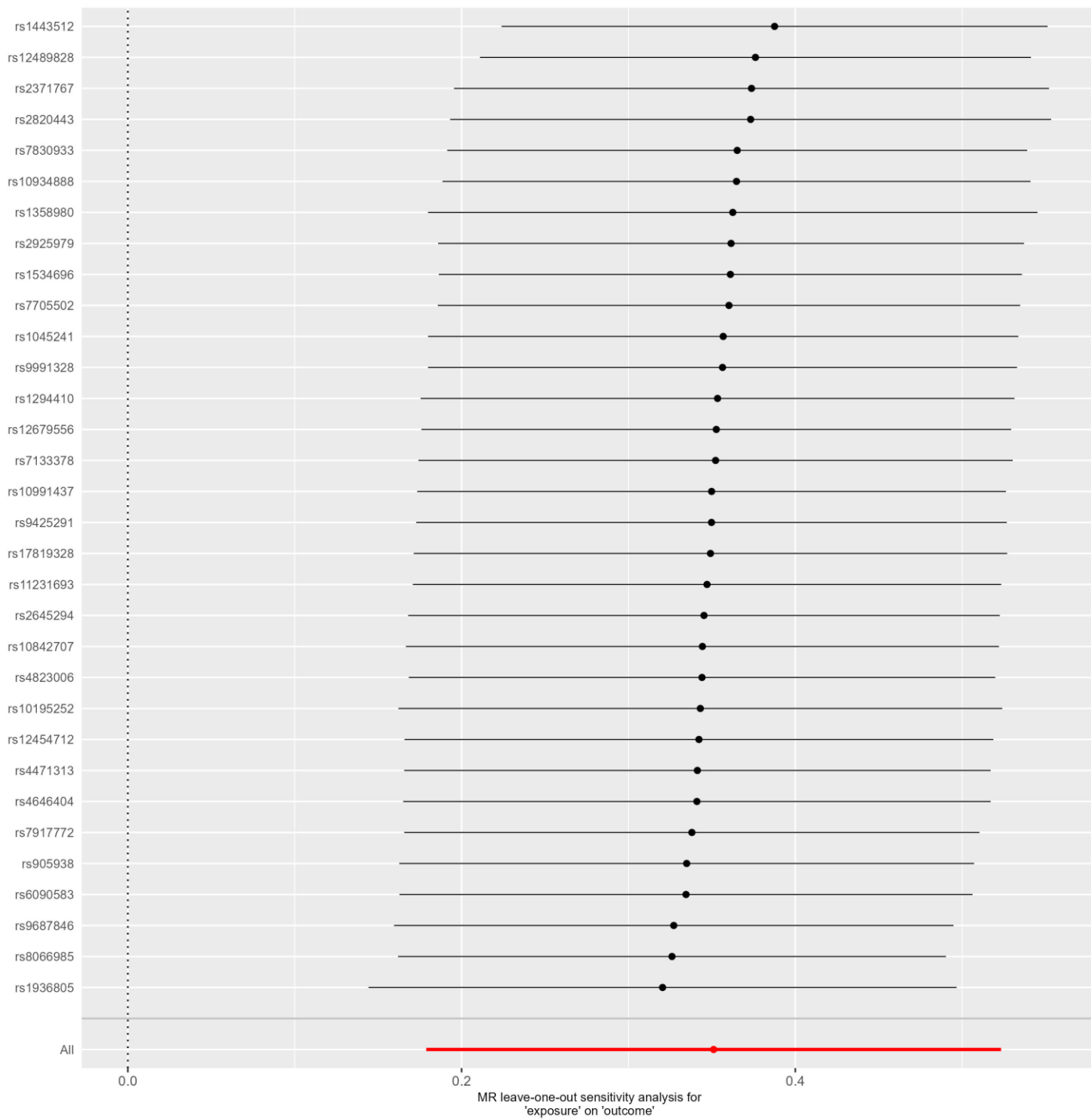
Supplementary Figure 2(b) Sensitivity analyses for the causal effects of hip circumference (WC [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



Supplementary Figure 2(c) Sensitivity analyses for the causal effects of hip circumference (WC [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



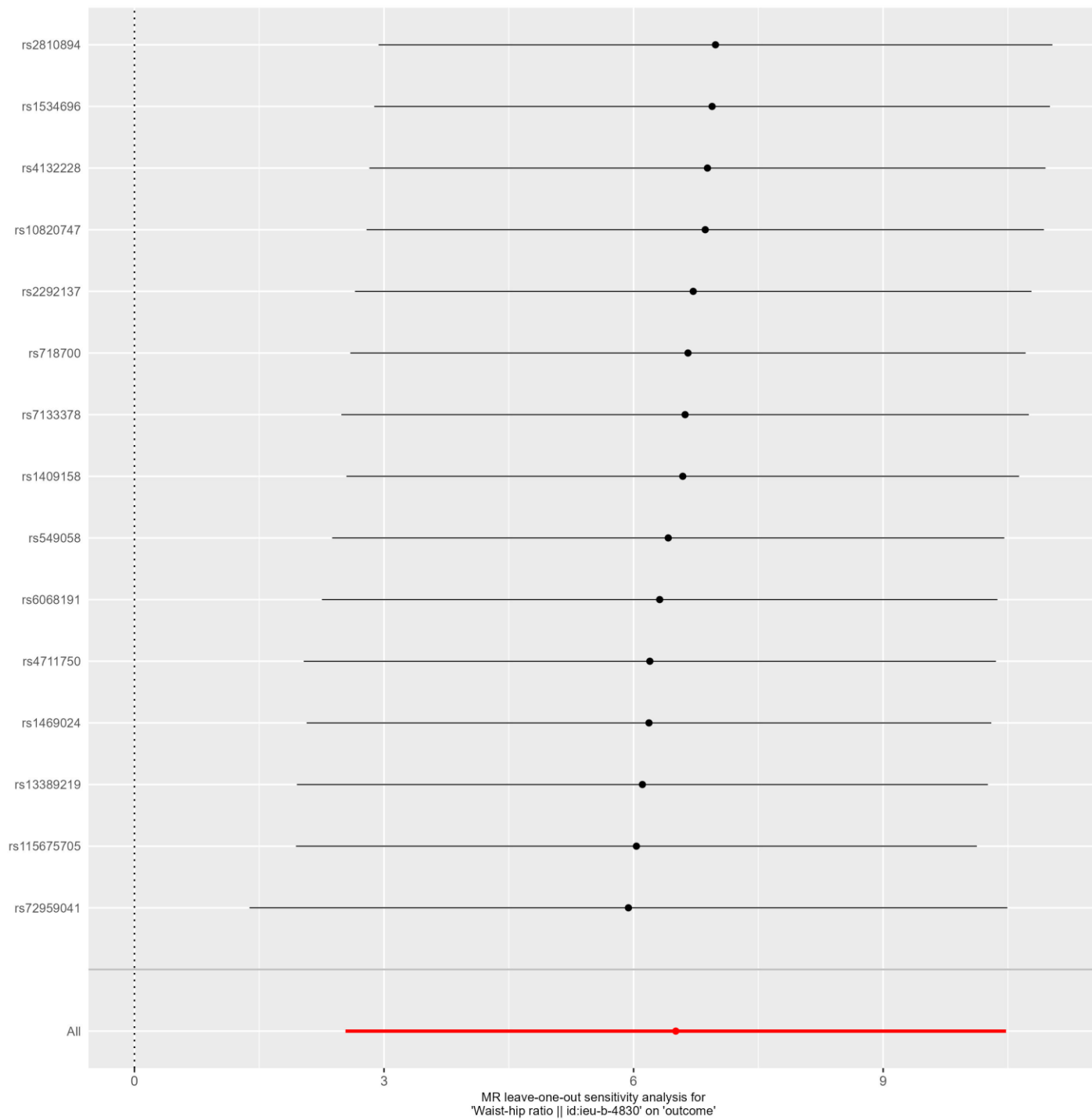
Supplementary Figure 2(d) Sensitivity analyses for the causal effects of hip circumference (WC [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



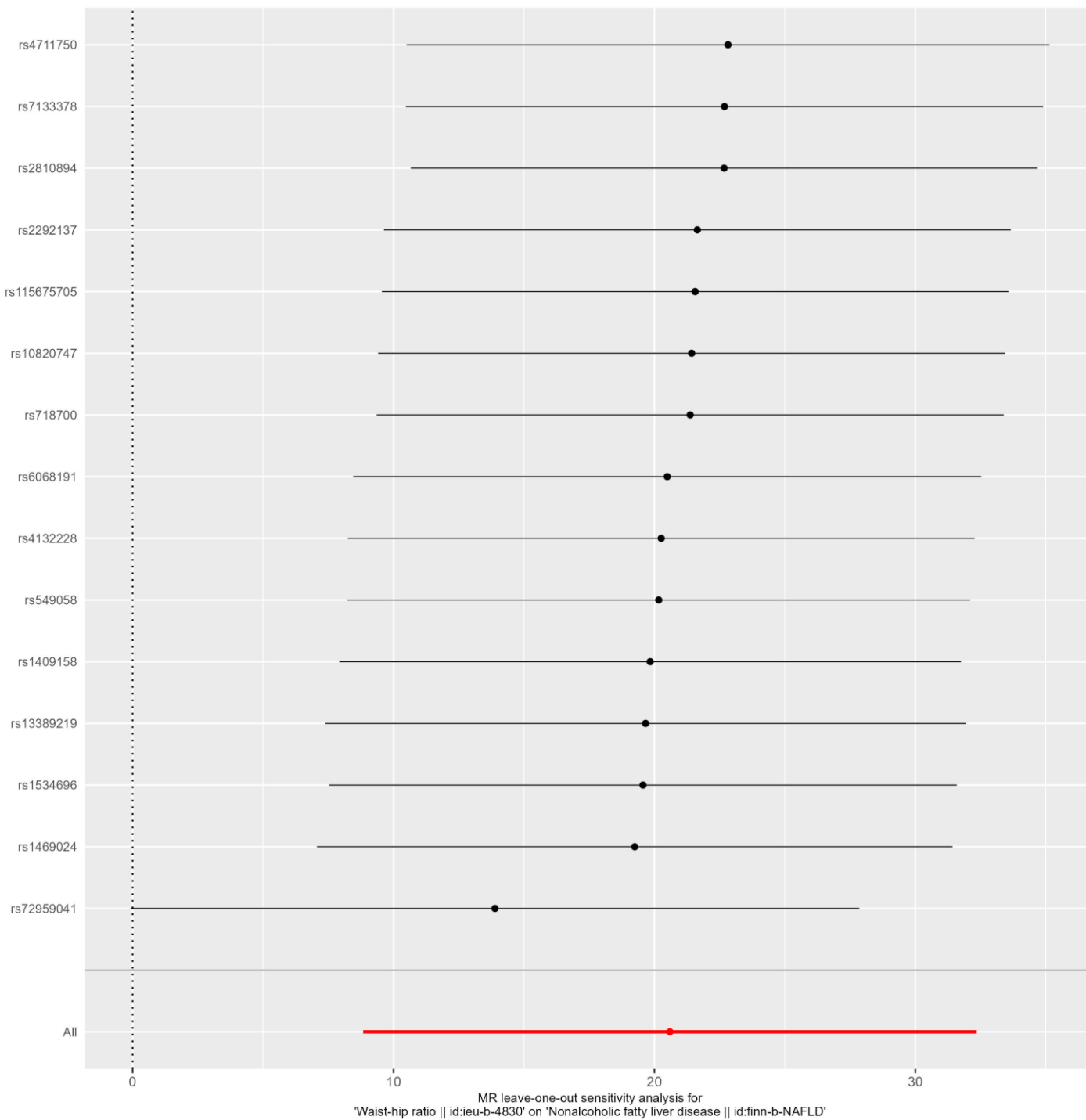
Supplementary Figure 3(a) Sensitivity analyses for the causal effects of hip circumference (WHR [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



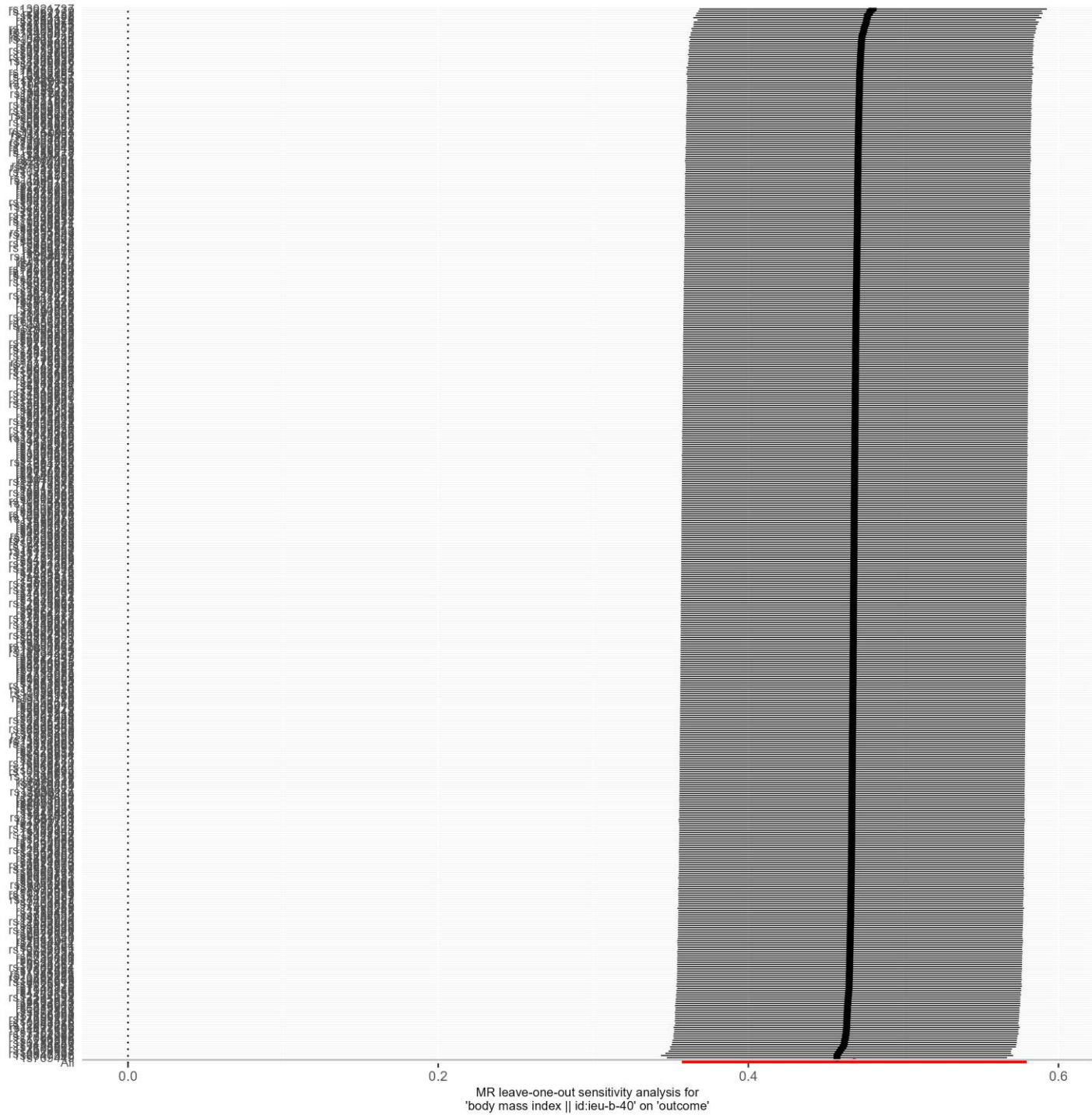
Supplementary Figure 3(b) Sensitivity analyses for the causal effects of hip circumference (WHR [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



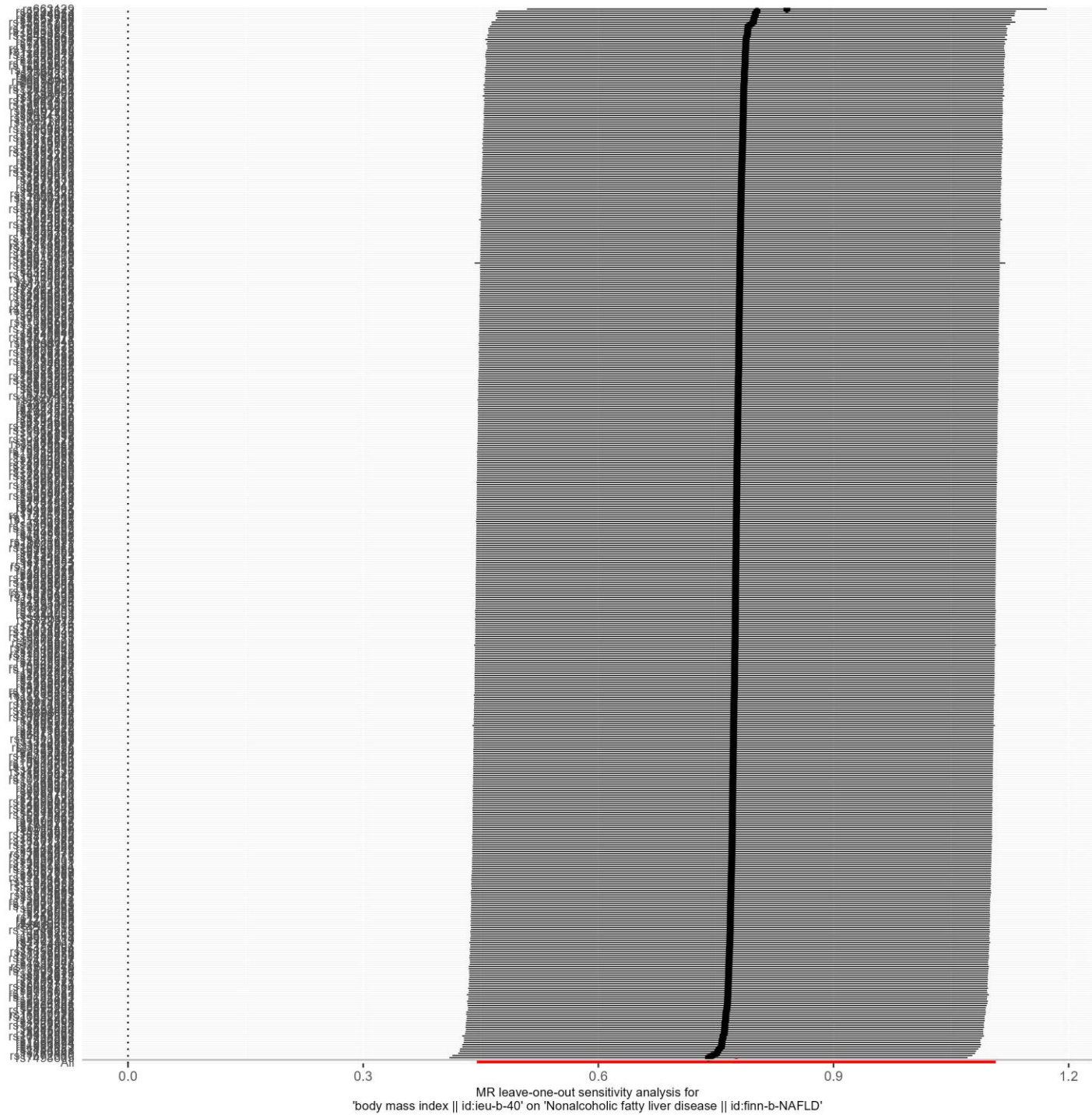
Supplementary Figure 3(c) Sensitivity analyses for the causal effects of hip circumference (WHR [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



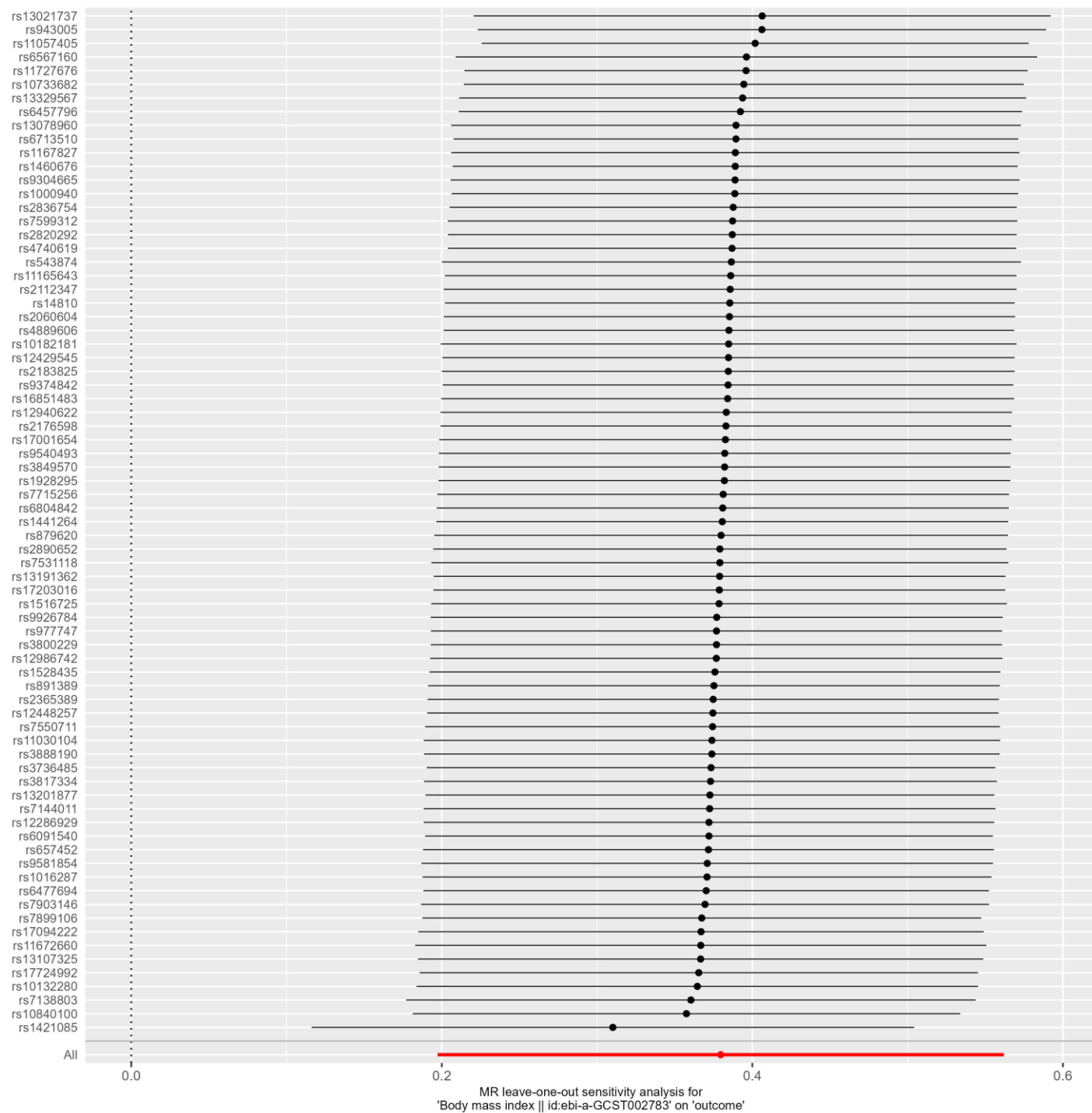
Supplementary Figure 3(d) Sensitivity analyses for the causal effects of hip circumference (WHR [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



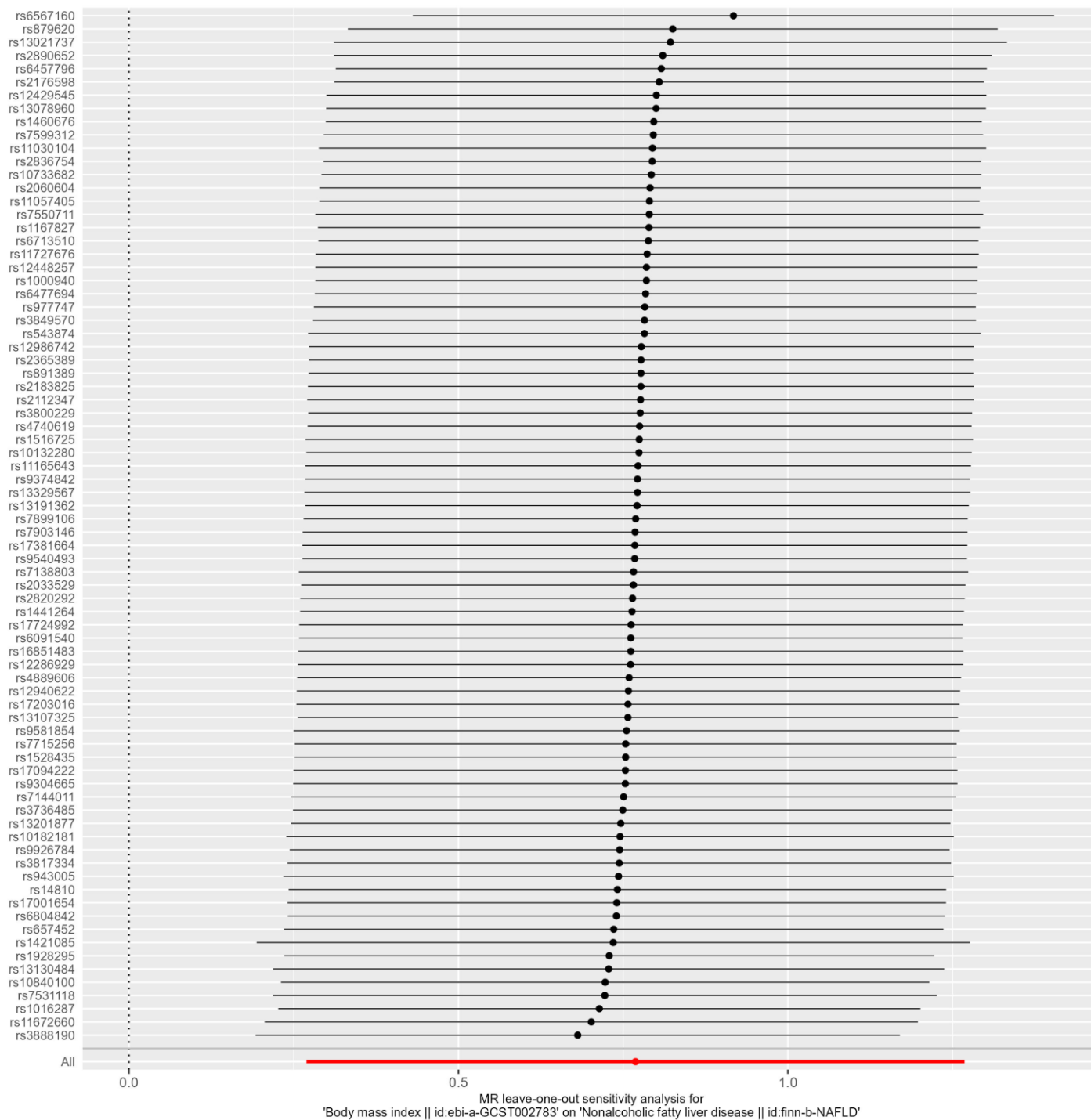
Supplementary Figure 4(a) Sensitivity analyses for the causal effects of hip circumference (BMI [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



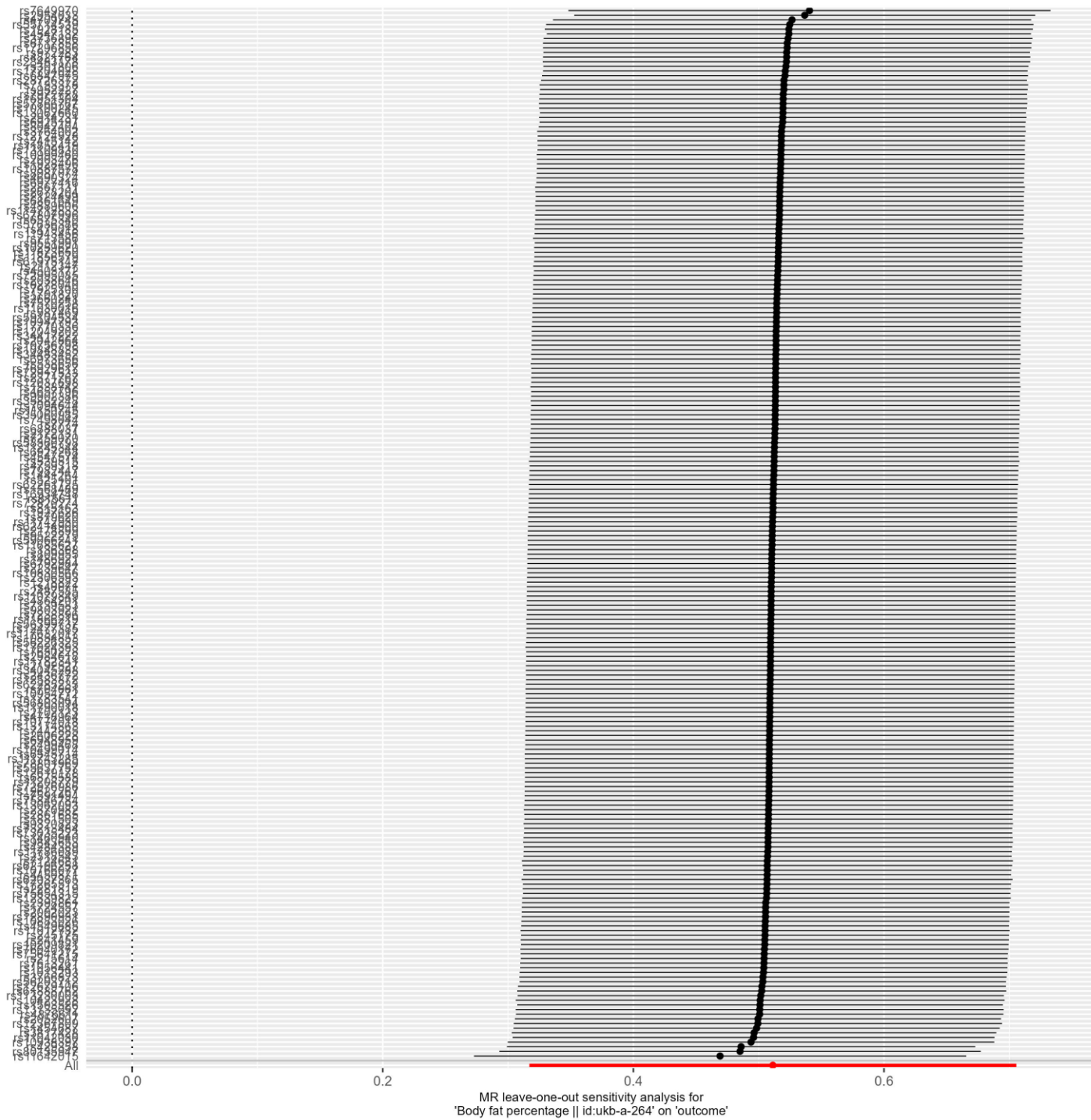
Supplementary Figure 4(b) Sensitivity analyses for the causal effects of hip circumference (BMI [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



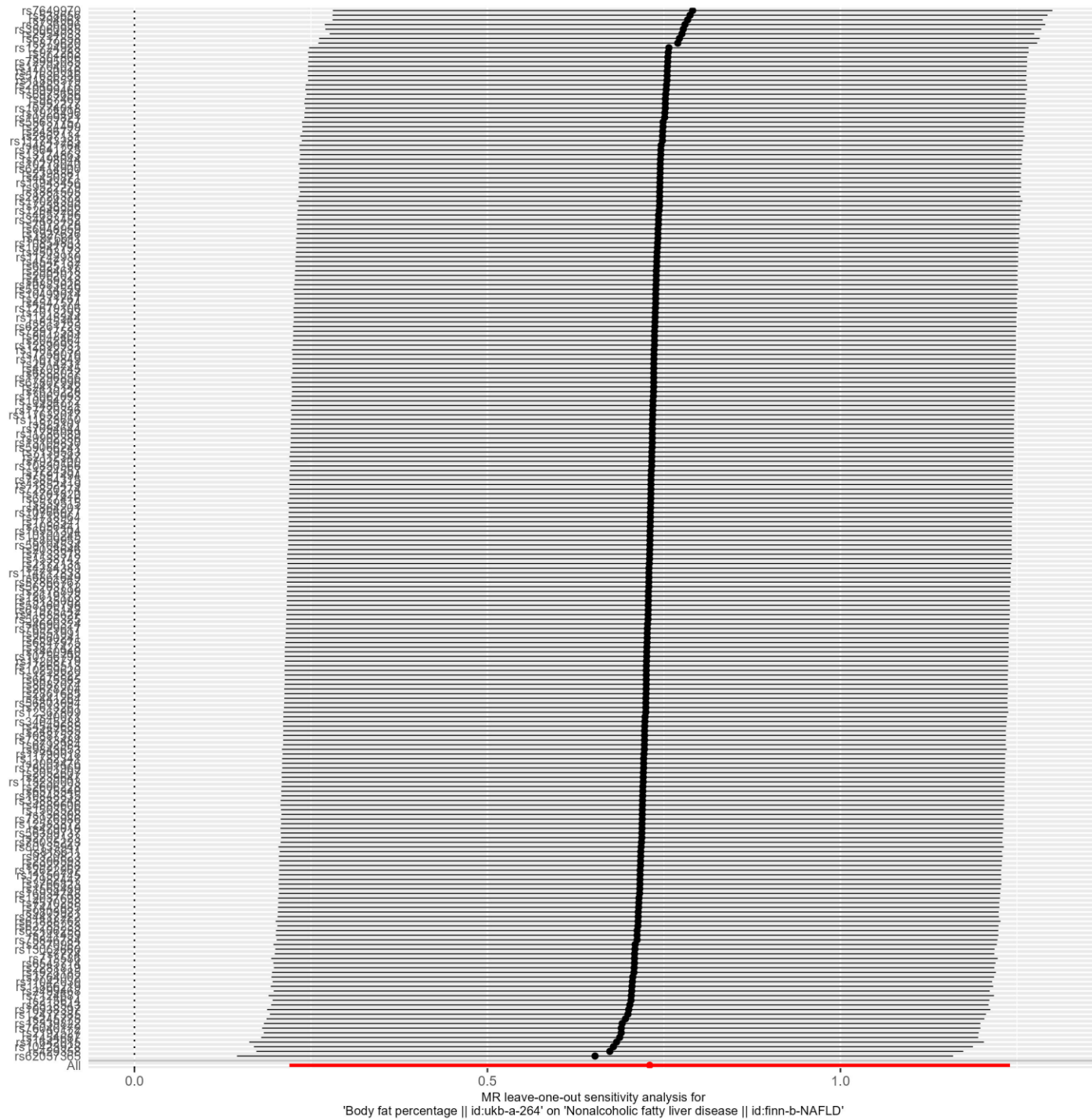
Supplementary Figure 4(c) Sensitivity analyses for the causal effects of hip circumference (BMI [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



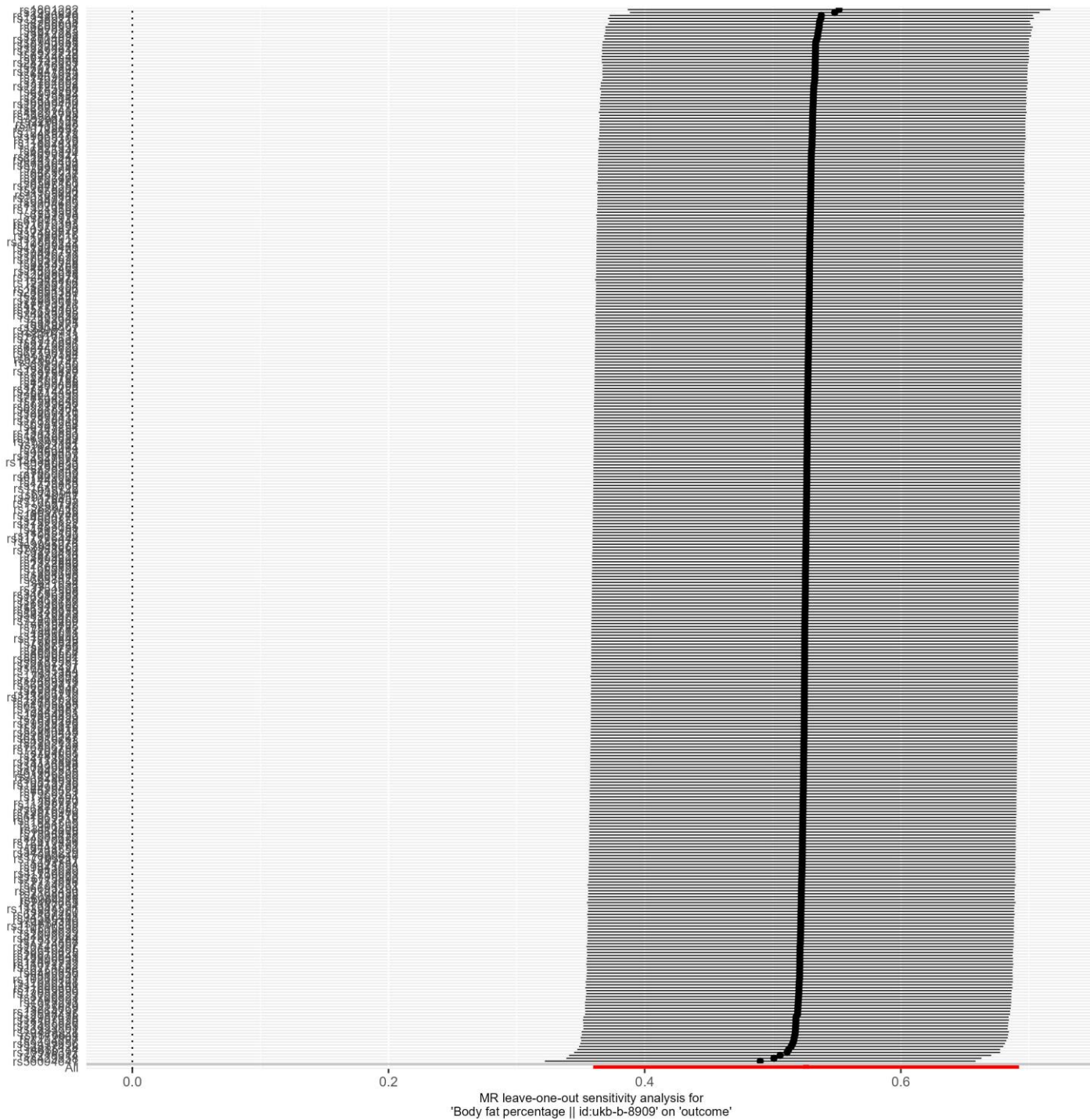
Supplementary Figure 4(d) Sensitivity analyses for the causal effects of hip circumference (BMI [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



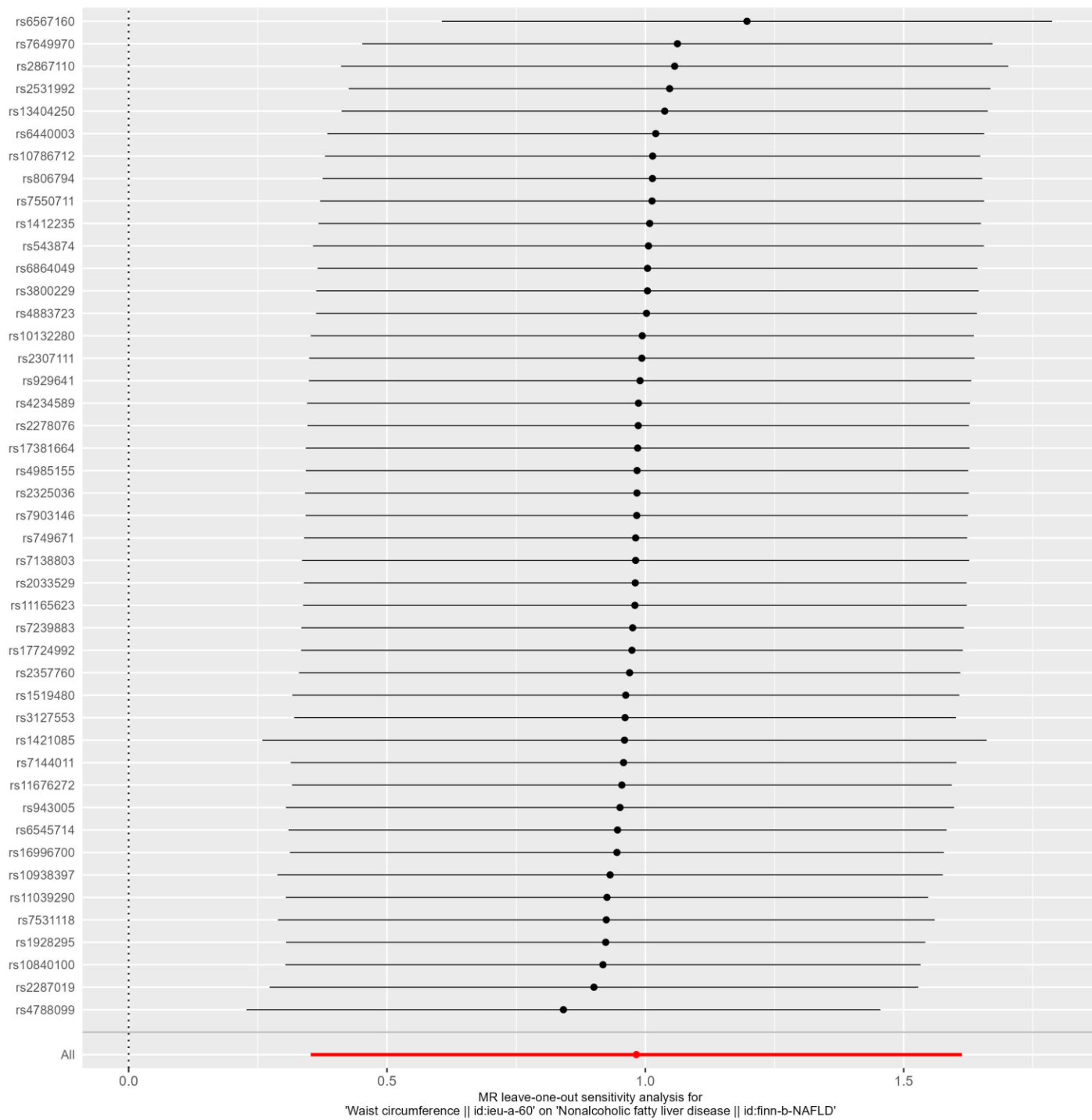
Supplementary Figure 5(a) Sensitivity analyses for the causal effects of hip circumference (BF [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



Supplementary Figure 5(b) Sensitivity analyses for the causal effects of hip circumference (BF [discovery datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).



Supplementary Figure 5(c) Sensitivity analyses for the causal effects of hip circumference (BF [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [discovery datasets]).



Supplementary Figure 5(d) Sensitivity analyses for the causal effects of hip circumference (BF [replication datasets]) on nonalcoholic fatty liver disease (NAFLD [replication datasets]).

Discovery dataset

Replication dataset



Pval (FDR)



Supplementary Figure 6 The results of False Discovery Rate (FDR)

correction for multiple tests. HC: hip circumference; WC: waist

circumference; WHR: waist-to-hip ratio; BMI, body mass index; BF,

body fat percentage; NAFLD, Nonalcoholic fatty liver disease.

Drawing by CHiPlot (<https://www.chiplot.online/>).

Supplementary Materials

Supplementary table S1. Single nucleotide polymorphisms (SNPS) associated with anthropometric indicators (used as IVs of Mendelian randomization)

SNP	Ch r	Position	Effec t allele	Othe r allele	EAF	Effec t	Standar d error	<i>P</i> Valu e	n	Phenotyp e	Variance explaine d (%)	F- statistic
Anthropometric indicators (discovery datasets)												
rs7531118	1	72837239	C	T	0.608	0.029	0.005	1.80E-10	127908	HC	0.032	41.530
rs7550711	1	110082886	T	C	0.034	0.078	0.013	1.30E-09	116829	HC	0.031	35.999
rs543874	1	177889480	G	A	0.267	0.050	0.006	9.40E-20	127973	HC	0.065	82.643
rs6725549	2	630323	A	C	0.875	0.054	0.006	3.20E-20	125765	HC	0.069	86.681
rs929641	2	58792377	G	A	0.383	-0.024	0.004	3.80E-08	127951	HC	0.023	29.752

rs10938397	4	45182527	G	A	0.43 3	0.028	0.005	3.80E -10	12779 4	HC	0.030	38.715
rs2112347	5	75015242	G	T	0.37 5	- 0.033	0.005	2.40E -13	12795 1	HC	0.042	53.777
rs12529728	6	50896630	G	A	0.10 0	0.037	0.006	8.50E -11	12799 0	HC	0.032	40.695
rs1412235	9	28410996	C	G	0.30 8	0.027	0.005	1.10E -08	12688 0	HC	0.026	33.001
rs11030107	11	27694835	G	A	0.30 8	0.032	0.005	1.70E -10	12767 5	HC	0.032	40.959
rs7138803	12	50247468	A	G	0.44 2	0.031	0.005	9.30E -12	12798 0	HC	0.037	47.456
rs7141420	14	79899454	T	C	0.61 7	0.026	0.004	4.60E -09	12793 5	HC	0.027	34.917
rs7498665	16	28883241	G	A	0.35 8	0.031	0.005	2.80E -12	12719 0	HC	0.037	47.456
rs1558902	16	53803574	A	T	0.45 0	0.071	0.005	1.10E -57	12714 8	HC	0.195	248.934
rs7239883	18	40147671	A	G	0.68	-	0.005	1.00E	12772	HC	0.024	30.864

					3	0.025		-08	6			
rs571312	18	57839769	A	C	0.28			8.60E	12779			
					3	0.053	0.005	-25	1	HC	0.081	103.886
rs2303108	19	47589895	C	T	0.67			3.00E	12783			
					5	0.028	0.005	-09	6	HC	0.028	35.491
rs16996700	20	50981945	C	T	0.30	-		9.90E	12782			
					0	0.028	0.005	-09	6	HC	0.026	32.653
rs17381664	1	78048331	C	T	0.42			4.00E	24433			
					5	0.022	0.004	-10	8	WC	0.016	39.510
rs7531118	1	72837239	C	T	0.60			5.40E	24425			
					8	0.027	0.003	-15	1	WC	0.026	63.062
rs543874	1	17788948	G	A	0.26			2.00E	24439			
		0			7	0.044	0.004	-26	7	WC	0.047	115.169
rs11165623	1	96893000	A	G	0.48			3.90E	24440			
					3	0.021	0.003	-10	1	WC	0.017	40.496
rs7550711	1	11008288	T	C	0.03			3.10E	22169			
		6			4	0.057	0.010	-09	2	WC	0.016	35.254
rs3127553	1	49438005	A	G	0.63	-		5.20E	24414			
					3	0.022	0.003	-11	4	WC	0.017	41.868

rs6545714	2	59307725	A	G	0.62	-	0.003	5.40E	24261	WC	0.017	41.870
					5	0.022		-11	6			
rs2867110	2	651105	C	G	0.12	-	0.004	2.30E	24433	WC	0.058	140.670
					5	0.051		-32	6			
rs13404250	2	18811619	T	C	0.36	-	0.004	1.60E	24432	WC	0.015	36.000
		6			7	0.021		-09	5			
rs11676272	2	25141538	G	A	0.48	-	0.004	5.20E	20213	WC	0.017	34.027
					3	0.021		-09	3			
rs929641	2	58792377	G	A	0.38	-	0.003	7.70E	24430	WC	0.014	33.149
					3	0.019		-09	3			
rs6440003	3	14109420	A	G	0.48	-	0.003	9.10E	24432	WC	0.017	40.496
		9			3	0.021		-11	1			
rs7649970	3	12392272	T	C	0.07	-	0.005	1.90E	24442	WC	0.013	31.640
					5	0.027		-08	6			
rs2325036	3	85819412	C	A	0.40	-	0.003	1.10E	24438	WC	0.017	40.496
					8	0.021		-10	3			
rs4234589	3	18581888	G	A	0.09	-	0.005	9.60E	24299	WC	0.018	42.649
		2			2	0.032		-11	3			
rs10938397	4	45182527	G	A	0.43	-	0.003	5.60E	24309	WC	0.039	94.030

					3			-22	4			
rs2307111	5	75003678	C	T	0.42	-	0.003	1.10E	24436	WC	0.023	57.392
					5	0.025		-13	6			
rs6864049	5	12433052	G	A	0.43		0.003	2.40E	24431	WC	0.014	33.149
		2			3	0.019		-08	1			
rs806794	6	26200677	G	A	0.27	-	0.004	1.50E	23803	WC	0.016	37.345
					5	0.022		-09	0			
rs943005	6	50865820	T	C	0.10		0.004	7.00E	24442	WC	0.035	86.224
					0	0.039		-20	0			
rs2357760	6	12021388	A	G	0.65		0.003	4.10E	24441	WC	0.013	31.228
		0			8	0.019		-08	3			
rs2033529	6	40348653	G	A	0.25		0.004	1.80E	24435	WC	0.013	30.864
					8	0.020		-08	3			
rs3800229	6	10899696	T	G	0.69		0.004	5.60E	24434	WC	0.018	43.183
		3			2	0.023		-11	9			
rs1928295	9	12037848	C	T	0.42	-	0.003	1.70E	24432	WC	0.012	29.752
		3			5	0.018		-08	0			
rs1412235	9	28410996	C	G	0.30		0.004	6.90E	24246	WC	0.019	47.020
					8	0.024		-12	1			

rs7903146	10	11475834 9	T	C	0.25 0	- 0.022	0.004	1.70E -09	24441 8	WC	0.015	37.345
rs10786712	10	10459639 6	T	C	0.39 2	0.018	0.003	4.10E -08	24426 1	WC	0.012	29.752
rs11039290	11	47572279	A	G	0.34 2	- 0.022	0.004	1.50E -09	23741 8	WC	0.016	37.345
rs10840100	11	8669437	G	A	0.72 5	0.019	0.003	1.20E -08	24437 1	WC	0.013	31.228
rs1519480	11	27675712	T	C	0.63 3	- 0.030	0.004	2.90E -18	24441 9	WC	0.030	73.469
rs7138803	12	50247468	A	G	0.44 2	0.028	0.003	1.60E -16	24440 2	WC	0.028	67.820
rs4883723	13	54084032	A	G	0.12 5	0.028	0.005	1.30E -09	24339 9	WC	0.015	37.051
rs10132280	14	25928179	A	C	0.33 3	- 0.022	0.004	1.10E -09	24431 9	WC	0.016	39.510
rs7144011	14	79940383	T	G	0.27 5	0.032	0.004	1.60E -15	24361 4	WC	0.026	63.999
rs2278076	15	68099600	A	G	0.18	-	0.004	2.50E	24335	WC	0.014	34.265

					3	0.024			-09	2			
rs2531992	16	4021734	G	A	0.83			2.70E	24343				
					3	0.027	0.005		-09	3	WC	0.015	36.000
rs1421085	16	53800954	C	T	0.45			1.30E	24214				
					0	0.072	0.003		-102	2	WC	0.185	448.439
rs4788099	16	28855727	G	A	0.35			2.00E	24437				
					8	0.034	0.003		-24	9	WC	0.043	106.152
rs4985155	16	15129459	G	A	0.31	-		3.00E	24424				
					7	0.019	0.003		-08	5	WC	0.013	31.228
rs749671	16	31088347	A	G	0.37	-		4.80E	24438				
					5	0.020	0.003		-09	6	WC	0.014	34.602
rs6567160	18	57829135	C	T	0.28			5.80E	24421				
					3	0.050	0.004		-38	5	WC	0.067	164.364
rs17066856	18	58049656	C	T	0.13	-		1.90E	24249				
					3	0.035	0.006		-10	3	WC	0.017	40.496
rs7239883	18	40147671	A	G	0.68	-		5.90E	24403				
					3	0.019	0.003		-09	9	WC	0.014	33.149
rs17724992	19	18454825	G	A	0.30	-		2.40E	24274				
					8	0.021	0.004		-08	7	WC	0.013	30.540

rs2287019	19	46202172	T	C	0.15	-	0.004	4.70E	22983	WC	0.024	56.250
					0	0.033		-14	6			
rs16996700	20	50981945	C	T	0.30	-	0.004	4.90E	24424	WC	0.015	37.345
					0	0.022		-10	6			
rs10195252	2	16551309	C	T	0.44	-	0.005	1.60E	12287	WHR	0.109	133.529
		1			2	0.052		-31	9			
rs1045241	5	11872928	T	C	0.30	-	0.005	4.50E	12311	WHR	0.039	48.146
		6			8	0.034		-12	2			
rs10842707	12	26471364	T	C	0.16	-	0.005	5.00E	12325	WHR	0.049	59.842
					7	0.041		-15	9			
rs10934888	3	12930719	T	C	0.07	-	0.009	1.60E	86301	WHR	0.058	50.363
		1			5	0.066		-12				
rs10991437	9	10773592	A	C	0.10	-	0.007	1.40E	12320	WHR	0.026	31.739
		0			0	0.040		-08	4			
rs11231693	11	63862612	A	G	0.04	-	0.010	5.70E	11669	WHR	0.033	38.570
					2	0.059		-10	2			
rs12454712	18	60845884	C	T	0.36	-	0.006	2.50E	10274	WHR	0.035	35.999
					7	0.033		-09	0			
rs12489828	3	52567014	T	G	0.48	-	0.005	1.00E	11815	WHR	0.033	38.715

					3	0.028			-09	0			
rs12679556	8	72514228	G	T	0.20				3.30E	12092			
					8	0.032	0.005		-10	1	WHR	0.034	40.959
rs1294410	6	6738752	C	T	0.62				6.00E	12318			
					5	0.037	0.005		-16	3	WHR	0.052	64.696
rs1358980	6	43764551	T	C	0.45				2.20E	12159			
					0	0.058	0.005		-33	2	WHR	0.120	146.005
rs1443512	12	54342684	C	A	0.80	-			8.10E	12324			
					0	0.041	0.005		-16	5	WHR	0.052	64.628
rs1534696	7	26397239	A	C	0.65	-			2.10E	11818			
					0	0.027	0.005		-08	7	WHR	0.027	31.640
rs17819328	3	12489342	G	T	0.45				4.00E	12207			
					0	0.035	0.005		-14	0	WHR	0.047	57.891
rs1936805	6	12745211	T	C	0.55				4.60E	12316			
		6			0	0.051	0.004		-31	3	WHR	0.109	134.347
rs2371767	3	64718258	C	G	0.20	-			1.70E	11452			
					8	0.057	0.005		-29	7	WHR	0.113	129.958
rs2645294	1	11957458	T	C	0.53				7.40E	12315			
		7			5	0.035	0.005		-15	1	WHR	0.049	60.493

rs2820443	1	219753509	C	T	0.30	-	0.005	3.30E	12323	WHR	0.121	148.838
					0	0.061		-35	1			
rs2925979	16	81534790	C	T	0.71	-	0.005	7.00E	12143	WHR	0.041	50.173
					7	0.034		-13	4			
rs4471313	1	170367466	T	G	0.72	0.034	0.005	4.60E	10681	WHR	0.040	42.751
					3			-11	4			
rs4646404	17	17420199	A	G	0.37	-	0.005	4.50E	12131	WHR	0.037	44.444
					5	0.034		-11	6			
rs4823006	22	29451671	G	A	0.46	-	0.004	7.80E	12314	WHR	0.031	37.654
					7	0.027		-10	2			
rs6090583	20	45558831	G	A	0.56	-	0.005	6.20E	12293	WHR	0.031	38.715
					7	0.028		-10	5			
rs7133378	12	124409502	A	G	0.36	-	0.005	4.80E	12061	WHR	0.055	66.015
					7	0.039		-16	0			
rs7705502	5	173320815	A	G	0.29	0.026	0.005	2.90E	12316	WHR	0.024	29.340
					2			-08	9			
rs7830933	8	23603324	G	A	0.25	-	0.005	1.10E	12312	WHR	0.038	47.097
					8	0.035		-11	4			
rs7917772	10	10448744	A	G	0.68	0.025	0.005	2.50E	12307	WHR	0.025	30.864

		3			3			-08	0			
rs8066985	17	68453345	G	A	0.48	-	0.004	1.20E	12324	WHR	0.031	37.654
					3	0.027		-09	4			
rs905938	1	15499138	C	T	0.32	-	0.005	3.00E	12209	WHR	0.032	38.768
		9			5	0.033		-10	6			
rs9425291	1	17231276	A	G	0.47		0.005	3.10E	12308	WHR	0.032	39.744
		9			5	0.029		-10	4			
rs9687846	5	55861894	A	G	0.19		0.006	4.70E	12244	WHR	0.040	49.245
					2	0.040		-12	7			
rs9991328	4	89713121	T	C	0.48		0.004	3.10E	12321	WHR	0.035	43.439
					3	0.029		-11	1			
rs10009336	4	44480783	T	C	0.16	-	0.002	2.20E	79476	BMI	0.005	40.496
					4	0.014		-10	6			
rs1006896	3	88104411	C	A	0.10	-	0.003	5.50E	69189	BMI	0.011	75.111
					6	0.023		-18	2			
rs10132280	14	25928179	A	C	0.30	-	0.002	5.60E	78657	BMI	0.020	153.484
					2	0.022		-35	8			
rs10169594	2	41637688	C	T	0.36		0.002	2.00E	68571	BMI	0.007	45.188
					0	0.012		-11	2			

rs10182181	2	25150296	G	A	0.47 5	0.033	0.002	6.70E -90	79211 1	BMI	0.052	412.597
rs10192119	2	16458124 1	G	T	0.16 7	0.017	0.002	3.00E -14	79536 9	BMI	0.007	56.934
rs10197031	2	10545459 0	C	T	0.28 3	0.017	0.002	1.90E -18	69147 9	BMI	0.011	76.332
rs10243319	7	14767467 8	C	T	0.39 4	- 0.011	0.002	1.20E -09	69093 6	BMI	0.005	35.336
rs10247983	7	11459022 8	A	G	0.92 1	0.020	0.003	1.70E -09	67241 1	BMI	0.006	37.099
rs10248136	7	39077397	T	C	0.51 4	- 0.010	0.002	2.00E -08	68689 2	BMI	0.005	32.557
rs10269783	7	49616203	A	G	0.39 0	0.013	0.002	1.40E -15	79055 1	BMI	0.008	61.207
rs10408324	19	51774806	T	C	0.27 4	- 0.012	0.002	9.50E -11	69073 7	BMI	0.006	42.593
rs10478110	5	11244573 4	C	A	0.43 5	0.010	0.002	9.60E -09	68044 1	BMI	0.005	34.602
rs1048932	11	11504485	A	C	0.41	-	0.002	3.80E	79516	BMI	0.011	88.581

		0			6	0.016		-22	7			
rs10492229	12	11060217	T	C	0.22	0.014	0.002	7.70E	79484	BMI	0.007	55.856
		3			7			-14	5			
rs10510419	3	12426936	T	G	0.14	-	0.002	2.20E	78931	BMI	0.008	59.223
					2	0.018		-14	8			
rs10518694	15	53072673	A	C	0.14	0.015	0.003	3.30E	69055	BMI	0.005	34.106
					2			-09	4			
rs1064213	2	19895024	A	G	0.49	0.012	0.002	2.40E	69257	BMI	0.007	49.827
		0			2			-12	6			
rs10733051	1	16728035	G	A	0.48	-	0.002	2.90E	78192	BMI	0.005	36.754
		4			0	0.010		-09	8			
rs10742752	11	45438374	C	T	0.61	0.012	0.002	1.10E	79270	BMI	0.007	53.204
					6			-13	4			
rs10747488	1	98299475	A	C	0.76	-	0.002	1.20E	68929	BMI	0.005	37.822
					0	0.012		-09	5			
rs10750215	11	12250534	T	G	0.38	0.011	0.002	1.30E	78889	BMI	0.005	40.360
		4			8			-10	5			
rs1075901	17	15943910	C	T	0.56	0.012	0.002	1.20E	79478	BMI	0.007	57.191
					4			-13	9			

rs10768994	11	43936945	C	T	0.43	-	0.002	6.40E	79168	BMI	0.006	44.969
					4	0.011		-12	5			
rs10795422	10	16759312	G	A	0.69		0.002	9.30E	69210	BMI	0.008	53.521
					1	0.014		-14	8			
rs10811871	9	23200766	G	A	0.38	-	0.002	1.60E	68637	BMI	0.005	36.000
					3	0.011		-09	6			
rs10832778	11	17394073	G	C	0.62		0.002	1.30E	78304	BMI	0.007	54.066
					2	0.013		-13	2			
rs10858334	9	13798978	G	C	0.14		0.003	2.70E	67264	BMI	0.004	30.250
		5			2	0.014		-08	0			
rs10867256	9	81367391	T	C	0.55	-	0.002	8.70E	68949	BMI	0.007	48.180
					3	0.012		-12	3			
rs10878946	12	69642315	T	C	0.71	-	0.002	3.60E	68570	BMI	0.008	55.072
					4	0.014		-13	7			
rs10887578	10	88096047	C	G	0.49		0.002	1.60E	67917	BMI	0.008	56.692
					0	0.013		-13	2			
rs10914462	1	32125943	G	A	0.42	-	0.002	1.50E	68980	BMI	0.006	43.405
					6	0.011		-10	8			
rs10915840	1	22566852	A	G	0.28	-	0.002	1.30E	68485	BMI	0.006	38.571

		4			3	0.012		-09	7			
rs10920678	1	19023990	G	A	0.57	-	0.002	1.50E	78862	BMI	0.012	93.847
		7			1	0.016		-21	4			
rs10938397	4	45182527	G	A	0.43		0.002	3.40E	79351	BMI	0.052	410.061
					2	0.032		-86	8			
rs10942267	5	80841914	G	A	0.30	-	0.002	3.90E	68908	BMI	0.010	67.413
					9	0.016		-17	4			
rs10953740	7	11346028	G	A	0.55	-	0.002	1.00E	68441	BMI	0.012	81.000
		2			3	0.015		-18	9			
rs10962550	9	16720329	C	G	0.18		0.002	6.20E	69057	BMI	0.010	68.438
					0	0.018		-16	9			
rs10971709	9	33804813	T	C	0.20		0.002	6.20E	68831	BMI	0.006	39.510
					6	0.013		-10	2			
rs10984756	9	12265178	G	C	0.10		0.003	1.10E	68991	BMI	0.005	36.000
		4			5	0.017		-09	7			
rs11030618	11	29243293	T	C	0.56		0.002	2.40E	69000	BMI	0.006	41.868
					8	0.011		-10	5			
rs11066188	12	11261071	A	G	0.41	-	0.002	8.10E	79275	BMI	0.006	49.827
		4			8	0.012		-13	5			

rs11084553	19	31019780	G	A	0.15 2	- 0.021	0.002	1.80E -18	69110 3	BMI	0.011	76.562
rs11105839	12	91237920	A	T	0.38 0	- 0.011	0.002	1.10E -10	78157 3	BMI	0.005	41.111
rs11115176	12	82465797	C	T	0.24 0	- 0.012	0.002	2.00E -10	79238 4	BMI	0.005	40.557
rs11118308	1	21963386 9	G	A	0.47 0	- 0.010	0.002	4.80E -10	79462 5	BMI	0.005	39.848
rs1112613	13	53651850	A	G	0.17 6	- 0.013	0.002	3.40E -09	68281 6	BMI	0.005	33.438
rs11150911	18	73498528	C	A	0.71 9	- 0.013	0.002	4.70E -13	78171 6	BMI	0.007	54.596
rs11165643	1	96924097	T	C	0.58 3	0.021	0.002	1.40E -35	79265 7	BMI	0.019	146.837
rs11170468	12	39430048	C	A	0.23 3	- 0.012	0.002	1.90E -10	79526 5	BMI	0.005	41.908
rs11173522	12	60953472	A	C	0.20 8	0.013	0.002	1.10E -09	69159 3	BMI	0.005	37.152
rs11251352	10	2585792	G	A	0.59	0.011	0.002	7.00E	69080	BMI	0.005	36.670

rs1144387	13	78365190	C	G	0.57 1	0.010	0.002	-10 -08	4 5	BMI	0.005	33.232
rs11496125	7	10341755 7	T	C	0.42 1	0.017	0.002	3.00E -22	68457 4	BMI	0.014	98.827
rs11505821	7	76818677	T	A	0.06 0	0.031	0.004	2.70E -19	75832 2	BMI	0.010	78.956
rs11538	22	18220831	G	A	0.18 1	0.014	0.002	3.30E -09	69234 9	BMI	0.005	34.452
rs1158805	18	40736590	A	C	0.37 7	- 0.014	0.002	1.20E -14	69177 6	BMI	0.008	57.929
rs11609659	12	10829626 0	C	T	0.23 7	- 0.015	0.002	2.20E -14	67917 7	BMI	0.009	59.290
rs11611246	12	939480	T	G	0.21 0	0.024	0.002	5.00E -32	77982 3	BMI	0.018	144.000
rs11615578	12	12171493 5	T	C	0.24 7	0.013	0.002	8.10E -11	66942 2	BMI	0.006	42.250
rs11656076	17	31464270	A	G	0.22 5	- 0.014	0.002	5.60E -12	69128 3	BMI	0.007	45.723

rs11672660	19	46180184	T	C	0.20	-	0.002	1.70E	76842	BMI	0.034	262.131
					5	0.034		-60	6			
rs11713193	3	49924424	A	G	0.50		0.002	2.40E	69215	BMI	0.029	197.650
					7	0.024		-44	9			
rs11736228	4	14737680	T	A	0.25	-	0.002	4.10E	69158	BMI	0.007	48.302
		5			9	0.014		-12	0			
rs11738695	5	10869916	A	C	0.58		0.002	2.00E	69138	BMI	0.005	32.557
		1			6	0.010		-08	0			
rs11739877	5	10587680	T	C	0.61		0.002	6.60E	69254	BMI	0.006	42.250
		6			2	0.012		-11	0			
rs11781699	8	11886306	C	T	0.19		0.002	3.10E	78464	BMI	0.005	39.510
		1			0	0.013		-10	2			
rs11855853	15	78012618	T	C	0.26	-	0.002	2.40E	68256	BMI	0.008	52.562
					5	0.015		-13	4			
rs1187352	9	87293457	C	T	0.65		0.002	6.00E	68852	BMI	0.006	43.707
					2	0.012		-11	2			
rs11880870	19	18830704	G	A	0.48	-	0.002	1.00E	71735	BMI	0.017	123.602
					0	0.019		-28	0			
rs11889536	2	22016354	G	A	0.14	-	0.002	6.40E	68897	BMI	0.009	62.015

		3			9	0.019		-15	7			
rs11908637	20	47428485	A	G	0.23	-	0.002	4.90E	69144	BMI	0.005	32.653
					6	0.012		-09	3			
rs11945861	4	65700865	A	G	0.23	-	0.002	5.00E	68245	BMI	0.008	54.760
					7	0.015		-13	1			
rs11951673	5	95861012	T	C	0.39	-	0.002	1.10E	79227	BMI	0.007	52.349
					4	0.012		-13	8			
rs12044597	1	1708801	G	A	0.50	-	0.002	1.70E	78912	BMI	0.010	79.879
					3	0.014		-18	5			
rs12049202	1	77967523	T	C	0.20	-	0.002	1.00E	69156	BMI	0.017	119.008
					3	0.024		-28	6			
rs12098284	10	76047464	T	C	0.12	-	0.003	1.80E	68616	BMI	0.007	46.870
					4	0.018		-11	7			
rs12150665	17	34914787	C	T	0.40	-	0.002	1.60E	79550	BMI	0.011	90.809
					6	0.016		-22	1			
rs1218822	13	28011963	A	G	0.66	-	0.002	1.90E	79471	BMI	0.012	97.661
					6	0.017		-22	1			
rs12299814	12	90216146	A	C	0.25	-	0.002	5.20E	68796	BMI	0.009	61.622
					3	0.016		-15	2			

rs12328930	2	175079125	C	T	0.424	0.010	0.002	1.80E-08	690521	BMI	0.005	33.232
rs12334877	8	67194171	A	G	0.198	-0.014	0.002	7.70E-11	683820	BMI	0.006	42.843
rs12364470	11	134601012	G	T	0.163	0.018	0.002	1.10E-15	787411	BMI	0.008	65.463
rs12369179	12	122963550	T	C	0.088	-0.036	0.003	2.50E-31	674260	BMI	0.020	134.111
rs12416812	11	888632	A	G	0.509	0.011	0.002	6.10E-12	793338	BMI	0.006	48.129
rs1241986	18	6873954	A	G	0.848	-0.014	0.002	1.10E-08	687757	BMI	0.005	33.543
rs12422552	12	14413931	C	G	0.266	-0.013	0.002	1.60E-11	689543	BMI	0.007	44.890
rs12429545	13	54102206	A	G	0.125	0.032	0.003	9.60E-38	778918	BMI	0.021	159.769
rs12448257	16	3599655	A	G	0.218	0.018	0.002	8.10E-20	779628	BMI	0.011	84.640
rs12546578	8	85085268	A	T	0.72	0.015	0.002	1.00E	68919	BMI	0.008	53.290

rs12564992	1	174478100	G	A	0.114	0.020	0.003	5.30E-14	795119	BMI	0.007	56.828
rs12593036	15	81058652	G	A	0.299	-0.015	0.002	3.80E-16	686055	BMI	0.010	65.695
rs12602912	17	65870073	T	C	0.205	0.018	0.002	9.90E-18	777510	BMI	0.009	70.240
rs1260326	2	27730940	C	T	0.597	0.011	0.002	3.90E-10	784462	BMI	0.005	38.149
rs12629015	3	119618053	G	A	0.185	-0.014	0.002	2.10E-09	691059	BMI	0.005	34.452
rs1266874	6	51779638	G	A	0.356	0.014	0.002	9.80E-15	691020	BMI	0.009	60.494
rs12675063	8	132879047	T	A	0.113	0.016	0.003	1.30E-09	789771	BMI	0.005	36.000
rs1268065	6	126042783	A	G	0.479	-0.010	0.002	1.00E-09	759626	BMI	0.005	36.000
rs12680842	8	95582606	G	A	0.321	-0.013	0.002	4.40E-14	782549	BMI	0.007	54.596

rs12718572	7	50573325	T	C	0.40	-	0.002	3.00E	68652	BMI	0.006	42.250
					2	0.012		-11	3			
rs12762034	10	33969931	C	T	0.07	0.024	0.003	7.30E	69219	BMI	0.008	56.250
					6			-14	1			
rs12779328	10	12943973	T	C	0.28	0.011	0.002	4.50E	69073	BMI	0.004	30.540
					3			-08	6			
rs1285997	14	91513029	G	C	0.71	0.014	0.002	1.20E	68423	BMI	0.008	55.856
					5			-13	5			
rs12888545	14	88308044	G	A	0.25	0.014	0.002	9.10E	68860	BMI	0.007	46.240
					2			-12	5			
rs12888955	14	10325687	A	G	0.65	-	0.002	1.40E	69184	BMI	0.014	97.790
		7			1	0.018		-22	9			
rs12905439	15	99521883	G	C	0.33	-	0.002	1.40E	67520	BMI	0.006	42.975
					9	0.012		-10	5			
rs12914489	15	74187937	A	G	0.11	0.017	0.003	3.80E	79524	BMI	0.005	40.274
					0			-10	4			
rs12933482	16	72189604	G	A	0.10	0.019	0.003	4.90E	69147	BMI	0.006	44.127
					5			-11	7			
rs12936083	17	4801887	G	A	0.32	0.014	0.002	4.10E	63361	BMI	0.008	53.521

					7			-13	5			
rs12939549	17	78611724	G	A	0.43	-	0.002	2.70E	79395	BMI	0.016	126.562
					4	0.018		-28	0			
rs1296328	4	13708319	C	A	0.56	-	0.002	4.90E	68348	BMI	0.014	98.892
		3			6	0.018		-24	8			
rs12981256	19	1865901	A	G	0.53	0.014	0.002	1.10E	67832	BMI	0.009	62.234
					3			-15	7			
rs13021737	2	632348	G	A	0.83	0.057	0.002	7.50E	78953	BMI	0.095	747.109
					2			-157	4			
rs13047416	21	40309436	G	C	0.37	-	0.002	2.20E	68322	BMI	0.011	73.197
					7	0.015		-17	8			
rs13069244	3	18044117	A	G	0.07	0.019	0.003	3.00E	79132	BMI	0.004	34.149
		2			7			-09	7			
rs13107325	4	10318870	T	C	0.07	0.047	0.003	1.10E	79204	BMI	0.027	215.722
		9			4			-47	5			
rs13110266	4	16212984	A	G	0.40	-	0.002	1.90E	79108	BMI	0.006	47.367
		4			7	0.012		-12	7			
rs13132853	4	38680015	G	A	0.34	-	0.002	4.70E	68254	BMI	0.009	62.234
					5	0.014		-15	3			

rs13147390	4	80712000	C	T	0.357	0.010	0.002	1.00E-08	681032	BMI	0.005	32.744
rs13174863	5	139080745	G	A	0.155	0.019	0.002	2.90E-16	773762	BMI	0.009	69.686
rs13184896	5	122734005	T	G	0.435	-0.013	0.002	3.30E-16	794825	BMI	0.009	69.097
rs13191362	6	163033350	G	A	0.120	-0.024	0.003	5.90E-21	792699	BMI	0.011	89.113
rs1320903	3	131758077	A	G	0.317	0.022	0.002	9.20E-32	691519	BMI	0.021	144.000
rs1321432	20	6614691	C	A	0.632	0.020	0.002	3.50E-29	686481	BMI	0.018	124.694
rs13250058	8	112270826	T	G	0.677	0.011	0.002	2.90E-10	787870	BMI	0.005	38.716
rs13263601	8	14095900	C	A	0.348	0.015	0.002	2.20E-17	686196	BMI	0.011	73.197
rs1327259	6	51177811	G	A	0.387	-0.016	0.002	1.70E-18	685922	BMI	0.011	74.151
rs13287131	9	92119579	C	T	0.24	0.012	0.002	6.80E	68380	BMI	0.006	37.822

rs1330052	13	86536006	G	C	0.35 0	0.013	0.002	1.50E -13	69161 3	BMI	0.008	53.778
rs13329567	15	68104367	T	C	0.23 1	- 0.029	0.002	1.00E -50	79395 3	BMI	0.027	214.622
rs1365466	18	36182440	T	C	0.74 1	- 0.014	0.002	3.30E -13	79186 8	BMI	0.007	51.992
rs1371108	2	81816251	A	C	0.32 5	0.012	0.002	9.00E -11	68462 0	BMI	0.006	43.707
rs138289	22	32182708	T	A	0.48 3	- 0.010	0.002	3.30E -09	68725 8	BMI	0.005	36.709
rs1409818	20	21381121	T	C	0.11 6	0.020	0.003	2.50E -12	69098 4	BMI	0.007	48.039
rs1412235	9	28410996	C	G	0.31 8	0.025	0.002	6.00E -45	79014 7	BMI	0.026	209.397
rs1421334	8	30865733	C	A	0.54 3	- 0.013	0.002	1.00E -12	68066 5	BMI	0.007	48.225
rs1430387	18	58227112	C	T	0.43 0	- 0.011	0.002	5.80E -11	68932 5	BMI	0.007	44.969

rs1431659	8	73439070	G	A	0.73	-	0.002	6.00E	68973	BMI	0.015	106.415
					4	0.020		-24	9			
rs1436344	3	10460614	C	G	0.59		0.002	4.10E	69201	BMI	0.010	68.792
		4			2	0.014		-16	7			
rs1445652	2	15566846	A	G	0.18		0.002	4.30E	68216	BMI	0.005	31.258
		0			6	0.012		-08	6			
rs1452075	3	62481063	T	C	0.72		0.002	1.30E	78372	BMI	0.008	61.361
					8	0.014		-14	9			
rs1454687	3	94038085	G	C	0.52	-	0.002	5.20E	69232	BMI	0.020	141.190
					3	0.020		-32	4			
rs1465900	11	76473138	C	A	0.21	-	0.002	4.80E	77974	BMI	0.005	39.062
					9	0.013		-10	8			
rs1472169	9	37209396	T	C	0.37	-	0.002	2.80E	68994	BMI	0.009	59.633
					7	0.014		-15	5			
rs1476322	3	16144605	A	G	0.56		0.002	5.00E	69252	BMI	0.005	35.297
		5			9	0.010		-09	3			
rs1477199	16	53712135	G	A	0.14		0.002	9.40E	79444	BMI	0.011	90.250
					5	0.023		-22	2			
rs1492767	4	55221467	T	C	0.49	0.009	0.002	1.00E	79416	BMI	0.004	34.516

					6			-08	1			
rs1503526	5	63020706	C	T	0.48			5.50E	74734	BMI	0.009	67.820
					4	0.014	0.002	-17	7			
rs1521527	2	16542782	C	G	0.53	-		3.10E	67817	BMI	0.007	50.661
		5			2	0.012	0.002	-12	5			
rs1522569	4	17163263	G	T	0.18	-		2.90E	68957	BMI	0.008	55.570
		7			2	0.016	0.002	-13	3			
rs1528435	2	18155096	T	C	0.63			9.10E	79419	BMI	0.012	93.066
		2			3	0.016	0.002	-23	8			
rs1535660	9	10371073	C	T	0.85	-		5.20E	69062	BMI	0.005	34.574
					5	0.015	0.003	-09	4			
rs1538247	6	15339534	C	T	0.31			1.00E	68272	BMI	0.005	32.310
		4			8	0.011	0.002	-08	6			
rs1552893	3	19485170	G	A	0.27	-		8.10E	69131	BMI	0.006	43.978
		0			8	0.013	0.002	-11	3			
rs156201	6	10484744	C	G	0.76			5.80E	69183	BMI	0.005	37.822
		1			1	0.012	0.002	-10	5			
rs1624134	10	34834482	C	G	0.40			1.10E	69057	BMI	0.005	31.484
					7	0.010	0.002	-08	2			

rs1656377	3	158285280	C	T	0.589	0.010	0.002	1.60E-08	691955	BMI	0.005	33.913
rs1681740	10	118564313	C	A	0.393	-0.012	0.002	1.10E-10	673459	BMI	0.006	40.818
rs16849710	1	202106797	G	A	0.515	-0.012	0.002	6.00E-11	666229	BMI	0.006	41.531
rs16851483	3	141275436	T	G	0.069	0.037	0.004	3.20E-26	692316	BMI	0.016	111.152
rs16871902	5	3488462	A	G	0.488	0.013	0.002	4.60E-13	690830	BMI	0.008	54.066
rs16903285	5	879782521	C	T	0.141	0.033	0.003	7.60E-38	687944	BMI	0.024	162.072
rs17001561	4	770961187	A	G	0.157	0.015	0.002	3.80E-11	794327	BMI	0.005	43.102
rs17014375	1	209543560	G	T	0.135	0.017	0.003	1.10E-11	690856	BMI	0.007	47.334
rs17033117	3	354436537	T	C	0.187	0.014	0.002	8.90E-10	691863	BMI	0.006	38.779
rs17056301	5	15827168	C	T	0.26	0.012	0.002	2.40E	68808	BMI	0.005	34.810

		0			4			-09	5			
rs17113297	10	10239598	T	C	0.20	0.017	0.002	2.10E	68635	BMI	0.009	62.485
		2			8			-15	7			
rs17119937	8	14502274	C	T	0.06	0.021	0.004	5.60E	66827	BMI	0.005	34.679
					9			-09	2			
rs17203016	2	20825551	G	A	0.19	0.015	0.002	2.10E	78627	BMI	0.007	56.250
		8			6			-13	2			
rs17207196	7	75101065	T	C	0.41	-	0.002	2.10E	66889	BMI	0.023	150.743
					2	0.022		-35	4			
rs17238110	15	62150364	G	A	0.16	-	0.005	2.00E	77550	BMI	0.006	49.843
					3	0.035		-12	5			
rs17311369	15	47709199	T	C	0.32	-	0.002	3.10E	67310	BMI	0.004	29.961
					8	0.010		-08	2			
rs17399237	2	35471626	C	T	0.55	-	0.002	6.70E	69095	BMI	0.008	57.581
					0	0.013		-14	0			
rs17405819	8	76806584	C	T	0.30	-	0.002	4.30E	79549	BMI	0.018	142.669
					1	0.022		-33	3			
rs17424296	5	60838903	A	G	0.36	-	0.002	2.40E	68436	BMI	0.005	36.000
					6	0.011		-09	6			

rs17425707	1	57874879	C	T	0.10 0	0.017	0.003	4.40E -09	68886 7	BMI	0.005	35.573
rs17446257	13	40749213	A	G	0.12 9	0.015	0.003	2.90E -09	69063 0	BMI	0.005	34.629
rs17499593	2	17264975 5	G	C	0.19 0	0.013	0.002	1.10E -08	69166 3	BMI	0.005	32.283
rs17513613	19	30286822	C	T	0.32 4	0.019	0.002	3.60E -26	78957 5	BMI	0.014	106.778
rs175165	22	20116015	G	T	0.39 4	- 0.010	0.002	5.20E -09	69054 5	BMI	0.005	32.744
rs17535749	3	10027724	A	G	0.10 2	0.015	0.003	2.50E -08	77703 8	BMI	0.004	30.864
rs17551974	2	14229314 6	A	C	0.17 8	- 0.014	0.002	1.90E -10	69111 5	BMI	0.006	41.076
rs17663412	5	16759512 1	A	C	0.11 4	0.016	0.003	6.10E -09	69101 8	BMI	0.005	33.812
rs17710386	18	63461201	C	T	0.33 2	0.013	0.002	1.00E -12	78381 0	BMI	0.006	49.000
rs17724992	19	18454825	G	A	0.26	-	0.002	1.00E	78585	BMI	0.012	92.767

					0	0.018			-22	1			
rs17789218	6	10060009	C	T	0.23				7.40E	79390	BMI	0.006	46.814
		7			9	0.013	0.002		-12	4			
rs17806379	20	51107290	T	C	0.17	-			1.50E	69004	BMI	0.020	137.529
					9	0.026	0.002		-30	3			
rs1784460	11	11893837	A	T	0.40				9.00E	68004	BMI	0.008	53.778
		1			4	0.013	0.002		-14	2			
rs1804528	4	14605632	A	G	0.35				3.00E	51885	BMI	0.006	29.702
		0			1	0.011	0.002		-08	6			
rs1830074	7	6718674	C	T	0.28				1.40E	68991	BMI	0.005	36.634
					8	0.012	0.002		-09	1			
rs1836303	15	46539116	G	A	0.38				5.30E	68899	BMI	0.006	41.531
					7	0.012	0.002		-11	1			
rs1843328	12	17111188	A	C	0.50	-			7.90E	68681	BMI	0.005	33.913
					9	0.010	0.002		-09	4			
rs1863652	4	95991417	A	G	0.34	-			1.40E	69253	BMI	0.006	40.818
					5	0.012	0.002		-10	9			
rs1884389	20	1410582	T	C	0.42	-			4.00E	68366	BMI	0.005	36.709
					9	0.010	0.002		-09	9			

rs1885728	6	5977833	A	G	0.67 9	0.011	0.002	1.00E -08	68231 6	BMI	0.005	32.310
rs1891216	1	7728391	G	T	0.37 6	0.011	0.002	2.40E -09	68507 9	BMI	0.005	35.336
rs1896767	16	62838304	A	G	0.53 8	- 0.011	0.002	2.40E -10	68626 2	BMI	0.006	41.111
rs189843	5	16460015 1	C	G	0.55 6	- 0.010	0.002	1.70E -08	68531 4	BMI	0.005	33.232
rs1927790	13	96922191	C	T	0.41 1	0.015	0.002	1.80E -19	79432 6	BMI	0.011	85.562
rs1928295	9	12037848 3	C	T	0.44 6	- 0.014	0.002	5.40E -18	79364 9	BMI	0.010	77.660
rs1937683	10	53679060	T	C	0.67 0	0.011	0.002	3.20E -09	69253 9	BMI	0.005	36.670
rs1948080	9	11852043	G	T	0.37 5	- 0.014	0.002	1.10E -14	69063 3	BMI	0.008	57.929
rs1982441	8	28021769	T	G	0.13 8	0.018	0.003	7.00E -12	68770 5	BMI	0.007	45.303
rs1982725	19	30618771	T	C	0.47	0.010	0.002	3.30E	68315	BMI	0.005	32.557

rs1993709	1	72838529	G	A	0.81	0.033	0.002	1.90E	78600	BMI	0.032	248.437
					8			-08	5			
					8			-57	1			
rs2007231	1	11526630	T	C	0.63	-	0.002	5.20E	69196	BMI	0.005	33.383
		6			9	0.010		-09	9			
rs200810	6	97922184	C	T	0.37	-	0.002	5.50E	79369	BMI	0.008	64.000
					2	0.014		-16	9			
rs2009416	5	92415111	T	C	0.36	-	0.002	1.10E	69174	BMI	0.007	45.188
					1	0.012		-11	1			
rs2051559	4	3298800	C	T	0.13	0.018	0.003	5.00E	68930	BMI	0.007	45.822
					1			-12	7			
rs2065418	11	30422068	G	T	0.36	-	0.002	3.60E	69170	BMI	0.012	85.049
					2	0.017		-20	7			
rs208015	17	46252346	C	T	0.92	-	0.003	1.40E	69157	BMI	0.016	109.633
					2	0.036		-25	5			
rs2124499	3	12309354	C	G	0.37	-	0.002	3.40E	78595	BMI	0.007	52.349
		1			2	0.012		-13	5			
rs2143253	20	41987392	A	G	0.11	-	0.003	1.10E	68476	BMI	0.008	52.284
					9	0.019		-12	0			

rs215634	7	32369148	G	A	0.62	-	0.002	2.60E	68129	BMI	0.010	71.308
					1	0.015		-17	6			
rs2162524	2	23081743	C	T	0.33		0.002	4.10E	69130	BMI	0.011	74.151
		7			2	0.016		-17	2			
rs2163188	10	65314711	C	G	0.47		0.002	2.00E	68650	BMI	0.009	59.380
					4	0.013		-14	2			
rs2174307	9	73791849	C	G	0.40		0.002	4.90E	68655	BMI	0.007	50.661
					7	0.012		-12	9			
rs217671	14	62360464	G	A	0.27		0.002	1.30E	69145	BMI	0.008	57.440
					2	0.014		-13	6			
rs2228213	6	12124855	A	G	0.34	-	0.002	4.60E	79559	BMI	0.008	66.855
					8	0.014		-16	5			
rs2235564	1	6713114	T	C	0.34		0.002	3.70E	69154	BMI	0.008	52.966
					7	0.013		-13	4			
rs2246012	6	13189820	C	T	0.16		0.002	3.10E	79559	BMI	0.006	51.578
		8			3	0.016		-13	8			
rs226000	14	30488699	T	C	0.82		0.002	3.60E	79348	BMI	0.004	29.258
					5	0.012		-08	0			
rs2283093	7	12672123	T	C	0.20		0.002	3.10E	69177	BMI	0.005	36.574

		1			7			-09	3			
rs2285178	22	38205989	C	T	0.31	0.011	0.002	9.40E	63826	BMI	0.005	34.748
					1			-09	8			
rs2306537	12	13342369	G	A	0.30	0.013	0.002	8.70E	69192	BMI	0.007	49.000
		5			9			-13	3			
rs2307111	5	75003678	C	T	0.39	-	0.002	1.60E	79543	BMI	0.034	274.316
					6	0.027		-58	0			
rs2317299	2	23690309	C	T	0.56	-	0.002	1.30E	67798	BMI	0.006	38.879
		3			0	0.011		-09	3			
rs2325036	3	85819412	C	A	0.38	-	0.002	3.60E	79087	BMI	0.014	113.360
					5	0.018		-27	0			
rs2357760	6	12021388	A	G	0.67	0.015	0.002	6.80E	79105	BMI	0.009	72.751
		0			5			-17	3			
rs2361988	16	398151	C	T	0.25	-	0.002	5.20E	69025	BMI	0.009	60.062
					4	0.016		-15	1			
rs2365389	3	61236462	T	C	0.41	-	0.002	1.30E	78362	BMI	0.013	104.761
					4	0.017		-25	5			
rs2367112	5	64168193	G	T	0.49	-	0.002	2.30E	79430	BMI	0.007	55.316
					2	0.012		-13	5			

rs2411182	17	35059718	A	G	0.69 4	0.012	0.002	7.70E -11	69173 0	BMI	0.006	41.908
rs2423668	20	12430673	C	T	0.55 1	- 0.011	0.002	2.80E -08	52735 2	BMI	0.006	30.540
rs2425840	20	44904838	C	A	0.40 6	0.012	0.002	1.60E -11	68168 0	BMI	0.006	43.707
rs2429150	12	2152655	C	A	0.41 6	0.011	0.002	2.70E -10	68627 6	BMI	0.006	38.028
rs2479958	13	11198424 4	G	A	0.50 8	- 0.015	0.002	1.50E -17	66426 8	BMI	0.011	73.197
rs2481665	1	62594677	C	T	0.44 1	- 0.016	0.002	7.20E -23	79524 7	BMI	0.013	101.254
rs2543132	8	15536311	C	G	0.81 3	0.015	0.002	5.00E -11	68832 6	BMI	0.006	44.041
rs2600226	3	12928762	T	C	0.67 0	- 0.012	0.002	3.70E -10	68528 5	BMI	0.005	37.274
rs2605603	11	93221105	A	G	0.48 9	- 0.010	0.002	2.50E -10	79085 7	BMI	0.005	41.441
rs262130	6	14285348	T	C	0.19	0.013	0.002	1.80E	67954	BMI	0.004	30.490

		6			7			-08	2			
rs2643452	4	18529220	A	T	0.54	0.014	0.002	4.70E	69057	BMI	0.009	64.000
					5			-15	3			
rs2693826	2	6160943	A	G	0.44	-	0.002	2.00E	69080	BMI	0.009	64.944
					2	0.014		-15	8			
rs2694047	8	11675054	G	A	0.74	0.019	0.002	3.90E	69029	BMI	0.013	88.360
		8			7			-21	5			
rs273504	19	18215247	G	A	0.42	0.015	0.002	4.40E	69067	BMI	0.010	72.250
					7			-18	2			
rs2744974	6	34579431	T	C	0.33	0.025	0.002	1.40E	78964	BMI	0.024	191.361
					8			-45	7			
rs2791653	1	11129848	G	A	0.75	-	0.002	1.30E	79527	BMI	0.007	55.072
					8	0.014		-13	1			
rs2820311	1	20184147	G	A	0.33	0.024	0.002	4.10E	69187	BMI	0.025	170.447
		6			7			-38	6			
rs2832283	21	30690558	A	G	0.22	0.012	0.002	5.80E	79232	BMI	0.004	33.062
					1			-09	4			
rs2836964	21	40631006	C	T	0.35	-	0.002	1.30E	69235	BMI	0.005	37.346
					8	0.011		-09	3			

rs2861683	2	67836507	C	A	0.40	-	0.002	1.30E	69116	BMI	0.010	71.751
					7	0.014		-16	3			
rs2868975	3	11693532	A	G	0.17	-	0.002	2.20E	69061	BMI	0.006	38.656
		3			8	0.014		-10	3			
rs287104	19	34290995	A	G	0.66	0.012	0.002	4.40E	78730	BMI	0.006	45.761
					0			-11	7			
rs2875762	6	12492503	C	G	0.24	0.014	0.002	1.20E	68519	BMI	0.007	48.302
		2			7			-11	9			
rs2907948	7	15063848	A	G	0.24	-	0.002	1.30E	79429	BMI	0.007	55.072
		4			3	0.014		-13	9			
rs2931434	5	73159098	T	C	0.31	-	0.002	1.40E	69066	BMI	0.005	33.383
					7	0.010		-08	4			
rs2943465	12	19265921	C	T	0.94	0.025	0.004	2.00E	68654	BMI	0.006	40.436
					4			-10	7			
rs294704	5	15251908	T	G	0.72	-	0.002	4.00E	69003	BMI	0.005	35.371
		8			4	0.011		-09	6			
rs3007105	14	47367616	T	C	0.47	0.014	0.002	1.10E	78548	BMI	0.009	69.771
					0			-17	8			
rs326896	4	11266957	T	C	0.39	-	0.002	2.80E	69032	BMI	0.007	50.568

		1			3	0.013		-13	4			
rs331966	4	14367571	C	A	0.37	0.011	0.002	3.20E	68718	BMI	0.006	38.716
		7			9			-10	9			
rs33500	3	42427191	T	C	0.80	-	0.002	4.30E	68950	BMI	0.008	57.622
					8	0.017		-14	0			
rs339991	15	60913637	G	A	0.56	0.012	0.002	1.20E	68647	BMI	0.007	47.457
					3			-12	6			
rs349088	11	84814393	A	C	0.49	-	0.002	1.80E	68440	BMI	0.008	56.692
					8	0.013		-13	1			
rs355777	3	15403495	C	G	0.41	0.015	0.002	1.40E	68997	BMI	0.012	81.000
		0			1			-18	8			
rs3731695	2	20382027	C	T	0.55	0.012	0.002	7.90E	79358	BMI	0.007	52.562
		5			8			-13	1			
rs3732084	2	20717431	C	T	0.61	0.011	0.002	1.10E	69176	BMI	0.005	35.336
		6			4			-09	3			
rs3736485	15	51748610	G	A	0.54	-	0.002	2.50E	79040	BMI	0.009	70.140
					4	0.013		-16	4			
rs3749897	6	42532102	T	C	0.41	0.012	0.002	8.40E	63822	BMI	0.007	45.938
					7			-12	4			

rs3754963	2	16618570 7	T	A	0.25 7	- 0.012	0.002	3.30E -10	69153 5	BMI	0.005	37.822
rs3764835	2	15951936 8	A	G	0.15 3	- 0.014	0.002	3.10E -09	68950 5	BMI	0.005	34.516
rs3772882	3	81808602	A	C	0.36 6	0.013	0.002	6.60E -13	69191 2	BMI	0.007	49.781
rs3800229	6	10899696 3	T	G	0.71 2	0.018	0.002	1.40E -22	79247 4	BMI	0.012	94.521
rs3800637	7	13740343 2	C	T	0.33 6	0.012	0.002	5.10E -10	68200 1	BMI	0.006	40.818
rs3806114	6	20482335	A	G	0.67 7	- 0.011	0.002	3.40E -10	77885 5	BMI	0.005	39.410
rs3806572	2	55238677	A	G	0.27 9	- 0.015	0.002	1.60E -14	68764 6	BMI	0.008	58.241
rs3807645	7	77830091	A	G	0.22 1	- 0.017	0.002	2.40E -15	68308 6	BMI	0.009	62.485
rs380857	9	10149106 6	A	C	0.88 8	- 0.015	0.003	3.60E -08	69150 7	BMI	0.005	31.277
rs3814883	16	29994922	T	C	0.47	0.023	0.002	1.10E	68551	BMI	0.027	186.242

					6			-40	9			
rs3828783	6	33767727	A	G	0.18	-	0.002	5.60E	79274	BMI	0.008	61.735
					1	0.017		-15	9			
rs3829849	9	12939080	T	C	0.35		0.002	5.90E	79385	BMI	0.004	33.232
		0			9	0.010		-09	1			
rs38314	7	70067315	A	G	0.49	-	0.002	4.70E	68978	BMI	0.007	49.827
					1	0.012		-12	2			
rs3844598	5	14099223	G	A	0.52		0.002	3.80E	69070	BMI	0.005	31.228
		5			1	0.010		-08	4			
rs3904244	10	27361527	A	T	0.13		0.003	4.30E	69118	BMI	0.006	38.440
					8	0.016		-10	0			
rs391300	17	2216258	C	T	0.62	-	0.002	3.10E	79112	BMI	0.006	49.000
					8	0.012		-12	0			
rs3935648	17	79085335	G	C	0.23	-	0.002	6.80E	62930	BMI	0.005	32.283
					3	0.013		-09	3			
rs3977755	10	10442021	T	C	0.28	-	0.002	5.90E	73152	BMI	0.007	50.485
		0			0	0.014		-13	9			
rs40067	5	10743901	A	G	0.17	-	0.002	7.10E	68169	BMI	0.020	133.754
		2			1	0.027		-30	5			

rs4012234	20	32553047	G	T	0.59 2	0.014	0.002	9.90E -16	68965 3	BMI	0.009	61.361
rs4072917	8	14330027 9	A	G	0.46 9	0.012	0.002	6.90E -11	68472 0	BMI	0.006	40.818
rs4148155	4	89054667	G	A	0.11 3	- 0.019	0.003	5.00E -13	79488 9	BMI	0.007	52.284
rs4148866	12	12342557 5	T	C	0.40 7	0.010	0.002	4.00E -08	67641 8	BMI	0.004	29.642
rs4237643	11	43648368	G	T	0.69 4	- 0.022	0.002	4.30E -33	69249 1	BMI	0.020	137.753
rs427943	21	46570896	C	A	0.56 7	0.017	0.002	7.30E -23	71209 5	BMI	0.014	100.000
rs429343	2	14790338 2	G	A	0.58 1	- 0.015	0.002	6.80E -18	68934 5	BMI	0.011	77.854
rs4307239	7	24354300	G	A	0.45 8	0.012	0.002	3.90E -11	68728 9	BMI	0.007	45.761
rs4358081	2	29100642	C	A	0.46 3	0.010	0.002	1.50E -08	69003 8	BMI	0.005	32.557
rs4414033	1	15640685	A	G	0.62	0.013	0.002	1.40E	67269	BMI	0.008	51.361

		3			7			-12	7			
rs4430672	14	63094407	C	T	0.80	-	0.002	3.90E	69140	BMI	0.005	33.324
					0	0.013		-09	0			
rs4482463	2	20537590	A	C	0.92	-	0.003	2.80E	63541	BMI	0.016	100.607
		9			1	0.033		-23	4			
rs4495304	6	31080718	C	T	0.06	-	0.003	5.00E	77421	BMI	0.004	34.560
					7	0.019		-09	1			
rs4516268	17	1846831	A	C	0.19	-	0.002	5.20E	78661	BMI	0.014	106.778
					3	0.022		-25	7			
rs4518345	5	27185904	A	G	0.28	-	0.002	1.00E	68860	BMI	0.006	37.920
					4	0.012		-09	9			
rs4556997	2	10081485	A	C	0.13		0.002	6.90E	79297	BMI	0.008	67.377
		8			5	0.020		-17	2			
rs4589691	2	14405139	G	C	0.15		0.002	4.70E	68825	BMI	0.005	34.516
		8			8	0.014		-09	3			
rs4639527	2	416815	G	A	0.30		0.002	3.30E	69170	BMI	0.012	81.950
					1	0.017		-20	6			
rs4653017	1	33776728	T	C	0.68		0.002	4.50E	68637	BMI	0.007	45.938
					2	0.012		-11	8			

rs4660443	1	39591779	T	C	0.22 2	0.016	0.002	6.80E -15	68723 4	BMI	0.009	60.988
rs4740619	9	15634326	C	T	0.45 2	- 0.019	0.002	2.30E -30	79449 1	BMI	0.017	135.140
rs4757144	11	13331226	A	G	0.58 8	0.017	0.002	5.60E -22	69008 2	BMI	0.013	88.151
rs4783830	16	54255346	A	G	0.30 7	- 0.011	0.002	2.40E -08	67552 7	BMI	0.005	30.540
rs4786903	16	6697104	G	A	0.73 7	0.013	0.002	3.50E -10	68013 9	BMI	0.006	39.062
rs4800191	18	22461398	C	G	0.63 7	0.010	0.002	2.50E -09	78535 3	BMI	0.005	36.709
rs4813619	20	2815715	T	G	0.51 0	- 0.011	0.002	2.30E -09	62276 0	BMI	0.006	36.000
rs4818225	21	42629895	G	A	0.66 1	0.012	0.002	2.30E -10	68827 4	BMI	0.006	42.250
rs4820408	22	40604945	G	T	0.59 2	- 0.015	0.002	2.10E -19	79418 5	BMI	0.010	78.896
rs4842491	12	89905537	T	C	0.71	0.010	0.002	4.00E	79531	BMI	0.004	29.642

					4			-08	2			
rs4851029	2	10415978	G	T	0.52	0.012	0.002	1.70E	68975	BMI	0.007	50.661
		5			5			-12	2			
rs4858193	3	20441050	C	T	0.27	-	0.002	1.60E	68685	BMI	0.007	46.097
					8	0.013		-11	0			
rs486359	6	16077444	C	G	0.48	0.011	0.002	1.60E	77099	BMI	0.006	43.405
		1			5			-11	9			
rs4864201	4	13073128	C	T	0.64	-	0.002	1.50E	79526	BMI	0.009	68.792
		4			7	0.014		-16	3			
rs4880341	10	13399268	T	C	0.56	-	0.002	1.10E	68901	BMI	0.007	48.180
		9			1	0.012		-11	2			
rs4906908	15	27040082	G	T	0.52	0.010	0.002	2.50E	69134	BMI	0.005	36.709
					5			-09	5			
rs491711	11	28742220	C	A	0.31	-	0.002	1.10E	68511	BMI	0.005	36.634
					6	0.012		-09	3			
rs4929923	11	8639200	C	T	0.63	0.018	0.002	7.20E	79493	BMI	0.014	113.360
					8			-27	3			
rs4936175	11	13264195	C	T	0.44	0.012	0.002	1.40E	69256	BMI	0.007	51.502
		9			5			-12	9			

rs4937870	11	112826709	G	A	0.317	-0.011	0.002	8.80E-09	683154	BMI	0.005	32.911
rs4952843	2	46957845	G	A	0.381	-0.013	0.002	6.80E-14	692482	BMI	0.008	52.966
rs4954638	2	137435455	C	A	0.249	-0.012	0.002	2.90E-09	689971	BMI	0.005	34.810
rs4968656	17	61616959	G	A	0.322	0.012	0.002	8.20E-10	675153	BMI	0.006	37.274
rs4981693	14	29680331	A	G	0.771	0.021	0.002	6.90E-24	689120	BMI	0.015	106.090
rs4986044	17	21261560	T	C	0.469	-0.016	0.002	3.30E-23	787219	BMI	0.013	105.062
rs538579	3	62711674	C	G	0.323	0.014	0.002	1.30E-13	688452	BMI	0.008	51.992
rs543874	1	177889480	G	A	0.195	0.048	0.002	1.20E-122	795504	BMI	0.071	564.061
rs559231	18	39644247	T	G	0.396	0.014	0.002	2.40E-14	685154	BMI	0.008	56.250
rs577525	10	99769388	C	T	0.56	0.017	0.002	9.70E	69061	BMI	0.014	95.349

					8			-22	6			
rs592483	11	69445173	T	C	0.57	-	0.002	2.00E	78187	BMI	0.010	74.771
					2	0.015		-18	1			
rs6011457	20	61530915	A	T	0.49	-	0.002	2.70E	69069	BMI	0.007	46.560
					8	0.012		-11	2			
rs6050446	20	25195509	G	A	0.97		0.005	4.40E	76628	BMI	0.007	53.259
					0	0.034		-13	7			
rs6235	5	95728898	G	C	0.27		0.002	1.50E	69170	BMI	0.012	84.834
					0	0.018		-19	8			
rs6265	11	27679916	T	C	0.19	-	0.002	1.00E	79545	BMI	0.048	384.906
					5	0.041		-86	8			
rs6443750	3	18132968	C	T	0.80		0.002	3.20E	77683	BMI	0.006	49.669
		2			7	0.015		-12	7			
rs6448587	4	28561990	C	A	0.18	-	0.002	2.30E	69109	BMI	0.008	52.720
					9	0.017		-13	7			
rs645040	3	13592662	T	G	0.77		0.002	2.50E	79557	BMI	0.009	73.102
		2			6	0.017		-18	9			
rs6461115	7	2103668	G	A	0.22	-	0.002	1.20E	79173	BMI	0.007	57.440
					9	0.014		-13	5			

rs6471941	8	62117973	A	G	0.16 8	0.016	0.002	3.10E -13	79398 6	BMI	0.007	55.184
rs6500208	16	49011249	A	G	0.20 1	0.014	0.002	4.10E -12	78193 1	BMI	0.006	49.000
rs6512302	20	62691550	C	G	0.75 1	0.014	0.002	2.10E -12	68605 3	BMI	0.007	50.410
rs6545714	2	59307725	A	G	0.61 4	- 0.019	0.002	9.10E -31	79336 8	BMI	0.016	126.232
rs6556301	5	17652757 7	T	G	0.36 0	- 0.011	0.002	4.10E -10	73474 4	BMI	0.005	38.028
rs6561943	13	58356761	T	C	0.26 0	0.012	0.002	4.20E -10	79395 1	BMI	0.005	39.227
rs657452	1	49589847	G	A	0.62 2	- 0.019	0.002	7.20E -29	76784 6	BMI	0.016	122.297
rs6587552	1	15101886 1	G	A	0.75 9	- 0.017	0.002	1.60E -17	68972 3	BMI	0.011	74.822
rs6591407	11	56914157	A	C	0.18 6	- 0.012	0.002	1.90E -08	79424 6	BMI	0.004	31.574
rs6593688	1	96322205	G	A	0.37	0.014	0.002	8.60E	69177	BMI	0.008	57.929

rs6595205	5	11937253 3	G	C	0.53 1	- 0.011	0.002	2.00E -12	79452 5	BMI	0.006	50.765
rs663129	18	57838401	A	G	0.23 0	0.055	0.002	1.60E -178	78894 8	BMI	0.104	822.782
rs6673081	1	15498959 5	C	T	0.55 3	- 0.010	0.002	1.80E -08	67781 8	BMI	0.005	30.864
rs6692586	1	23299906	G	A	0.83 2	- 0.019	0.002	1.10E -16	69092 1	BMI	0.010	69.686
rs6712	22	50637922	C	G	0.13 7	0.014	0.003	4.40E -08	68846 9	BMI	0.004	30.470
rs6764533	3	19608846 4	A	G	0.35 9	0.012	0.002	1.40E -10	69083 2	BMI	0.006	41.531
rs6772756	3	18231215 2	G	A	0.33 7	- 0.010	0.002	4.00E -08	68170 9	BMI	0.004	29.961
rs6785245	3	82647990	C	T	0.39 7	0.013	0.002	4.00E -14	69225 0	BMI	0.009	60.290
rs6804842	3	25106437	G	A	0.57 2	0.016	0.002	3.60E -21	78917 9	BMI	0.011	84.207

		5			2	0.015		-19	9			
rs7102454	11	65594820	C	T	0.34	0.016	0.002	2.40E	69113	BMI	0.011	77.049
					4			-18	4			
rs7117238	11	78040259	A	G	0.16	-	0.002	2.50E	78887	BMI	0.004	35.457
					8	0.013		-09	9			
rs7124681	11	47529947	A	C	0.41	0.026	0.002	3.20E	79547	BMI	0.034	270.191
					3			-58	4			
rs7138803	12	50247468	A	G	0.37	0.030	0.002	2.30E	79558	BMI	0.039	311.418
					7			-71	8			
rs7144011	14	79940383	T	G	0.21	0.028	0.002	5.20E	79411	BMI	0.025	198.809
					4			-47	7			
rs7148846	14	40133821	G	T	0.19	0.012	0.002	2.20E	68794	BMI	0.005	31.769
					0			-08	0			
rs7172627	15	31877690	G	A	0.47	0.012	0.002	1.10E	69045	BMI	0.007	47.367
					2			-11	8			
rs7181498	15	95271404	C	T	0.63	-	0.002	1.00E	69098	BMI	0.012	82.003
					1	0.016		-19	0			
rs7196720	16	24534662	C	T	0.50	-	0.002	7.30E	68986	BMI	0.008	57.581
					7	0.013		-14	3			

rs7206608	16	82872628	G	C	0.31 5	0.013	0.002	1.30E -12	68905 8	BMI	0.007	48.266
rs7222349	17	42304644	A	G	0.34 4	0.012	0.002	3.30E -10	69221 5	BMI	0.006	40.818
rs7239575	18	21120035	C	T	0.48 3	- 0.020	0.002	7.40E -32	69231 3	BMI	0.020	141.190
rs7318817	13	28617708	T	C	0.60 7	- 0.016	0.002	2.70E -18	69191 7	BMI	0.011	74.151
rs7334078	13	99120484	C	T	0.28 8	- 0.012	0.002	2.20E -10	68837 4	BMI	0.006	40.557
rs7358465	11	89990280	T	C	0.67 8	0.010	0.002	3.00E -08	68693 5	BMI	0.004	29.388
rs7488867	12	10369968 5	T	C	0.26 4	- 0.020	0.002	8.40E -24	63574 6	BMI	0.016	104.040
rs7498665	16	28883241	G	A	0.40 4	0.027	0.002	5.60E -60	79029 9	BMI	0.032	254.120
rs7519259	1	66434743	A	G	0.53 6	0.013	0.002	3.80E -13	68136 2	BMI	0.008	54.066
rs7535528	1	2444414	A	G	0.37	-	0.002	1.40E	63286	BMI	0.011	71.308

					4	0.015			-16	8			
rs754635	3	42305131	G	C	0.88			2.20E	69034				
					7	0.020	0.003		-13	6	BMI	0.008	53.778
rs7550711	1	11008288	T	C	0.03			3.20E	76918				
		6			1	0.065	0.005		-38	4	BMI	0.022	168.480
rs7551507	1	74995225	T	C	0.56	-		9.30E	79457				
					3	0.018	0.002		-30	9	BMI	0.017	132.250
rs7557796	2	86766153	C	T	0.65	-		2.30E	69241				
					2	0.016	0.002		-19	4	BMI	0.011	79.012
rs756717	16	72996162	A	G	0.39	-		5.40E	77197				
					7	0.015	0.002		-18	6	BMI	0.010	75.792
rs7599312	2	21341323	A	G	0.26	-		6.90E	78082				
		1			5	0.019	0.002		-24	3	BMI	0.012	95.834
rs7615297	3	15629931	G	C	0.14	-		5.70E	68971				
		3			7	0.015	0.002		-10	0	BMI	0.006	38.543
rs7626079	3	66427259	T	C	0.34			1.60E	69257				
					3	0.011	0.002		-09	1	BMI	0.005	37.346
rs7637852	3	44041777	G	A	0.69	-		1.70E	69181				
					5	0.014	0.002		-13	5	BMI	0.008	53.521

rs7640424	3	10782006 3	T	C	0.29 7	- 0.014	0.002	2.30E -14	79061 2	BMI	0.007	57.086
rs765875	6	14318568 3	T	C	0.48 1	- 0.012	0.002	3.00E -12	69096 1	BMI	0.007	50.661
rs7683836	4	18016790 6	A	G	0.54 1	- 0.011	0.002	6.30E -11	68696 8	BMI	0.007	44.969
rs7685048	4	95027784	T	C	0.46 5	- 0.010	0.002	4.10E -09	69239 8	BMI	0.005	35.297
rs768840	14	73143457	A	G	0.41 8	0.011	0.002	2.00E -10	67748 5	BMI	0.006	40.111
rs769449	19	45410002	A	G	0.11 6	- 0.025	0.003	2.30E -20	56685 7	BMI	0.016	88.499
rs7694732	4	11512408 9	G	A	0.43 8	- 0.010	0.002	8.70E -09	69062 2	BMI	0.005	33.913
rs7703576	5	14454399 6	C	T	0.28 9	0.010	0.002	4.80E -08	69081 8	BMI	0.004	29.388
rs7704281	5	50591460	A	G	0.04 5	0.027	0.004	6.50E -11	78858 5	BMI	0.006	43.689
rs7715256	5	15353789	T	G	0.57	-	0.002	2.20E	79530	BMI	0.014	107.640

		3			8	0.017		-24	2			
rs7724675	5	13044001	A	G	0.22	-	0.002	9.50E	69196	BMI	0.005	32.111
		0			4	0.012		-09	8			
rs7730004	5	43191033	T	C	0.66		0.002	9.10E	69016	BMI	0.010	67.605
					9	0.015		-16	4			
rs7730898	5	17045967	A	G	0.72		0.002	4.50E	79297	BMI	0.011	87.111
		5			9	0.017		-20	5			
rs774246	7	26990816	G	A	0.14		0.003	5.40E	69081	BMI	0.005	37.454
					4	0.015		-10	8			
rs7761673	6	70357368	A	T	0.20	-	0.002	1.90E	69171	BMI	0.005	36.000
					6	0.013		-09	6			
rs7780752	7	93241640	C	T	0.36		0.002	1.00E	69083	BMI	0.009	59.633
					0	0.014		-14	0			
rs7788008	7	11297248	A	G	0.44	-	0.002	1.10E	69041	BMI	0.012	85.290
		3			5	0.016		-19	0			
rs7811342	7	13879461	C	T	0.10	-	0.003	1.10E	67626	BMI	0.007	46.146
		8			6	0.020		-11	5			
rs7819514	8	93204442	A	G	0.32	-	0.002	5.70E	68495	BMI	0.005	35.336
					2	0.011		-09	5			

rs7826312	8	32400115	C	T	0.58 8	0.010	0.002	4.90E -10	78534 3	BMI	0.005	37.426
rs7844647	8	34503776	C	T	0.26 8	- 0.012	0.002	2.80E -11	79370 3	BMI	0.006	46.694
rs7869771	9	94180627	C	A	0.26 5	- 0.014	0.002	4.90E -13	67943 6	BMI	0.008	54.293
rs7871866	9	13102798 2	C	G	0.15 3	0.019	0.002	2.30E -14	68349 4	BMI	0.009	60.710
rs7899106	10	87410904	G	A	0.04 8	0.033	0.004	1.00E -18	79368 9	BMI	0.010	80.030
rs7903146	10	11475834 9	T	C	0.29 1	- 0.018	0.002	1.30E -23	79562 4	BMI	0.013	101.114
rs7925214	11	13079425 3	T	C	0.51 3	0.015	0.002	4.40E -17	67760 3	BMI	0.010	66.694
rs7970953	12	24075508	A	G	0.29 0	0.014	0.002	9.80E -14	78841 7	BMI	0.007	56.250
rs7983065	13	33380786	T	C	0.45 0	- 0.015	0.002	8.90E -18	69092 4	BMI	0.011	75.792
rs7998796	13	81020036	G	A	0.33	0.011	0.002	1.10E	68943	BMI	0.005	34.028

					7			-08	0			
rs8027205	15	98280959	G	C	0.39	-	0.002	1.40E	68572	BMI	0.005	36.000
					7	0.011		-09	5			
rs8036040	15	36402716	A	C	0.49		0.002	2.70E	69106	BMI	0.006	41.111
					3	0.011		-10	8			
rs8047395	16	53798523	A	G	0.50		0.002	1.00E	78885	BMI	0.180	1426.16
					6	0.064		-200	6			9
rs8071182	17	55336155	A	G	0.17		0.002	2.10E	77143	BMI	0.005	36.547
					4	0.013		-09	7			
rs8097672	18	1839601	T	A	0.15		0.003	8.40E	68606	BMI	0.009	64.000
					3	0.020		-16	3			
rs8097783	18	58051294	A	G	0.07	-	0.003	7.20E	79540	BMI	0.020	157.462
					6	0.039		-36	8			
rs8123881	20	15819495	G	A	0.13		0.002	4.40E	79301	BMI	0.008	66.694
					0	0.020		-16	8			
rs8181823	13	65477940	C	A	0.76		0.002	4.10E	69134	BMI	0.006	40.322
					1	0.013		-10	5			
rs818524	1	85201228	C	T	0.69		0.002	3.40E	67007	BMI	0.005	31.125
					4	0.011		-08	8			

rs8192675	3	17072488 3	C	T	0.28 9	0.015	0.002	1.40E -17	79551 5	BMI	0.009	71.308
rs825688	16	73595718	T	C	0.45 6	- 0.010	0.002	4.70E -08	68614 4	BMI	0.005	31.228
rs845084	10	12522003 6	A	G	0.26 8	0.014	0.002	1.30E -12	68541 3	BMI	0.007	49.000
rs852056	20	17102860	C	T	0.75 8	- 0.013	0.002	1.80E -10	69187 4	BMI	0.006	40.960
rs865809	3	18399773 5	G	A	0.76 8	- 0.013	0.002	5.40E -10	68918 6	BMI	0.006	40.322
rs872281	14	40834177	T	C	0.17 3	- 0.015	0.002	4.70E -11	68531 0	BMI	0.006	43.102
rs876605	5	77801359	G	A	0.73 5	- 0.011	0.002	3.40E -08	69258 6	BMI	0.004	29.160
rs879620	16	4015729	T	C	0.61 8	0.023	0.002	5.30E -38	68837 7	BMI	0.024	164.694
rs889398	16	69556715	T	C	0.42 5	- 0.020	0.002	1.30E -32	78969 4	BMI	0.019	150.062
rs895330	19	4060707	G	C	0.19	-	0.002	5.50E	68427	BMI	0.011	76.372

					2	0.020		-19	1			
rs901630	6	98539519	T	C	0.39	-	0.002	1.90E	79459	BMI	0.009	73.758
					7	0.015		-18	7			
rs902695	2	11395507	A	G	0.48	-	0.002	2.20E	67863	BMI	0.005	36.709
		4			0	0.010		-09	5			
rs9294260	6	83433228	A	G	0.47	-	0.002	1.80E	78353	BMI	0.011	84.410
					3	0.015		-19	3			
rs9300422	13	98223320	G	A	0.69	-	0.002	4.00E	79501	BMI	0.004	32.744
					0	0.010		-09	1			
rs930295	2	50233352	C	A	0.84	-	0.002	1.00E	69052	BMI	0.012	84.160
					2	0.021		-19	2			
rs9304665	19	47602577	A	T	0.76	-	0.002	2.90E	68947	BMI	0.019	131.102
					3	0.023		-29	0			
rs934224	2	16613889	T	C	0.74	-	0.002	4.70E	69256	BMI	0.004	28.622
					0	0.011		-08	8			
rs9362662	6	90296588	G	A	0.52	-	0.002	1.20E	68395	BMI	0.006	43.405
					0	0.011		-10	3			
rs9367368	6	13189275	C	T	0.30	-	0.002	1.00E	78672	BMI	0.006	45.188
					3	0.012		-11	3			

rs962273	17	46978353	C	T	0.70	0.014	0.002	-10	4	BMI	0.008	51.992
					6			-13	4			
rs9650755	9	96484342	G	A	0.26	0.015	0.002	2.80E	69118	BMI	0.009	59.290
					6			-15	3			
rs9688431	6	73922654	C	T	0.06	-	0.004	2.40E	78935	BMI	0.006	43.560
					0	0.023		-11	6			
rs977747	1	47684677	G	T	0.59	-	0.002	1.30E	79354	BMI	0.012	98.827
					5	0.017		-24	6			
rs9783858	18	42534584	T	C	0.51	0.009	0.002	3.30E	77087	BMI	0.004	28.654
					9			-08	4			
rs9806742	15	73051219	A	G	0.88	0.021	0.003	1.40E	69250	BMI	0.009	64.000
					3			-15	9			
rs9816226	3	18583449	T	A	0.82	0.032	0.002	1.60E	77833	BMI	0.030	236.573
		9			0			-52	3			
rs9845966	3	13433158	G	T	0.54	-	0.002	2.50E	77807	BMI	0.005	38.149
					8	0.011		-10	6			
rs987237	6	50803050	G	A	0.18	0.041	0.002	9.30E	79561	BMI	0.048	379.321
					0			-84	2			

rs9926784	16	19941968	C	T	0.18	-	0.002	9.90E	78961	BMI	0.019	150.938
					2	0.026		-35	7			
rs9927848	16	23833071	A	C	0.73	-	0.002	6.40E	68706	BMI	0.005	37.210
					3	0.012		-10	0			
rs9951619	18	56882326	G	T	0.76		0.002	1.40E	77264	BMI	0.008	60.840
					4	0.016		-15	3			
rs998732	19	19378671	G	A	0.15	-	0.002	2.00E	79385	BMI	0.008	60.415
					8	0.017		-14	2			
rs9989141	14	94006257	T	C	0.63		0.002	3.60E	75276	BMI	0.012	90.809
					9	0.016		-21	8			
rs999889	10	84279949	A	G	0.28	-	0.002	1.40E	69057	BMI	0.005	32.310
					2	0.011		-08	2			
rs10100245	8	77226919	A	G	0.56		0.002	1.93E	33111	BF	0.018	58.604
					6	0.014		-14	7			
rs1013293	1	62570321	A	G	0.43	-	0.002	3.24E	33111	BF	0.016	53.064
					3	0.014		-13	7			
rs10209821	2	22898035	T	C	0.34		0.002	2.05E	33111	BF	0.014	44.928
		8			1	0.013		-11	7			
rs10259620	7	27202289	G	A	0.78	-	0.002	6.24E	33111	BF	0.014	47.255

					7	0.016			-12	7			
rs10278040	7	99141373	A	G	0.06	-	0.004	1.31E	33111	BF	0.011	36.806	
					1	0.024			-09	7			
rs10423928	19	46182304	A	T	0.19	-	0.002	7.47E	33111	BF	0.028	92.307	
					3	0.023			-22	7			
rs10499014	6	97947755	G	C	0.26	-	0.002	1.61E	33111	BF	0.012	40.893	
					8	0.014			-10	7			
rs1056441	20	62370349	C	T	0.67	-	0.002	8.69E	33111	BF	0.014	46.606	
					3	0.014			-12	7			
rs10756798	9	16739763	T	C	0.64	-	0.002	2.65E	33111	BF	0.019	62.520	
					5	0.015			-15	7			
rs10766077	11	13349781	A	G	0.36	-	0.002	2.99E	33111	BF	0.012	39.683	
					5	0.012			-10	7			
rs10774018	12	2157925	C	G	0.21	-	0.002	1.81E	33111	BF	0.010	31.694	
					8	0.013			-08	7			
rs10830566	11	90473957	G	A	0.27	-	0.002	2.04E	33111	BF	0.010	31.454	
					8	0.012			-08	7			
rs10848835	12	3341510	C	G	0.09	-	0.003	3.09E	33111	BF	0.015	48.637	
					7	0.022			-12	7			

rs10854853	22	48874412	T	G	0.45 8	0.010	0.002	3.01E -08	33111 7	BF	0.009	30.699
rs10883026	10	99793865	T	C	0.52 0	- 0.013	0.002	6.05E -12	33111 7	BF	0.014	47.317
rs10887578	10	88096047	C	G	0.50 2	0.012	0.002	7.42E -10	33111 7	BF	0.011	37.910
rs10938397	4	45182527	G	A	0.43 4	0.019	0.002	5.59E -25	33111 7	BF	0.032	106.568
rs10947793	6	12142817	G	A	0.37 4	- 0.012	0.002	1.38E -09	33111 7	BF	0.011	36.702
rs10954772	8	30863938	C	T	0.68 6	- 0.013	0.002	2.82E -11	33111 7	BF	0.013	44.303
rs10999460	10	72428283	T	C	0.26 6	0.017	0.002	2.01E -15	33111 7	BF	0.019	63.061
rs11012732	10	21830104	G	A	0.33 1	0.018	0.002	1.04E -19	33111 7	BF	0.025	82.544
rs11030016	11	27487992	T	C	0.74 1	0.012	0.002	1.93E -08	33111 7	BF	0.010	31.568
rs11042030	11	8690718	C	T	0.27	-	0.002	4.24E	33111	BF	0.013	43.501

					4	0.014		-11	7			
rs11079849	17	47090785	T	C	0.32	-	0.002	2.38E	33111	BF	0.014	44.634
					7	0.013		-11	7			
rs11150745	17	78757626	G	A	0.31	-	0.002	1.22E	33111	BF	0.013	41.442
					9	0.013		-10	7			
rs11174328	6	12704823	T	C	0.22		0.002	3.32E	33111	BF	0.015	48.490
5		0			2	0.016		-12	7			
rs11208779	1	66417145	C	G	0.53		0.002	4.89E	33111	BF	0.010	34.233
					2	0.011		-09	7			
rs11245344	10	12641878	T	C	0.57		0.002	1.14E	33111	BF	0.010	32.595
		2			0	0.011		-08	7			
rs11323000	19	18460956	A	G	0.26	-	0.002	2.00E	33111	BF	0.015	49.483
3					0	0.015		-12	7			
rs11471283	3	84139974	T	C	0.06	-	0.004	2.26E	33111	BF	0.012	40.232
3					7	0.024		-10	7			
rs11642015	16	53802494	T	C	0.40		0.002	3.10E	33111	BF	0.131	433.584
					2	0.040		-96	7			
rs11685627	2	12147104	A	G	0.48	-	0.002	3.50E	33111	BF	0.009	30.409
		6			5	0.010		-08	7			

rs11742930	5	105774098	T	C	0.566	0.011	0.002	7.75E-09	331117	BF	0.010	33.339
rs117632017	15	52260107	A	G	0.039	0.029	0.005	1.04E-08	331117	BF	0.010	32.774
rs11782341	8	4813459	G	A	0.189	0.015	0.002	4.58E-10	331117	BF	0.012	38.852
rs11786089	8	21975521	G	A	0.457	0.012	0.002	3.42E-10	331117	BF	0.012	39.420
rs11790018	9	129702842	G	C	0.369	-	0.002	3.22E-08	331117	BF	0.009	30.571
rs11852419	15	41456374	T	A	0.262	0.013	0.002	3.45E-09	331117	BF	0.011	34.913
rs11856579	15	78012688	A	G	0.268	-	0.002	2.14E-09	331117	BF	0.011	35.845
rs11866219	16	69549749	C	A	0.584	-	0.002	7.41E-19	331117	BF	0.024	78.660
rs11873650	18	13163903	G	A	0.297	0.012	0.002	6.19E-09	331117	BF	0.010	33.777
rs11943456	4	56276334	C	T	0.46	0.013	0.002	5.74E	331117	BF	0.014	47.421

					2			-12	7			
rs12037698	1	24358434	A	G	0.14	-	0.003	2.86E	33111	BF	0.012	39.767
		5			2	0.017		-10	7			
rs12049202	1	77967523	T	C	0.19	0.016	0.002	3.78E	33111	BF	0.015	48.240
					9			-12	7			
rs1218822	13	28011963	A	G	0.66	0.012	0.002	2.50E	33111	BF	0.011	35.542
					2			-09	7			
rs12339822	9	92187178	G	A	0.54	0.014	0.002	5.97E	33111	BF	0.017	56.385
					3			-14	7			
rs12367809	12	50256063	T	C	0.36	0.019	0.002	1.13E	33111	BF	0.029	96.042
					8			-22	7			
rs12477385	2	16614485	T	G	0.22	-	0.002	4.11E	33111	BF	0.010	34.570
		0			7	0.013		-09	7			
rs12583872	13	86352708	C	A	0.31	-	0.002	2.83E	33111	BF	0.009	30.822
					0	0.011		-08	7			
rs12619178	2	10083815	T	C	0.40	-	0.002	1.37E	33111	BF	0.012	41.206
		7			3	0.012		-10	7			
rs12622267	2	18156800	G	A	0.36	-	0.002	9.35E	33111	BF	0.013	41.955
		7			7	0.013		-11	7			

rs12679106	8	73443198	T	G	0.71	-	0.002	9.33E	33111	BF	0.021	69.113
					1	0.017		-17	7			
rs12724928	1	11312893	C	T	0.20	-	0.002	1.02E	33111	BF	0.011	37.293
		1			5	0.014		-09	7			
rs12890931	14	69753369	G	T	0.36	0.012	0.002	6.14E	33111	BF	0.012	38.277
					3			-10	7			
rs13062093	3	35667057	G	T	0.36	0.013	0.002	2.74E	33111	BF	0.013	44.360
					6			-11	7			
rs13062660	3	70656304	C	T	0.33	0.011	0.002	1.68E	33111	BF	0.010	31.832
					9			-08	7			
rs13109830	4	83208957	G	A	0.45	-	0.002	2.60E	33111	BF	0.011	35.461
					9	0.011		-09	7			
rs13135092	4	10319808	G	A	0.08	0.036	0.003	1.10E	33111	BF	0.035	114.352
		2			3			-26	7			
rs13174863	5	13908074	G	A	0.14	0.016	0.003	2.80E	33111	BF	0.011	35.321
		5			8			-09	7			
rs136308	22	31176281	T	C	0.20	0.013	0.002	3.88E	33111	BF	0.009	30.208
					4			-08	7			
rs1441264	13	79580919	A	G	0.59	0.013	0.002	4.91E	33111	BF	0.013	43.217

					2			-11	7			
rs1454687	3	94038085	G	C	0.51	-	0.002	7.98E	33111			
					5	0.016		-17	7	BF	0.021	69.422
rs1460940	1	72814617	A	G	0.80		0.002	2.81E	33111			
					2	0.020		-18	7	BF	0.023	76.025
rs1486921	8	78876126	T	C	0.29	-	0.002	3.17E	33111			
					7	0.011		-08	7	BF	0.009	30.603
rs1503526	5	63020706	C	T	0.47		0.002	6.19E	33111			
					9	0.012		-11	7	BF	0.013	42.761
rs1538742	1	21966825	A	C	0.57	-	0.002	9.23E	33111			
		2			0	0.019		-25	7	BF	0.032	105.571
rs1568489	3	15367368	G	A	0.57		0.002	1.02E	33111			
		1			4	0.012		-09	7	BF	0.011	37.295
rs16934748	10	33970319	C	T	0.15		0.003	3.11E	33111			
					2	0.014		-08	7	BF	0.009	30.640
rs16951304	15	68089618	C	T	0.20	-	0.002	9.49E	33111			
					7	0.020		-19	7	BF	0.024	78.171
rs1701820	7	11295348	A	G	0.55	-	0.002	2.49E	33111			
		0			1	0.011		-09	7	BF	0.011	35.551

rs17024393	1	110154688	C	T	0.026	0.045	0.006	1.17E-14	331117	BF	0.018	59.586
rs1724557	4	137094048	A	C	0.588	-0.012	0.002	3.37E-10	331117	BF	0.012	39.450
rs17265513	20	39832628	C	T	0.200	0.014	0.002	1.85E-09	331117	BF	0.011	36.123
rs17296856	15	84557450	C	A	0.282	-0.020	0.002	5.13E-23	331117	BF	0.030	97.612
rs17704028	7	95140031	T	C	0.147	-0.014	0.003	4.29E-08	331117	BF	0.009	30.015
rs17770336	9	28414625	T	C	0.324	0.016	0.002	2.81E-15	331117	BF	0.019	62.398
rs1783541	11	65294799	T	C	0.218	0.013	0.002	2.29E-08	331117	BF	0.009	31.236
rs1881505	11	1483177	C	T	0.942	-0.023	0.004	2.22E-08	331117	BF	0.009	31.291
rs1927626	9	16587758	T	C	0.936	0.025	0.004	7.51E-11	331117	BF	0.013	42.384
rs1928185	6	50935513	C	T	0.16	0.023	0.002	1.35E	331117	BF	0.026	86.574

					8			-20	7			
rs1928496	13	31012904	T	C	0.74	0.013	0.002	3.11E	33111	BF	0.012	39.609
					2			-10	7			
rs2002023	10	76848524	T	C	0.40	0.012	0.002	5.42E	33111	BF	0.012	38.523
					8			-10	7			
rs2003476	19	18806668	C	T	0.40	-	0.002	1.23E	33111	BF	0.014	45.921
					7	0.013		-11	7			
rs2038646	1	96940371	G	C	0.59	0.014	0.002	1.24E	33111	BF	0.017	54.948
					9			-13	7			
rs2042864	3	14117897	C	T	0.40	0.012	0.002	6.65E	33111	BF	0.013	42.622
		9			4			-11	7			
rs2052607	18	40788387	A	G	0.34	-	0.002	3.95E	33111	BF	0.017	57.199
					5	0.015		-14	7			
rs2112347	5	75015242	G	T	0.35	-	0.002	6.07E	33111	BF	0.024	79.055
					9	0.017		-19	7			
rs2124499	3	12309354	C	G	0.36	-	0.002	3.54E	33111	BF	0.013	43.857
		1			9	0.013		-11	7			
rs215614	7	32347335	A	G	0.62	-	0.002	1.99E	33111	BF	0.011	35.981
					8	0.012		-09	7			

rs2172131	10	13397896 2	C	T	0.58 1	- 0.013	0.002	1.52E -11	33111 7	BF	0.014	45.507
rs2178899	6	31606756	T	A	0.13 0	- 0.021	0.003	9.55E -14	33111 7	BF	0.017	55.463
rs2192527	4	18329824	G	A	0.46 5	0.014	0.002	1.66E -13	33111 7	BF	0.016	54.376
rs2239647	14	33292743	C	A	0.55 2	- 0.013	0.002	2.05E -11	33111 7	BF	0.014	44.922
rs2281819	6	33771673	A	T	0.22 9	- 0.014	0.002	1.15E -09	33111 7	BF	0.011	37.053
rs2306593	17	34866546	T	C	0.48 9	- 0.012	0.002	2.98E -11	33111 7	BF	0.013	44.192
rs2318543	4	67803263	G	A	0.78 2	- 0.014	0.002	1.62E -09	33111 7	BF	0.011	36.382
rs2370982	14	79890677	T	C	0.21 5	0.020	0.002	2.95E -18	33111 7	BF	0.023	75.930
rs2371767	3	64718258	C	G	0.27 3	0.013	0.002	1.14E -10	33111 7	BF	0.013	41.561
rs2398861	9	96430747	G	A	0.25	0.012	0.002	7.31E	33111	BF	0.010	33.451

					7			-09	7			
rs241459	1	49757268	C	A	0.68	-	0.002	3.86E	33111	BF	0.017	57.244
					0	0.015		-14	7			
rs2415142	15	73431600	G	T	0.55		0.002	6.83E	33111	BF	0.016	51.597
					0	0.013		-13	7			
rs2436772	2	47283557	A	G	0.20	-	0.002	1.11E	33111	BF	0.013	41.626
					9	0.015		-10	7			
rs245775	5	17053210	G	A	0.72		0.002	1.97E	33111	BF	0.015	49.520
		5			9	0.015		-12	7			
rs2487585	1	42787805	G	A	0.75		0.002	2.16E	33111	BF	0.010	31.343
					5	0.012		-08	7			
rs2499468	6	51809081	A	C	0.65		0.002	3.49E	33111	BF	0.009	30.414
					3	0.011		-08	7			
rs2606228	3	18353775	C	A	0.64	-	0.002	4.87E	33111	BF	0.012	38.730
		9			3	0.012		-10	7			
rs2660241	16	4940023	C	T	0.36		0.002	2.24E	33111	BF	0.011	35.758
					3	0.012		-09	7			
rs2678204	1	20180051	G	T	0.34		0.002	3.68E	33111	BF	0.020	66.409
		1			2	0.016		-16	7			

rs2702123	2	24562699	C	T	0.08	-	0.003	1.16E	33111	BF	0.010	32.562
					5	0.019		-08	7			
rs28483178	19	33977206	G	C	0.30	0.018	0.002	2.36E	33111	BF	0.024	80.921
					3			-19	7			
rs2861685	2	67837553	C	T	0.41	-	0.002	2.18E	33111	BF	0.012	40.300
					1	0.012		-10	7			
rs2867131	2	610603	C	T	0.83	0.026	0.002	6.05E	33111	BF	0.032	106.409
					0			-25	7			
rs28726372	1	84353839	C	T	0.30	0.012	0.002	3.04E	33111	BF	0.011	35.159
					8			-09	7			
rs2914231	5	15801143	C	G	0.23	-	0.002	8.30E	33111	BF	0.017	55.737
		5			4	0.017		-14	7			
rs2954033	8	12649374	G	A	0.69	0.012	0.002	4.84E	33111	BF	0.010	34.254
		6			7			-09	7			
rs2984618	1	47690438	T	G	0.41	0.011	0.002	2.70E	33111	BF	0.011	35.388
					7			-09	7			
rs301806	1	8482078	T	C	0.58	0.012	0.002	2.20E	33111	BF	0.012	40.287
					4			-10	7			
rs34045288	6	40369081	T	C	0.33	0.016	0.002	3.69E	33111	BF	0.019	61.865

					6			-15	7			
rs34417222	20	47450063	T	C	0.31	-	0.002	2.23E	33111			
					0	0.013		-10	7	BF	0.012	40.255
rs34483452	5	87986314	A	C	0.13		0.003	4.54E	33111			
					5	0.024		-18	7	BF	0.023	75.079
rs35060985	11	43693110	A	G	0.31		0.002	7.84E	33111			
					7	0.017		-18	7	BF	0.022	74.001
rs35882248	2	23062795	T	C	0.31		0.002	3.12E	33111			
		5			5	0.016		-16	7	BF	0.020	66.730
rs3736896	6	34735883	C	T	0.20		0.002	1.78E	33111			
					5	0.024		-25	7	BF	0.033	108.834
rs3764002	12	10861863	T	C	0.26	-	0.002	1.36E	33111			
		0			1	0.018		-16	7	BF	0.021	68.368
rs3766823	1	32197257	A	G	0.17		0.002	8.17E	33111			
					2	0.016		-11	7	BF	0.013	42.219
rs3817428	15	89415247	G	C	0.26	-	0.002	4.28E	33111			
					7	0.016		-15	7	BF	0.019	61.573
rs40071	5	10749610	C	T	0.17	-	0.002	3.74E	33111			
		2			9	0.016		-11	7	BF	0.013	43.748

rs4284389	11	10075215	T	C	0.49 9	0.012	0.002	1.83E -10	33111 7	BF	0.012	40.642
rs429358	19	45411941	C	T	0.15 6	- 0.018	0.003	3.74E -12	33111 7	BF	0.015	48.262
rs4450871	4	4990298	G	A	0.44 1	0.011	0.002	5.73E -09	33111 7	BF	0.010	33.927
rs4503172	9	12464084 1	T	C	0.60 8	- 0.011	0.002	5.63E -09	33111 7	BF	0.010	33.960
rs4547132	11	11283281 3	T	C	0.26 7	- 0.013	0.002	2.09E -10	33111 7	BF	0.012	40.385
rs4547574	2	48541003	T	A	0.22 6	- 0.012	0.002	2.40E -08	33111 7	BF	0.009	31.140
rs4549685	7	39326478	T	C	0.33 0	- 0.013	0.002	1.57E -11	33111 7	BF	0.014	45.447
rs4657796	1	19505293 7	C	T	0.37 7	- 0.012	0.002	2.06E -10	33111 7	BF	0.012	40.407
rs4690324	4	960081	A	G	0.82 2	- 0.015	0.002	2.64E -09	33111 7	BF	0.011	35.434
rs4709745	6	16410598	C	T	0.30	0.011	0.002	3.53E	33111	BF	0.009	30.394

		4			5			-08	7			
rs4718964	7	70038969	T	G	0.41	0.013	0.002	4.07E	33111	BF	0.015	48.095
					2			-12	7			
rs4759318	12	54420098	T	C	0.36	0.012	0.002	3.52E	33111	BF	0.012	39.362
					2			-10	7			
rs479018	11	66060546	A	G	0.33	-	0.002	1.15E	33111	BF	0.017	55.090
					3	0.015		-13	7			
rs4821764	22	38599364	A	G	0.58	-	0.002	9.42E	33111	BF	0.022	73.638
					1	0.016		-18	7			
rs4864201	4	13073128	C	T	0.65	-	0.002	8.56E	33111	BF	0.010	33.146
		4			3	0.011		-09	7			
rs4876611	8	11667184	G	A	0.71	0.017	0.002	4.34E	33111	BF	0.021	70.623
		8			6			-17	7			
rs4889606	16	31011183	G	A	0.37	-	0.002	3.65E	33111	BF	0.021	70.963
					6	0.016		-17	7			
rs525101	13	11196972	C	T	0.37	0.013	0.002	3.16E	33111	BF	0.013	44.075
		8			2			-11	7			
rs538656	18	57850422	T	G	0.23	0.023	0.002	1.13E	33111	BF	0.033	109.727
					5			-25	7			

rs539515	1	17788902 5	C	A	0.20 8	0.027	0.002	7.41E -33	33111 7	BF	0.043	142.569
rs55637757	16	89535888	T	C	0.13 3	- 0.017	0.003	4.84E -10	33111 7	BF	0.012	38.744
rs55714539	19	18207397	C	A	0.34 3	0.019	0.002	4.20E -22	33111 7	BF	0.028	93.448
rs56203712	4	25342606	G	A	0.23 8	- 0.013	0.002	4.23E -09	33111 7	BF	0.010	34.515
rs56226325	7	2078981	T	C	0.15 3	- 0.017	0.003	7.50E -11	33111 7	BF	0.013	42.386
rs56399737	13	33381721	T	C	0.44 9	- 0.011	0.002	3.46E -09	33111 7	BF	0.011	34.906
rs56803094	15	99222509	G	A	0.22 7	- 0.014	0.002	6.32E -10	33111 7	BF	0.012	38.223
rs57636386	18	58048295	C	T	0.08 3	- 0.026	0.003	7.34E -15	33111 7	BF	0.018	60.511
rs57866767	10	96023077	C	T	0.43 2	- 0.016	0.002	8.24E -18	33111 7	BF	0.022	73.904
rs58360798	2	11310192	C	T	0.19	0.013	0.002	1.34E	33111	BF	0.010	32.268

		0			1			-08	7			
rs59066241	12	97925364	G	T	0.11	0.017	0.003	2.41E	33111	BF	0.011	35.612
					8			-09	7			
rs59104534	8	25666169	T	C	0.30	0.012	0.002	1.33E	33111	BF	0.010	32.293
					1			-08	7			
rs61888762	11	27709630	G	C	0.32	0.020	0.002	1.92E	33111	BF	0.031	104.118
					2			-24	7			
rs61975142	14	59402590	A	G	0.16	-	0.002	6.34E	33111	BF	0.013	42.715
					7	0.016		-11	7			
rs62037365	16	28868962	G	C	0.40	0.024	0.002	3.37E	33111	BF	0.046	153.288
					2			-35	7			
rs62106258	2	417167	C	T	0.04	-	0.004	3.10E	33111	BF	0.039	130.577
					8	0.050		-30	7			
rs62261725	3	85898626	G	A	0.32	-	0.002	2.49E	33111	BF	0.018	58.105
					7	0.015		-14	7			
rs62285233	3	19490260	A	G	0.10	-	0.003	7.35E	33111	BF	0.010	33.442
		8			2	0.018		-09	7			
rs62414900	6	11225916	T	C	0.05	-	0.004	1.36E	33111	BF	0.011	36.727
		3			2	0.026		-09	7			

rs6545714	2	59307725	A	G	0.60	-	0.002	1.15E	33111	BF	0.019	64.168
					2	0.015		-15	7			
rs6575340	14	94023972	A	G	0.63	0.014	0.002	1.13E	33111	BF	0.015	50.601
					7			-12	7			
rs6717858	2	16553966	C	T	0.40	0.019	0.002	1.31E	33111	BF	0.032	104.877
		1			3			-24	7			
rs67807996	1	14999526	A	G	0.40	0.018	0.002	3.34E	33111	BF	0.024	80.235
		5			2			-19	7			
rs6792984	3	10812018	T	C	0.30	0.011	0.002	2.75E	33111	BF	0.009	30.875
		4			8			-08	7			
rs6847975	4	80812960	A	G	0.35	0.013	0.002	2.25E	33111	BF	0.014	44.747
					6			-11	7			
rs6861649	5	50864788	C	T	0.60	0.013	0.002	4.66E	33111	BF	0.014	47.829
					7			-12	7			
rs6875585	5	95593462	C	A	0.67	0.011	0.002	1.47E	33111	BF	0.010	32.089
					0			-08	7			
rs6888037	5	12740625	T	G	0.75	0.013	0.002	4.71E	33111	BF	0.010	34.308
		9			2			-09	7			
rs6925197	6	12951748	T	C	0.21	-	0.002	6.95E	33111	BF	0.010	33.551

		3			4	0.013		-09	7			
rs6927268	6	10886566	G	T	0.20	-	0.002	7.91E	33111	BF	0.011	37.784
		3			5	0.014		-10	7			
rs6948959	7	50697051	A	G	0.74	-	0.002	7.31E	33111	BF	0.010	33.453
					4	0.012		-09	7			
rs6973656	7	77422583	G	A	0.39		0.002	1.58E	33111	BF	0.010	31.959
					7	0.011		-08	7			
rs6977416	7	15054271	A	G	0.33	-	0.002	3.82E	33111	BF	0.009	30.239
		1			1	0.011		-08	7			
rs704061	12	89771903	C	T	0.45		0.002	4.10E	33111	BF	0.019	61.657
					3	0.015		-15	7			
rs7094644	10	16773864	A	G	0.67		0.002	2.46E	33111	BF	0.009	31.091
					4	0.011		-08	7			
rs7124681	11	47529947	A	C	0.40		0.002	2.28E	33111	BF	0.047	154.068
					8	0.023		-35	7			
rs7133378	12	12440950	A	G	0.31		0.002	1.44E	33111	BF	0.028	91.011
		2			7	0.019		-21	7			
rs713586	2	25158008	C	T	0.49		0.002	1.32E	33111	BF	0.051	168.890
					0	0.024		-38	7			

rs7139583	13	99113230	C	A	0.29	-	0.002	4.71E	33111	BF	0.016	52.326
					0	0.015		-13	7			
rs7238896	18	1840658	G	A	0.14	0.015	0.003	1.52E	33111	BF	0.010	32.030
					1			-08	7			
rs7259070	19	47562509	C	T	0.59	0.011	0.002	1.88E	33111	BF	0.010	31.613
					9			-08	7			
rs72820274	2	10441292	A	G	0.41	0.010	0.002	3.50E	33111	BF	0.009	30.411
		4			9			-08	7			
rs72917533	2	17523892	C	T	0.18	-	0.002	2.00E	33111	BF	0.010	31.498
		4			6	0.013		-08	7			
rs72976986	19	4050424	A	G	0.19	-	0.002	3.53E	33111	BF	0.017	57.417
					1	0.018		-14	7			
rs72995085	6	14319397	C	T	0.17	-	0.002	2.24E	33111	BF	0.011	35.759
		1			7	0.015		-09	7			
rs73035223	7	2913891	G	A	0.14	0.015	0.003	5.76E	33111	BF	0.010	33.916
					9			-09	7			
rs73213484	4	28489339	T	A	0.13	-	0.003	2.12E	33111	BF	0.010	31.381
					9	0.015		-08	7			
rs7442885	5	87682877	G	C	0.21	-	0.002	1.32E	33111	BF	0.013	41.274

					0	0.015		-10	7			
rs7498044	15	92573639	A	G	0.21	-	0.002	9.67E	33111			
					9	0.013		-09	7	BF	0.010	32.909
rs75641275	1	98327133	C	A	0.14		0.003	9.20E	33111			
					4	0.016		-10	7	BF	0.011	37.489
rs7570258	2	19379172	C	T	0.50		0.002	3.30E	33111			
		0			9	0.010		-08	7	BF	0.009	30.522
rs75846784	5	12453667	G	T	0.07	-	0.004	2.22E	33111			
		7			9	0.020		-08	7	BF	0.009	31.289
rs75854315	1	15622305	A	G	0.06		0.004	5.99E	33111			
		6			6	0.022		-09	7	BF	0.010	33.838
rs7591494	2	21227894	A	G	0.26		0.002	1.47E	33111			
		0			1	0.013		-09	7	BF	0.011	36.575
rs76040172	21	46488959	A	G	0.05	-	0.004	7.13E	33111			
					4	0.030		-13	7	BF	0.016	51.511
rs7613261	3	13171779	T	A	0.20		0.002	1.54E	33111			
		5			5	0.016		-12	7	BF	0.015	49.996
rs7630228	3	71681487	C	T	0.43	-	0.002	2.65E	33111			
					5	0.011		-09	7	BF	0.011	35.427

rs7649970	3	12392272	T	C	0.12 1	0.030	0.003	1.18E -25	33111 7	BF	0.033	109.646
rs76929617	12	12086779 8	G	A	0.03 9	- 0.035	0.005	5.19E -13	33111 7	BF	0.016	52.138
rs7774	17	4801163	A	C	0.30 9	0.011	0.002	2.02E -08	33111 7	BF	0.010	31.479
rs78801969	16	64707204	T	C	0.14 2	- 0.016	0.003	3.66E -09	33111 7	BF	0.011	34.796
rs7925100	11	11894159 6	A	G	0.39 6	0.012	0.002	8.62E -10	33111 7	BF	0.011	37.617
rs7972728	12	12307677 8	A	C	0.73 7	0.016	0.002	2.26E -14	33111 7	BF	0.018	58.295
rs7982447	13	54453811	C	T	0.20 6	0.016	0.002	3.52E -12	33111 7	BF	0.015	48.379
rs80135947	17	65836001	C	A	0.19 5	0.023	0.002	3.58E -23	33111 7	BF	0.030	98.325
rs8042404	15	31680016	A	G	0.27 1	0.012	0.002	1.17E -08	33111 7	BF	0.010	32.533
rs8087074	18	45923482	T	G	0.26	0.013	0.002	6.00E	33111	BF	0.012	38.324

					1			-10	7			
rs809955	4	14087476	A	G	0.36	-	0.002	7.66E	33111	BF	0.014	46.854
		0			7	0.013		-12	7			
rs815163	1	19029472	C	T	0.56	-	0.002	1.74E	33111	BF	0.010	31.771
		6			2	0.011		-08	7			
rs815611	5	15351876	A	G	0.55	-	0.002	7.14E	33111	BF	0.012	37.983
		6			2	0.012		-10	7			
rs879620	16	4015729	T	C	0.61		0.002	6.80E	33111	BF	0.022	74.283
					5	0.017		-18	7			
rs9320823	6	98429337	C	T	0.60		0.002	8.80E	33111	BF	0.025	82.870
					2	0.017		-20	7			
rs952227	2	22706208	G	A	0.67	-	0.002	4.42E	33111	BF	0.019	61.508
		0			3	0.016		-15	7			
rs9522279	13	11222129	T	C	0.42		0.002	5.58E	33111	BF	0.016	51.995
		6			5	0.014		-13	7			
rs9551991	13	20305992	C	T	0.14		0.003	1.02E	33111	BF	0.011	37.289
					4	0.016		-09	7			
rs972283	7	13046685	G	A	0.51	-	0.002	1.04E	33111	BF	0.018	59.832
		4			0	0.014		-14	7			

rs9803921	1	20923681 8	A	C	0.38 2	- 0.011	0.002	3.43E -08	33111 7	BF	0.009	30.447
rs9843653	3	49920571	C	T	0.51 5	0.018	0.002	1.66E -22	33111 7	BF	0.029	95.280
rs987469	4	89706643	G	C	0.46 1	- 0.013	0.002	6.98E -13	33111 7	BF	0.016	51.554
rs9902386	17	21280185	G	T	0.67 7	- 0.013	0.002	3.73E -10	33111 7	BF	0.012	39.252

Anthropometric indicators (Replicated datasets)

rs1006399	6	10103947 0	A	G	0.45 9	- 0.011	0.002	9.50E -09	46211 7	HC	0.007	32.942
rs10100245	8	77226919	A	G	0.56 5	0.021	0.002	1.80E -24	46211 7	HC	0.023	104.194
rs10118701	9	10306136 6	G	A	0.32 2	0.017	0.002	3.10E -15	46211 7	HC	0.013	62.203
rs10132514	14	10401218 9	T	C	0.27 3	- 0.013	0.002	5.60E -09	46211 7	HC	0.007	33.973
rs1013402	11	27712381	G	A	0.31 8	0.029	0.002	5.10E -43	46211 7	HC	0.041	189.066

rs10145154	14	79939525	T	C	0.22	0.025	0.002	4.60E	46211	HC	0.024	111.488
					2			-26	7			
rs10158176	1	24374175	A	T	0.86	-	0.003	3.50E	46211	HC	0.008	34.867
		4			9	0.017		-09	7			
rs10188429	2	14229755	A	G	0.18	-	0.003	8.90E	46211	HC	0.007	33.060
		0			6	0.015		-09	7			
rs10210468	2	16537710	C	T	0.46	-	0.002	9.60E	46211	HC	0.010	46.413
		3			4	0.014		-12	7			
rs1023767	8	95530969	A	G	0.23	-	0.002	6.20E	46211	HC	0.009	42.763
					5	0.015		-11	7			
rs1037702	4	18016802	A	G	0.62	-	0.002	1.70E	46211	HC	0.007	31.817
		4			2	0.012		-08	7			
rs10404726	19	18834514	T	C	0.46	-	0.002	9.60E	46211	HC	0.015	69.044
					6	0.017		-17	7			
rs10407871	19	4040007	C	T	0.15	-	0.003	4.70E	46211	HC	0.009	43.308
					5	0.018		-11	7			
rs10471636	5	63979856	A	G	0.50	-	0.002	5.70E	46211	HC	0.007	33.918
					9	0.012		-09	7			
rs1047891	2	21154050	A	C	0.31	0.017	0.002	7.80E	46211	HC	0.013	60.380

		7			6			-15	7			
rs10499343	7	6419994	T	A	0.13	0.018	0.003	1.70E	46211	HC	0.008	36.249
					3			-09	7			
rs1056441	20	62370349	C	T	0.67	0.015	0.002	6.60E	46211	HC	0.010	47.140
					5			-12	7			
rs1056720	20	3784110	T	C	0.23	-	0.002	2.80E	46211	HC	0.007	30.875
					5	0.013		-08	7			
rs10744145	12	17209445	A	C	0.51	-	0.002	1.30E	46211	HC	0.008	36.835
					4	0.012		-09	7			
rs10746833	9	90841862	G	A	0.58	-	0.002	2.20E	46211	HC	0.012	53.849
					2	0.015		-13	7			
rs10773051	12	12451039	T	C	0.22	0.023	0.002	5.90E	46211	HC	0.020	92.755
		1			2			-22	7			
rs10788797	1	15100307	A	G	0.88	-	0.003	3.10E	46211	HC	0.010	44.102
		1			0	0.020		-11	7			
rs10810598	9	16733799	A	T	0.64	-	0.002	4.90E	46211	HC	0.008	38.699
					0	0.013		-10	7			
rs10883553	10	10263547	A	C	0.44	0.015	0.002	5.20E	46211	HC	0.012	56.648
		5			6			-14	7			

rs10938397	4	45182527	G	A	0.43 4	0.024	0.002	7.70E -34	46211 7	HC	0.032	147.026
rs10947137	6	31094971	C	A	0.07 4	- 0.021	0.004	4.80E -08	46211 7	HC	0.006	29.795
rs10954284	7	13046375 8	A	T	0.48 8	0.019	0.002	3.20E -22	46211 7	HC	0.020	93.962
rs10987417	9	12946250 1	T	G	0.38 6	0.013	0.002	6.10E -10	46211 7	HC	0.008	38.286
rs11012732	10	21830104	G	A	0.33 2	0.020	0.002	2.50E -21	46211 7	HC	0.019	89.912
rs11030016	11	27487992	T	C	0.74 0	0.018	0.002	1.60E -15	46211 7	HC	0.014	63.550
rs11045163	12	20463526	G	A	0.43 1	0.011	0.002	1.30E -08	46211 7	HC	0.007	32.268
rs11056870	12	16465953	T	G	0.14 5	0.017	0.003	1.20E -09	46211 7	HC	0.008	36.995
rs11075252	16	9332571	G	A	0.28 4	- 0.013	0.002	1.40E -08	46211 7	HC	0.007	32.173
rs1108548	1	21863478	G	A	0.27	0.016	0.002	2.10E	46211	HC	0.011	49.383

		7			7			-12	7			
rs11107114	12	93972927	A	G	0.22	0.013	0.002	2.00E	46211	HC	0.007	31.466
					9			-08	7			
rs11113445	12	10808868	G	A	0.39	0.013	0.002	4.00E	46211	HC	0.008	39.118
		2			1			-10	7			
rs11150461	16	82448195	G	C	0.72	-	0.002	3.00E	46211	HC	0.009	39.687
					7	0.014		-10	7			
rs11150745	17	78757626	G	A	0.31	-	0.002	3.40E	46211	HC	0.019	89.269
					8	0.020		-21	7			
rs11164630	1	10335299	T	C	0.60	-	0.002	1.30E	46211	HC	0.010	45.759
		5			8	0.014		-11	7			
rs11165643	1	96924097	T	C	0.59	0.019	0.002	4.70E	46211	HC	0.018	84.088
					0			-20	7			
rs11173522	12	60953472	A	C	0.21	0.014	0.002	1.70E	46211	HC	0.007	31.774
					4			-08	7			
rs1123295	1	33910453	G	A	0.44	0.012	0.002	2.50E	46211	HC	0.008	35.537
					4			-09	7			
rs11263719	15	27220222	T	C	0.47	0.011	0.002	1.00E	46211	HC	0.007	32.786
					0			-08	7			

rs11287565	8	12650669	A	G	0.39	0.018	0.002	1.00E	46211	HC	0.017	77.986
1		4			1			-18	7			
rs11323000	19	18460956	A	G	0.26	-	0.002	9.00E	46211	HC	0.009	42.026
3					1	0.015		-11	7			
rs11386654	17	46270606	C	T	0.06	0.033	0.004	6.20E	46211	HC	0.015	69.900
4					8			-17	7			
rs11513729	12	11227349	T	C	0.41	-	0.002	4.70E	46211	HC	0.014	65.926
		9			3	0.017		-16	7			
rs11664106	18	2846812	T	A	0.37	0.017	0.002	2.00E	46211	HC	0.014	63.026
					4			-15	7			
rs11704728	22	18130209	T	C	0.19	0.015	0.003	4.20E	46211	HC	0.007	34.541
					6			-09	7			
rs11717644	8	27261138	G	C	0.09	0.020	0.003	3.40E	46211	HC	0.008	34.913
8					6			-09	7			
rs11734298	16	54267868	T	C	0.02	0.036	0.007	4.70E	46211	HC	0.006	29.845
6					6			-08	7			
rs11751684	6	33528739	T	G	0.27	0.017	0.002	5.20E	46211	HC	0.012	56.636
					5			-14	7			
rs11762444	7	12197946	A	G	0.21	0.015	0.002	1.60E	46211	HC	0.008	36.417

		7			6			-09	7			
rs11778934	8	11655140	G	C	0.53	-	0.002	1.80E	46211	HC	0.011	49.668
		5			6	0.014		-12	7			
rs11779446	8	23388326	G	A	0.16	-	0.003	1.20E	46211	HC	0.012	55.047
					1	0.020		-13	7			
rs1182199	7	2862542	A	C	0.30	-	0.002	5.40E	46211	HC	0.028	129.468
					4	0.025		-30	7			
rs11882796	19	49225766	T	A	0.54	-	0.002	1.30E	46211	HC	0.007	32.300
					1	0.011		-08	7			
rs11997077	8	2935385	G	A	0.38	-	0.002	4.70E	46211	HC	0.006	29.849
					0	0.011		-08	7			
rs12072739	1	98315893	G	A	0.22		0.002	3.40E	46211	HC	0.009	39.443
					4	0.015		-10	7			
rs12096864	1	20943914	C	T	0.11		0.003	1.10E	46211	HC	0.008	37.165
		1			9	0.019		-09	7			
rs12122361	1	17493341	G	A	0.26	-	0.002	1.10E	46211	HC	0.008	37.129
		4			6	0.014		-09	7			
rs12128526	1	7723957	A	G	0.45		0.002	1.20E	46211	HC	0.007	32.441
					7	0.011		-08	7			

rs12140153	1	62579891	T	G	0.09 4	- 0.026	0.003	3.30E -14	46211 7	HC	0.012	57.541
rs12245654	10	87562928	C	A	0.07 3	0.021	0.004	4.10E -08	46211 7	HC	0.007	30.081
rs12364470	11	13460101 2	G	T	0.16 5	0.018	0.003	2.80E -11	46211 7	HC	0.010	44.278
rs12375196	7	10341654 1	A	C	0.42 4	0.017	0.002	1.40E -16	46211 7	HC	0.015	68.270
rs12427047	12	90213070	T	C	0.24 3	- 0.016	0.002	1.70E -12	46211 7	HC	0.011	49.826
rs12441543	15	31689543	A	G	0.28 7	0.015	0.002	5.30E -12	46211 7	HC	0.010	47.562
rs12462975	19	30272202	A	G	0.33 0	0.019	0.002	9.00E -19	46211 7	HC	0.017	78.270
rs12519997	5	17335185 8	A	G	0.55 9	- 0.014	0.002	2.90E -12	46211 7	HC	0.011	48.777
rs12568411	1	22622329	A	G	0.16 7	0.016	0.003	9.40E -10	46211 7	HC	0.008	37.438
rs12569355	1	11923737	G	A	0.12	0.022	0.003	1.60E	46211	HC	0.011	49.936

					0			-12	7			
rs1260326	2	27730940	C	T	0.60			3.00E	46211			
					4	0.012	0.002	-09	7	HC	0.008	35.156
rs12607512	18	31259579	G	A	0.44			4.40E	46211			
					6	0.012	0.002	-09	7	HC	0.007	34.436
rs12631813	3	17112613	G	C	0.50	-		8.50E	46211			
		4			3	0.012	0.002	-10	7	HC	0.008	37.635
rs12762744	10	53669252	T	C	0.24			8.40E	46211			
					8	0.013	0.002	-09	7	HC	0.007	33.178
rs12831185	12	53860781	G	A	0.17	-		3.10E	46211			
					0	0.018	0.003	-11	7	HC	0.010	44.124
rs1285992	14	91520438	G	A	0.71			2.90E	46211			
					0	0.020	0.002	-20	7	HC	0.018	85.039
rs12880641	14	10325145	G	T	0.66	-		1.40E	46211			
		2			2	0.015	0.002	-12	7	HC	0.011	50.182
rs12881629	14	10114641	G	A	0.08			7.40E	46211			
		3			3	0.024	0.004	-11	7	HC	0.009	42.419
rs12883788	14	33303540	T	C	0.46			7.90E	46211			
					0	0.014	0.002	-13	7	HC	0.011	51.296

rs12921916	16	20407196	C	T	0.28 8	0.013	0.002	1.60E -08	46211 7	HC	0.007	31.967
rs12939848	17	65370808	T	C	0.40 1	0.013	0.002	5.60E -10	46211 7	HC	0.008	38.472
rs1296328	4	13708319 3	C	A	0.55 9	- 0.016	0.002	4.20E -15	46211 7	HC	0.013	61.596
rs13017207	2	10084123 5	A	G	0.39 4	- 0.016	0.002	2.00E -15	46211 7	HC	0.014	63.065
rs13034765	2	50742419	C	G	0.37 0	0.013	0.002	9.10E -11	46211 7	HC	0.009	42.000
rs13081528	3	78505164	T	G	0.17 3	0.015	0.003	3.20E -08	46211 7	HC	0.007	30.582
rs13107325	4	10318870 9	T	C	0.07 5	0.039	0.004	1.70E -24	46211 7	HC	0.023	104.312
rs13148263	4	1699512	A	G	0.33 5	0.016	0.002	3.60E -14	46211 7	HC	0.012	57.364
rs13156484	5	12265339 9	A	G	0.47 2	- 0.017	0.002	3.90E -18	46211 7	HC	0.016	75.390
rs13204087	6	16300502	A	G	0.13	-	0.003	3.60E	46211	HC	0.008	34.826

		1			7	0.017		-09	7			
rs13264909	8	64702385	T	A	0.42	-	0.002	1.50E	46211	HC	0.010	45.492
					9	0.014		-11	7			
rs13284988	9	14766563	C	T	0.30		0.002	3.00E	46211	HC	0.007	30.726
					5	0.012		-08	7			
rs13292699	9	15910044	C	A	0.43	-	0.002	6.70E	46211	HC	0.014	65.234
					4	0.016		-16	7			
rs133015	22	38572526	G	C	0.44		0.002	1.30E	46211	HC	0.009	41.356
					0	0.013		-10	7			
rs13333747	16	2175373	C	T	0.18	-	0.003	2.30E	46211	HC	0.016	71.854
					3	0.022		-17	7			
rs13389219	2	16552887	T	C	0.39		0.002	4.70E	46211	HC	0.027	125.164
		6			2	0.023		-29	7			
rs13921800	5	50954977	T	G	0.03		0.006	1.20E	46211	HC	0.013	59.459
3					2	0.043		-14	7			
rs14162290	19	45426792	A	G	0.05		0.005	3.60E	46211	HC	0.010	48.319
0					2	0.032		-12	7			
rs143384	20	34025756	G	A	0.40		0.002	1.30E	46211	HC	0.038	173.422
					4	0.027		-39	7			

rs14378600	12	12469500	A	C	0.03	-	0.006	1.80E	46211	HC	0.007	31.724
3		7			5	0.031		-08	7			
rs1452082	3	62465039	A	C	0.55	0.013	0.002	6.80E	46211	HC	0.008	38.071
					7			-10	7			
rs1458156	12	41887940	T	C	0.48	0.013	0.002	2.30E	46211	HC	0.009	40.217
					8			-10	7			
rs1477290	5	87988934	C	T	0.13	0.030	0.003	1.60E	46211	HC	0.023	104.490
					7			-24	7			
rs14773026	12	12302447	T	G	0.08	-	0.004	1.30E	46211	HC	0.042	196.415
8		6			7	0.051		-44	7			
rs1480474	12	66326943	G	A	0.41	-	0.002	7.40E	46211	HC	0.011	51.423
					7	0.015		-13	7			
rs1481630	2	18309770	C	T	0.17	-	0.003	4.00E	46211	HC	0.007	34.636
		5			7	0.015		-09	7			
rs14863647	4	16435967	T	A	0.02	-	0.006	1.80E	46211	HC	0.007	31.687
9		8			9	0.036		-08	7			
rs1502317	11	8682018	T	C	0.27	-	0.002	1.10E	46211	HC	0.010	46.132
					7	0.015		-11	7			
rs1514895	3	17070569	G	A	0.28	0.017	0.002	2.10E	46211	HC	0.014	62.955

		3			5			-15	7			
rs1538535	9	35681299	T	C	0.27 5	0.012	0.002	2.70E -08	46211 7	HC	0.007	30.921
rs1576655	13	79587841	C	A	0.59 6	0.016	0.002	7.70E -15	46211 7	HC	0.013	60.419
rs1609783	3	25095911	A	G	0.52 5	0.014	0.002	1.10E -12	46211 7	HC	0.011	50.697
rs16868443	7	93206264	C	G	0.36 0	0.015	0.002	1.00E -13	46211 7	HC	0.012	55.299
rs170016	7	32446317	A	G	0.63 4	- 0.012	0.002	2.60E -08	46211 7	HC	0.007	30.971
rs1727901	3	15383267 8	T	C	0.73 7	0.020	0.002	1.50E -19	46211 7	HC	0.018	81.799
rs17361789	1	17212260 1	G	T	0.32 2	0.013	0.002	4.00E -09	46211 7	HC	0.007	34.645
rs17446299	13	40762556	G	C	0.16 6	0.015	0.003	3.70E -08	46211 7	HC	0.007	30.280
rs17604662	16	72221464	G	A	0.10 9	0.018	0.003	1.50E -08	46211 7	HC	0.007	32.061

rs17639546	3	61251635	A	G	0.14	-	0.003	2.00E	46211	HC	0.010	44.926
					8	0.019		-11	7			
rs17733217	20	51222704	G	A	0.22	-	0.002	3.10E	46211	HC	0.010	44.127
					9	0.016		-11	7			
rs17766836	7	92258961	T	C	0.26		0.002	6.10E	46211	HC	0.023	106.387
					8	0.023		-25	7			
rs17770336	9	28414625	T	C	0.32		0.002	2.40E	46211	HC	0.017	80.865
					2	0.019		-19	7			
rs1801123	2	22766104	C	T	0.08	-	0.004	1.20E	46211	HC	0.008	37.023
		3			4	0.022		-09	7			
rs1801282	3	12393125	G	C	0.12		0.003	1.00E	46211	HC	0.008	37.321
					0	0.019		-09	7			
rs1813212	11	89301382	G	A	0.44	-	0.002	9.20E	46211	HC	0.009	41.978
					6	0.013		-11	7			
rs18601727	15	83368605	A	G	0.01		0.008	4.70E	46211	HC	0.007	34.300
1					6	0.049		-09	7			
rs1868069	2	20538894	A	G	0.22		0.002	1.90E	46211	HC	0.009	40.586
		6			9	0.015		-10	7			
rs19054350	15	43757184	C	T	0.02	-	0.007	1.20E	46211	HC	0.008	36.993

2					4	0.040			-09	7			
rs1934394	1	49234677	C	G	0.22				4.90E	46211			
					8	0.013	0.002		-08	7	HC	0.006	29.768
rs1955695	14	61021891	G	A	0.62	-			8.90E	46211			
					2	0.017	0.002		-17	7	HC	0.015	69.200
rs1982441	8	28021769	T	G	0.13				9.70E	46211			
					0	0.017	0.003		-09	7	HC	0.007	32.908
rs2022050	11	64367651	A	G	0.16	-			1.70E	46211			
					1	0.021	0.003		-14	7	HC	0.013	58.892
rs2023211	14	62374092	C	T	0.23				1.10E	46211			
					2	0.016	0.002		-11	7	HC	0.010	46.124
rs211434	6	13361157	A	G	0.68				8.60E	46211			
		1			2	0.013	0.002		-10	7	HC	0.008	37.620
rs2133292	12	10304818	T	C	0.37				1.50E	46211			
		4			4	0.013	0.002		-10	7	HC	0.009	41.022
rs2133561	5	13908665	T	A	0.61	-			1.20E	46211			
		1			1	0.018	0.002		-18	7	HC	0.017	77.675
rs2151248	1	17033009	C	G	0.73	-			2.60E	46211			
		8			1	0.015	0.002		-11	7	HC	0.010	44.429

rs2159437	17	68439660	G	A	0.51 8	0.020	0.002	8.90E -23	46211 7	HC	0.021	96.516
rs2172131	10	13397896 2	C	T	0.57 9	- 0.014	0.002	1.20E -11	46211 7	HC	0.010	45.914
rs2178385	3	13175329 7	T	G	0.32 0	0.019	0.002	3.40E -18	46211 7	HC	0.016	75.614
rs2238435	16	4014282	G	C	0.61 4	0.026	0.002	1.10E -36	46211 7	HC	0.035	160.024
rs2238689	19	46178661	C	T	0.39 9	- 0.014	0.002	3.60E -12	46211 7	HC	0.010	48.340
rs2253310	6	10888859 3	G	C	0.62 6	0.020	0.002	2.10E -21	46211 7	HC	0.020	90.266
rs2270894	3	9975386	G	C	0.20 3	- 0.022	0.003	3.50E -17	46211 7	HC	0.015	71.035
rs2288745	2	24172884 3	T	C	0.29 9	0.014	0.002	3.50E -10	46211 7	HC	0.009	39.395
rs2307111	5	75003678	C	T	0.39 5	- 0.029	0.002	1.60E -44	46211 7	HC	0.042	195.989
rs2371767	3	64718258	C	G	0.27	0.019	0.002	2.10E	46211	HC	0.017	76.576

					8			-18	7			
rs2371911	3	30065907	A	T	0.54	0.013	0.002	5.50E	46211	HC	0.009	42.987
					4			-11	7			
rs2384054	2	25156773	C	T	0.48	0.022	0.002	2.90E	46211	HC	0.026	121.552
					9			-28	7			
rs2479958	13	11198424	G	A	0.51	-	0.002	1.20E	46211	HC	0.009	41.392
		4			7	0.013		-10	7			
rs2494196	1	21976258	A	C	0.28	0.031	0.002	6.90E	46211	HC	0.044	202.190
		1			6			-46	7			
rs2499468	6	51809081	A	C	0.65	0.013	0.002	2.80E	46211	HC	0.009	39.779
					1			-10	7			
rs253444	5	14179374	A	G	0.12	-	0.003	2.50E	46211	HC	0.010	44.498
		1			9	0.020		-11	7			
rs2568958	1	72765116	A	G	0.60	0.021	0.002	2.20E	46211	HC	0.022	103.794
					4			-24	7			
rs2577955	15	42012178	T	C	0.80	-	0.003	4.80E	46211	HC	0.007	34.272
					3	0.015		-09	7			
rs25849	16	2265071	G	C	0.28	0.020	0.002	3.50E	46211	HC	0.017	80.130
					9			-19	7			

rs2585526	13	78624080	G	A	0.55 7	0.012	0.002	1.10E -09	46211 7	HC	0.008	37.196
rs2593169	15	52224522	C	G	0.56 8	- 0.012	0.002	8.20E -09	46211 7	HC	0.007	33.224
rs2606227	3	18353683 6	C	T	0.63 1	- 0.012	0.002	2.40E -09	46211 7	HC	0.008	35.647
rs2642305	10	27909292	T	A	0.37 0	0.011	0.002	4.50E -08	46211 7	HC	0.006	29.911
rs2660241	16	4940023	C	T	0.36 5	0.014	0.002	1.90E -11	46211 7	HC	0.010	45.050
rs2678204	1	20180051 1	G	T	0.34 0	0.020	0.002	7.10E -21	46211 7	HC	0.019	87.850
rs273505	19	18217147	C	T	0.42 2	0.013	0.002	1.90E -10	46211 7	HC	0.009	40.569
rs2737263	8	11666753 9	T	G	0.28 1	- 0.024	0.002	1.60E -26	46211 7	HC	0.025	113.557
rs2744956	6	34618937	C	T	0.13 9	0.054	0.003	2.80E -78	46211 7	HC	0.076	350.816
rs2814350	10	88008785	A	G	0.30	0.014	0.002	3.40E	46211	HC	0.009	39.442

rs2821226	1	20351729	G	A	0.52	0.015	0.002	4.30E	46211	HC	0.012	57.043
		2			8			-14	7			
rs28366156	6	31671498	C	T	0.13	-	0.003	2.20E	46211	HC	0.018	81.072
					1	0.027		-19	7			
rs2861685	2	67837553	C	T	0.41	-	0.002	2.30E	46211	HC	0.012	53.760
					2	0.015		-13	7			
rs28711392	11	13349559	C	T	0.36	-	0.002	1.90E	46211	HC	0.008	36.113
					7	0.013		-09	7			
rs28778940	9	98298352	A	G	0.33	0.015	0.002	9.70E	46211	HC	0.011	50.901
					1			-13	7			
rs287837	6	83430793	G	A	0.52	-	0.002	6.50E	46211	HC	0.009	42.655
					4	0.013		-11	7			
rs3012053	10	77293109	G	A	0.71	-	0.002	1.20E	46211	HC	0.010	45.947
					5	0.015		-11	7			
rs308911	2	86855977	G	A	0.71	-	0.002	9.70E	46211	HC	0.009	41.888
					4	0.014		-11	7			
rs310796	12	77453226	T	G	0.68	0.012	0.002	1.60E	46211	HC	0.007	31.898
					1			-08	7			

rs3110942	7	33003171	A	G	0.48 2	0.013	0.002	2.00E -10	46211 7	HC	0.009	40.475
rs3116600	13	51107900	G	A	0.21 5	- 0.019	0.002	1.00E -14	46211 7	HC	0.013	59.884
rs314288	6	10543407 8	C	T	0.88 6	- 0.023	0.003	4.60E -13	46211 7	HC	0.011	52.374
rs329118	5	13386166 3	T	C	0.41 9	- 0.016	0.002	5.80E -16	46211 7	HC	0.014	65.505
rs33503	3	42427957	A	G	0.80 6	- 0.018	0.003	3.40E -12	46211 7	HC	0.010	48.455
rs340025	15	60908307	C	T	0.58 0	0.013	0.002	3.30E -10	46211 7	HC	0.009	39.464
rs34045894	10	33967489	A	G	0.15 6	0.017	0.003	1.10E -09	46211 7	HC	0.008	37.199
rs34223321	17	38352388	A	C	0.30 0	0.014	0.002	8.80E -11	46211 7	HC	0.009	42.064
rs34505073	13	50237255	A	G	0.02 2	0.058	0.007	5.50E -17	46211 7	HC	0.015	70.149
rs34517439	1	78450517	A	C	0.12	0.045	0.003	2.00E	46211	HC	0.047	218.434

					2			-49	7			
rs34594435	7	72977249	T	C	0.19	0.022	0.003	8.60E	46211	HC	0.016	73.799
					6			-18	7			
rs34629844	5	200829	G	A	0.12	0.021	0.003	8.30E	46211	HC	0.011	51.201
					8			-13	7			
rs34656389	4	96153214	G	A	0.36	0.011	0.002	4.60E	46211	HC	0.006	29.886
					7			-08	7			
rs34765854	6	40368860	G	T	0.29	0.019	0.002	5.50E	46211	HC	0.017	79.245
					8			-19	7			
rs34769775	15	80989172	T	C	0.29	-	0.002	1.00E	46211	HC	0.009	41.777
					7	0.014		-10	7			
rs34772064	4	55495948	G	T	0.55	-	0.002	3.10E	46211	HC	0.008	35.137
					6	0.012		-09	7			
rs34811474	4	25408838	A	G	0.23	-	0.002	5.40E	46211	HC	0.015	70.193
					1	0.020		-17	7			
rs34840745	19	7183797	T	C	0.26	0.017	0.002	2.40E	46211	HC	0.012	53.658
					2			-13	7			
rs34848742	4	12382804	G	T	0.78	-	0.002	3.70E	46211	HC	0.008	34.758
		2			8	0.014		-09	7			

					4	0.021		-19	7			
rs3730071	12	49168798	A	C	0.03	-	0.006	2.10E	46211	HC	0.009	40.384
					0	0.037		-10	7			
rs3737992	1	33234128	A	G	0.16	-	0.003	4.90E	46211	HC	0.014	65.845
					9	0.022		-16	7			
rs3746759	20	61560004	G	T	0.20	-	0.002	4.40E	46211	HC	0.007	34.438
					6	0.014		-09	7			
rs3762988	5	32709653	T	C	0.38		0.002	6.50E	46211	HC	0.008	38.151
					8	0.013		-10	7			
rs3807566	7	50564204	T	G	0.43	-	0.002	1.10E	46211	HC	0.012	55.205
					8	0.015		-13	7			
rs3810291	19	47569003	A	G	0.67		0.002	1.30E	46211	HC	0.025	114.058
					5	0.023		-26	7			
rs3811951	5	95762477	G	A	0.28		0.002	1.10E	46211	HC	0.010	46.118
					2	0.015		-11	7			
rs3814883	16	29994922	T	C	0.48		0.002	5.00E	46211	HC	0.034	157.038
					2	0.025		-36	7			
rs3826408	17	7101292	T	C	0.45		0.002	1.10E	46211	HC	0.010	46.125
					7	0.014		-11	7			

rs3845344	1	75001480	T	C	0.39 1	0.014	0.002	9.70E -12	46211 7	HC	0.010	46.396
rs3935190	17	79084367	A	G	0.53 7	- 0.014	0.002	2.30E -12	46211 7	HC	0.011	49.180
rs394608	21	46581798	C	T	0.53 8	0.015	0.002	3.60E -13	46211 7	HC	0.011	52.837
rs40071	5	10749610 2	C	T	0.17 9	- 0.017	0.003	2.20E -11	46211 7	HC	0.010	44.749
rs4017425	3	44028764	T	C	0.47 0	- 0.012	0.002	3.10E -09	46211 7	HC	0.008	35.135
rs41271299	6	19839415	T	C	0.05 1	0.039	0.005	1.30E -17	46211 7	HC	0.016	73.006
rs41273794	6	41755708	T	C	0.28 7	0.019	0.002	3.50E -18	46211 7	HC	0.016	75.577
rs41279738	1	11008255 1	G	T	0.02 6	0.060	0.006	1.20E -21	46211 7	HC	0.020	91.355
rs4240326	4	14583926 4	G	A	0.55 0	- 0.028	0.002	2.70E -44	46211 7	HC	0.042	194.929
rs4253755	22	46615376	A	G	0.12	0.021	0.003	2.00E	46211	HC	0.011	49.516

					9			-12	7			
rs429343	2	14790338	G	A	0.57	-	0.002	1.40E	46211	HC	0.008	36.636
		2			7	0.012		-09	7			
rs4310395	1	23279510	G	A	0.44		0.002	1.00E	46211	HC	0.008	37.231
		5			3	0.012		-09	7			
rs4339309	5	22208931	G	A	0.88		0.003	1.40E	46211	HC	0.007	32.248
					7	0.018		-08	7			
rs4350264	10	70242946	A	G	0.08	-	0.004	1.00E	46211	HC	0.008	37.277
					4	0.022		-09	7			
rs4467770	6	12086826	A	G	0.73		0.002	1.80E	46211	HC	0.011	49.640
					1	0.016		-12	7			
rs4476935	7	11298765	T	C	0.43	-	0.002	1.50E	46211	HC	0.009	40.992
		0			3	0.013		-10	7			
rs4477562	13	54104968	T	C	0.12		0.003	2.30E	46211	HC	0.020	94.619
					9	0.029		-22	7			
rs4486868	15	99472734	C	T	0.44	-	0.002	3.40E	46211	HC	0.007	30.493
					8	0.011		-08	7			
rs4567604	13	59204270	T	G	0.19	-	0.003	5.00E	46211	HC	0.009	43.185
					3	0.017		-11	7			

rs4589131	1	16116769 8	G	T	0.59 1	- 0.012	0.002	6.40E -09	46211 7	HC	0.007	33.721
rs4613074	16	19942527	C	T	0.18 5	- 0.017	0.003	3.30E -11	46211 7	HC	0.010	43.999
rs463376	19	34318210	A	G	0.49 0	0.012	0.002	1.90E -09	46211 7	HC	0.008	36.049
rs4678016	3	12310198 1	T	C	0.36 6	0.012	0.002	2.50E -08	46211 7	HC	0.007	31.091
rs475390	1	41570459	A	G	0.77 6	- 0.014	0.002	3.90E -09	46211 7	HC	0.008	34.679
rs4790292	17	1824305	A	C	0.15 4	- 0.026	0.003	4.10E -21	46211 7	HC	0.019	88.925
rs4792716	17	15943144	G	A	0.56 2	0.015	0.002	4.60E -13	46211 7	HC	0.011	52.378
rs4800490	18	21126081	C	A	0.49 5	- 0.023	0.002	3.60E -31	46211 7	HC	0.029	134.825
rs4820346	22	39125074	G	C	0.69 3	- 0.013	0.002	1.80E -09	46211 7	HC	0.008	36.139
rs483465	3	13604797	G	A	0.74	0.015	0.002	1.50E	46211	HC	0.010	45.485

		7			9			-11	7			
rs4843158	15	84471636	C	G	0.68	0.022	0.002	2.80E	46211	HC	0.022	103.351
					5			-24	7			
rs4870057	6	15217189	G	A	0.34	0.013	0.002	2.40E	46211	HC	0.008	35.611
		8			1			-09	7			
rs4897174	6	12659738	A	T	0.11	0.018	0.003	8.50E	46211	HC	0.007	33.161
		8			9			-09	7			
rs4909309	8	13561927	C	T	0.39	-	0.002	1.70E	46211	HC	0.016	72.420
		2			4	0.017		-17	7			
rs4962424	10	12673021	A	T	0.32	0.016	0.002	2.40E	46211	HC	0.012	53.660
		4			7			-13	7			
rs4963975	12	26443030	A	G	0.24	-	0.002	6.10E	46211	HC	0.014	65.402
					4	0.019		-16	7			
rs4976994	8	14337349	G	A	0.45	0.013	0.002	1.50E	46211	HC	0.009	41.001
		4			3			-10	7			
rs4985407	16	70285901	G	A	0.49	0.015	0.002	1.80E	46211	HC	0.013	58.693
					8			-14	7			
rs522110	10	99772885	G	A	0.55	0.018	0.002	1.70E	46211	HC	0.018	81.512
					5			-19	7			

rs543874	1	17788948 0	G	A	0.20 5	0.045	0.002	8.00E -76	46211 7	HC	0.073	339.555
rs551935	11	30500832	G	T	0.44 1	- 0.017	0.002	3.10E -17	46211 7	HC	0.015	71.263
rs55726687	12	991306	A	G	0.21 0	0.022	0.002	4.50E -19	46211 7	HC	0.017	79.642
rs56094641	16	53806453	G	A	0.40 5	0.062	0.002	1.00E -200	46211 7	HC	0.199	921.304
rs56097510	15	51533478	G	C	0.51 1	0.014	0.002	6.70E -12	46211 7	HC	0.010	47.105
rs56399737	13	33381721	T	C	0.44 9	- 0.012	0.002	4.30E -09	46211 7	HC	0.007	34.495
rs57222629	4	82195346	C	G	0.31 2	0.014	0.002	1.50E -10	46211 7	HC	0.009	41.045
rs57235969	2	20410540 3	T	C	0.55 4	0.012	0.002	4.60E -10	46211 7	HC	0.008	38.840
rs57636386	18	58048295	C	T	0.08 4	- 0.035	0.004	2.60E -22	46211 7	HC	0.020	94.359
rs57989773	6	10062907	C	T	0.24	0.022	0.002	4.00E	46211	HC	0.018	84.429

		8			5			-20	7			
rs58584712	2	11224958	A	G	0.21	0.017	0.002	3.20E	46211	HC	0.011	48.579
		3			1			-12	7			
rs59227842	11	43692423	G	A	0.31	0.021	0.002	3.40E	46211	HC	0.020	93.823
					1			-22	7			
rs60226453	1	20348968	T	C	0.17	0.016	0.003	3.90E	46211	HC	0.008	39.165
		3			7			-10	7			
rs6066104	20	45530530	T	C	0.32	0.019	0.002	1.70E	46211	HC	0.018	81.611
					4			-19	7			
rs6142059	20	32544327	C	T	0.49	0.015	0.002	6.50E	46211	HC	0.012	56.212
					3			-14	7			
rs614520	11	65664006	A	G	0.64	-	0.002	8.00E	46211	HC	0.008	37.752
					1	0.013		-10	7			
rs61898343	11	12018292	C	G	0.14	-	0.003	7.70E	46211	HC	0.008	37.834
		6			9	0.017		-10	7			
rs61941722	12	97555085	A	G	0.18	0.016	0.003	1.20E	46211	HC	0.008	36.963
					9			-09	7			
rs61969510	13	86484025	C	T	0.27	0.013	0.002	1.00E	46211	HC	0.007	32.789
					9			-08	7			

rs61992671	14	10153185 4	G	A	0.49 2	- 0.015	0.002	3.40E -13	46211 7	HC	0.011	52.945
rs62070648	17	29210595	A	G	0.26 9	- 0.020	0.002	7.80E -19	46211 7	HC	0.017	78.562
rs62107261	2	422144	C	T	0.04 8	- 0.081	0.005	1.10E -67	46211 7	HC	0.065	302.271
rs62246311	3	9498143	A	G	0.10 2	- 0.022	0.003	1.40E -11	46211 7	HC	0.010	45.648
rs62301134	4	68441583	C	T	0.26 3	- 0.014	0.002	1.80E -09	46211 7	HC	0.008	36.176
rs62396185	6	26180634	C	G	0.26 0	- 0.035	0.002	1.80E -52	46211 7	HC	0.050	232.395
rs62515438	8	57161608	G	T	0.22 8	- 0.015	0.002	2.50E -10	46211 7	HC	0.009	40.028
rs643499	11	12193894 5	C	T	0.39 8	- 0.012	0.002	4.90E -09	46211 7	HC	0.007	34.233
rs6438656	3	12148523 9	A	G	0.63 6	- 0.012	0.002	7.20E -09	46211 7	HC	0.007	33.469
rs6465828	7	77421817	T	G	0.48	0.016	0.002	1.90E	46211	HC	0.015	67.723

					3			-16	7			
rs6470771	8	130743726	C	A	0.170	-	0.003	5.80E-09	462117	HC	0.007	33.884
rs6545714	2	59307725	A	G	0.601	-	0.002	7.10E-15	462117	HC	0.013	60.567
rs6567160	18	57829135	C	T	0.233	0.052	0.002	5.70E-109	462117	HC	0.106	491.834
rs6575340	14	94023972	A	G	0.636	0.018	0.002	6.70E-19	462117	HC	0.017	78.856
rs6597975	11	838842	G	C	0.544	0.012	0.002	9.80E-10	462117	HC	0.008	37.355
rs6598540	15	99230191	G	A	0.277	-	0.002	3.40E-11	462117	HC	0.010	43.938
rs6606686	12	110903380	C	G	0.681	-	0.002	8.80E-15	462117	HC	0.013	60.144
rs66679256	4	18351898	T	C	0.446	0.015	0.002	7.50E-14	462117	HC	0.012	55.930
rs6669341	1	47678458	G	A	0.583	-	0.002	6.10E-14	462117	HC	0.012	56.349

rs667515	11	69449076	C	G	0.38	-	0.002	5.20E	46211	HC	0.010	47.621
					6	0.014		-12	7			
rs6712653	2	24253423	T	C	0.15	0.016	0.003	4.30E	46211	HC	0.007	34.462
		3			7			-09	7			
rs6744646	2	628504	G	A	0.82	0.050	0.003	2.00E	46211	HC	0.078	360.677
					8			-80	7			
rs6745626	2	18143664	T	C	0.59	0.014	0.002	6.00E	46211	HC	0.010	47.320
		1			0			-12	7			
rs6747657	2	11200316	A	G	0.28	0.013	0.002	4.70E	46211	HC	0.007	34.328
		3			2			-09	7			
rs675162	6	16077632	G	A	0.48	0.018	0.002	1.80E	46211	HC	0.018	81.482
		5			2			-19	7			
rs67560975	17	47142930	C	T	0.11	0.021	0.003	1.50E	46211	HC	0.010	45.600
					6			-11	7			
rs6840236	4	56289785	C	T	0.46	0.017	0.002	1.90E	46211	HC	0.016	72.198
					5			-17	7			
rs6868125	5	16447239	T	C	0.52	-	0.002	1.90E	46211	HC	0.008	36.115
		9			2	0.012		-09	7			
rs6946415	7	15068454	G	A	0.62	0.016	0.002	1.40E	46211	HC	0.013	59.208

		8			7			-14	7			
rs6958365	7	33955171	T	C	0.41	-	0.002	1.50E	46211	HC	0.007	32.118
					2	0.012		-08	7			
rs6973700	7	1856669	G	A	0.20	-	0.002	1.50E	46211	HC	0.009	40.967
					6	0.016		-10	7			
rs698147	5	3513485	G	A	0.54	-	0.002	1.30E	46211	HC	0.008	36.834
					4	0.012		-09	7			
rs7002088	8	10494738	C	A	0.44		0.002	7.90E	46211	HC	0.010	46.780
					5	0.014		-12	7			
rs7034554	9	37081301	G	A	0.37	-	0.002	1.60E	46211	HC	0.008	36.380
					4	0.012		-09	7			
rs7038943	9	12037717	C	T	0.33	-	0.002	8.60E	46211	HC	0.007	33.130
		8			9	0.012		-09	7			
rs705165	10	12525609	T	G	0.24		0.002	1.40E	46211	HC	0.009	41.207
		5			8	0.015		-10	7			
rs7094073	10	75704501	T	C	0.19		0.003	2.30E	46211	HC	0.008	35.730
					1	0.016		-09	7			
rs7111235	11	13365866	C	T	0.49		0.002	8.40E	46211	HC	0.007	33.181
		1			3	0.012		-09	7			

rs7124681	11	47529947	A	C	0.40 8	0.021	0.002	3.70E -24	46211 7	HC	0.022	102.789
rs7132908	12	50263148	A	G	0.38 4	0.026	0.002	2.80E -36	46211 7	HC	0.034	158.226
rs71413981	14	23774916	A	G	0.16 3	0.021	0.003	5.30E -15	46211 7	HC	0.013	61.152
rs7171864	15	73227249	A	G	0.66 0	0.016	0.002	1.90E -14	46211 7	HC	0.013	58.619
rs7218014	17	65832016	C	T	0.19 7	0.021	0.003	1.30E -16	46211 7	HC	0.015	68.381
rs7248205	19	10770305	T	C	0.60 0	- 0.016	0.002	3.00E -15	46211 7	HC	0.013	62.248
rs7257083	19	33943986	A	G	0.28 9	0.016	0.002	1.70E -13	46211 7	HC	0.012	54.381
rs72656010	8	57122215	C	T	0.13 2	- 0.025	0.003	1.20E -17	46211 7	HC	0.016	73.080
rs7274811	20	32333181	T	G	0.25 9	- 0.020	0.002	1.10E -17	46211 7	HC	0.016	73.314
rs72756476	9	95453880	C	T	0.14	-	0.003	2.10E	46211	HC	0.010	44.870

					1	0.019		-11	7			
rs72877553	6	76215658	C	T	0.10	0.018	0.003	3.60E	46211	HC	0.007	30.342
					5			-08	7			
rs72959041	6	12745489	A	G	0.04	-	0.005	9.50E	46211	HC	0.044	201.567
		3			9	0.066		-46	7			
rs73052033	3	18582846	C	T	0.18	-	0.003	5.30E	46211	HC	0.014	65.678
		5			5	0.021		-16	7			
rs73175572	3	18549018	G	A	0.11	0.028	0.003	1.00E	46211	HC	0.017	78.068
		4			2			-18	7			
rs73197346	21	36770189	C	T	0.13	-	0.003	1.30E	46211	HC	0.008	36.826
					2	0.018		-09	7			
rs73213484	4	28489339	T	A	0.14	-	0.003	4.60E	46211	HC	0.011	52.375
					1	0.021		-13	7			
rs7365	11	93211764	G	A	0.48	-	0.002	2.60E	46211	HC	0.007	30.959
					3	0.011		-08	7			
rs73650963	9	93943033	C	T	0.10	-	0.003	4.10E	46211	HC	0.008	39.073
					7	0.020		-10	7			
rs7372674	3	19614916	A	C	0.35	0.014	0.002	4.60E	46211	HC	0.010	47.832
		5			7			-12	7			

rs743572	10	10459715 2	G	A	0.37 6	0.015	0.002	2.00E -13	46211 7	HC	0.012	53.996
rs7442885	5	87682877	G	C	0.21 4	- 0.020	0.002	3.10E -16	46211 7	HC	0.014	66.738
rs7460093	8	14487615 9	A	G	0.53 1	0.014	0.002	1.20E -11	46211 7	HC	0.010	46.010
rs74749286	11	14322359	A	G	0.10 8	0.026	0.003	1.20E -15	46211 7	HC	0.014	64.044
rs7498665	16	28883241	G	A	0.40 0	0.032	0.002	6.40E -55	46211 7	HC	0.053	243.616
rs750090	4	15293143 6	C	T	0.35 7	- 0.013	0.002	2.50E -10	46211 7	HC	0.009	40.048
rs7519259	1	66434743	A	G	0.52 8	0.014	0.002	1.50E -12	46211 7	HC	0.011	49.985
rs7523668	1	42408159	A	G	0.56 6	- 0.014	0.002	8.60E -12	46211 7	HC	0.010	46.625
rs754635	3	42305131	G	C	0.88 7	0.021	0.003	5.40E -11	46211 7	HC	0.009	43.031
rs756717	16	72996162	A	G	0.39	-	0.002	9.70E	46211	HC	0.010	46.380

					9	0.014		-12	7			
rs7570446	2	193801010	A	C	0.544	0.011	0.002	3.30E-08	462117	HC	0.007	30.508
rs7571496	2	6169351	G	A	0.261	-	0.002	1.20E-09	462117	HC	0.008	36.896
rs7582359	2	55286681	A	G	0.332	-	0.002	1.70E-10	462117	HC	0.009	40.806
rs76082446	3	71624342	A	G	0.159	0.017	0.003	1.30E-09	462117	HC	0.008	36.848
rs7632381	3	141106063	C	T	0.444	0.027	0.002	1.20E-41	462117	HC	0.040	182.748
rs76577501	7	26756958	A	G	0.085	0.021	0.004	3.50E-09	462117	HC	0.008	34.891
rs765874	6	143185557	A	T	0.489	-	0.002	3.10E-17	462117	HC	0.015	71.259
rs76647086	1	23429461	T	G	0.177	-	0.003	8.00E-15	462117	HC	0.013	60.346
rs76798800	1	154994978	T	G	0.266	0.024	0.002	2.20E-27	462117	HC	0.025	117.492

rs76895963	12	4384844	G	T	0.02 1	0.086	0.008	1.40E -28	46211 7	HC	0.027	123.005
rs7695177	4	89737558	G	C	0.47 1	- 0.015	0.002	3.10E -14	46211 7	HC	0.012	57.694
rs7696175	4	38820986	C	T	0.52 6	0.014	0.002	1.10E -11	46211 7	HC	0.010	46.109
rs7708584	5	15354346 6	G	A	0.57 2	- 0.013	0.002	5.30E -11	46211 7	HC	0.009	43.064
rs7740107	6	13037446 1	A	T	0.73 6	- 0.024	0.002	1.10E -25	46211 7	HC	0.024	109.809
rs779655	5	17049515 8	C	G	0.72 9	0.014	0.002	1.60E -10	46211 7	HC	0.009	40.884
rs7805441	7	78121458	T	C	0.50 2	0.013	0.002	2.50E -10	46211 7	HC	0.009	40.021
rs7824785	8	12811471 0	T	C	0.03 4	- 0.037	0.006	2.10E -11	46211 7	HC	0.010	44.921
rs7864465	9	13380808 0	A	G	0.55 9	- 0.011	0.002	3.30E -08	46211 7	HC	0.007	30.517
rs7893571	10	16750129	T	G	0.66	0.014	0.002	6.50E	46211	HC	0.009	42.662

					6			-11	7			
rs7903146	10	11475834	T	C	0.29	-	0.002	1.70E	46211	HC	0.021	95.272
		9			1	0.021		-22	7			
rs7944782	11	13079569	G	T	0.51	0.013	0.002	9.90E	46211	HC	0.009	41.836
		8			0			-11	7			
rs7952436	11	67024534	T	C	0.08	-	0.004	1.60E	46211	HC	0.021	95.314
					2	0.035		-22	7			
rs7996639	13	97019090	A	G	0.44	0.014	0.002	1.10E	46211	HC	0.010	46.151
					9			-11	7			
rs8007429	14	35366743	A	G	0.13	0.019	0.003	3.40E	46211	HC	0.009	39.433
					0			-10	7			
rs8030456	15	68076856	T	C	0.22	-	0.002	2.10E	46211	HC	0.023	108.460
					6	0.025		-25	7			
rs8132129	21	17400916	T	C	0.18	-	0.003	8.40E	46211	HC	0.008	37.654
					5	0.016		-10	7			
rs8133137	21	40290503	G	A	0.66	0.016	0.002	8.80E	46211	HC	0.012	55.628
					4			-14	7			
rs815163	1	19029472	C	T	0.56	-	0.002	3.20E	46211	HC	0.015	71.200
		6			3	0.017		-17	7			

rs852042	20	17091233	G	A	0.75	-	0.002	4.30E	46211	HC	0.009	43.494
					9	0.015		-11	7			
rs852983	5	14271206	A	G	0.46	-	0.002	2.80E	46211	HC	0.008	35.288
		4			0	0.012		-09	7			
rs866006	5	11217655	G	T	0.61	-	0.002	4.00E	46211	HC	0.007	34.607
		9			9	0.012		-09	7			
rs897186	3	93985100	G	A	0.54	-	0.002	9.20E	46211	HC	0.014	64.590
					9	0.016		-16	7			
rs9284814	3	88273071	A	G	0.88		0.003	1.50E	46211	HC	0.012	54.605
					5	0.023		-13	7			
rs9378684	6	2110941	T	C	0.20		0.003	5.80E	46211	HC	0.011	51.920
					1	0.018		-13	7			
rs9385385	6	12612228	T	C	0.44		0.002	2.00E	46211	HC	0.009	40.438
		0			8	0.013		-10	7			
rs9512696	13	28012527	G	A	0.66		0.002	3.60E	46211	HC	0.014	66.466
					2	0.017		-16	7			
rs9513018	13	28640563	T	G	0.61	-	0.002	4.50E	46211	HC	0.006	29.909
					6	0.011		-08	7			
rs9611160	22	39747418	A	G	0.07	0.022	0.004	8.70E	46211	HC	0.007	33.102

					5			-09	7			
rs968379	2	172401050	T	C	0.229	-	0.002	2.40E-15	462117	HC	0.014	62.683
rs9764678	5	118726662	C	T	0.272	0.016	0.002	7.60E-13	462117	HC	0.011	51.378
rs9788550	14	296811387	C	G	0.247	-	0.002	2.70E-20	462117	HC	0.018	85.190
rs9830592	3	104631603	A	C	0.582	0.014	0.002	7.10E-12	462117	HC	0.010	46.992
rs9843653	3	499205712	C	T	0.512	0.018	0.002	3.60E-20	462117	HC	0.018	84.640
rs9845755	3	129329566	T	A	0.199	0.027	0.002	6.30E-28	462117	HC	0.026	120.000
rs9850529	3	148776611	A	G	0.340	0.011	0.002	4.50E-08	462117	HC	0.006	29.923
rs987237	6	508030500	G	A	0.180	0.034	0.003	2.50E-40	462117	HC	0.038	176.771
rs9876664	3	858063135	T	G	0.375	-	0.002	2.90E-12	462117	HC	0.011	48.771

rs9951619	18	56882326	G	T	0.76 7	0.014	0.002	5.60E -09	46211 7	HC	0.007	33.981
rs9955276	18	1839339	T	C	0.14 4	0.018	0.003	8.40E -10	46211 7	HC	0.008	37.661
rs9967287	18	63350718	T	G	0.25 2	0.014	0.002	7.80E -10	46211 7	HC	0.008	37.798
rs9967367	18	42606091	T	C	0.29 3	- 0.017	0.002	2.70E -15	46211 7	HC	0.014	62.450
rs998584	6	43757896	A	C	0.48 3	- 0.022	0.002	5.90E -29	46211 7	HC	0.027	124.691
rs10100245	8	77226919	A	G	0.56 6	0.015	0.002	4.08E -12	33663 9	WC	0.014	48.091
rs10128597	11	8694830	A	G	0.27 4	- 0.016	0.002	1.80E -11	33663 9	WC	0.013	45.184
rs10236214	7	15066807 0	T	C	0.64 1	0.015	0.002	1.14E -10	33663 9	WC	0.012	41.573
rs10237306	7	12195598 1	T	G	0.38 0	0.013	0.002	1.64E -09	33663 9	WC	0.011	36.367
rs10269774	7	92253972	A	G	0.32	0.013	0.002	9.63E	33663	WC	0.010	32.915

					4				-09	9			
rs10423928	19	46182304	A	T	0.19	-	0.003	9.07E	33663				
					3	0.026		-22	9	WC	0.027	91.922	
rs10459088	12	28268853	A	G	0.26	0.014	0.002	3.49E	33663				
					0			-08	9	WC	0.009	30.417	
rs1056441	20	62370349	C	T	0.67	0.013	0.002	2.35E	33663				
					3			-08	9	WC	0.009	31.186	
rs10787738	10	11877737	T	C	0.25	0.017	0.003	3.17E	33663				
		1			3			-12	9	WC	0.014	48.583	
rs10803762	2	16110587	A	G	0.67	0.014	0.002	3.82E	33663				
		6			9			-10	9	WC	0.012	39.206	
rs10938398	4	45186139	A	G	0.43	0.021	0.002	1.68E	33663				
					3			-21	9	WC	0.027	90.703	
rs10957088	8	60220457	C	T	0.16	0.016	0.003	2.68E	33663				
					0			-08	9	WC	0.009	30.924	
rs10992841	9	96430115	T	C	0.68	-	0.002	4.32E	33663				
					5	0.014		-09	9	WC	0.010	34.477	
rs11012732	10	21830104	G	A	0.33	0.022	0.002	3.27E	33663				
					1			-21	9	WC	0.027	89.385	

rs11039266	11	47532395	G	T	0.27	-	0.002	1.56E	33663	WC	0.024	81.743
					8	0.022		-19	9			
rs11099020	4	13072490	T	C	0.64	-	0.002	2.07E	33663	WC	0.009	31.430
		2			3	0.013		-08	9			
rs11150745	17	78757626	G	A	0.31	-	0.002	1.33E	33663	WC	0.015	50.285
					9	0.016		-12	9			
rs11164087	19	30290357	C	G	0.33	-	0.002	1.24E	33663	WC	0.022	73.095
2					1	0.020		-17	9			
rs11208779	1	66417145	C	G	0.53	-	0.002	1.96E	33663	WC	0.011	36.018
					2	0.013		-09	9			
rs11256646	1	39562627	T	C	0.21	-	0.003	7.25E	33663	WC	0.014	46.960
7					3	0.018		-12	9			
rs1154988	3	13592519	A	T	0.77	-	0.003	9.70E	33663	WC	0.014	46.392
		1			4	0.018		-12	9			
rs1159974	6	12609027	C	T	0.52	-	0.002	4.19E	33663	WC	0.010	34.534
		7			8	0.013		-09	9			
rs11636611	15	36391965	T	C	0.50	-	0.002	6.11E	33663	WC	0.010	33.802
					3	0.013		-09	9			
rs11642015	16	53802494	T	C	0.40	-	0.002	1.41E	33663	WC	0.196	660.759
						0.056						

					2				-145	9			
rs11653367	17	44191483	G	A	0.32	-	0.002	5.11E	33663				
					6	0.018		-15	9	WC	0.018	61.223	
rs11666480	19	1856554	G	C	0.53		0.002	9.29E	33663				
					7	0.015		-13	9	WC	0.015	50.992	
rs11757278	6	13180454	C	T	0.30	-	0.002	2.04E	33663				
					6	0.014		-09	9	WC	0.011	35.939	
rs11764337	7	1892309	T	C	0.18	-	0.003	4.25E	33663				
					3	0.015		-08	9	WC	0.009	30.031	
rs1182199	7	2862542	A	C	0.30	-	0.002	6.60E	33663				
					5	0.016		-12	9	WC	0.014	47.146	
rs11824092	11	13346294	C	T	0.63		0.002	2.52E	33663				
					7	0.013		-09	9	WC	0.011	35.527	
rs1184570	6	83388343	T	C	0.52	-	0.002	3.84E	33663				
					5	0.013		-10	9	WC	0.012	39.195	
rs11878477	19	18837993	G	A	0.50	-	0.002	1.94E	33663				
					4	0.014		-11	9	WC	0.013	45.029	
rs12096864	1	20943914	C	T	0.11		0.003	1.54E	33663				
		1			8	0.022		-10	9	WC	0.012	40.976	

					9	0.014		-08	9			
rs12806052	11	13451886	T	C	0.16	-	0.003	7.01E	33663	WC	0.013	42.517
		8			5	0.019		-11	9			
rs12877270	13	97047020	A	G	0.43	0.013	0.002	9.98E	33663	WC	0.011	37.331
					8			-10	9			
rs12881629	14	10114641	G	A	0.08	0.022	0.004	1.63E	33663	WC	0.009	31.897
		3			2			-08	9			
rs13047416	21	40309436	G	C	0.37	-	0.002	2.95E	33663	WC	0.010	35.216
					5	0.013		-09	9			
rs13210406	6	97752902	G	C	0.29	-	0.002	8.40E	33663	WC	0.011	37.667
					1	0.015		-10	9			
rs1321521	6	51771578	A	C	0.34	0.015	0.002	5.28E	33663	WC	0.013	43.071
					6			-11	9			
rs13264909	8	64702385	T	A	0.42	-	0.002	5.50E	33663	WC	0.010	34.006
					8	0.013		-09	9			
rs13322435	3	15679546	G	A	0.40	-	0.002	1.10E	33663	WC	0.016	55.179
		8			2	0.016		-13	9			
rs13333747	16	2175373	C	T	0.18	-	0.003	2.07E	33663	WC	0.020	67.540
					2	0.023		-16	9			

rs13420048	2	50751414	A	C	0.36	-	0.002	5.37E	33663	WC	0.011	38.539
					1	0.014		-10	9			
rs13423444	2	15512564	A	G	0.13	0.018	0.003	1.03E	33663	WC	0.010	32.784
		4			9			-08	9			
rs13427822	2	21341426	G	A	0.27	-	0.002	6.21E	33663	WC	0.013	42.755
		5			2	0.016		-11	9			
rs1379828	13	54396602	T	C	0.79	-	0.003	5.42E	33663	WC	0.011	38.522
					8	0.017		-10	9			
rs1383723	4	67803507	T	A	0.78	-	0.003	2.62E	33663	WC	0.013	44.447
					2	0.017		-11	9			
rs1411432	9	16728532	C	A	0.18	0.016	0.003	3.52E	33663	WC	0.010	34.876
					4			-09	9			
rs1412239	9	28425515	G	C	0.32	0.020	0.002	8.13E	33663	WC	0.022	73.928
					5			-18	9			
rs1441264	13	79580919	A	G	0.59	0.016	0.002	5.82E	33663	WC	0.015	51.910
					2			-13	9			
rs1454687	3	94038085	G	C	0.51	-	0.002	2.02E	33663	WC	0.020	67.588
					5	0.018		-16	9			
rs14631154	5	244493	G	A	0.13	0.018	0.003	3.78E	33663	WC	0.009	30.259

7					1			-08	9			
rs1470749	7	50578023	T	G	0.51	-	0.002	3.26E	33663	WC	0.012	39.515
					1	0.014		-10	9			
rs1472872	4	17524381	G	A	0.07	-	0.004	3.87E	33663	WC	0.009	30.216
		5			9	0.022		-08	9			
rs14778616	12	12258378	G	A	0.43		0.002	4.89E	33663	WC	0.009	29.761
1		1			6	0.012		-08	9			
rs1559900	8	14207321	T	C	0.28		0.002	4.62E	33663	WC	0.009	29.869
					5	0.013		-08	9			
rs1566085	8	14262452	T	G	0.54	-	0.002	4.35E	33663	WC	0.010	34.460
		7			5	0.013		-09	9			
rs1582931	5	12265719	A	G	0.47	-	0.002	1.35E	33663	WC	0.014	45.737
		9			2	0.015		-11	9			
rs1609303	2	18156755	A	T	0.63		0.002	2.09E	33663	WC	0.017	58.451
		6			1	0.017		-14	9			
rs1652376	18	21109466	T	G	0.46	-	0.002	1.58E	33663	WC	0.024	81.711
					4	0.019		-19	9			
rs17060974	13	40765013	G	T	0.23		0.003	4.71E	33663	WC	0.009	29.836
					1	0.014		-08	9			

rs1724557	4	13709404 8	A	C	0.58 8	- 0.014	0.002	1.52E -10	33663 9	WC	0.012	41.001
rs1752169	9	12658656 3	A	C	0.24 9	- 0.015	0.002	1.90E -09	33663 9	WC	0.011	36.080
rs17639996	3	61269668	A	G	0.15 1	- 0.017	0.003	3.93E -08	33663 9	WC	0.009	30.186
rs17708311	6	94678897	C	G	0.06 7	- 0.025	0.004	3.41E -09	33663 9	WC	0.010	34.936
rs17716502	8	11665973 1	T	C	0.20 7	- 0.018	0.003	2.23E -11	33663 9	WC	0.013	44.758
rs1776209	10	93810872	G	A	0.29 3	- 0.014	0.002	9.24E -09	33663 9	WC	0.010	32.996
rs1782508	11	30243795	G	C	0.65 6	- 0.015	0.002	2.79E -11	33663 9	WC	0.013	44.321
rs1834144	18	40744790	A	C	0.37 4	- 0.015	0.002	4.77E -11	33663 9	WC	0.013	43.271
rs1914888	17	21267541	G	A	0.49 0	- 0.012	0.002	1.81E -08	33663 9	WC	0.009	31.685
rs1928496	13	31012904	T	C	0.74	0.014	0.002	3.95E	33663	WC	0.010	34.650

					2			-09	9			
rs1942826	18	63345799	A	G	0.12	0.021	0.003	2.72E	33663	WC	0.012	39.869
					4			-10	9			
rs2016469	3	10802396	A	G	0.37	0.012	0.002	3.26E	33663	WC	0.009	30.545
		5			4			-08	9			
rs208015	17	46252346	C	T	0.93	-	0.004	1.91E	33663	WC	0.016	54.098
					2	0.032		-13	9			
rs2121058	13	58627256	C	T	0.22	-	0.003	3.61E	33663	WC	0.014	48.331
					9	0.018		-12	9			
rs2126165	5	15316759	G	A	0.51	-	0.002	3.08E	33663	WC	0.013	44.127
		5			1	0.014		-11	9			
rs2172131	10	13397896	C	T	0.58	-	0.002	1.35E	33663	WC	0.012	41.232
		2			1	0.014		-10	9			
rs217671	14	62360464	G	A	0.27	0.014	0.002	1.03E	33663	WC	0.010	32.778
					2			-08	9			
rs2183947	6	26159356	A	G	0.22	-	0.003	9.09E	33663	WC	0.026	87.362
					4	0.024		-21	9			
rs2192527	4	18329824	G	A	0.46	0.015	0.002	4.31E	33663	WC	0.014	47.981
					5			-12	9			

rs2242259	12	12226510 6	C	T	0.55 6	- 0.014	0.002	5.08E -11	33663 9	WC	0.013	43.148
rs2253310	6	10888859 3	G	C	0.62 8	- 0.019	0.002	8.86E -18	33663 9	WC	0.022	73.759
rs2306593	17	34866546	T	C	0.48 9	- 0.017	0.002	4.03E -15	33663 9	WC	0.018	61.691
rs2307111	5	75003678	C	T	0.39 3	- 0.025	0.002	7.66E -29	33663 9	WC	0.037	124.211
rs2370982	14	79890677	T	C	0.21 5	- 0.021	0.003	6.46E -15	33663 9	WC	0.018	60.761
rs2404324	7	99023461	G	A	0.15 5	- 0.019	0.003	8.48E -11	33663 9	WC	0.013	42.146
rs241461	1	49787255	A	T	0.68 1	- 0.018	0.002	3.52E -15	33663 9	WC	0.018	61.959
rs2417998	9	11195874 6	G	C	0.70 6	- 0.016	0.002	2.01E -11	33663 9	WC	0.013	44.964
rs2433733	2	23081670 3	A	G	0.68 1	- 0.017	0.002	2.68E -13	33663 9	WC	0.016	53.436
rs2439823	10	99778226	G	A	0.54	0.016	0.002	2.67E	33663	WC	0.016	53.442

rs2455821	3	15681940	A	C	8	0.27	0.015	0.002	-13	9	2.98E	33663	WC	0.012	39.692
					1				-10	9					
rs245775	5	17053210	G	A	9	0.72	0.016	0.002	2.70E	33663	2.70E	33663	WC	0.013	44.388
		5							-11	9					
rs2470167	15	51726258	A	G	4	0.20	0.015	0.003	2.84E	33663	2.84E	33663	WC	0.009	30.814
									-08	9					
rs2482704	9	94182363	T	G	3	0.42	-	0.002	2.69E	33663	2.69E	33663	WC	0.011	35.398
							0.013		-09	9					
rs254024	5	10394402	T	G	7	0.43	0.014	0.002	9.39E	33663	9.39E	33663	WC	0.012	41.947
		0							-11	9					
rs2660241	16	4940023	C	T	3	0.36	0.015	0.002	6.38E	33663	6.38E	33663	WC	0.013	42.703
									-11	9					
rs2678204	1	20180051	G	T	2	0.34	0.019	0.002	1.15E	33663	1.15E	33663	WC	0.022	73.245
		1							-17	9					
rs2725371	8	30854033	G	A	6	0.69	-	0.002	2.16E	33663	2.16E	33663	WC	0.017	58.383
							0.018		-14	9					
rs2814943	6	34552736	A	G	0	0.14	0.034	0.003	1.11E	33663	1.11E	33663	WC	0.037	123.472
									-28	9					

rs28366156	6	31671498	C	T	0.13	-	0.003	2.53E	33663	WC	0.013	44.514
					1	0.021		-11	9			
rs2861692	2	67838719	C	T	0.27	-	0.002	1.79E	33663	WC	0.016	54.222
					6	0.018		-13	9			
rs2903738	19	32946043	T	A	0.22	-	0.003	2.58E	33663	WC	0.011	35.481
					0	0.015		-09	9			
rs34045288	6	40369081	T	C	0.33	-	0.002	6.30E	33663	WC	0.029	97.204
					6	0.022		-23	9			
rs34483452	5	87986314	A	C	0.13	-	0.003	2.37E	33663	WC	0.019	62.737
					5	0.025		-15	9			
rs34994596	15	80991447	C	T	0.29	-	0.002	5.29E	33663	WC	0.014	47.578
					8	0.016		-12	9			
rs350832	19	4069426	A	G	0.77	-	0.003	3.95E	33663	WC	0.012	39.137
					1	0.016		-10	9			
rs35343344	19	18471610	A	C	0.26	-	0.002	9.81E	33663	WC	0.014	46.369
					7	0.017		-12	9			
rs3764002	12	10861863	T	C	0.26	-	0.002	7.75E	33663	WC	0.011	37.823
		0			1	0.015		-10	9			
rs3766823	1	32197257	A	G	0.17	-	0.003	4.75E	33663	WC	0.009	29.816

					2			-08	9			
rs3784692	15	67988133	T	C	0.60	0.020	0.002	6.41E	33663	WC	0.023	78.947
					3			-19	9			
rs3802858	11	11507849	C	T	0.42	-	0.002	3.02E	33663	WC	0.009	30.698
		2			7	0.012		-08	9			
rs3814883	16	29994922	T	C	0.48	0.028	0.002	2.09E	33663	WC	0.050	167.980
					3			-38	9			
rs3826408	17	7101292	T	C	0.45	0.012	0.002	8.64E	33663	WC	0.010	33.128
					7			-09	9			
rs41279738	1	11008255	G	T	0.02	0.051	0.007	9.56E	33663	WC	0.016	55.459
		1			6			-14	9			
rs429358	19	45411941	C	T	0.15	-	0.003	3.19E	33663	WC	0.020	66.688
					6	0.024		-16	9			
rs4322261	1	98405856	A	G	0.83	-	0.003	2.93E	33663	WC	0.012	39.723
					6	0.018		-10	9			
rs4467770	6	12086826	A	G	0.73	0.014	0.002	8.21E	33663	WC	0.010	33.226
					1			-09	9			
rs4482463	2	20537590	A	C	0.92	-	0.004	1.48E	33663	WC	0.015	50.077
		9			4	0.029		-12	9			

rs4718964	7	70038969	T	G	0.41 2	0.015	0.002	2.49E -11	33663 9	WC	0.013	44.544
rs4741546	9	15846112	T	C	0.39 7	- 0.015	0.002	2.38E -12	33663 9	WC	0.015	49.143
rs4856407	3	82691680	T	C	0.36 4	0.015	0.002	4.20E -12	33663 9	WC	0.014	48.032
rs4856721	3	16144737 4	A	G	0.53 9	0.013	0.002	4.62E -09	33663 9	WC	0.010	34.343
rs4981693	14	29680331	A	G	0.77 3	0.018	0.003	7.20E -12	33663 9	WC	0.014	46.974
rs525101	13	11196972 8	C	T	0.37 2	0.013	0.002	6.82E -09	33663 9	WC	0.010	33.587
rs539515	1	17788902 5	C	A	0.20 8	0.035	0.003	1.35E -40	33663 9	WC	0.053	178.014
rs541577	7	32382895	G	A	0.62 1	- 0.012	0.002	4.66E -08	33663 9	WC	0.009	29.854
rs55726687	12	991306	A	G	0.21 1	0.018	0.003	1.01E -11	33663 9	WC	0.014	46.319
rs56203712	4	25342606	G	A	0.23	-	0.003	1.79E	33663	WC	0.012	40.685

					8	0.017		-10	9			
rs56362718	12	13339955	C	T	0.31	0.015	0.002	8.46E	33663	WC	0.013	42.150
		3			0			-11	9			
rs56803094	15	99222509	G	A	0.22	-	0.003	9.26E	33663	WC	0.011	37.476
					7	0.016		-10	9			
rs57636386	18	58048295	C	T	0.08	-	0.004	4.35E	33663	WC	0.021	70.619
					3	0.033		-17	9			
rs58568715	11	65662985	G	A	0.16		0.003	3.30E	33663	WC	0.010	34.999
					4	0.017		-09	9			
rs588660	1	96886604	A	G	0.58		0.002	3.52E	33663	WC	0.013	43.865
					6	0.014		-11	9			
rs59227842	11	43692423	G	A	0.31		0.002	1.91E	33663	WC	0.020	67.704
					2	0.019		-16	9			
rs6096886	20	50951298	G	A	0.19	-	0.003	2.76E	33663	WC	0.023	76.059
					0	0.024		-18	9			
rs61813324	1	15604987	T	C	0.13		0.003	2.77E	33663	WC	0.012	39.830
		7			5	0.020		-10	9			
rs61826867	1	17437743	G	A	0.11		0.003	3.38E	33663	WC	0.009	30.475
		5			0	0.019		-08	9			

rs61888762	11	27709630	G	C	0.32 2	0.027	0.002	1.28E -31	33663 9	WC	0.041	136.911
rs61992671	14	10153185 4	G	A	0.49 6	- 0.013	0.002	8.54E -09	33663 9	WC	0.010	33.149
rs62071997	17	52927255	C	T	0.21 9	0.016	0.003	3.15E -10	33663 9	WC	0.012	39.580
rs62106258	2	417167	C	T	0.04 8	- 0.068	0.005	5.43E -42	33663 9	WC	0.055	184.403
rs62120394	19	18338709	A	G	0.29 1	0.021	0.002	2.34E -18	33663 9	WC	0.023	76.391
rs62246314	3	9504099	A	G	0.10 1	0.022	0.004	1.17E -09	33663 9	WC	0.011	37.027
rs62261725	3	85898626	G	A	0.32 7	- 0.018	0.002	2.41E -15	33663 9	WC	0.019	62.701
rs6433243	2	17160549 5	C	T	0.64 8	- 0.014	0.002	1.98E -10	33663 9	WC	0.012	40.486
rs6575340	14	94023972	A	G	0.63 7	0.018	0.002	5.77E -15	33663 9	WC	0.018	60.983
rs6687953	1	11229351	G	A	0.39	0.013	0.002	1.75E	33663	WC	0.011	36.237

		2			1			-09	9			
rs6688826	1	80812329	C	T	0.30	0.013	0.002	1.02E	33663	WC	0.010	32.812
					0			-08	9			
rs66922415	18	57848651	G	A	0.23	0.043	0.003	1.45E	33663	WC	0.087	292.581
					4			-65	9			
rs6739755	2	59330227	G	A	0.60	-	0.002	2.49E	33663	WC	0.017	58.105
					3	0.017		-14	9			
rs67632512	5	92251840	A	C	0.11	0.019	0.003	1.46E	33663	WC	0.010	32.103
					7			-08	9			
rs704061	12	89771903	C	T	0.45	0.016	0.002	4.79E	33663	WC	0.017	56.817
					3			-14	9			
rs7094644	10	16773864	A	G	0.67	0.014	0.002	6.05E	33663	WC	0.011	38.308
					4			-10	9			
rs71495049	10	34014435	A	G	0.08	0.023	0.004	3.87E	33663	WC	0.010	34.688
					4			-09	9			
rs7154982	14	25935161	A	G	0.26	-	0.002	4.79E	33663	WC	0.012	38.762
					9	0.015		-10	9			
rs71658797	1	77967507	A	T	0.12	0.029	0.003	2.36E	33663	WC	0.024	80.920
					4			-19	9			

rs7171864	15	73227249	A	G	0.66 1	0.014	0.002	2.44E -09	33663 9	WC	0.011	35.588
rs7206608	16	82872628	G	C	0.32 3	0.013	0.002	1.39E -08	33663 9	WC	0.010	32.196
rs7239114	18	45921214	A	G	0.54 3	0.013	0.002	6.24E -09	33663 9	WC	0.010	33.760
rs7259070	19	47562509	C	T	0.59 9	0.017	0.002	4.40E -15	33663 9	WC	0.018	61.518
rs72793809	16	28832382	T	C	0.40 4	0.027	0.002	9.10E -34	33663 9	WC	0.044	146.738
rs72892910	6	50816887	T	G	0.17 0	0.032	0.003	1.31E -28	33663 9	WC	0.037	123.149
rs72917544	2	17524156 6	A	G	0.18 6	- 0.017	0.003	1.27E -09	33663 9	WC	0.011	36.860
rs73140125	3	88064401	G	A	0.13 0	- 0.019	0.003	2.59E -09	33663 9	WC	0.011	35.472
rs73213484	4	28489339	T	A	0.13 9	- 0.019	0.003	8.21E -10	33663 9	WC	0.011	37.712
rs7377083	4	10270899	A	C	0.43	0.014	0.002	4.15E	33663	WC	0.013	43.547

		7			1			-11	9			
rs73985439	2	21229924	C	A	0.30	0.014	0.002	9.73E	33663	WC	0.011	37.380
		9			8			-10	9			
rs7442885	5	87682877	G	C	0.21	-	0.003	5.55E	33663	WC	0.021	70.136
					0	0.022		-17	9			
rs750090	4	15293143	C	T	0.35	-	0.002	3.19E	33663	WC	0.009	30.590
		6			6	0.013		-08	9			
rs76040172	21	46488959	A	G	0.05	-	0.005	1.26E	33663	WC	0.015	50.391
					4	0.034		-12	9			
rs76286777	2	25195577	C	T	0.21	0.026	0.003	3.87E	33663	WC	0.031	102.728
					9			-24	9			
rs76895963	12	4384844	G	T	0.01	0.055	0.008	4.89E	33663	WC	0.013	43.223
					9			-11	9			
rs76929617	12	12086779	G	A	0.03	-	0.006	1.04E	33663	WC	0.018	59.819
		8			9	0.043		-14	9			
rs7728095	5	13908409	G	A	0.38	0.014	0.002	1.29E	33663	WC	0.012	41.320
		2			8			-10	9			
rs7752202	6	33389603	T	C	0.14	0.021	0.003	2.14E	33663	WC	0.013	44.843
					3			-11	9			

rs7925100	11	11894159 6	A	G	0.39 6	0.014	0.002	4.27E -10	33663 9	WC	0.012	38.987
rs7930006	11	13318385 6	T	C	0.45 4	- 0.013	0.002	6.62E -10	33663 9	WC	0.011	38.131
rs7948120	11	28763321	T	C	0.25 9	- 0.014	0.002	1.02E -08	33663 9	WC	0.010	32.813
rs7952436	11	67024534	T	C	0.08 3	- 0.026	0.004	2.32E -11	33663 9	WC	0.013	44.683
rs80135947	17	65836001	C	A	0.19 5	0.025	0.003	2.20E -20	33663 9	WC	0.025	85.616
rs80330591	2	15936872 0	A	G	0.14 7	- 0.017	0.003	4.48E -08	33663 9	WC	0.009	29.931
rs8097672	18	1839601	T	A	0.14 5	0.018	0.003	2.99E -09	33663 9	WC	0.010	35.190
rs809955	4	14087476 0	A	G	0.36 7	- 0.012	0.002	3.33E -08	33663 9	WC	0.009	30.506
rs815163	1	19029472 6	C	T	0.56 2	- 0.014	0.002	4.55E -10	33663 9	WC	0.012	38.861
rs8192675	3	17072488	C	T	0.28	0.015	0.002	1.13E	33663	WC	0.012	41.588

		3			7			-10	9			
rs868784	11	43944388	A	G	0.38	-	0.002	3.18E	33663	WC	0.009	30.598
					0	0.012		-08	9			
rs869400	3	18582674	G	T	0.81		0.003	4.97E	33663	WC	0.016	52.219
		0			6	0.020		-13	9			
rs879620	16	4015729	T	C	0.61		0.002	3.13E	33663	WC	0.027	89.474
					5	0.021		-21	9			
rs894736	12	54418166	G	A	0.36		0.002	5.23E	33663	WC	0.018	61.179
					2	0.018		-15	9			
rs9289630	3	14117867	C	G	0.39		0.002	2.30E	33663	WC	0.015	49.213
		0			1	0.016		-12	9			
rs9370243	6	53789830	T	G	0.08		0.004	2.16E	33663	WC	0.009	31.349
					1	0.022		-08	9			
rs9378684	6	2110941	T	C	0.20		0.003	8.07E	33663	WC	0.011	37.746
					1	0.017		-10	9			
rs9402104	6	12941073	A	G	0.58		0.002	3.95E	33663	WC	0.009	30.176
		6			4	0.012		-08	9			
rs9522279	13	11222129	T	C	0.42		0.002	1.97E	33663	WC	0.011	36.007
		6			5	0.013		-09	9			

rs9610311	22	35924713	C	T	0.307	0.014	0.002	1.07E-08	336639	WC	0.010	32.704
rs9688977	6	154336892	C	T	0.146	0.019	0.003	8.80E-10	336639	WC	0.011	37.575
rs9843653	3	49920571	C	T	0.515	0.021	0.002	2.68E-22	336639	WC	0.028	94.339
rs9867068	3	35674248	G	C	0.246	0.018	0.002	3.43E-13	336639	WC	0.016	52.950
rs9968060	3	62471282	T	C	0.647	0.015	0.002	4.38E-11	336639	WC	0.013	43.438
rs10820747	9	107686823	A	G	0.218	0.002	3.00E-04	7.06E-10	85978	WHR	0.057	48.999
rs115675705	6	34094919	G	A	0.024	0.006	9.00E-04	5.93E-11	81000	WHR	0.048	38.715
rs13389219	2	165528876	T	C	0.435	-	3.00E-04	2.34E-16	85978	WHR	0.074	63.999
rs1409158	1	119538890	T	C	0.241	0.002	3.00E-04	2.92E-09	85978	WHR	0.052	44.443
rs1469024	19	18384544	T	C	0.36	-	3.00E-04	5.93E	85978	WHR	0.063	53.777

					2	0.002		-14				
rs1534696	7	26397239	A	C	0.43	-	3.00E-04	9.08E	85978	WHR	0.037	32.110
					9	0.002		-09				
rs2292137	12	12333935	G	C	0.33	0.002	3.00E-04	3.41E	82966	WHR	0.043	35.999
		8			3			-09				
rs2810894	1	92143234	G	A	0.36	0.002	3.00E-04	1.24E	85978	WHR	0.037	32.110
					9			-08				
rs4132228	3	64708114	T	C	0.28	-	3.00E-04	1.46E	85978	WHR	0.047	40.110
					1	0.002		-09				
rs4711750	6	43757082	A	T	0.47	0.002	3.00E-04	3.92E	83818	WHR	0.076	63.998
					9			-17				
rs549058	13	51201045	T	G	0.09	-	4.00E-04	4.67E	85461	WHR	0.039	33.062
					1	0.002		-08				
rs6068191	20	51068611	A	C	0.43	0.002	3.00E-04	6.13E	85978	WHR	0.037	32.110
					1			-09				
rs7133378	12	12440950	A	G	0.35	-	3.00E-04	5.79E	85978	WHR	0.074	63.999
		2			0	0.002		-15				
rs718700	1	21967014	T	C	0.38	0.002	3.00E-04	8.00E	85978	WHR	0.037	32.110
		8			9			-09				

rs72959041	6	127454893	A	G	0.051	0.009	6.00E-04	1.25E-43	81000	WHR	0.271	220.022
rs1000940	17	5283252	G	A	0.349	0.018	0.003	1.81E-08	236781	BMI	0.013	31.089
rs10132280	14	25928179	A	C	0.322	-0.022	0.003	1.40E-11	236781	BMI	0.019	44.849
rs1016287	2	59305625	C	T	0.280	-0.023	0.003	4.36E-12	236781	BMI	0.020	47.735
rs10182181	2	25150296	G	A	0.466	0.031	0.003	8.07E-26	236781	BMI	0.048	113.532
rs10733682	9	129460914	G	A	0.494	-0.019	0.003	2.45E-10	236781	BMI	0.017	39.271
rs10840100	11	8669437	G	A	0.371	0.021	0.003	6.67E-12	236781	BMI	0.020	47.151
rs11030104	11	27684517	G	A	0.221	-0.042	0.004	6.66E-30	236781	BMI	0.053	126.409
rs11057405	12	122781897	A	G	0.089	-0.030	0.005	1.22E-08	236781	BMI	0.014	32.900
rs11165643	1	96924097	T	C	0.41	0.022	0.003	1.43E	23678	BMI	0.023	54.267

					8			-13	1			
rs11672660	19	46180184	T	C	0.21	-	0.004	7.91E	23678	BMI	0.034	79.585
					4	0.034		-19	1			
rs1167827	7	75163169	G	A	0.46	0.020	0.003	1.98E	23678	BMI	0.018	41.623
					0			-10	1			
rs11727676	4	14565906	C	T	0.07	-	0.006	6.25E	23678	BMI	0.014	33.566
		4			7	0.037		-09	1			
rs12286929	11	11502240	G	A	0.48	0.021	0.003	5.44E	23678	BMI	0.022	52.938
		4			4			-13	1			
rs12429545	13	54102206	A	G	0.11	0.032	0.004	3.15E	23678	BMI	0.023	54.223
					1			-13	1			
rs12448257	16	3599655	A	G	0.20	0.025	0.004	3.90E	23678	BMI	0.019	44.204
					4			-11	1			
rs12940622	17	78615571	A	G	0.43	-	0.003	3.64E	23678	BMI	0.017	39.820
					2	0.018		-10	1			
rs12986742	2	58975143	C	T	0.45	0.021	0.004	8.92E	23678	BMI	0.014	33.062
					9			-09	1			
rs13021737	2	632348	G	A	0.17	0.060	0.004	5.44E	23678	BMI	0.101	239.851
					4			-54	1			

rs13078960	3	85807590	G	T	0.208	0.029	0.004	1.42E-14	236781	BMI	0.025	58.241
rs13107325	4	103188709	T	C	0.080	0.047	0.007	1.06E-12	236781	BMI	0.022	51.144
rs13130484	4	45175691	T	C	0.419	0.040	0.003	8.01E-41	236781	BMI	0.074	176.003
rs13191362	6	163033350	G	A	0.128	-0.029	0.005	1.09E-09	236781	BMI	0.016	36.770
rs13201877	6	137675541	G	A	0.129	0.024	0.004	4.28E-08	236781	BMI	0.013	30.122
rs13329567	15	68104367	T	C	0.232	-0.031	0.004	1.53E-18	236781	BMI	0.032	76.937
rs1421085	16	53800954	C	T	0.432	0.080	0.003	2.17E-158	236781	BMI	0.302	716.448
rs1441264	13	79580919	A	G	0.374	0.017	0.003	2.96E-08	236781	BMI	0.013	30.784
rs1460676	2	164567689	C	T	0.169	0.021	0.004	4.98E-08	236781	BMI	0.013	30.250
rs14810	19	34304903	G	C	0.32	0.018	0.003	1.92E	23678	BMI	0.013	30.752

					8			-08	1			
rs1516725	3	18582400	C	T	0.13			1.39E	23678	BMI	0.044	103.669
		4			8	0.045	0.004	-24	1			
rs1528435	2	18155096	T	C	0.41			4.77E	23678	BMI	0.014	34.027
		2			6	0.018	0.003	-09	1			
rs16851483	3	14127543	T	G	0.06			1.85E	23678	BMI	0.017	40.619
		6			5	0.048	0.008	-10	1			
rs17001654	4	77129568	G	C	0.17			5.03E	23678	BMI	0.014	34.177
					3	0.030	0.005	-09	1			
rs17066856	18	58049656	C	T	0.08	-		2.00E	23678	BMI	0.023	55.056
					3	0.037	0.005	-13	1			
rs17094222	10	10239544	C	T	0.19			2.19E	23678	BMI	0.019	45.289
		0			7	0.025	0.004	-11	1			
rs17203016	2	20825551	G	A	0.18			3.41E	23678	BMI	0.013	30.831
		8			7	0.021	0.004	-08	1			
rs17381664	1	78048331	C	T	0.32			4.57E	23678	BMI	0.018	42.040
					8	0.020	0.003	-11	1			
rs17724992	19	18454825	G	A	0.24	-		7.79E	23678	BMI	0.014	33.232
					5	0.020	0.003	-09	1			

rs1928295	9	12037848 3	C	T	0.44 2	- 0.018	0.003	4.32E -10	23678 1	BMI	0.017	39.386
rs2060604	8	76650334	C	T	0.41 4	- 0.020	0.003	9.46E -12	23678 1	BMI	0.019	45.787
rs2112347	5	75015242	G	T	0.36 8	- 0.025	0.003	1.96E -17	23678 1	BMI	0.030	71.684
rs2176598	11	43864278	C	T	0.26 2	- 0.019	0.003	3.47E -08	23678 1	BMI	0.013	31.428
rs2183825	9	28412375	C	T	0.30 8	0.024	0.003	2.22E -14	23678 1	BMI	0.024	56.719
rs2365389	3	61236462	T	C	0.39 0	- 0.020	0.003	1.35E -10	23678 1	BMI	0.018	42.250
rs2820292	1	20178428 7	C	A	0.46 0	0.018	0.003	5.45E -10	23678 1	BMI	0.016	38.954
rs2836754	21	40291740	C	T	0.38 5	0.017	0.003	1.60E -08	23678 1	BMI	0.013	31.734
rs2890652	2	14295993 1	C	T	0.16 5	0.028	0.005	1.24E -08	23678 1	BMI	0.014	32.420
rs3736485	15	51748610	G	A	0.46	-	0.003	4.52E	23678	BMI	0.013	30.440

					5	0.016			-08	1			
rs3800229	6	108996963	T	G	0.350	0.018	0.003	4.95E-08	23678	1	BMI	0.013	29.907
rs3817334	11	47650993	T	C	0.422	0.026	0.003	1.17E-17	23678	1	BMI	0.031	72.817
rs3849570	3	81792112	A	C	0.328	0.018	0.003	1.93E-08	23678	1	BMI	0.013	30.752
rs3888190	16	28889486	A	C	0.330	0.031	0.003	3.45E-25	23678	1	BMI	0.045	107.467
rs4740619	9	15634326	C	T	0.481	-	0.003	6.36E-09	23678	1	BMI	0.015	34.364
rs4889606	16	31011183	G	A	0.383	-	0.003	6.58E-10	23678	1	BMI	0.016	38.854
rs543874	1	177889480	G	A	0.187	0.050	0.004	2.29E-40	23678	1	BMI	0.076	180.429
rs6091540	20	51087862	T	C	0.271	-	0.003	2.14E-08	23678	1	BMI	0.013	31.428
rs6457796	6	34828553	C	T	0.279	0.021	0.003	2.54E-10	23678	1	BMI	0.017	40.111

rs6477694	9	11193234 2	T	C	0.32 8	- 0.017	0.003	1.70E -08	23678 1	BMI	0.013	31.734
rs6567160	18	57829135	C	T	0.24 0	0.056	0.004	6.68E -59	23678 1	BMI	0.109	257.830
rs657452	1	49589847	G	A	0.37 5	- 0.023	0.003	2.12E -13	23678 1	BMI	0.023	53.620
rs6713510	2	22703449 9	A	G	0.48 0	0.016	0.003	1.97E -08	23678 1	BMI	0.014	31.981
rs6804842	3	25106437	G	A	0.43 7	0.018	0.003	8.02E -10	23678 1	BMI	0.016	37.210
rs7138803	12	50247468	A	G	0.33 8	0.032	0.003	5.11E -26	23678 1	BMI	0.048	113.777
rs7144011	14	79940383	T	G	0.20 7	0.027	0.004	6.05E -15	23678 1	BMI	0.026	61.286
rs7531118	1	72837239	C	T	0.44 6	0.033	0.003	1.88E -28	23678 1	BMI	0.051	121.733
rs7550711	1	11008288 6	T	C	0.03 0	0.066	0.009	5.06E -14	23678 1	BMI	0.024	57.376
rs7599312	2	21341323	A	G	0.26	-	0.003	4.73E	23678	BMI	0.018	42.053

		1			5	0.021		-11	1			
rs7715256	5	15353789	T	G	0.44	-	0.003	8.85E	23678	BMI	0.014	33.560
		3			1	0.017		-09	1			
rs7899106	10	87410904	G	A	0.04	0.038	0.007	1.27E	23678	BMI	0.014	31.998
					1			-08	1			
rs7903146	10	11475834	T	C	0.31	-	0.003	1.10E	23678	BMI	0.021	50.711
		9			7	0.024		-12	1			
rs879620	16	4015729	T	C	0.38	0.024	0.004	3.94E	23678	BMI	0.017	39.142
					9			-10	1			
rs891389	18	21087531	T	C	0.34	0.021	0.004	1.62E	23678	BMI	0.013	31.907
					7			-08	1			
rs9304665	19	47602577	A	T	0.24	0.024	0.004	1.59E	23678	BMI	0.013	31.935
					0			-08	1			
rs9374842	6	12018566	T	C	0.26	0.020	0.003	7.20E	23678	BMI	0.014	33.232
		5			2			-09	1			
rs943005	6	50865820	T	C	0.16	0.044	0.004	4.52E	23678	BMI	0.058	136.520
					4			-31	1			
rs9540493	13	66205704	G	A	0.46	-	0.003	3.95E	23678	BMI	0.015	34.468
					5	0 .01		-09	1			

8

rs9581854	13	28017782	T	C	0.19 8	0.030	0.005	9.28E -11	23678 1	BMI	0.018	41.968
rs977747	1	47684677	G	T	0.39 5	- 0.017	0.003	2.18E -08	23678 1	BMI	0.013	31.360
rs9926784	16	19941968	C	T	0.18 3	- 0.025	0.004	8.55E -11	23678 1	BMI	0.018	42.937

NAFLD ((Discovery datasets))

rs61811895	1	15497613 7	T	G	0.14 7	0.095	0.022	9.75E -06	77861 4	NAFLD	0.003	19.560
rs2642442	1	22097356 3	T	C	0.70 9	0.078	0.018	9.38E -06	77861 4	NAFLD	0.003	19.633
rs780093	2	27742603	T	C	0.41 2	0.077	0.017	4.09E -06	77861 4	NAFLD	0.003	21.221
rs73943422	2	10166349 5	T	C	0.89 0	- 0.113	0.025	5.89E -06	77861 4	NAFLD	0.003	20.525
rs307569	3	12124003	A	C	0.12 8	0.104	0.024	9.87E -06	77861 4	NAFLD	0.003	19.537

rs710462	3	186963130	T	G	0.538	-	0.017	4.07E-06	778614	NAFLD	0.003	21.232
rs77888509	4	8242138	A	G	0.085	-	0.024	2.62E-06	778614	NAFLD	0.003	22.079
rs1397844	6	24006893	T	C	0.799	-	0.021	1.79E-06	778614	NAFLD	0.003	22.806
rs10504255	8	59398461	A	G	0.635	-	0.017	6.06E-06	778614	NAFLD	0.003	20.469
rs28601761	8	126500031	C	G	0.592	-	0.016	2.20E-11	778614	NAFLD	0.006	44.782
rs79605669	9	88669829	T	C	0.027	0.286	0.064	7.38E-06	778614	NAFLD	0.003	20.093
rs138427591	9	98282089	T	C	0.986	0.328	0.073	7.58E-06	778614	NAFLD	0.003	20.041
rs72637037	10	55534034	A	G	0.053	0.168	0.038	7.96E-06	778614	NAFLD	0.003	19.946
rs2933904	11	129395267	A	G	0.330	0.081	0.017	1.95E-06	778614	NAFLD	0.003	22.646
rs7144175	14	94376783	C	G	0.10	0.115	0.024	2.50E-06	778614	NAFLD	0.003	22.164

					9			-06	4			
rs9922619	16	53831771	T	G	0.43	0.077	0.016	2.32E	77861	NAFLD	0.003	22.311
					7			-06	4			
rs45467396	16	69753259	A	G	0.97	-	0.046	6.48E	77861	NAFLD	0.003	20.340
					5	0.206		-06	4			
rs56058005	17	66157981	T	G	0.22	0.087	0.020	8.69E	77861	NAFLD	0.003	19.781
					0			-06	4			
rs8108364	19	17503724	T	C	0.86	-	0.025	1.33E	77861	NAFLD	0.004	27.817
					2	0.129		-07	4			
rs73001065	19	19460541	C	G	0.06	0.281	0.033	7.36E	77861	NAFLD	0.010	74.118
					4			-18	4			
rs429358	19	45411941	T	C	0.84	0.137	0.024	1.14E	77861	NAFLD	0.004	32.595
					5			-08	4			
rs2423387	20	8991371	A	G	0.02	-	0.055	5.30E	77861	NAFLD	0.003	20.726
					8	0.251		-06	4			
rs6061763	20	60292790	T	G	0.21	-	0.021	6.23E	77861	NAFLD	0.003	20.415
					4	0.094		-06	4			
rs3747207	22	44324855	A	G	0.22	0.289	0.020	5.07E	77861	NAFLD	0.027	211.982
					3			-48	4			

rs764245	22	49800107	A	G	0.08 7	0.120	0.027	9.07E -06	77861 4	NAFLD	0.003	19.698
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NAFLD (Replicated datasets)

rs14609036 7	1	21437248	G	C	0.02 6	0.769	0.161	1.74E -06	21879 2	NAFLD	0.010	22.865
rs14888774 1	2	17828301 8	G	C	0.00 3	2.737	0.558	9.43E -07	21879 2	NAFLD	0.011	24.042
rs72882094	2	17103490 0	T	G	0.11 7	0.413	0.077	7.63E -08	21879 2	NAFLD	0.013	28.871
rs35123119	2	17516717	T	G	0.01 5	0.978	0.216	5.98E -06	21879 2	NAFLD	0.009	20.498
rs11314901 5	4	597021	T	C	0.04 0	0.593	0.130	5.06E -06	21879 2	NAFLD	0.010	20.807
rs2220228	6	15549765 7	T	C	0.13 5	0.332	0.072	4.27E -06	21879 2	NAFLD	0.010	21.137
rs78305825	7	15527777 4	C	T	0.04 8	0.633	0.120	1.25E -07	21879 2	NAFLD	0.013	27.956
rs17135009	7	4690533	T	C	0.02 2	0.795	0.175	5.50E -06	21879 2	NAFLD	0.009	20.664

rs11287565	8	12650669	A	G	0.38	-	0.049	1.63E	21879	NAFLD	0.011	23.013
1		4			7	0.237		-06	2			
rs14150277	8	54042319	G	A	0.00	1.405	0.309	5.46E	21879	NAFLD	0.009	20.670
4					8			-06	2			
rs13288278	9	84597025	C	T	0.10	0.366	0.081	6.26E	21879	NAFLD	0.009	20.400
					1			-06	2			
rs75025168	11	42124131	A	G	0.01	0.971	0.193	4.76E	21879	NAFLD	0.012	25.359
					9			-07	2			
rs17086047	13	28402382	T	A	0.10	0.363	0.081	7.65E	21879	NAFLD	0.009	20.039
					0			-06	2			
rs75635096	16	83784618	G	A	0.02	0.809	0.172	2.52E	21879	NAFLD	0.010	22.148
					3			-06	2			
rs56195589	17	78455003	C	T	0.14	0.319	0.068	3.10E	21879	NAFLD	0.010	21.764
					9			-06	2			
rs72983431	19	2115689	A	G	0.00	1.447	0.300	1.46E	21879	NAFLD	0.011	23.199
					8			-06	2			
rs8100204	19	19393714	A	G	0.16	0.437	0.068	1.37E	21879	NAFLD	0.019	41.205
					0			-10	2			
rs738408	22	44324730	T	C	0.22	0.613	0.061	4.46E	21879	NAFLD	0.047	102.494

					7				-24	2		
rs4823112	22	44446490	T	C	0.09				6.79E	21879		
					1	0.383	0.085		-06	2	NAFLD	0.009 20.271

MR: Mendelian randomization; SNP: single-nucleotide polymorphisms; IVW: inverse-variance weighted; HC: hip circumference; WC: waist circumference; WHR: waist-to-hip ratio; BMI: body mass index; BF: body fat percentage; NAFLD: Nonalcoholic fatty liver.

Supplementary table S2. Causal association between anthropometric indicators (discovery) and NAFLD (UK biobank)

Exposure	Outcome	SNP (n)	Outcome sample size	IVW			Weighted Methods				MR egger regression				
				OR (95%CI) /Beta (se)	P value	P heterogeneity	Weighted Median		Weighted Mode		MR egger		Intercept		
							OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	Intercept se	P value	
HC	NAFLD	17	778,614	1.70 (1.27, 2.27)	3.29E-04	4.00E-03	1.76 (1.25, 2.48)	1.20E-03	2.02 (1.16, 3.50)	0.024	1.40 (0.62, 3.17)	0.428	0.008	0.016	0.628
WC	NAFLD	43	778,614	1.80 (1.42, 2.27)	1.24E-06	3.00E-03	1.88 (1.40, 2.51)	2.42E-05	2.22 (1.46, 3.37)	5.41E-04	1.63 (0.87, 3.05)	0.133	0.003	0.009	0.748
WHR	NAFLD	32	778,614	1.42 (1.20, 1.69)	6.47E-05	2.00E-03	1.35 (1.06, 1.71)	0.014	1.30 (0.91, 1.86)	0.159	1.04 (0.55, 1.94)	0.914	0.013	0.012	0.312
BMI	NAFLD	485	778,614	1.60 (1.43, 1.79)	1.49E-16	1.00E-03	1.64 (1.38, 1.96)	1.16E-08	1.79 (1.21, 2.66)	0.004	1.53 (1.14, 2.06)	0.005	0.001	0.002	0.753

				1.79)			1.94)				2.05)					
BF	NAFLD	226	778,614	1.67 (1.37, 2.03)	2.50E-07	1.00E-03	1.91 (1.50, 2.43)	1.36E-07	2.88 (1.13, 7.31)	0.027	2.83 (1.42, 5.63)	0.003	-	0.008	0.005	0.118
NAFLD	HC	11	224,459	0.12 (0.10)	0.213	4.02E-34	-0.01 (0.03)	0.675	-0.01 (0.04)	0.790	-0.17 (0.39)	0.670	0.026	0.034	0.462	
NAFLD	WC	13	127,997	0.04 (0.07)	0.575	3.58E-72	-0.04 (0.02)	0.081	-0.03 (0.02)	0.135	-0.12 (0.16)	0.475	0.019	0.017	0.286	
NAFLD	WHR	13	123,302	0.05 (0.03)	0.078	2.19E-04	0.08 (0.03)	0.003	0.08 (0.03)	0.012	0.07 (0.07)	0.325	-	0.002	0.008	0.765
NAFLD	BMI	11	681,275	0.07 (0.08)	0.420	1.96E-72	-0.01 (0.01)	0.201	-0.02 (0.01)	0.156	-0.13 (0.18)	0.501	0.023	0.020	0.268	
NAFLD	BF	25	331,117	0.01 (0.02)	0.504	1.43E-84	-0.01 (0.01)	0.342	-0.01 (0.01)	0.252	-0.04 (0.04)	0.294	0.007	0.005	0.130	

SNP: single nucleotide polymorphism; IVW: inverse-variance weighted; MR: Mendelian randomization; HC: hip circumference; WC: waist circumference; WHR: waist-to-hip ratio; BMI: body mass index; BF: body fat percentage; NAFLD: nonalcoholic fatty liver.

Supplementary table S3. Causal association between anthropometric indicators (replication) and NAFLD (UK biobank)

Exposure	Outcome	SNP (n)	Outcome sample size	IVW			Weighted Methods				MR egger regression				
				OR (95%CI) /Beta (se)	P value	P heterogeneity	Weighted Median		Weighted Mode		MR egger		Intercept		
				OR (95%CI) /Beta (se)	P value	P heterogeneity	OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	Intercept	se	P value
HC	NAFLD	390	778,614	1.22 (1.07, 1.38)	2.09E-03	4.36E-11	1.22 (1.04, 1.44)	0.017	1.18 (0.65, 2.12)	0.586	0.94 (0.67, 1.32)	0.735	0.005	0.003	0.114
WC	NAFLD	209	778,614	1.88 (1.60, 2.20)	2.13E-14	4.54E-04	1.95 (1.56, 2.45)	5.16E-09	2.27 (1.33, 3.87)	3.03E-03	1.99 (1.21, 3.27)	7.33E-03	-	0.005	0.806
WHR	NAFLD	15	778,614	1.68 (1.64 2.14)	1.32E-03	0.963	5.36 (2.94, 13.44)	2.24E-03	7.28 (1.96, 6.09)	2.53E-02	2.94 (2.72, 3.54)	2.53E-02	-	0.011	0.219

BMI	NAFLD	75	778,614	1.46 (1.22, 1.75)	4.49E-05	0.470	1.52 (1.18, 1.96)	1.13E-03	1.82 (1.25, 2.66)	2.67E-03	1.70 (1.09, 2.63)	0.021	-0.005	0.006	0.470
BF	NAFLD	359	778,614	1.69 (1.43, 2.00)	5.59E-10	9.26E-06	1.66 (1.32, 2.09)	1.46E-05	2.99 (1.23, 7.26)	0.016	2.40 (1.41, 4.09)	1.33E-03	-0.005	0.004	0.174
NAFLD	HC	25	462,117	-0.01 (0.03)	0.794	3.78E-188	-0.02 (0.01)	0.050	-0.02 (0.01)	0.090	-0.06 (0.06)	0.339	0.007	0.008	0.345
NAFLD	WC	25	336,639	0.02 (0.02)	0.377	1.10E-125	0.01 (0.01)	0.646	0.01 (0.01)	0.639	-0.04 (0.05)	0.493	0.008	0.007	0.222
NAFLD	WHR	23	85,978	0.01 (0.01)	0.132	3.00E-03	0.01 (0.01)	0.900	0.01 (0.01)	0.994	0.01 (0.01)	0.420	0.000	0.000	0.089
NAFLD	BMI	13	236,781	0.05 (0.08)	0.496	1.54E-112	-0.02 (0.02)	0.219	-0.05 (0.02)	0.021	-0.15 (0.17)	0.404	0.024	0.008	0.213
NAFLD	BF	25	454,633	0.01 (0.02)	0.489	4.63E-147	-0.01 (0.01)	0.053	-0.01 (0.01)	0.035	-0.04 (0.04)	0.285	0.008	0.005	0.121

SNP: single nucleotide polymorphism; IVW: inverse-variance weighted; MR: Mendelian randomization; HC: hip circumference; WC: waist circumference; WHR: waist-to-hip ratio; BMI: body mass index; BF: body fat percentage; NAFLD: nonalcoholic fatty

liver.

Supplementary table S4. Causal association between anthropometric indicators (discovery) and NAFLD (FinnGen)

Exposure	Outcome	SNP (n)	Outcome sample size	IVW			Weighted Methods				MR egger regression				
				OR (95%CI) /Beta (se)	P value	P heterogeneity	Weighted Median		Weighted Mode		MR egger		Intercept		
							OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	Intercept se	P value	
HC	NAFLD	18	218,792	2.39 (1.07, 5.36)	0.034	0.071	2.65 (1.01, 6.98)	0.048	1.88 (0.60, 5.90)	0.294	0.44 (0.05, 3.60)	0.452	0.069	0.041	0.109
WC	NAFLD	45	218,792	2.67 (1.42, 5.02)	2.25E-03	0.075	2.97 (1.16, 7.59)	0.023	2.79 (0.86, 9.02)	0.094	1.24 (0.23, 6.58)	0.802	0.023	0.024	0.336
WHR	NAFLD	32	218,792	1.62 (1.01, 2.60)	0.049	0.736	1.25 (0.63, 2.46)	0.522	1.11 (0.44, 2.82)	0.822	0.31 (0.06, 1.76)	0.197	0.066	0.034	0.062
BMI	NAFLD	48	218,792	2.17 (1.56, 3.03)	4.35E-06	3.04E-04	1.93 (1.13, 3.29)	0.015	1.61 (0.61, 4.21)	0.334	2.38 (0.99, 5.77)	0.053	-0.002	0.007	0.827

									4.24)		5.72)				
BF	NAFLD	22	218,79	2.07	5.06E-03	0.017	2.23	0.033	4.57	7.06E-02	4.18	0.13	-	0.01	0.44
		6	2	(1.25, 3.46)			(1.07, 4.66)		(0.89, 3.51)		(0.66, 6.63)	1	0.011	4	0
NAFLD	HC	3	224,45	-0.01 (0.01)	0.178	0.813	-0.01 (0.01)	0.219	-0.01 (0.01)	0.385	0.01 (0.04)	0.89	-	0.02	0.71
		3	9									4	0.011	3	2
NAFLD	WC	3	127,99	-0.01 (0.01)	0.269	0.437	-0.01 (0.01)	0.353	0.01 (0.01)	0.753	0.03 (0.03)	0.49	-	0.01	0.42
		3	7									6	0.023	8	3
NAFLD	WHR	3	123,30	0.01 (0.01)	0.695	0.852	0.01 (0.01)	0.806	0.01 (0.01)	0.823	0.02 (0.04)	0.76	-	0.02	0.77
		3	2									5	0.008	2	9
NAFLD	BMI	3	681,27	-0.01 (0.01)	0.032	0.312	-0.01 (0.01)	0.001	-0.01 (0.01)	0.069	0.01 (0.03)	0.99	-	0.01	0.77
		3	5									3	0.006	7	4
NAFLD	BF	18	331,11	0.01 (0.01)	0.870	2.35E-05	0.01 (0.01)	0.718	0.01 (0.01)	0.591	0.01 (0.01)	0.39	-	0.00	0.24
		18	7									8	0.003	3	9

SNP: single nucleotide polymorphism; IVW: inverse-variance weighted; MR: Mendelian randomization; HC: hip circumference; WC: waist circumference; WHR: waist-to-hip ratio; BMI: body mass index; BF: body fat percentage; NAFLD: nonalcoholic fatty liver.

Supplementary table S5. Causal association between exposures anthropometric indicators (replication) and NAFLD (FinnGen)

Exposure	Outcome	SNP (n)	Outcome sample size	IVW			Weighted Methods				MR egger regression				
				OR (95%CI) /Beta (se)	P value	P heterogeneity	Weighted Median		Weighted Mode		MR egger		Intercept		
							OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	OR (95%CI) /Beta (se)	P value	Intercept se	P value	
HC	NAFLD	390	218,792	1.17 (0.84, 1.64)	0.346	3.85E-04	1.00 (0.62, 1.62)	0.998	1.01 (0.28, 3.59)	0.990	0.32 (0.13, 0.79)	0.014	0.025	0.008	0.301
WC	NAFLD	209	218,792	3.41 (2.16, 5.39)	1.41E-07	9.00E-03	3.81 (1.85, 7.82)	2.70E-04	0.064	3.310	0.571	1.51	0.016	0.013	0.237
WHR	NAFLD	152	218,792	1.48 (1.14, 3.35)	5.97E-04	0.617	2.59 (1.23, 4.95)	2.48E-04	3.76 (1.22, 5.76)	5.58E-03	3.79 (1.16, 3.93)	0.015	-	0.046	0.183
BMI	NAFLD	782	218,792	2.16 (1.31,	2.55E-03	0.045	2.58 (1.15, 5.81)	0.022	2.43 (0.91, 6.47)	0.080	1.68 (0.50,	0.407	0.008	0.017	0.659

				3.55)							5.68)				
BF	NAFLD	45	218,792	2.67 (1.42, 5.02)	2.25E-03	0.075	2.97 (1.14, 7.70)	0.025	2.79 (0.87, 8.98)	0.093	1.24 (0.23, 6.58)	0.80 2	0.023	0.02 4	0.33 6
NAFLD	HC	18	462,117	0.01 (0.01)	0.637	1.60E-19	0.01 (0.01)	0.175	0.01 (0.01)	0.468	0.01 (0.01)	0.24 8	- 0.007	0.00 4	0.08 2
NAFLD	WC	18	336,639	0.01 (0.01)	0.545	0.024	0.01 (0.01)	0.791	0.01 (0.01)	0.937	0.01 (0.01)	0.53 6	- 0.001	0.00 2	0.72 9
NAFLD	WHR	12	85,978	0.01 (0.01)	0.201	3.00E-03	0.01 (0.01)	0.780	0.01 (0.01)	0.999	0.01 (0.01)	0.09 3	0.001	0.00 1	0.02 6
NAFLD	BMI	3	236,781	-0.01 (-0.01)	0.001	0.904	-0.01 (-0.01)	0.142	-0.01 (-0.01)	0.328	0.01 (0.01)	0.95 3	- 0.007	0.01 5	0.73 7
NAFLD	BF	18	454,633	0.01 (0.01)	0.267	1.17E-07	0.01 (0.01)	0.163	0.01 (0.01)	0.154	0.01 (0.01)	0.86 7	- 0.002	0.00 2	0.32 1

SNP: single nucleotide polymorphism; IVW: inverse-variance weighted; MR: Mendelian randomization; HC: hip circumference; WC: waist circumference; WHR: waist-to-hip ratio; BMI: body mass index; BF: body fat percentage; NAFLD: nonalcoholic fatty liver.