

ESM Table 2: GIANT Consortium 2012-2015 GWAS Metadata lookup for 28 HDL-C SNPs.

SNP ID	Position ^a	A1 ^b	A2 ^b	Locus ^c	BMI_GIANT_all ^d		WHRadjBMI_GIANT_all ^d	
					Beta	<i>p</i> value	Beta	<i>p</i> value
rs1689800	chr1:182168885	G	A	<i>ZNF648</i>	0.0007	0.8249	-0.005	0.16
rs4846914 ^e	chr1:230295691	G	A	<i>GALNT2</i>	0.0042	0.1574	-0.0054	0.11
rs6450176	chr5:53298025	G	A	<i>ARL15</i>	0.0101	0.002775	0.0092	0.015
rs605066	chr6:139829666	C	T	<i>CITED2</i>	0.0018	0.6266	0.021	2.5×10 ⁻⁶
rs4731702	chr7:130433384	C	T	<i>KLF14</i>	-0.009	0.002044	0.0041	0.22
rs2293889	chr8:116599199	T	G	<i>TRPS1</i>	0.0116	1.7×10 ⁻⁴	0.0028	0.42
rs9987289	chr8:9183358	A	G	<i>PPP1R3B</i>	0.0016	0.7598	0.018	0.0023
rs1883025	chr9:1076664301	C	T	<i>ABCA1</i>	-0.0079	0.02578	0.012	0.0018
rs2923084	chr11:10388782	A	G	<i>AMPD3</i>	0.0027	0.4891	-0.0015	0.73
rs3136441 ^e	chr11:46743247	C	T	<i>LRP4</i>	-0.0146	6.2×10 ⁻⁴	0.0066	0.16
rs7134594	chr12:110000193	C	T	<i>MVK</i>	-0.0078	0.03026	0.005	0.23
rs4765127	chr12:124460167	G	T	<i>ZNF664</i>	-0.0118	0.002481	0.031	1.0×10 ⁻¹¹
rs838880	chr12:125261593	C	T	<i>SCARB1</i>	-0.0051	0.1182	0.0068	0.062
rs7134375	chr12:20473758	A	C	<i>PDE3A</i>	0.0114	1.2×10 ⁻⁴	-0.0049	0.15
rs1532085	chr15:58683366	G	A	<i>LIPC</i>	0.0008	0.7832	0.005	0.14
rs2070895 ^e	chr15:58723939	G	A	<i>LIPC</i>	0.0045	0.3279	-0.0005	0.92
rs3764261 ^e	chr16:56993324	A	C	<i>CETP</i>	0.0007	0.8404	0.0033	0.38
rs9939224 ^e	chr16:57002732	G	T	<i>CETP</i>	-0.0053	0.3081	-0.0072	0.23
rs16942887	chr16:67928042	G	A	<i>LCAT</i>	0.011	0.01403	0.0068	0.17
rs11869286	chr17:37813856	C	G	<i>STARD3</i>	0.0045	0.1529	0.0063	0.076
rs4148008	chr17:6687294	G	C	<i>ABCA8</i>	-0.0019	0.5501	0.0052	0.15
rs4129767	chr17:76403984	A	G	<i>PGS1</i>	-0.0009	0.7706	0.0007	0.84
rs2040293	chr18:47278345	G	A	<i>LIPG</i>	0.0035	0.2983	0.0044	0.24
rs737337 ^e	chr19:11347493	C	T	<i>LOC55908</i>	-0.0036	0.4825	0.01	0.071
rs386000	chr19:54792761	C	G	<i>LILRA3</i>	-0.0061	0.1262	0.0017	0.71
rs7255436	chr19:8433196	C	A	<i>ANGPTL4</i>	0.0024	0.5166	0.006	0.17
rs1800961	chr20:43042634	T	C	<i>HNF4A</i>	-0.0015	0.8679	-0.0014	0.89
rs181362	chr22:21932068	T	C	<i>UBE2L3</i>	0.0146	4.5×10 ⁻⁵	0.0069	0.08

^a Position is based on genome build 37.

^b Allele 1 and 2 based on GIANT 2012-2015 Metadata

(https://www.broadinstitute.org/collaboration/giant/index.php/GIANT_consortium_data_files accessed 1 September 2015).

^c Locus is based on Teslovich et al. (7).

^d *p* values and regression coefficient from GIANT consortium 2012-2015 GWAS Metadata (All ancestries) for BMI and Waist to Hip ratio adjusted for BMI(WHRadjBMI). SNPs with *P* values < 0.0018 (0.05/28)

achieve Bonferroni corrected significance for association with BMI and WHRadjBMI and were omitted from subsequent analysis.

^e The GWAS index variant was used to look up the GIANT data which was substituted by a close proxy (see ESM Table 1) for subsequent analysis.