

Supplemental Material

Supplemental Table 1: Imputation quality scores for all variants in analysis

Cluster Number	Cyto	rsID	Minor Allele	Major Allele	MAF	Imputation Quality
1.01	1p36.12	rs1077514	C	T	0.14	0.9988
1.02	1p36.11	rs12027135	A	T	0.46	0.9997
1.03	1p36.11	rs12748152	T	C	0.07	0.9998
1.04	1p34.2	rs4660293	G	A	0.24	0.9904
1.05	1p32.3	rs2479409	G	A	0.33	0.9898
1.06	1p32.3	rs17111584	C	T	0.05	0.9891
1.07	1p31.3	rs2131925	G	T	0.35	0.9977
1.08	1p22.1	rs7515577	C	A	0.21	0.9998
1.09	1p13.3	rs629301	G	T	0.27	0.9999
1.10	1q21.2	rs267733	G	A	0.17	0.9965
1.11	1q23.1	rs12145743	G	T	0.34	0.9999
1.12	1q25.2	rs4650994	G	A	0.48	1.0000
1.13	1q25.3	rs1689800	G	A	0.36	0.9983
1.14	1q41	rs2807834	T	G	0.33	0.9993
1.15	1q42.13	rs4846914	G	A	0.40	0.9999
1.16	1q42.3	rs514230	A	T	0.49	0.9951
2.01	2p24.1	rs1367117	A	G	0.29	0.9989
2.02	2p23.3	rs1260326	T	C	0.41	0.9975
2.03	2p21	rs4299376	G	T	0.30	0.9978
2.04	2p15	rs2710642	G	A	0.35	0.9972
2.05	2q14.1	rs10490626	A	G	0.09	0.9917
2.06	2q14.2	rs2030746	T	C	0.40	0.9964
2.07	2q21.3	rs6759321	T	G	0.26	0.7340
2.08	2q24.3	rs10195252	C	T	0.41	0.9587
2.09	2q31.1	rs2287623	G	A	0.40	1.0000
2.10	2q33.1	rs11694172	G	A	0.24	0.9952
2.11	2q35	rs1250229	T	C	0.26	0.9780
2.12	2q36.3	rs2943645	C	T	0.37	1.0000
2.13	2q37.1	rs11563251	T	C	0.11	0.9277
3.01	3p25.3	rs2606736	C	T	0.37	0.9988
3.02	3p25.1	rs2290159	C	G	0.22	0.9606
3.03	3p22.3	rs7640978	T	C	0.10	0.9995
3.04	3p21.31	rs2290547	A	G	0.17	0.9993
3.05	3p21.31	rs2013208	T	C	0.48	0.9995
3.06	3p21.1	rs13326165	A	G	0.20	0.8937
3.07	3p14.3	rs13315871	A	G	0.09	0.9969
3.08	3q13.33	rs6805251	T	C	0.39	0.9953
3.09	3q22.1	rs17404153	T	G	0.13	0.9963
3.10	3q22.3	rs645040	G	T	0.23	0.9992
4.01	4p16.2	rs6831256	G	A	0.42	0.9992
4.02	4p15.2	rs10019888	G	A	0.17	0.9224
4.03	4q22.1	rs442177	G	T	0.41	0.9720
4.04	4q22.1	rs2199936	A	G	0.11	0.9989
4.05	4q22.1	rs3822072	A	G	0.46	0.9981
4.06	4q23	rs2602836	A	G	0.43	0.9999
4.07	4q24	rs13107325	T	C	0.08	0.9893
5.01	5q11.2	rs6450176	A	G	0.20	0.9675
5.02	5q11.2	rs9686661	T	C	0.18	0.9176
5.03	5q13.3	rs12916	C	T	0.39	0.9994
5.04	5q23.2	rs4530754	G	A	0.46	0.9976

Cluster Number	Cyto	rsID	Minor Allele	Major Allele	MAF	Imputation Quality
5.05	5q33.3	rs6882076	T	C	0.38	0.9914
6.01	6p22.3	rs3757354	T	C	0.23	0.9985
6.02	6p22.1	rs1800562	A	G	0.07	0.9984
6.03	6p21.32	rs3177928	A	G	0.14	0.9999
6.04	6p21.31	rs2814982	T	C	0.11	0.9865
6.05	6p21.2	rs2758886	A	G	0.29	0.9982
6.06	6p21.1	rs998584	A	C	0.49	0.9752
6.07	6q22.1	rs9488822	T	A	0.35	0.9876
6.08	6q22.33	rs1936800	C	T	0.50	0.9992
6.09	6q23.3	rs9376090	C	T	0.26	0.9999
6.10	6q24.1	rs605066	C	T	0.41	0.9944
6.11	6q25.3	rs1564348	C	T	0.16	0.9980
6.12	6q26	rs10455872	G	A	0.05	0.9909
7.01	7p22.3	rs1997243	G	A	0.15	0.9942
7.02	7p22.1	rs702485	G	A	0.46	0.9963
7.03	7p21.1	rs4142995	T	G	0.40	0.9778
7.04	7p15.3	rs2285942	T	C	0.15	0.9979
7.05	7p15.2	rs4722551	C	T	0.16	0.9931
7.06	7p13	rs2072183	C	G	0.19	0.9183
7.07	7p12.2	rs4917014	G	T	0.32	0.9981
7.08	7q11.23	rs7811265	G	A	0.19	0.9564
7.09	7q31.2	rs38855	G	A	0.47	0.9988
7.10	7q32.2	rs4731702	T	C	0.50	0.9979
7.11	7q36.1	rs17173637	C	T	0.09	0.9998
8.01	8p23.1	rs9987289	A	G	0.09	0.9855
8.02	8p23.1	rs11776767	C	G	0.38	0.9889
8.03	8p22	rs1495743	G	C	0.22	0.9991
8.04	8p21.3	rs12678919	G	A	0.10	0.9985
8.05	8q11.23	rs10102164	A	G	0.20	0.9998
8.06	8q12.1	rs1030431	A	G	0.32	0.9993
8.07	8q23.3	rs2293889	T	G	0.42	0.9935
8.08	8q24.13	rs2954029	T	A	0.46	0.9783
8.09	8q24.3	rs11136341	G	A	0.35	0.9952
9.01	9p24.2	rs3780181	G	A	0.07	0.9727
9.02	9p22.3	rs643531	C	A	0.14	0.9970
9.03	9q31.1	rs1883025	T	C	0.27	0.9961
9.04	9q34.2	rs649129	T	C	0.20	0.9923
10.01	10p15.1	rs1832007	G	A	0.15	0.9990
10.02	10p12.33	rs10904908	G	A	0.42	0.9880
10.03	10q11.21	rs970548	C	A	0.25	0.9990
10.04	10q21.2	rs10761731	T	A	0.42	0.9842
10.05	10q23.33	rs2068888	A	G	0.46	0.9947
10.06	10q25.2	rs2255141	A	G	0.28	0.9992
11.01	11p15.4	rs2923084	G	A	0.18	0.9810
11.02	11p15.1	rs10832963	T	G	0.26	0.9616
11.03	11p11.2	rs3136441	C	T	0.14	0.9983
11.04	11p11.12	rs11246602	C	T	0.12	Genotyped
11.05	11q12.2	rs174546	T	C	0.35	0.9999
11.06	11q13.1	rs12801636	A	G	0.22	0.9992
11.07	11q13.5	rs499974	A	C	0.17	1.0000
11.08	11q23.3	rs964184	G	C	0.13	0.9992
11.09	11q23.3	rs11603023	T	C	0.43	0.9992
11.10	11q24.1	rs7941030	C	T	0.38	0.9997
11.11	11q24.2	rs11220462	A	G	0.13	0.9981
12.01	12p13.31	rs4883201	G	A	0.11	0.9953
12.02	12p12.2	rs7134375	A	C	0.43	0.9979
12.03	12p12.1	rs12317268	G	A	0.16	0.9996
12.04	12q13.3	rs11613352	T	C	0.23	0.9985

Cluster Number	Cyto	rsID	Minor Allele	Major Allele	MAF	Imputation Quality
12.05	12q24.11	rs7134594	C	T	0.46	1.0000
12.06	12q24.12	rs11065987	G	A	0.43	0.9984
12.07	12q24.31	rs1169288	C	A	0.28	0.9792
12.08	12q24.31	rs4759375	T	C	0.10	1.0000
12.09	12q24.31	rs4765127	T	G	0.34	0.9783
12.10	12q24.31	rs838880	C	T	0.30	0.9735
13.01	13q13.1	rs4942486	T	C	0.47	0.9997
14.01	14q12	rs2332328	T	C	0.46	0.9777
14.02	14q32.33	rs4983559	G	A	0.38	0.9872
15.01	15q15.3	rs8035382	C	T	0.05	Genotyped
15.02	15q22.1	rs1532085	A	G	0.38	0.9987
15.03	15q22.2	rs2652834	A	G	0.20	0.9994
16.01	16p13.11	rs3198697	T	C	0.41	0.9977
16.02	16p11.2	rs11649653	G	C	0.40	0.9992
16.03	16q12.2	rs1121980	A	G	0.43	0.9999
16.04	16q13	rs3764261	A	C	0.34	0.9997
16.05	16q22.1	rs16942887	A	G	0.13	0.9997
16.06	16q22.3	rs2000999	A	G	0.18	0.9991
16.07	16q23.2	rs2925979	T	C	0.29	0.9806
17.01	17p13.1	rs314253	C	T	0.36	0.9935
17.02	17q12	rs881844	C	G	0.34	0.9989
17.03	17q21.31	rs8077889	C	A	0.21	0.9999
17.04	17q21.32	rs7225700	T	C	0.36	0.9925
17.05	17q24.2	rs1801689	C	A	0.03	0.9262
17.06	17q24.2	rs4148008	G	C	0.31	0.9891
17.07	17q25.3	rs4082919	T	G	0.48	0.9706
18.01	18q21.1	rs7241918	G	T	0.18	0.9927
18.02	18q21.32	rs12967135	A	G	0.23	0.9987
19.01	19p13.2	rs7248104	A	G	0.41	0.9994
19.02	19p13.2	rs7255436	C	A	0.49	0.9901
19.03	19p13.2	rs11672123	A	G	0.04	0.9595
19.04	19p13.2	rs6511720	T	G	0.15	0.9935
19.05	19p13.2	rs737337	C	T	0.08	0.9994
19.06	19p13.11	rs10401969	C	T	0.09	0.9998
19.07	19q13.11	rs731839	G	A	0.34	0.9980
19.08	19q13.32	rs7412	T	C	0.14	0.9781
19.09	19q13.32	rs4420638	G	A	0.12	0.9981
19.10	19q13.33	rs492602	G	A	0.48	1.0000
19.11	19q13.33	rs17695224	A	G	0.27	0.9995
19.12	19q13.42	rs386000	C	G	0.21	0.9824
20.01	20p12.1	rs364585	A	G	0.39	0.9991
20.02	20p12.1	rs2328223	C	A	0.18	0.9968
20.03	20q11.22	rs2277862	T	C	0.15	0.9999
20.04	20q12	rs2902940	G	A	0.27	0.9908
20.05	20q12	rs909802	T	C	0.47	0.9990
20.06	20q13.12	rs1800961	T	C	0.03	0.9978
20.07	20q13.12	rs6065906	C	T	0.18	0.9963
22.01	22q11.21	rs181362	T	C	0.19	0.9999
22.02	22q12.2	rs5763662	T	C	0.03	0.9948
22.03	22q12.3	rs138777	A	G	0.34	0.9648
22.04	22q13.1	rs5756931	C	T	0.39	0.9902
22.05	22q13.31	rs4253772	T	C	0.11	0.9992

Cluster number: unique numeric identifier for each of the SNPs in the analysis

Cyto: cytogenic position of each of the SNPs

rsID: SNP name

MAF: minor allele frequency

Supplemental Table 2a: List of SNPs used in analysis or proxies from GWAS of circulating lipoproteins. All index variants from candidate loci identified for association with baseline lipid levels from the Global Lipids Genetics Consortium^{1,2}

Cyto	rsID	Locus Name	Chr	Position (hg18)	Proxy	Original rsID (GLGC)
1p36.12	rs1077514	<i>ASAP3</i>	1	23638820		
1p36.11	rs12027135	<i>LDLRAP1</i>	1	25648320		
1p36.11	rs12748152	<i>PIGV-NROB2</i>	1	27010980		
1p34.2	rs4660293	<i>PABPC4</i>	1	39800767		
1p32.3	rs2479409	<i>PCSK9</i>	1	55277238		
1p31.3	rs2131925	<i>ANGPTL3</i>	1	62798530		
1p22.1	rs7515577	<i>EVI5</i>	1	92782026		
1p13.3	rs629301	<i>SORT1</i>	1	109619829		
1q21.2	rs267733	<i>ANXA9-CERS2</i>	1	149225460		
1q23.1	rs12145743	<i>HDGF-PMVK</i>	1	154967275		
1q25.2	rs4650994	<i>ANGPTL1</i>	1	176781935		
1q25.3	rs1689800	<i>ZNF648</i>	1	180435508		
1q41	rs2807834	<i>MOSCI</i>	1	219037216		
1q42.13	rs4846914	<i>GALNT2</i>	1	228362314		
1q42.3	rs514230	<i>IRF2BP2</i>	1	232925220		
2p24.1	rs1367117	<i>APOB</i>	2	21117405		
2p23.3	rs1260326	<i>GCKR</i>	2	27584444		
2p21	rs4299376	<i>ABCG5-8</i>	2	43926080		
2p15	rs2710642	<i>EHBP1</i>	2	63003061		
2q14.1	rs10490626	<i>INSIG2</i>	2	118552311		
2q14.2	rs2030746	<i>LOC84931</i>	2	121025958		
2q21.3	rs6759321	<i>RABGAP1</i>	2	136039146		
2q24.3	rs10195252	<i>COBLL1</i>	2	165221337		
2q31.1	rs2287623	<i>ABCBI1</i>	2	169538401		
2q33.1	rs11694172	<i>FAM117B</i>	2	203240549		
2q35	rs1250229	<i>FNI</i>	2	216012629		
2q36.3	rs2943645	<i>IRS1</i>	2	226807424		
2q37.1	rs11563251	<i>UGT1A1</i>	2	234344123		
3p25.3	rs2606736	<i>ATG7</i>	3	11375249		
3p25.1	rs2290159	<i>RAF1</i>	3	12603920		
3p22.3	rs7640978	<i>CMTM6</i>	3	32508014		
3p21.31	rs2290547	<i>SETD2</i>	3	47036187		
3p21.31	rs2013208	<i>RBM5</i>	3	50104403		
3p21.1	rs13326165	<i>STAB1</i>	3	52507158		
3p14.3	rs13315871	<i>PXK</i>	3	58356327		
3q13.33	rs6805251	<i>GSK3B</i>	3	121043296		
3q22.1	rs17404153	<i>ACAD11</i>	3	133645890		
3q22.3	rs645040	<i>MSL2L1</i>	3	137409312		
4p16.2	rs6831256	<i>LRPAP1</i>	4	3442937		
4p15.2	rs10019888	<i>C4orf52</i>	4	25672088		
4q22.1	rs442177	<i>KLHL8</i>	4	88249285		
4q22.1	rs3822072	<i>FAM13A1</i>	4	89960292		
4q23	rs2602836	<i>ADH5</i>	4	100233828		
4q24	rs13107325	<i>SLC39A8</i>	4	103407732		
5q11.2	rs6450176	<i>ARL15</i>	5	53333782		
5q11.2	rs9686661	<i>MAP3K1</i>	5	55897543		
5q13.3	rs12916	<i>HMGCR</i>	5	74692295		
5q23.2	rs4530754	<i>CSNK1G3</i>	5	122883315		
5q33.3	rs6882076	<i>TIMD4</i>	5	156322875		
6p22.3	rs3757354	<i>MYLIP</i>	6	16235386		
6p22.1	rs1800562	<i>HFE</i>	6	26201120		
6p21.32	rs3177928	<i>HLA</i>	6	32520413		
6p21.31	rs2814982	<i>C6orf106</i>	6	34654538		

Cyto	rsID	Locus Name	Chr	Position (hg18)	Proxy	Original rsID (GLGC)
6p21.2	rs2758886	<i>KCNK17</i>	6	39358815		
6p21.1	rs998584	<i>VEGFA</i>	6	43865874		
6q22.1	rs9488822	<i>FRK</i>	6	116419586		
6q22.33	rs1936800	<i>RSPO3</i>	6	127477757		
6q23.3	rs9376090	<i>HBS1L</i>	6	135452921		
6q24.1	rs605066	<i>CITED2</i>	6	139871359		
6q25.3	rs1564348	<i>LPA</i>	6	160498850		
7p22.3	rs1997243	<i>GPR146</i>	7	1050303		
7p22.1	rs702485	<i>DAGLB</i>	7	6415797		
7p21.1	rs4142995	<i>SNX13</i>	7	17885783		
7p15.3	rs2285942	<i>DNAH11</i>	7	21549442		
7p15.2	rs4722551	<i>MIR148A</i>	7	25958351		
7p13	rs2072183	<i>NPC1L1</i>	7	44545705		
7p12.2	rs4917014	<i>IKZF1</i>	7	50276409		
7q11.23	rs7811265	<i>MLXIPL</i>	7	72572446		
7q31.2	rs38855	<i>MET</i>	7	116145280		
7q32.2	rs4731702	<i>KLF14</i>	7	130083924		
7q36.1	rs17173637	<i>TMEM176A</i>	7	150160382		
8p23.1	rs9987289	<i>PPP1R3B</i>	8	9220768		
8p23.1	rs11776767	<i>PINX1</i>	8	10721339		
8p22	rs1495743	<i>NAT2</i>	8	18317580		
8p21.3	rs12678919	<i>LPL</i>	8	19888502		
8q11.23	rs10102164	<i>SOX17</i>	8	55584167		
8q12.1	rs1030431	<i>CYP7A1</i>	8	59474251		
8q23.3	rs2293889	<i>TRPS1</i>	8	116668374		
8q24.13	rs2954029	<i>TRIB1</i>	8	126560154		
8q24.3	rs11136341	<i>PLEC1</i>	8	145115531		
9p24.2	rs3780181	<i>VLDLR</i>	9	2630759		
9p22.3	rs643531	<i>TTC39B</i>	9	15286034		
9q31.1	rs1883025	<i>ABCA1</i>	9	106704122		
9q34.2	rs649129	<i>ABO</i>	9	135144125		
10p15.1	rs1832007	<i>AKR1C4</i>	10	5244847		
10p12.33	rs10904908	<i>TRDMT1</i>	10	17300296		
10q11.21	rs970548	<i>MARCH8-ALOX5</i>	10	45333283		
10q21.2	rs10761731	<i>JMJD1C</i>	10	64697616		
10q23.33	rs2068888	<i>CYP26A1</i>	10	94829632		
10q25.2	rs2255141	<i>GPAM</i>	10	113923876		
11p15.4	rs2923084	<i>AMPD3</i>	11	10345358		
11p15.1	rs10832963	<i>SPTY2D1</i>	11	18620817		
11p11.2	rs3136441	<i>LRP4</i>	11	46699823		
11p11.12	rs11246602	<i>OR4C46</i>	11	51368666		
11q12.2	rs174546	<i>FADS123</i>	11	61326406		
11q13.1	rs12801636	<i>KAT5</i>	11	65147893		
11q13.5	rs499974	<i>MOGAT2-DGAT2</i>	11	75132669		
11q23.3	rs964184	<i>APOA1C3A4A5</i>	11	116154127		
11q23.3	rs11603023	<i>PHLDB1</i>	11	117991277		
11q24.1	rs7941030	<i>UBASH3B</i>	11	122027585		
11q24.2	rs11220462	<i>ST3GAL4</i>	11	125749162		
12p13.31	rs4883201	<i>PHC1-A2ML1</i>	12	8973848		
12p12.2	rs7134375	<i>PDE3A</i>	12	20365025		
12q13.3	rs11613352	<i>LRP1</i>	12	56078847		
12q24.11	rs7134594	<i>MVK</i>	12	108484576		
12q24.12	rs11065987	<i>BRAP</i>	12	110556807		
12q24.31	rs1169288	<i>HNFI1A</i>	12	119901033		
12q24.31	rs4759375	<i>SBNO1</i>	12	122362191		
12q24.31	rs4765127	<i>ZNF664</i>	12	123026120		
12q24.31	rs838880	<i>SCARB1</i>	12	123827546		
13q13.1	rs4942486	<i>BRCA2</i>	13	31851388		

Cyto	rsID	Locus Name	Chr	Position (hg18)	Proxy	Original rsID (GLGC)
14q12	rs2332328	<i>NYNRIN</i>	14	23952898		
14q32.33	rs4983559	<i>ZBTB42-AKT1</i>	14	104348254		
15q15.3	rs8035382	<i>FRMD5</i>	15	42031815	x	rs292982
15q22.1	rs1532085	<i>LIPC</i>	15	56470658		
15q22.2	rs2652834	<i>LACTB</i>	15	61183920		
16p13.11	rs3198697	<i>PDXDC1</i>	16	15037441		
16p11.2	rs11649653	<i>CTF1</i>	16	30825988		
16q12.2	rs1121980	<i>FTO</i>	16	52366748		
16q13	rs3764261	<i>CETP</i>	16	55550825		
16q22.1	rs16942887	<i>LCAT</i>	16	66485543		
16q22.3	rs2000999	<i>HPR</i>	16	70665594		
16q23.2	rs2925979	<i>CMIP</i>	16	80092291		
17p13.1	rs314253	<i>DLG4</i>	17	7032374		
17q12	rs881844	<i>STARD3</i>	17	35063744		
17q21.31	rs8077889	<i>MPP3</i>	17	39233692		
17q21.32	rs7225700	<i>OSBPL7</i>	17	42746803		
17q24.2	rs1801689	<i>APOH-PRXCA</i>	17	61641042		
17q24.2	rs4148008	<i>ABCA8</i>	17	64386889		
17q25.3	rs4082919	<i>PGS1</i>	17	73889077		
18q21.1	rs7241918	<i>LIPG</i>	18	45414951		
18q21.32	rs12967135	<i>MC4R</i>	18	56000003		
19p13.2	rs7248104	<i>INSR</i>	19	7175431		
19p13.2	rs7255436	<i>ANGPTL4</i>	19	8339196		
19p13.2	rs6511720	<i>LDLR</i>	19	11063306		
19p13.2	rs737337	<i>LOC55908</i>	19	11208493		
19p13.11	rs10401969	<i>CILP2</i>	19	19268718		
19q13.11	rs731839	<i>PEPD</i>	19	38590905		
19q13.32	rs4420638	<i>APOEC1C2</i>	19	50114786		
19q13.33	rs492602	<i>FLJ36070</i>	19	53898229		
19q13.33	rs17695224	<i>HAS1</i>	19	57016028		
19q13.42	rs386000	<i>LILRA3</i>	19	59484573		
20p12.1	rs364585	<i>SPTLC3</i>	20	12910718		
20p12.1	rs2328223	<i>SNX5</i>	20	17793921		
20q11.22	rs2277862	<i>ERGIC3</i>	20	33616196		
20q12	rs2902940	<i>MAFB</i>	20	38524901		
20q12	rs909802	<i>TOPI</i>	20	39370229		
20q13.12	rs1800961	<i>HNF4A</i>	20	42475778		
20q13.12	rs6065906	<i>PLTP</i>	20	43987422		
22q11.21	rs181362	<i>UBE2L3</i>	22	20262068		
22q12.2	rs5763662	<i>MTMR3</i>	22	28708703		
22q12.3	rs138777	<i>TOM1</i>	22	34041098		
22q13.1	rs5756931	<i>PLA2G6</i>	22	36875979		
22q13.31	rs4253772	<i>PPARA</i>	22	45006267		

Cyto: cytogenic position of each of the SNPs

rsID: SNP name

Chr: chromosome

Supplemental Table 2b: List of SNPs used in analysis or proxies from GWAS of statin-induced change in LDL-C. Index variants from candidate loci identified from analysis of rosuvastatin-induced change in LDL-C¹.

Cyto	rsID	Locus Name	Chr	Position (hg18)
1p32.3	rs17111584	<i>PCSK9</i>	1	55319284
4q22.1	rs2199936	<i>ABCG2</i>	4	89264355
6q26	rs10455872	<i>LPA</i>	6	160930108
12p12.1	rs12317268	<i>SLCO1B1</i>	12	21243808
19p13.2	rs11672123	<i>LDLR</i>	19	11055823
19q13.32	rs7412	<i>APOE</i>	19	50103919

Cyto: cytogenic position of each of the SNPs

rsID: SNP name

Chr: chromosome

Supplemental Table 2c: List of all SNPs used in analysis or proxies and associations with circulating lipids^{1,2} and statin-induced change in LDL-C³.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Proxy	Lipid associations				
						LDL-C	HDL-C	Triglycerides	Total Cholesterol	Statin Induced Change in LDL-C
1.01	rs1077514	ASAP3	1	23638820					x	
1.02	rs12027135	LDLRAP1	1	25648320		x			x	
1.03	rs12748152	PIGV-NROB2	1	27010980		x	x	x		
1.04	rs4660293	PABPC4	1	39800767			x			
1.05	rs2479409	PCSK9	1	55277238		x			x	
1.06	rs17111584	PCSK9 - delta	1	55319284						x
1.07	rs2131925	ANGPTL3	1	62798530		x		x	x	
1.08	rs7515577	EVI5	1	92782026					x	
1.09	rs629301	SORT1	1	109619829		x			x	
1.10	rs267733	ANXA9-CERS2	1	149225460		x				
1.11	rs12145743	HDGF-PMVK	1	154967275			x			
1.12	rs4650994	ANGPTL1	1	176781935			x			
1.13	rs1689800	ZNF648	1	180435508			x			
1.14	rs2807834	MOSC1	1	219037216		x			x	
1.15	rs4846914	GALNT2	1	228362314			x	x		
1.16	rs514230	IRF2BP2	1	232925220		x			x	
2.01	rs1367117	APOB	2	21117405		x	x	x	x	
2.02	rs1260326	GCKR	2	27584444				x	x	
2.03	rs4299376	ABCG5-8	2	43926080		x			x	
2.04	rs2710642	EHBPI	2	63003061		x				
2.05	rs10490626	INSIG2	2	118552311		x			x	
2.06	rs2030746	LOC84931	2	121025958		x			x	
2.07	rs6759321	RABGAP1	2	136039146					x	
2.08	rs10195252	COBLL1	2	165221337			x		x	
2.09	rs2287623	ABCB11	2	169538401					x	
2.10	rs11694172	FAM117B	2	203240549					x	
none	rs1047891	CPS1	2	211248752	none		x			
2.11	rs1250229	FNI	2	216012629		x				
2.12	rs2943645	IRS1	2	226807424			x	x		
2.13	rs11563251	UGT1A1	2	234344123		x			x	
3.01	rs2606736	ATG7	3	11375249			x			
3.02	rs2290159	RAF1	3	12603920					x	
3.03	rs7640978	CMTM6	3	32508014		x			x	
3.04	rs2290547	SETD2	3	47036187			x			
3.05	rs2013208	RBM5	3	50104403			x			
3.06	rs13326165	STAB1	3	52507158			x			
3.07	rs13315871	PXK	3	58356327					x	
3.08	rs6805251	GSK3B	3	121043296			x			
3.09	rs17404153	ACAD11	3	133645890		x	x			

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Proxy	Lipid associations				
						LDL-C	HDL-C	Triglycerides	Total Cholesterol	Statin Induced Change in LDL-C
3.10	rs645040	<i>MSL2L1</i>	3	137409312				x		
4.01	rs6831256	<i>LRPAP1</i>	4	3442937		x		x	x	
4.02	rs10019888	<i>C4orf52</i>	4	25672088			x			
4.03	rs442177	<i>KLHL8</i>	4	88249285				x		
4.04	rs2199936	<i>ABCG2 - delta</i>	4	89264355						x
4.05	rs3822072	<i>FAM13A1</i>	4	89960292				x		
4.06	rs2602836	<i>ADH5</i>	4	100233828				x		
4.07	rs13107325	<i>SLC39A8</i>	4	103407732				x		
5.01	rs6450176	<i>ARL15</i>	5	53333782				x		
5.02	rs9686661	<i>MAP3K1</i>	5	55897543					x	
5.03	rs12916	<i>HMGCR</i>	5	74692295		x			x	
5.04	rs4530754	<i>CSNK1G3</i>	5	122883315		x			x	
5.05	rs6882076	<i>TIMD4</i>	5	156322875		x		x	x	
6.01	rs3757354	<i>MYLIP</i>	6	16235386		x			x	
6.02	rs1800562	<i>HFE</i>	6	26201120		x			x	
6.03	rs3177928	<i>HLA</i>	6	32520413		x		x	x	
6.04	rs2814982	<i>C6orf106</i>	6	34654538				x	x	
6.05	rs2758886	<i>KCNK17</i>	6	39358815					x	
6.06	rs998584	<i>VEGFA</i>	6	43865874				x		
6.07	rs9488822	<i>FRK</i>	6	116419586		x			x	
6.08	rs1936800	<i>RSPO3</i>	6	127477757				x		
6.09	rs9376090	<i>HBS1L</i>	6	135452921					x	
6.10	rs605066	<i>CITED2</i>	6	139871359				x		
6.11	rs1564348	<i>LPA</i>	6	160498850		x		x	x	
6.12	rs10455872	<i>LPA - delta</i>	6	160930108						x
7.01	rs1997243	<i>GPR146</i>	7	1050303					x	
7.02	rs702485	<i>DAGLB</i>	7	6415797						
7.03	rs4142995	<i>SNX13</i>	7	17885783				x		
7.04	rs2285942	<i>DNAH11</i>	7	21549442		x			x	
7.05	rs4722551	<i>MIR148A</i>	7	25958351		x		x	x	
7.06	rs2072183	<i>NPC1L1</i>	7	44545705		x			x	
7.07	rs4917014	<i>IKZF1</i>	7	50276409						
none	rs13238203	<i>TYWIB</i>	7	71767603	none			x		
7.08	rs7811265	<i>MLXIPL</i>	7	72572446				x	x	
7.09	rs38855	<i>MET</i>	7	116145280					x	
7.10	rs4731702	<i>KLF14</i>	7	130083924				x		
7.11	rs17173637	<i>TMEM176A</i>	7	150160382				x		
8.01	rs9987289	<i>PPP1R3B</i>	8	9220768		x		x	x	
8.02	rs11776767	<i>PINX1</i>	8	10721339				x		
8.03	rs1495743	<i>NAT2</i>	8	18317580				x	x	
8.04	rs12678919	<i>LPL</i>	8	19888502				x		
8.05	rs10102164	<i>SOX17</i>	8	55584167		x			x	
8.06	rs1030431	<i>CYP7A1</i>	8	59474251		x			x	
8.07	rs2293889	<i>TRPS1</i>	8	116668374				x	x	

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Proxy	Lipid associations				
						LDL-C	HDL-C	Triglycerides	Total Cholesterol	Statin Induced Change in LDL-C
8.08	rs2954029	<i>TRIB1</i>	8	126560154		x	x	x	x	
8.09	rs11136341	<i>PLEC1</i>	8	145115531		x			x	
9.01	rs3780181	<i>VLDLR</i>	9	2630759		x			x	
9.02	rs643531	<i>TTC39B</i>	9	15286034			x		x	
9.03	rs1883025	<i>ABCA1</i>	9	106704122			x		x	
9.04	rs649129	<i>ABO</i>	9	135144125		x			x	
10.01	rs1832007	<i>AKR1C4</i>	10	5244847				x		
10.02	rs10904908	<i>TRDMT1</i>	10	17300296					x	
10.03	rs970548	<i>MARCH8-ALOX5</i>	10	45333283			x		x	
10.04	rs10761731	<i>JMJD1C</i>	10	64697616				x		
10.05	rs2068888	<i>CYP26A1</i>	10	94829632				x		
10.06	rs2255141	<i>GPAM</i>	10	113923876		x			x	
11.01	rs2923084	<i>AMPD3</i>	11	10345358			x			
11.02	rs10832963	<i>SPTY2D1</i>	11	18620817					x	
11.03	rs3136441	<i>LRP4</i>	11	46699823			x			
11.04	rs11246602	<i>OR4C46</i>	11	51368666			x			
11.05	rs174546	<i>FADS123</i>	11	61326406		x	x	x	x	
11.06	rs12801636	<i>KAT5</i>	11	65147893			x			
11.07	rs499974	<i>MOGAT2-DGAT2</i>	11	75132669			x			
11.08	rs964184	<i>APOA1C3A4A5</i>	11	116154127		x	x	x	x	
11.09	rs11603023	<i>PHLDB1</i>	11	117991277					x	
11.10	rs7941030	<i>UBASH3B</i>	11	122027585			x		x	
11.11	rs11220462	<i>ST3GAL4</i>	11	125749162		x			x	
12.01	rs4883201	<i>PHC1-A2ML1</i>	12	8973848					x	
12.02	rs7134375	<i>PDE3A</i>	12	20365025			x			
12.03	rs12317268	<i>SLCO1B1 - delta</i>	12	21243808						x
12.04	rs11613352	<i>LRP1</i>	12	56078847				x		
12.05	rs7134594	<i>MVK</i>	12	108484576				x		
12.06	rs11065987	<i>BRAP</i>	12	110556807		x			x	
12.07	rs1169288	<i>HNF1A</i>	12	119901033		x			x	
12.08	rs4759375	<i>SBN01</i>	12	122362191			x			
12.09	rs4765127	<i>ZNF664</i>	12	123026120				x		
12.10	rs838880	<i>SCARB1</i>	12	123827546			x			
13.01	rs4942486	<i>BRCA2</i>	13	31851388		x				
14.01	rs2332328	<i>NYNRIN</i>	14	23952898		x				
14.02	rs4983559	<i>ZBTB42-AKT1</i>	14	104348254						
none	rs2412710	<i>CAPN3</i>	15	40471079	none			x		
15.01	rs8035382	<i>FRMD5</i>	15	42031815	rs292982			x		
15.02	rs1532085	<i>LIPC</i>	15	56470658			x		x	
15.03	rs2652834	<i>LACTB</i>	15	61183920				x		
16.01	rs3198697	<i>PDXDC1</i>	16	15037441				x		
16.02	rs11649653	<i>CTF1</i>	16	30825988				x		
16.03	rs1121980	<i>FTO</i>	16	52366748			x			
16.04	rs3764261	<i>CETP</i>	16	55550825		x	x	x	x	

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Proxy	Lipid associations				
						LDL-C	HDL-C	Triglycerides	Total Cholesterol	Statin Induced Change in LDL-C
16.05	rs16942887	<i>LCAT</i>	16	66485543			x			
16.06	rs2000999	<i>HPR</i>	16	70665594		x			x	
16.07	rs2925979	<i>CMIP</i>	16	80092291			x			
17.01	rs314253	<i>DLG4</i>	17	7032374		x			x	
17.02	rs881844	<i>STARD3</i>	17	35063744			x			
17.03	rs8077889	<i>MPP3</i>	17	39233692				x		
17.04	rs7225700	<i>OSBPL7</i>	17	42746803		x			x	
17.05	rs1801689	<i>APOH-PRXCA</i>	17	61641042		x				
17.06	rs4148008	<i>ABCA8</i>	17	64386889			x			
17.07	rs4082919	<i>PGS1</i>	17	73889077			x			
18.01	rs7241918	<i>LIPG</i>	18	45414951			x		x	
18.02	rs12967135	<i>MC4R</i>	18	56000003			x			
19.01	rs7248104	<i>INSR</i>	19	7175431				x		
19.02	rs7255436	<i>ANGPTL4</i>	19	8339196			x			
19.03	rs11672123	<i>LDLR - delta</i>	19	11055823						x
19.04	rs6511720	<i>LDLR</i>	19	11063306		x			x	
19.05	rs737337	<i>LOC55908</i>	19	11208493			x			
19.06	rs10401969	<i>CILP2</i>	19	19268718		x		x	x	
19.07	rs731839	<i>PEPD</i>	19	38590905			x	x		
19.08	rs7412	<i>APOE - delta</i>	19	50103919						x
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786		x	x	x	x	
19.10	rs492602	<i>FLJ36070</i>	19	53898229					x	
19.11	rs17695224	<i>HAS1</i>	19	57016028			x			
19.12	rs386000	<i>LILRA3</i>	19	59484573			x			
20.01	rs364585	<i>SPTLC3</i>	20	12910718		x				
20.02	rs2328223	<i>SNX5</i>	20	17793921			x			
20.03	rs2277862	<i>ERGIC3</i>	20	33616196					x	
20.04	rs2902940	<i>MAFB</i>	20	38524901		x			x	
20.05	rs909802	<i>TOP1</i>	20	39370229		x			x	
20.06	rs1800961	<i>HNF4A</i>	20	42475778			x		x	
20.07	rs6065906	<i>PLTP</i>	20	43987422			x	x		
22.01	rs181362	<i>UBE2L3</i>	22	20262068				x		
22.02	rs5763662	<i>MTMR3</i>	22	28708703		x				
22.03	rs138777	<i>TOM1</i>	22	34041098					x	
22.04	rs5756931	<i>PLA2G6</i>	22	36875979				x		
22.05	rs4253772	<i>PPARA</i>	22	45006267		x			x	

Cluster number: unique numeric identifier for each of the SNPs in the analysis (none indicates the SNP was not genotyped nor imputed in the study population)

Cyto: cytogenic position of each of the SNPs

rsID: SNP name

MAF: minor allele frequency

Supplemental Table 3: Clinical characteristics of the JUPITER study participants of European ancestry who provided informed consent for genetic analysis and provided baseline and one-year (n=7,046) blood samples by drug-allocation.

		ALL	Rosuvastatin	Placebo
N		7046	3534	3512
Age, yrs	median (IQR)	66.0 (60.0-71.0)	66.0 (60.0-71.0)	66.0 (60.0-71.0)
Gender, female	N (%)	2815 (32%)	1428 (33%)	1387 (32%)
BMI, kg/m ²	median (IQR)	28.6 (25.7-32.11)	28.6 (25.7-32.2)	28.7 (25.6-32.1)
Hypertension	N (%)			
Current Smoker	N (%)	1158 (13%)	583 (13%)	575 (13%)
Baseline				
LDL-C	mg/dL	110.0 (97.0 - 120.0)	110.0 (96.0 - 120.0)	110.0 (97.0 - 120.0)
non-HDL-C	mg/dL	135.0 (121.0 - 147.0)	135.0 (121.0 - 147.0)	135.0 (121.0 - 147.0)
apo B	mg/dL	109.0 (97.0 - 121.0)	109.0 (96.0 - 122.0)	109.0 (97.0 - 121.0)
LDL-P	nmol/L	1268.0 (1090.0 - 1457.0)	1260.0 (1092.0 - 1458.0)	1276.0 (1090.0 - 1456.0)
LDL-size	nm	21.0 (20.6 - 21.4)	21.0 (20.5 - 21.4)	21.0 (20.6 - 21.4)
Change				
LDL-C	mg/dL	-	-54.0 (-66.0 - -41.0)	3.0 (-7.0 - 15.0)
non-HDL-C	mg/dL	-	-59.0 (-73.0 - -44.0)	4.0 (-8.0 - 16.0)
apo B	mg/dL	-	-43.0 (-54.0 - -32.0)	-2.0 (-12.0 - 7.0)
LDL-P	nmol/L	-	-528.0 (-692.8 - -356.0)	-47.5 (-181.0 - 90.8)
LDL-size	nm	-	-0.4 (-0.8 - 0.0)	0.0 (-0.3 - 0.3)

IQR: interquartile range

Supplemental Table 4: Correlation matrix for baseline and statin-response measures. Spearman correlation matrix (r^2) for all baseline, absolute change (Δ) and percentage change ($\Delta \%$) measures among up to 3,534 statin-allocated participants in the JUPITER study.

		LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
		baseline	Δ	$\Delta \%$	baseline	Δ	$\Delta \%$	baseline	Δ	$\Delta \%$	baseline	Δ	$\Delta \%$	baseline	Δ	$\Delta \%$
LDL-C	baseline															
	Δ	-0.52														
	$\Delta \%$	-0.11	0.86													
non-HDL-C	baseline	0.74	-0.44	-0.14												
	Δ	-0.44	0.88	0.78	-0.55											
	$\Delta \%$	-0.16	0.82	0.89	-0.18	0.88										
apo B	baseline	0.51	-0.21	0.03	0.70	-0.28	0.02									
	Δ	-0.29	0.64	0.57	-0.38	0.70	0.61	-0.60								
	$\Delta \%$	-0.09	0.66	0.73	-0.12	0.70	0.78	-0.24	0.89							
LDL-P	baseline	0.41	-0.18	0.01	0.61	-0.26	0.01	0.79	-0.47	-0.17						
	Δ	-0.18	0.50	0.47	-0.33	0.56	0.47	-0.45	0.71	0.61	-0.64					
	$\Delta \%$	-0.01	0.52	0.61	-0.07	0.54	0.61	-0.14	0.61	0.68	-0.26	0.88				
LDL-size	baseline	0.15	-0.03	0.07	-0.20	0.09	0.01	-0.20	0.11	0.04	-0.31	0.21	0.10			
	Δ	-0.06	0.17	0.17	0.13	0.07	0.15	0.13	0.04	0.12	0.19	-0.08	-0.02	-0.61		
	$\Delta \%$	-0.06	0.17	0.17	0.12	0.07	0.15	0.13	0.05	0.12	0.18	-0.08	-0.02	-0.58	1.00	

Supplemental Table 5: Association results for index variants in each candidate region tested and association with baseline levels of LDL-C, non-HDL-C, apo B, LDL-P and LDL-size among rosuvastatin- and placebo-allocated participants.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C baseline		non-HDL-C baseline			Apo B baseline			LDL-P baseline		LDL-size baseline				
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
1.01	rs1077514	ASAP3	1	23638820	2.2E-02	3.6E-01	1.2E-04	3.5E-02	1.5E-01	2.9E-04	3.2E-02	1.9E-01	2.5E-04	2.9E-02	2.6E-01	2.1E-04	6.9E-03	7.8E-01	1.3E-05
1.02	rs12027135	LDLRAP1	1	25648320	-2.6E-02	1.2E-01	3.5E-04	-2.6E-02	1.2E-01	3.5E-04	-2.9E-03	8.6E-01	4.2E-06	-1.4E-02	4.4E-01	9.9E-05	-2.4E-04	9.9E-01	3.1E-08
1.03	rs12748152	PIGV-NROB2	1	27010980	-3.3E-02	3.0E-01	1.5E-04	1.2E-02	7.1E-01	2.0E-05	2.3E-02	4.8E-01	7.0E-05	4.9E-02	1.6E-01	3.4E-04	4.6E-02	1.7E-01	3.2E-04
1.04	rs4660293	PABPC4	1	39800767	-2.4E-02	2.3E-01	2.1E-04	9.3E-06	1.0E+00	3.2E-11	4.6E-03	8.2E-01	7.7E-06	5.8E-03	7.8E-01	1.3E-05	-4.6E-03	8.2E-01	8.3E-06
1.05	rs2479409	PCSK9	1	55277238	1.3E-02	4.7E-01	7.3E-05	1.1E-02	5.4E-01	5.2E-05	-1.2E-02	4.9E-01	6.8E-05	-2.9E-02	1.2E-01	4.0E-04	1.4E-02	4.7E-01	9.0E-05
1.06	rs17111584	PCSK9 - delta	1	55319284	-6.9E-02	8.3E-02	4.3E-04	-7.8E-02	5.0E-02	5.4E-04	-8.7E-02	3.1E-02	6.6E-04	-1.6E-02	7.0E-01	2.5E-05	5.6E-02	1.8E-01	3.1E-04
1.07	rs2131925	ANGPTL3	1	62798530	-3.2E-02	6.4E-02	4.9E-04	-8.1E-02	2.8E-06*	3.1E-03	-6.6E-02	1.7E-04+	2.0E-03	-4.1E-02	2.7E-02	8.2E-04	4.1E-02	2.4E-02	8.6E-04
1.08	rs7515577	EVIS	1	92782026	-4.4E-02	2.9E-02	6.8E-04	-4.6E-02	2.3E-02	7.4E-04	-3.9E-02	6.0E-02	5.1E-04	-1.6E-02	4.5E-01	9.4E-05	2.8E-03	9.0E-01	2.9E-06
1.09	rs629301	SORT1	1	109619829	-1.0E-01	6.8E-08*	4.1E-03	-4.4E-02	2.0E-02	7.7E-04	-9.2E-02	1.2E-06*	3.4E-03	-4.3E-02	3.6E-02	7.4E-04	-3.0E-02	1.4E-01	3.8E-04
1.10	rs267733	ANXA9-CERS2	1	149225460	9.9E-03	6.6E-01	2.7E-05	1.1E-03	9.6E-01	3.4E-07	-1.5E-02	5.1E-01	6.0E-05	1.3E-03	9.6E-01	4.8E-07	3.1E-02	1.9E-01	2.9E-04
1.11	rs12145743	HDGF-PMVK	1	154967275	2.0E-02	2.5E-01	1.9E-04	8.7E-03	6.2E-01	3.5E-05	-7.1E-03	6.9E-01	2.3E-05	-2.9E-05	1.0E+00	4.1E-10	3.0E-03	8.7E-01	4.6E-06
1.12	rs4650994	ANGPTL1	1	176781935	-1.1E-02	5.0E-01	6.4E-05	-5.0E-04	9.8E-01	1.3E-07	1.7E-02	3.1E-01	1.5E-04	1.5E-02	4.0E-01	1.2E-04	-5.2E-03	7.7E-01	1.5E-05
1.13	rs1689800	ZNF648	1	180435508	1.4E-02	4.0E-01	9.9E-05	1.5E-02	3.7E-01	1.1E-04	2.3E-02	1.9E-01	2.5E-04	1.9E-02	3.1E-01	1.8E-04	-9.1E-03	6.2E-01	4.3E-05
1.14	rs2807834	MOSCI	1	219037216	-4.9E-02	6.1E-03	1.1E-05	1.2E-03	9.5E-01	6.5E-07	1.0E-02	5.7E-01	4.5E-05	1.1E-02	5.6E-01	5.6E-05	-3.0E-02	1.1E-01	4.3E-04
1.15	rs4846914	GALNT2	1	228362314	-2.4E-03	8.9E-01	2.7E-06	2.3E-02	1.8E-01	2.5E-04	2.8E-02	1.1E-01	3.7E-04	3.6E-02	5.3E-02	6.3E-04	-5.7E-02	1.7E-03	1.7E-03
1.16	rs514230	IRF2BP2	1	232925220	-1.5E-02	3.8E-01	1.1E-04	-3.9E-02	1.9E-02	7.9E-04	-2.5E-02	1.3E-01	3.2E-04	-5.1E-03	7.7E-01	1.4E-05	3.4E-02	5.4E-02	6.2E-04
2.01	rs1367117	APOB	2	21117405	2.5E-02	1.7E-01	2.7E-04	2.4E-02	1.8E-01	2.5E-04	3.2E-02	8.5E-02	4.2E-04	-3.8E-02	5.4E-02	6.2E-04	1.1E-02	5.7E-01	5.4E-05
2.02	rs1260326	GCKR	2	27584444	-1.1E-02	5.1E-01	6.2E-05	1.2E-01	5.3E-12*	6.7E-03	9.5E-02	2.4E-08*	4.4E-03	7.8E-02	1.8E-05*	3.1E-03	-7.4E-02	2.8E-05*	2.9E-03
2.03	rs4299376	ABCG5-8	2	43926080	1.6E-02	3.9E-01	1.1E-04	1.2E-02	5.1E-01	6.1E-05	1.9E-02	3.0E-01	1.6E-04	-8.0E-03	6.8E-01	2.8E-05	4.8E-02	1.2E-02	1.1E-03
2.04	rs2710642	EHBP1	2	63003061	-1.2E-02	4.8E-01	7.0E-05	-3.0E-03	8.7E-01	4.1E-06	-1.0E-02	5.7E-01	4.7E-05	3.7E-03	8.4E-01	6.4E-06	1.9E-02	3.1E-01	1.8E-04
2.05	rs10490626	INSIG2	2	118552311	-3.3E-02	2.6E-01	1.8E-04	1.0E-02	7.3E-01	1.6E-05	9.3E-03	7.5E-01	1.4E-05	-4.3E-03	8.9E-01	3.0E-06	-4.5E-02	1.5E-01	3.6E-04
2.06	rs2030746	LOC84931	2	121025958	3.0E-02	8.1E-02	4.3E-04	3.6E-02	3.4E-02	6.4E-04	1.7E-02	3.1E-01	1.5E-04	1.8E-02	3.3E-01	1.6E-04	2.5E-02	1.6E-01	3.4E-04
2.07	rs6759321	RABGAP1	2	136039146	-5.6E-03	7.6E-01	1.3E-05	1.7E-02	3.5E-01	1.2E-04	1.5E-02	4.0E-01	1.0E-04	-8.5E-03	6.7E-01	3.1E-05	-4.4E-03	8.2E-01	8.4E-06
2.08	rs10195252	COBLL1	2	165221337	-2.4E-02	1.6E-01	2.9E-04	-4.0E-02	1.9E-02	7.8E-04	-2.9E-02	9.7E-02	3.9E-04	-3.2E-02	7.8E-02	5.2E-04	3.7E-02	3.9E-02	7.2E-04
2.09	rs2287623	ABCB11	2	169538401	-7.2E-03	6.7E-01	2.5E-05	2.1E-03	9.0E-01	2.2E-06	-7.7E-03	6.5E-01	2.9E-05	-8.6E-03	6.4E-01	3.7E-05	1.4E-02	4.5E-01	9.6E-05
2.10	rs11694172	FAM117B	2	203240549	1.3E-02	5.0E-01	6.3E-05	1.4E-02	4.7E-01	7.5E-05	1.4E-02	4.6E-01	7.7E-05	1.2E-02	5.7E-01	5.3E-05	1.2E-03	9.5E-01	5.8E-07
2.11	rs1250229	FNI	2	216012629	-1.5E-02	4.2E-01	9.4E-05	-1.9E-02	3.2E-01	1.4E-04	-9.2E-03	6.3E-01	3.3E-05	6.9E-03	7.4E-01	1.9E-05	-2.5E-02	2.1E-01	2.7E-04
2.12	rs2943645	IRS1	2	226807424	-1.6E-02	3.5E-01	1.2E-04	-2.6E-02	1.3E-01	3.3E-04	-2.1E-02	2.3E-01	2.1E-04	-2.1E-02	2.6E-01	2.1E-04	2.1E-04	9.9E-01	2.4E-08
2.13	rs11563251	UGT1A1	2	234344123	2.1E-02	4.4E-01	8.6E-05	9.0E-03	7.4E-01	1.6E-05	-3.3E-02	2.3E-01	2.1E-04	-4.1E-02	1.5E-01	3.4E-04	-4.8E-03	8.6E-01	5.0E-06
3.01	rs2606736	ATG7	3	11375249	2.7E-02	1.2E-01	3.4E-04	5.8E-03	7.4E-01	1.6E-05	5.9E-03	7.4E-01	1.6E-05	5.7E-03	7.6E-01	1.5E-05	8.8E-03	6.3E-01	3.9E-05
3.02	rs2290159	RAF1	3	12603920	-3.9E-03	8.5E-01	5.3E-06	1.0E-02	6.1E-01	3.8E-05	6.1E-03	7.6E-01	1.3E-05	1.3E-02	5.6E-01	5.7E-05	-1.4E-02	5.2E-01	7.0E-05
3.03	rs7640978	CMTM6	3	32508014	-1.5E-02	5.9E-01	4.1E-05	-3.3E-03	9.0E-01	2.0E-06	9.7E-03	7.3E-01	1.7E-05	-4.1E-03	8.9E-01	3.1E-06	6.5E-03	8.3E-01	8.1E-06
3.04	rs2290547	SETD2	3	47036187	-1.9E-02	3.9E-01	1.0E-04	9.4E-03	6.7E-01	2.6E-05	2.7E-02	2.3E-01	2.1E-04	1.0E-02	6.7E-01	3.0E-05	-2.2E-02	3.4E-01	1.5E-04
3.05	rs2013208	RBM5	3	50104403	2.5E-02	1.3E-01	3.3E-04	-6.6E-03	6.9E-01	2.2E-05	-1.9E-02	2.6E-01	1.8E-04	-9.4E-03	6.0E-01	4.7E-05	4.3E-02	1.2E-02	1.1E-03
3.06	rs13326165	STAB1	3	52507158	1.8E-02	3.9E-01	1.1E-04	-4.7E-03	8.2E-01	7.4E-06	-4.2E-03	8.4E-01	5.8E-06	-2.0E-03	9.3E-01	1.4E-06	4.3E-02	4.6E-02	6.7E-04
3.07	rs13315871	PXK	3	58356327	4.7E-02	1.1E-01	3.6E-04	3.1E-02	2.9E-01	1.6E-04	2.7E-02	3.6E-01	1.2E-04	1.7E-03	9.6E-01	5.1E-07	1.4E-02	6.5E-01	3.4E-05
3.08	rs6805251	GSK3B	3	121043296	3.3E-02	5.2E-02	5.4E-04	3.8E-02	2.5E-02	7.1E-04	1.2E-02	4.8E-01	7.3E-05	-1.3E-02	4.8E-01	8.3E-05	8.2E-03	6.5E-01	3.5E-05
3.09	rs17404153	ACAD11	3	133645890	3.3E-03	8.9E-01	2.5E-06	1.7E-03	9.4E-01	6.8E-07	4.0E-02	1.1E-01	3.7E-04	-7.7E-03	7.8E-01	1.4E-05	-2.4E-02	3.6E-01	1.4E-04
3.10	rs645040	MSL2L1	3	137409312	-3.7E-03	8.5E-01	4.9E-06	-2.9E-02	1.5E-01	3.0E-04	-6.8E-03	7.3E-01	1.7E-05	-7.4E-04	9.7E-01	2.0E-07	-1.7E-02	4.2E-01	1.1E-04
4.01	rs6831256	LRPAP1	4	3442937	3.5E-02	4.2E-02	5.9E-04	6.7E-02	8.1E-05+	2.2E-03	5.8E-02	6.4E-04	1.7E-03	4.7E-02	9.2E-03	1.1E-03	-4.8E-02	6.5E-03	1.2E-03
4.02	rs10019888	C4orf52	4	25672088	1.7E-03	9.4E-01	8.4E-07	1.1E-02	6.1E-01	3.7E-05	1.6E-02	4.7E-01	7.6E-05	-1.3E-02	6.0E-01	4.6E-05	-5.2E-02	2.8E-02	8.1E-04
4.03	rs442177	KLHL8	4	88249285	3.0E-03	8.6E-01	4.3E-06	-1.5E-03	9.3E-01	1.1E-06	-1.6E-03	9.2E-01	1.3E-06	-3.3E-03	8.6E-01	5.3E-06	-8.7E-03	6.3E-01	3.9E-05
4.04	rs2199936	ABCG2 - delta	4	89264355	3.6E-02	1.8E-01	2.5E-04	2.9E-02	2.8E-01	1.7E-04	5.1E-02	5.8E-02	5.1E-04	3.3E-02	2.5E-01	2.3E-04	1.0E-02	7.2E-01	2.2E-05
4.05	rs3822072	FAM13A1	4	89960292	-2.9E-02	8.3E-02	4.3E-04	-1.7E-03	9.2E-01	1.5E-06	1.1E-02	4.9E-01	6.7E-05	1.8E-02	3.2E-01	1.6E-04	-4.1E-02	1.8E-02	9.4E-04

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C baseline		non-HDL-C baseline			Apo B baseline			LDL-P baseline			LDL-size baseline			
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
4.06	rs2602836	<i>ADH5</i>	4	100233828	-4.4E-03	7.9E-01	9.8E-06	-9.9E-03	5.6E-01	4.9E-05	-2.2E-02	1.8E-01	2.5E-04	-1.6E-02	3.7E-01	1.4E-04	1.4E-02	4.2E-01	1.1E-04
4.07	rs13107325	<i>SLC39A8</i>	4	103407732	-3.2E-02	2.9E-01	1.6E-04	2.0E-02	5.2E-01	5.9E-05	1.9E-02	5.2E-01	5.8E-05	-2.1E-03	9.5E-01	7.5E-07	-4.4E-02	1.6E-01	3.3E-04
5.01	rs6450176	<i>ARL15</i>	5	53333782	-1.5E-02	4.7E-01	7.5E-05	-8.7E-03	6.8E-01	2.4E-05	3.4E-03	8.7E-01	3.8E-06	3.1E-03	8.9E-01	3.1E-06	-9.1E-03	6.8E-01	2.8E-05
5.02	rs9686661	<i>MAP3K1</i>	5	55897543	-4.2E-02	5.9E-02	5.1E-04	1.6E-02	4.7E-01	7.3E-05	2.1E-02	3.3E-01	1.4E-04	3.8E-02	1.0E-01	4.5E-04	-6.8E-02	2.9E-03	1.5E-03
5.03	rs12916	<i>HMGCR</i>	5	74692295	1.5E-02	3.7E-01	1.1E-04	-9.9E-04	9.5E-01	4.8E-07	4.6E-04	9.8E-01	1.0E-07	-1.4E-03	9.4E-01	9.8E-07	3.3E-02	7.0E-02	5.5E-04
5.04	rs4530754	<i>CSNK1G3</i>	5	122883315	-1.8E-02	2.8E-01	1.7E-04	8.0E-04	9.6E-01	3.3E-07	-5.4E-04	9.7E-01	1.5E-07	7.7E-03	6.7E-01	3.1E-05	-2.3E-02	1.8E-01	3.0E-04
5.05	rs6882076	<i>TIMD4</i>	5	156322875	-1.9E-02	2.8E-01	1.7E-04	-2.4E-02	1.5E-01	3.0E-04	-4.3E-02	1.2E-02	8.9E-04	-7.9E-03	6.6E-01	3.2E-05	-1.7E-02	3.5E-01	1.4E-04
6.01	rs3757354	<i>MYLIP</i>	6	16235386	-1.7E-02	4.1E-01	9.5E-05	-6.9E-03	7.3E-01	1.7E-05	2.8E-03	8.9E-01	2.8E-06	2.4E-02	2.6E-01	2.1E-04	-1.5E-02	4.6E-01	9.1E-05
6.02	rs1800562	<i>HFE</i>	6	26201120	-7.1E-02	2.5E-02	7.2E-04	-5.7E-02	7.4E-02	4.5E-04	-5.2E-02	1.0E-01	3.8E-04	-1.4E-02	6.7E-01	3.0E-05	-1.5E-03	9.6E-01	3.6E-07
6.03	rs3177928	<i>HLA</i>	6	32520413	1.2E-03	9.6E-01	4.0E-07	2.9E-02	2.2E-01	2.1E-04	1.1E-02	6.5E-01	2.9E-05	-8.8E-03	7.3E-01	2.0E-05	-3.0E-02	2.2E-01	2.5E-04
6.04	rs2814982	<i>C6orf106</i>	6	34654538	-4.5E-03	8.7E-01	4.0E-06	2.1E-02	4.2E-01	9.1E-05	3.0E-02	2.7E-01	1.7E-04	2.9E-02	3.1E-01	1.7E-04	-1.3E-02	6.5E-01	3.5E-05
6.05	rs2758886	<i>KCNK17</i>	6	39358815	2.8E-03	8.8E-01	3.2E-06	4.0E-03	8.3E-01	6.6E-06	1.8E-03	9.2E-01	1.3E-06	2.5E-03	7.9E-01	1.1E-05	8.3E-04	9.7E-01	3.1E-07
6.06	rs998584	<i>VEGFA</i>	6	43865874	-2.2E-02	1.9E-01	2.4E-04	1.6E-02	3.3E-01	1.3E-04	1.8E-02	2.8E-01	1.6E-04	3.8E-02	3.3E-02	7.7E-04	-7.5E-02	1.9E-05*	3.1E-03
6.07	rs9488822	<i>FRK</i>	6	116419586	-4.1E-02	1.7E-02	8.0E-04	-3.4E-02	4.9E-02	5.5E-04	-3.7E-02	3.2E-02	6.5E-04	-1.6E-02	3.9E-01	1.3E-04	5.2E-03	7.7E-01	1.4E-05
6.08	rs1936800	<i>RSP03</i>	6	127477757	-1.1E-02	5.2E-01	5.9E-05	-2.8E-02	8.7E-02	4.2E-04	5.2E-03	7.6E-01	1.4E-05	1.5E-02	3.9E-01	1.2E-04	1.1E-02	5.4E-01	6.5E-05
6.09	rs9376090	<i>HBS1L</i>	6	135452921	7.7E-03	6.8E-01	2.4E-05	1.3E-02	4.8E-01	6.9E-05	1.7E-02	3.8E-01	1.1E-04	2.3E-02	2.6E-01	2.1E-04	-4.7E-02	1.8E-02	9.4E-04
6.10	rs605066	<i>CITED2</i>	6	139871359	6.6E-03	7.0E-01	2.2E-05	2.7E-02	1.1E-01	3.5E-04	2.2E-02	2.0E-01	2.4E-04	1.4E-02	4.6E-01	9.4E-05	-3.4E-02	5.3E-02	6.3E-04
6.11	rs1564348	<i>LPA</i>	6	160498850	3.0E-02	2.0E-01	2.3E-04	1.8E-02	4.4E-01	8.4E-05	1.8E-02	4.4E-01	8.5E-05	-1.9E-02	4.4E-01	9.9E-05	1.8E-03	9.4E-01	9.2E-07
6.12	rs10455872	<i>LPA - delta</i>	6	160930108	4.9E-02	1.8E-01	2.5E-04	1.2E-02	7.4E-01	1.5E-05	8.1E-02	2.9E-02	6.8E-04	-1.1E-02	7.7E-01	1.5E-05	3.8E-02	3.2E-01	1.7E-04
7.01	rs1997243	<i>GPR146</i>	7	1050303	-9.2E-03	6.9E-01	2.3E-05	-1.8E-02	4.2E-01	9.2E-05	1.4E-02	5.5E-01	5.2E-05	1.2E-02	6.1E-01	4.3E-05	5.6E-02	1.9E-02	9.3E-04
7.02	rs702485	<i>DAGLB</i>	7	6415797	1.8E-02	2.9E-01	1.6E-04	2.6E-03	8.8E-01	3.5E-06	3.9E-03	8.2E-01	7.7E-06	-8.0E-03	6.5E-01	3.4E-05	2.0E-03	9.1E-01	2.3E-06
7.03	rs4142995	<i>SNX13</i>	7	17885783	-1.4E-02	4.1E-01	9.5E-05	-3.8E-03	8.2E-01	7.1E-06	1.9E-03	9.1E-01	1.7E-06	8.9E-03	6.3E-01	4.0E-05	-4.6E-03	8.0E-01	1.1E-05
7.04	rs2285942	<i>DNAH11</i>	7	21549442	-2.7E-02	2.6E-01	1.8E-04	8.3E-03	7.3E-01	1.7E-05	2.5E-02	3.0E-01	1.5E-04	-3.2E-03	9.0E-01	2.6E-06	-1.1E-02	6.6E-01	3.2E-05
7.05	rs4722551	<i>MIR148A</i>	7	25958351	3.7E-02	1.1E-01	3.7E-04	3.8E-03	8.7E-01	3.9E-06	1.2E-02	6.1E-01	3.8E-05	-1.7E-02	4.8E-01	8.3E-05	7.0E-02	3.6E-03	1.4E-03
7.06	rs2072183	<i>NPC1L1</i>	7	44545705	6.7E-03	7.5E-01	1.4E-05	-2.5E-02	2.4E-01	2.0E-04	-2.7E-02	2.0E-01	2.4E-04	-3.1E-02	1.7E-01	3.2E-04	7.6E-03	7.3E-01	2.0E-05
7.07	rs4917014	<i>IKZF1</i>	7	50276409	-1.2E-02	5.1E-01	6.2E-05	-2.6E-03	8.8E-01	3.0E-06	-9.6E-03	5.9E-01	4.1E-05	-2.6E-02	1.7E-01	3.1E-04	8.4E-03	6.5E-01	3.5E-05
7.08	rs7811265	<i>MLXIPL</i>	7	72572446	2.6E-02	2.1E-01	2.2E-04	-5.3E-02	1.1E-02	9.2E-04	-4.1E-02	4.8E-02	5.6E-04	-5.3E-02	1.8E-02	9.5E-04	9.8E-02	5.9E-06*	3.5E-03
7.09	rs38855	<i>MET</i>	7	116145280	-1.9E-02	2.5E-01	1.9E-04	-2.5E-02	1.4E-01	3.1E-04	-2.0E-02	2.3E-01	2.1E-04	-2.3E-02	2.0E-01	2.7E-04	-2.0E-02	2.5E-01	2.3E-04
7.10	rs4731702	<i>KLF14</i>	7	130083924	-1.6E-02	3.3E-01	1.4E-04	-1.9E-03	9.1E-01	1.8E-06	-2.1E-02	2.1E-01	2.2E-04	-1.9E-02	2.8E-01	2.0E-04	-8.4E-03	6.3E-01	3.9E-05
7.11	rs17173637	<i>TMEM176A</i>	7	150160382	3.5E-02	2.4E-01	2.0E-04	5.5E-02	6.1E-02	5.0E-04	4.0E-02	1.8E-01	2.5E-04	5.5E-02	8.2E-02	5.1E-04	-3.5E-02	2.5E-01	2.2E-04
8.01	rs9987289	<i>PPP1R3B</i>	8	9220768	-3.3E-02	2.7E-01	1.7E-04	-2.3E-03	9.4E-01	8.6E-07	1.1E-02	7.1E-01	1.9E-05	4.9E-02	1.2E-01	4.0E-04	-5.4E-02	8.0E-02	5.2E-04
8.02	rs11776767	<i>PINX1</i>	8	10721339	1.5E-03	9.3E-01	1.1E-06	2.6E-02	1.3E-01	3.3E-04	3.6E-02	4.1E-02	6.0E-04	3.5E-02	6.0E-02	6.0E-04	-4.3E-02	1.7E-02	9.7E-04
8.03	rs1495743	<i>NAT2</i>	8	18317580	-2.0E-02	3.3E-01	1.4E-04	2.4E-02	2.3E-01	2.0E-04	2.5E-04	9.9E-01	2.2E-08	-4.3E-03	8.5E-01	6.4E-06	-1.6E-02	4.6E-01	9.3E-05
8.04	rs12678919	<i>LPL</i>	8	19888502	2.3E-03	9.4E-01	9.3E-07	-1.4E-01	1.9E-06*	3.2E-03	-9.9E-02	5.2E-04	1.7E-03	-3.9E-02	1.9E-01	2.8E-04	1.4E-01	2.6E-06*	3.7E-03
8.05	rs10102164	<i>SOX17</i>	8	55584167	5.7E-02	6.3E-03	1.1E-03	5.8E-02	5.4E-03	1.1E-03	5.0E-02	1.7E-02	8.0E-04	3.6E-02	1.0E-01	4.4E-04	-1.4E-03	9.5E-01	6.9E-07
8.06	rs1030431	<i>CYP7A1</i>	8	59474251	3.8E-02	3.2E-02	6.5E-04	3.5E-02	5.3E-02	5.3E-04	2.5E-02	1.6E-01	2.8E-04	5.2E-03	7.9E-01	1.2E-05	3.4E-02	6.9E-02	5.6E-04
8.07	rs2293889	<i>TRPS1</i>	8	116668374	-1.4E-02	4.1E-01	9.4E-05	7.7E-04	9.6E-01	3.0E-07	-1.7E-03	9.2E-01	1.5E-06	-1.8E-02	3.3E-01	1.6E-04	9.7E-03	5.8E-01	5.1E-05
8.08	rs2954029	<i>TRIB1</i>	8	126560154	5.9E-02	4.5E-04	1.7E-03	-1.0E-01	5.4E-10*	5.5E-03	-6.8E-02	4.6E-05*	2.4E-03	-8.1E-02	6.5E-06*	3.4E-03	8.6E-02	8.0E-07*	4.1E-03
8.09	rs11136341	<i>PLEC1</i>	8	145115531	5.5E-03	7.5E-01	1.4E-05	-1.5E-02	3.8E-01	1.1E-04	1.9E-03	9.1E-01	1.7E-06	-6.2E-03	7.4E-01	1.8E-05	2.6E-02	1.6E-01	3.4E-04
9.01	rs3780181	<i>VLDLR</i>	9	2630759	-6.3E-02	6.1E-02	5.0E-04	-5.0E-02	1.3E-01	3.2E-04	-5.9E-02	8.0E-02	4.4E-04	-8.5E-02	1.9E-02	9.3E-04	2.9E-02	4.1E-01	1.2E-04
9.02	rs643531	<i>TTC39B</i>	9	15286034	4.3E-02	7.5E-02	4.5E-04	1.0E-02	6.8E-01	2.5E-05	-2.7E-02	2.8E-01	1.7E-04	-5.4E-02	3.9E-02	7.1E-04	8.4E-02	9.7E-04	1.8E-03
9.03	rs1883025	<i>ABCA1</i>	9	106704122	4.8E-02	1.1E-02	9.2E-04	2.8E-02	1.3E-01	3.2E-04	2.9E-02	1.2E-01	3.4E-04	6.6E-02	1.1E-03	1.8E-03	2.4E-03	9.0E-01	2.6E-06
9.04	rs649129	<i>ABO</i>	9	135144125	4.6E-02	2.8E-02	6.9E-04	3.5E-02	9.3E-02	4.0E-04	2.1E-02	3.2E-01	1.4E-04	-1.3E-02	5.7E-01	5.3E-05	2.0E-02	3.8E-01	1.3E-04
10.01	rs1832007	<i>AKR1C4</i>	10	5244847	2.8E-02	2.3E-01	2.1E-04	-2.4E-02	3.0E-01	1.5E-04	2.0E-03	9.3E-01	1.0E-06	-1.2E-02	6.3E-01	3.8E-05	1.4E-02	5.7E-01	5.5E-05
10.02	rs10904908	<i>TRDMT1</i>	10	17300296	-6.9E-03	6.8E-01	2.4E-05	-1.0E-02	5.4E-01	5.3E-05	-1.2E-02	4.6E-01	7.7E-05	-2.1E-02	2.6E-01	2.2E-04	3.0E-02	9.0E-02	4.8E-04
10.03	rs970548	<i>MARCH8-ALOX5</i>	10	45333283	1.3E-02	4.8E-01	7.1E-05	1.1E-02	5.5E-01	5.2E-05	6.9E-03	7.2E-01	1.9E-05	3.1E-03	8.8E-01	4.0E-06	2.9E-02	1.5E-01	3.5E-04
10.04	rs10761731	<i>JMJD1C</i>	10	64697616	2.3E-02	1.8E-01	2.5E-04	-1.7E-02	3.2E-01	1.4E-04	-5.3E-03	7.5E-01	1.4E-05	-5.5E-03	7.6E-01	1.6E-05	2.9E-02	1.0E-01	4.5E-04
10.05	rs2068888	<i>CYP26A1</i>	10	94829632	3.5E-02	3.8E-02	6.1E-04	1.8E-02	2.7E-01	1.7E-04	1.5E-02	3.6E-01	1.2E-04	8.4E-03	6.4E-01	3.7E-05	-1.0E-02	5.6E-01	5.8E-05

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C baseline		non-HDL-C baseline		Apo B baseline		LDL-P baseline			LDL-size baseline					
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
10.06	rs2255141	<i>GPAM</i>	10	113923876	1.1E-02	5.6E-01	4.7E-05	-1.8E-02	3.4E-01	1.3E-04	-5.2E-03	7.8E-01	1.1E-05	-6.9E-03	7.3E-01	2.0E-05	3.3E-02	9.4E-02	4.7E-04
11.01	rs2923084	<i>AMPD3</i>	11	10345358	-3.8E-03	8.6E-01	4.4E-06	7.8E-03	7.2E-01	1.8E-05	1.7E-02	4.3E-01	9.1E-05	-8.7E-03	7.1E-01	2.3E-05	-2.3E-02	3.1E-01	1.8E-04
11.02	rs10832963	<i>SPTY2D1</i>	11	18620817	7.4E-03	7.0E-01	2.2E-05	5.3E-03	7.8E-01	1.1E-05	-2.1E-02	2.8E-01	1.7E-04	-2.6E-02	2.1E-01	2.7E-04	-2.6E-02	1.9E-01	2.9E-04
11.03	rs3136441	<i>LRP4</i>	11	46699823	2.4E-02	3.1E-01	1.4E-04	-7.0E-03	7.7E-01	1.2E-05	-1.2E-02	6.2E-01	3.5E-05	-2.5E-02	3.3E-01	1.6E-04	6.2E-02	1.5E-02	1.0E-03
11.04	rs11246602	<i>OR4C46</i>	11	51368666	-5.0E-03	8.4E-01	5.7E-06	2.4E-02	3.5E-01	1.2E-04	-2.1E-02	4.2E-01	9.5E-05	-6.9E-03	8.0E-01	1.1E-05	1.4E-02	6.1E-01	4.4E-05
11.05	rs174546	<i>FADS123</i>	11	61326406	-4.2E-02	1.5E-02	8.3E-04	-2.2E-02	2.0E-01	2.3E-04	-2.2E-02	2.1E-01	2.2E-04	-5.7E-02	2.3E-03	1.6E-03	6.8E-03	7.1E-01	2.4E-05
11.06	rs12801636	<i>KAT5</i>	11	65147893	2.4E-02	2.3E-01	2.0E-04	1.8E-02	3.7E-01	1.2E-04	-1.5E-02	4.6E-01	7.8E-05	-1.2E-02	5.9E-01	4.8E-05	4.0E-02	5.9E-02	6.0E-04
11.07	rs499974	<i>MOGAT2-DGAT2</i>	11	75132669	2.3E-03	9.2E-01	1.4E-06	8.4E-03	7.1E-01	2.0E-05	2.6E-02	2.4E-01	1.9E-04	1.5E-02	5.3E-01	6.8E-05	7.7E-04	9.7E-01	1.8E-07
11.08	rs964184	<i>APOA1C3A4A5</i>	11	116154127	-8.1E-02	1.4E-03	1.4E-03	1.1E-01	1.2E-05*	2.7E-03	6.1E-02	1.7E-02	8.1E-04	5.5E-02	4.6E-02	6.7E-04	-2.7E-01	1.7E-24*	1.7E-02
11.09	rs11603023	<i>PHLDB1</i>	11	117991277	8.6E-03	6.0E-01	3.8E-05	4.5E-03	7.9E-01	1.0E-05	6.4E-03	7.0E-01	2.1E-05	9.3E-03	6.0E-01	4.5E-05	-5.7E-03	7.5E-01	1.8E-05
11.10	rs7941030	<i>UBASH3B</i>	11	122027585	7.0E-03	6.8E-01	2.4E-05	-1.4E-02	4.2E-01	9.4E-05	-1.1E-02	5.3E-01	5.5E-05	8.4E-03	6.5E-01	3.5E-05	2.7E-03	8.8E-01	3.9E-06
11.11	rs11220462	<i>ST3GALA</i>	11	125749162	4.1E-02	1.0E-01	3.8E-04	6.3E-02	1.2E-02	8.9E-04	5.5E-02	3.2E-02	6.5E-04	2.9E-02	2.9E-01	1.9E-04	7.2E-04	9.8E-01	1.2E-07
12.01	rs4883201	<i>PHC1-A2ML1</i>	12	8973848	-6.0E-02	2.6E-02	7.0E-04	-8.0E-02	3.3E-03	1.2E-03	-8.3E-02	2.4E-03	1.3E-03	-4.8E-02	1.0E-01	4.5E-04	1.8E-02	5.3E-01	6.5E-05
12.02	rs7134375	<i>PDE3A</i>	12	20365025	5.7E-03	7.4E-01	1.6E-05	-1.9E-02	2.7E-01	1.7E-04	-2.8E-02	1.0E-01	3.8E-04	-2.5E-02	1.6E-01	3.3E-04	1.1E-02	5.3E-01	6.6E-05
12.03	rs12317268	<i>SLCO1B1 - delta</i>	12	21243808	1.1E-02	6.3E-01	3.2E-05	1.2E-02	5.9E-01	4.1E-05	2.3E-02	3.2E-01	1.4E-04	2.8E-02	2.5E-01	2.2E-04	-8.5E-03	7.2E-01	2.1E-05
12.04	rs11613352	<i>LRP1</i>	12	56078847	-2.6E-02	1.8E-01	2.6E-04	-6.1E-02	1.9E-03	1.4E-03	-7.8E-02	7.8E-05+	2.2E-03	-6.6E-02	1.8E-03	1.6E-03	2.0E-02	3.4E-01	1.5E-04
12.05	rs7134594	<i>MVK</i>	12	108484576	2.0E-02	2.4E-01	1.9E-04	2.3E-02	1.8E-01	2.6E-04	4.0E-02	1.9E-02	7.8E-04	4.6E-02	1.1E-02	1.1E-03	-2.0E-02	2.7E-01	2.0E-04
12.06	rs11065987	<i>BRAP</i>	12	110556807	1.0E-03	9.5E-01	5.1E-07	-1.8E-03	9.2E-01	1.6E-06	2.5E-03	8.9E-01	3.0E-06	-2.5E-04	9.9E-01	3.2E-08	-2.6E-03	8.9E-01	3.5E-06
12.07	rs1169288	<i>HNF1A</i>	12	119901033	-1.6E-03	9.3E-01	1.0E-06	-1.7E-03	9.3E-01	1.1E-06	1.1E-02	5.5E-01	5.0E-05	4.9E-03	8.1E-01	9.6E-06	2.2E-02	2.7E-01	2.1E-04
12.08	rs4759375	<i>SBN1</i>	12	122362191	-1.8E-02	5.2E-01	6.0E-05	7.4E-03	7.9E-01	9.8E-06	1.5E-02	6.0E-01	4.0E-05	1.9E-03	9.5E-01	6.1E-07	-4.5E-03	8.8E-01	3.8E-06
12.09	rs4765127	<i>ZNF664</i>	12	123026120	-2.5E-02	1.6E-01	2.8E-04	-1.8E-02	3.2E-01	1.4E-04	-3.8E-02	3.3E-02	6.5E-04	-4.0E-02	3.2E-02	7.8E-04	6.8E-03	7.1E-01	2.3E-05
12.10	rs838880	<i>SCARB1</i>	12	123827546	1.3E-02	4.8E-01	7.2E-05	2.9E-03	8.7E-01	3.6E-06	-7.7E-03	6.7E-01	2.6E-05	3.7E-03	8.5E-01	6.0E-06	-2.2E-03	9.1E-01	2.3E-06
13.01	rs4942486	<i>BRCA2</i>	13	31851388	-2.0E-03	9.0E-01	2.1E-06	-4.7E-03	7.8E-01	1.1E-05	8.2E-03	6.2E-01	3.4E-05	2.1E-02	2.3E-01	2.4E-04	-1.2E-02	5.0E-01	7.8E-05
14.01	rs2332328	<i>NYNRIN</i>	14	23952898	2.4E-02	1.5E-01	2.9E-04	2.3E-04	9.9E-01	2.7E-08	5.7E-03	7.4E-01	1.6E-05	2.4E-02	1.7E-01	3.1E-04	3.0E-02	8.8E-02	4.9E-04
14.02	rs4983559	<i>ZBTB42-AKT1</i>	14	104348254	1.0E-02	5.5E-01	5.2E-05	-1.9E-02	2.6E-01	1.8E-04	-1.7E-02	3.2E-01	1.4E-04	-2.9E-02	1.2E-01	4.1E-04	1.8E-02	3.3E-01	1.6E-04
15.01	rs8035382	<i>FRMD5</i>	15	42031815	2.7E-02	4.9E-01	6.7E-05	2.5E-02	5.3E-01	5.5E-05	-7.2E-04	9.9E-01	4.6E-08	-5.0E-02	2.3E-01	2.4E-04	1.5E-02	7.1E-01	2.3E-05
15.02	rs1532085	<i>LIPC</i>	15	56470658	2.3E-02	1.8E-01	2.6E-04	2.2E-02	2.0E-01	2.4E-04	3.0E-02	8.8E-02	4.2E-04	3.2E-02	8.4E-02	5.0E-04	8.3E-02	4.2E-06*	3.6E-03
15.03	rs2652834	<i>LACTB</i>	15	61183920	-1.5E-02	4.6E-01	7.7E-05	9.0E-03	6.6E-01	2.7E-05	1.3E-02	5.2E-01	5.8E-05	1.2E-02	5.8E-01	5.0E-05	-1.5E-02	4.8E-01	8.5E-05
16.01	rs3198697	<i>PDXDC1</i>	16	15037441	-2.3E-02	1.7E-01	2.7E-04	-4.1E-02	1.5E-02	8.4E-04	-2.1E-02	2.3E-01	2.1E-04	-9.7E-04	9.6E-01	4.8E-07	-2.6E-03	8.8E-01	3.8E-06
16.02	rs11649653	<i>CTF1</i>	16	30825988	2.4E-02	1.6E-01	2.9E-04	2.0E-02	2.4E-01	1.9E-04	5.2E-02	2.6E-03	1.3E-03	2.1E-02	2.5E-01	2.2E-04	-6.9E-03	7.0E-01	2.5E-05
16.03	rs1121980	<i>FTO</i>	16	52366748	-1.5E-03	9.3E-01	1.2E-06	-1.8E-03	9.1E-01	1.7E-06	5.0E-03	7.7E-01	1.3E-05	1.8E-02	3.0E-01	1.8E-04	-3.1E-02	7.6E-02	5.3E-04
16.04	rs3764261	<i>CETP</i>	16	55550825	-1.3E-02	4.6E-01	7.8E-05	-6.4E-02	2.3E-04+	1.9E-03	-5.9E-02	8.1E-04	1.6E-03	-1.1E-01	1.2E-08*	5.4E-03	1.8E-01	1.3E-22*	1.6E-02
16.05	rs16942887	<i>LCAT</i>	16	66485543	2.6E-02	3.0E-01	1.6E-04	2.4E-02	3.4E-01	1.3E-04	-1.9E-02	4.4E-01	8.3E-05	-5.1E-02	6.2E-02	5.8E-04	5.4E-02	4.0E-02	7.1E-04
16.06	rs2000999	<i>HPR</i>	16	70665594	3.5E-02	1.1E-01	3.6E-04	2.7E-02	2.2E-01	2.1E-04	3.6E-02	1.0E-01	3.8E-04	2.8E-02	2.4E-01	2.4E-04	-5.3E-02	2.1E-02	8.9E-04
16.07	rs2925979	<i>CMIP</i>	16	80092291	-9.7E-03	6.0E-01	4.0E-05	1.9E-02	3.0E-01	1.5E-04	4.0E-02	3.1E-02	6.6E-04	2.7E-02	1.7E-01	3.1E-04	-4.0E-02	3.8E-02	7.2E-04
17.01	rs314253	<i>DLG4</i>	17	7032374	-6.7E-03	7.0E-01	2.1E-05	5.4E-03	7.6E-01	1.4E-05	1.9E-02	2.8E-01	1.7E-04	2.2E-03	9.0E-01	2.4E-06	1.1E-02	5.5E-01	6.0E-05
17.02	rs881844	<i>STARD3</i>	17	35063744	7.4E-03	6.8E-01	2.5E-05	1.6E-02	3.7E-01	1.2E-04	2.8E-02	1.1E-01	3.7E-04	2.9E-02	1.3E-01	3.8E-04	-2.5E-02	1.8E-01	3.1E-04
17.03	rs8077889	<i>MPP3</i>	17	39233692	-3.9E-02	5.5E-02	5.2E-04	-2.1E-02	3.0E-01	1.5E-04	-2.2E-02	2.7E-01	1.7E-04	-3.1E-02	1.6E-01	3.3E-04	2.2E-02	3.0E-01	1.8E-04
17.04	rs7225700	<i>OSBPL7</i>	17	42746803	-2.8E-02	1.2E-01	3.5E-04	-2.5E-02	1.5E-01	2.9E-04	-3.1E-02	8.0E-02	4.4E-04	-3.2E-02	9.2E-02	4.8E-04	-5.5E-03	7.6E-01	1.5E-05
17.05	rs1801689	<i>APOH-PRXCA</i>	17	61641042	-1.2E-02	8.2E-01	7.3E-06	-9.4E-02	6.5E-02	4.8E-04	-4.2E-02	4.2E-01	9.3E-05	2.0E-02	7.3E-01	2.0E-05	4.2E-02	4.4E-01	9.8E-05
17.06	rs4148008	<i>ABCA8</i>	17	64386889	2.6E-03	8.9E-01	2.9E-06	1.9E-02	2.8E-01	1.6E-04	2.9E-02	1.1E-01	3.7E-04	3.0E-03	8.8E-01	3.8E-06	-2.2E-02	2.6E-01	2.2E-04
17.07	rs4082919	<i>PGS1</i>	17	73889077	-5.1E-03	7.6E-01	1.3E-05	-1.4E-02	4.0E-01	9.9E-05	3.4E-03	8.4E-01	5.9E-06	-1.1E-02	5.4E-05	1.1E-03	6.4E-05	1.1E-03	6.7E-07
18.01	rs7241918	<i>LIPG</i>	18	45414951	-5.6E-02	1.0E-02	9.4E-04	-2.1E-02	3.3E-01	1.4E-04	1.3E-02	5.7E-01	4.7E-05	6.2E-04	9.8E-01	1.2E-07	-3.5E-02	1.3E-01	3.9E-04
18.02	rs12967135	<i>MC4R</i>	18	56000003	1.0E-02	6.1E-01	3.8E-05	-2.1E-03	9.2E-01	1.6E-06	-2.1E-02	3.0E-01	1.6E-04	-2.9E-02	1.8E-01	3.0E-04	3.4E-02	1.1E-01	4.4E-04
19.01	rs7248104	<i>INSR</i>	19	7175431	-1.2E-02	5.0E-01	6.6E-05	-4.4E-03	8.0E-01	9.3E-06	4.8E-04	9.8E-01	1.1E-07	-2.1E-02	2.5E-01	2.2E-04	1.6E-02	3.8E-01	1.3E-04
19.02	rs7255436	<i>ANGPTL4</i>	19	8339196	1.9E-02	2.5E-01	1.9E-04	2.4E-02	1.5E-01	2.9E-04	3.6E-02	3.2E-02	6.5E-04	6.7E-02	1.8E-04+	2.4E-03	-3.7E-02	3.5E-02	7.5E-04
19.03	rs11672123	<i>LDLR - delta</i>	19	11055823	-4.4E-02	2.7E-01	1.7E-04	-2.9E-02	4.7E-01	7.4E-05	9.5E-03	8.1E-01	7.9E-06	2.3E-02	6.1E-01	4.4E-05	5.8E-02	1.7E-01	3.1E-04
19.04	rs6511720	<i>LDLR</i>	19	11063306	-1.1E-01	3.0E-06*	3.1E-03	-7.7E-02	8.4E-04	1.6E-03	-9.7E-02	3.5E-05*	2.4E-03	-8.2E-02	9.0E-04	1.9E-03	-1.5E-02	5.3E-01	6.7E-05

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C baseline		non-HDL-C baseline			Apo B baseline			LDL-P baseline			LDL-size baseline			
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
19.05	rs737337	<i>LOC55908</i>	19	11208493	-5.8E-03	8.5E-01	4.9E-06	3.3E-02	2.9E-01	1.6E-04	7.0E-02	2.5E-02	7.2E-04	7.1E-02	3.6E-02	7.4E-04	-4.7E-02	1.5E-01	3.5E-04
19.06	rs10401969	<i>CILP2</i>	19	19268718	-6.3E-02	3.4E-02	6.4E-04	-1.7E-01	4.8E-09*	4.9E-03	-1.2E-01	3.6E-05*	2.4E-03	-9.7E-02	2.2E-03	1.6E-03	4.3E-03	8.9E-01	3.3E-06
19.07	rs731839	<i>PEPD</i>	19	38590905	-2.3E-02	1.9E-01	2.5E-04	-1.3E-02	4.7E-01	7.3E-05	3.6E-03	8.4E-01	6.0E-06	3.5E-03	8.5E-01	5.7E-06	-3.0E-02	1.0E-01	4.5E-04
19.08	rs7412	<i>APOE - delta</i>	19	50103919	-3.6E-01	6.7E-47*	2.9E-02	-1.9E-01	1.2E-14*	8.4E-03	-5.2E-01	2.4E-96*	6.0E-02	-5.7E-01	2.1E-102*	7.5E-02	-1.2E-01	2.4E-06*	3.7E-03
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	8.3E-02	1.2E-03	1.5E-03	9.9E-02	9.5E-05+	2.2E-03	2.2E-01	4.4E-18*	1.1E-02	2.0E-01	9.1E-13*	8.5E-03	-6.5E-02	1.6E-02	9.8E-04
19.10	rs492602	<i>FLJ36070</i>	19	53898229	3.7E-02	2.7E-02	6.9E-04	2.9E-02	7.8E-02	4.4E-04	3.3E-03	8.5E-01	5.4E-06	-1.5E-02	4.1E-01	1.1E-04	-1.9E-02	2.9E-01	1.9E-04
19.11	rs17695224	<i>HAS1</i>	19	57016028	-2.1E-02	2.6E-01	1.8E-04	-1.3E-02	4.9E-01	6.6E-05	1.7E-02	3.6E-01	1.2E-04	1.4E-02	4.8E-01	8.3E-05	1.8E-02	3.5E-01	1.5E-04
19.12	rs386000	<i>LILRA3</i>	19	59484573	-1.6E-02	4.1E-01	9.5E-05	-3.1E-02	1.2E-01	3.4E-04	-5.0E-02	1.4E-02	8.7E-04	-7.6E-02	4.8E-04	2.0E-03	6.2E-02	3.7E-03	1.4E-03
20.01	rs364585	<i>SPTLC3</i>	20	12910718	2.7E-04	9.9E-01	3.6E-08	1.5E-02	3.8E-01	1.1E-04	1.7E-02	3.2E-01	1.4E-04	4.2E-02	2.1E-02	8.9E-04	-1.5E-02	4.1E-01	1.1E-04
20.02	rs2328223	<i>SNX5</i>	20	17793921	8.4E-03	7.0E-01	2.2E-05	-1.7E-02	4.2E-01	9.2E-05	-4.5E-03	8.4E-01	6.2E-06	-4.5E-02	5.3E-02	6.3E-04	1.7E-02	4.7E-01	9.0E-05
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	-1.3E-02	5.9E-01	4.1E-05	-1.7E-02	4.7E-01	7.6E-05	-1.6E-02	5.0E-01	6.5E-05	2.6E-03	9.2E-01	1.7E-06	-3.8E-02	1.2E-01	4.0E-04
20.04	rs2902940	<i>MAFB</i>	20	38524901	-1.9E-02	3.0E-01	1.5E-04	-1.8E-02	3.4E-01	1.3E-04	-2.2E-02	2.4E-01	2.0E-04	-3.3E-02	9.8E-02	4.6E-04	2.3E-02	2.3E-01	2.4E-04
20.05	rs909802	<i>TOP1</i>	20	39370229	5.7E-03	7.3E-01	1.6E-05	-9.0E-03	6.0E-01	4.0E-05	-4.6E-03	7.9E-01	1.1E-05	1.3E-02	4.7E-01	8.6E-05	-7.6E-03	6.7E-01	3.1E-05
20.06	rs1800961	<i>HNF4A</i>	20	42475778	-9.1E-02	7.1E-02	4.6E-04	2.6E-02	6.1E-01	3.8E-05	3.3E-02	5.2E-01	5.9E-05	2.8E-02	6.1E-01	4.3E-05	2.8E-02	6.0E-01	4.6E-05
20.07	rs6065906	<i>PLTP</i>	20	43987422	1.4E-02	5.2E-01	5.8E-05	4.6E-02	3.5E-02	6.3E-04	3.4E-02	1.2E-01	3.4E-04	4.4E-02	6.0E-02	6.0E-04	-6.3E-02	5.5E-03	1.3E-03
22.01	rs181362	<i>UBE2L3</i>	22	20262068	1.2E-03	9.5E-01	4.9E-07	-2.1E-03	9.2E-01	1.5E-06	1.4E-02	5.2E-01	5.9E-05	3.2E-02	1.6E-01	3.3E-04	-1.1E-02	6.0E-01	4.5E-05
22.02	rs5763662	<i>MTMR3</i>	22	28708703	9.6E-02	7.3E-02	4.6E-04	1.0E-01	5.2E-02	5.4E-04	1.3E-01	2.0E-02	7.7E-04	5.7E-02	3.3E-01	1.6E-04	-1.1E-01	6.6E-02	5.7E-04
22.03	rs138777	<i>TOM1</i>	22	34041098	1.4E-02	4.2E-01	9.2E-05	2.2E-02	2.0E-01	2.3E-04	3.3E-02	6.0E-02	5.0E-04	1.1E-02	5.5E-01	5.9E-05	1.6E-02	3.8E-01	1.3E-04
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	5.5E-03	7.5E-01	1.4E-05	-1.3E-02	4.4E-01	8.6E-05	-1.1E-02	5.2E-01	6.0E-05	-7.2E-03	7.0E-01	2.5E-05	2.6E-02	1.5E-01	3.5E-04
22.05	rs4253772	<i>PPARA</i>	22	45006267	-2.2E-02	4.2E-01	9.3E-05	-2.2E-02	4.1E-01	9.8E-05	-3.1E-03	9.1E-01	1.8E-06	-1.9E-03	9.5E-01	7.3E-07	2.1E-02	4.6E-01	9.3E-05

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

R²: variance explained by SNP

*: indicates locus meeting both Bonferroni (p<6.25e-5) and false discovery rate (FDR<0.05) thresholds for association with baseline lipid levels

+: indicates locus meeting false discovery rate (FDR<0.05) thresholds for association with baseline lipid levels

Supplemental Table 6a: Association results for index variants in each candidate region tested and association with absolute change in LDL-C, non-HDL-C, apo B, LDL-P and LDL-size among the rosuvastatin allocated arm only.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
1.01	rs1077514	<i>ASAP3</i>	1	23638820	-4.1E-02	2.3E-01	4.2E-04	-4.2E-02	2.2E-01	4.2E-04	-5.4E-02	1.2E-01	6.9E-04	-3.1E-02	4.3E-01	2.3E-04	-5.3E-03	8.9E-01	6.9E-06
1.02	rs12027135	<i>LDLRAP1</i>	1	25648320	2.2E-02	3.5E-01	2.5E-04	2.4E-02	3.1E-01	2.9E-04	-1.1E-02	6.3E-01	6.6E-05	-3.8E-02	1.7E-01	7.1E-04	-2.7E-02	3.2E-01	3.8E-04
1.03	rs12748152	<i>PIGV-NROB2</i>	1	27010980	5.7E-02	2.1E-01	4.5E-04	4.3E-02	3.4E-01	2.6E-04	7.5E-03	8.7E-01	7.5E-06	-8.1E-03	8.8E-01	8.7E-06	-4.1E-02	4.4E-01	2.3E-04
1.04	rs4660293	<i>PABPC4</i>	1	39800767	-1.1E-02	7.0E-01	4.3E-05	-2.4E-02	3.8E-01	2.2E-04	-2.7E-02	3.4E-01	2.6E-04	-9.8E-03	7.6E-01	3.6E-05	-6.3E-02	4.9E-02	1.5E-03
1.05	rs2479409	<i>PCSK9</i>	1	55277238	8.8E-04	9.7E-01	3.6E-07	-2.2E-03	9.3E-01	2.3E-06	1.3E-03	9.6E-01	7.3E-07	4.1E-03	8.9E-01	7.4E-06	1.3E-02	6.5E-01	7.9E-05
1.06	rs17111584	<i>PCSK9 - delta</i>	1	55319284	2.1E-01	1.1E-04	4.3E-03	1.8E-01	1.2E-03	3.0E-03	1.3E-01	1.6E-02	1.7E-03	3.1E-02	6.2E-01	9.1E-05	1.4E-02	8.3E-01	1.8E-05
1.07	rs2131925	<i>ANGPTL3</i>	1	62798530	2.4E-02	3.1E-01	3.0E-04	3.8E-02	1.2E-01	7.0E-04	5.3E-02	3.1E-02	1.3E-03	4.4E-02	1.1E-01	9.3E-04	-4.3E-02	1.2E-01	9.1E-04
1.08	rs7515577	<i>EVIS</i>	1	92782026	-8.1E-03	7.7E-01	2.4E-05	-2.9E-02	3.0E-01	3.0E-04	-4.5E-02	1.2E-01	6.9E-04	-8.5E-02	9.1E-03	2.5E-03	3.6E-03	9.1E-01	4.5E-06
1.09	rs629301	<i>SORT1</i>	1	109619829	-4.7E-02	7.8E-02	8.9E-04	-7.6E-02	4.1E-03	2.3E-03	-3.5E-02	1.9E-01	4.8E-04	-2.1E-02	4.9E-01	1.8E-04	1.8E-02	5.7E-01	1.2E-04
1.10	rs267733	<i>ANXA9-CERS2</i>	1	149225460	1.1E-02	7.2E-01	3.7E-05	1.7E-02	5.8E-01	8.8E-05	7.9E-03	8.0E-01	1.8E-05	-8.9E-03	8.0E-01	2.3E-05	-1.4E-02	7.0E-01	5.7E-05
1.11	rs12145743	<i>HDBG-PMVK</i>	1	154967275	-6.1E-03	8.0E-01	1.8E-05	-5.3E-03	8.3E-01	1.3E-05	-1.3E-03	9.6E-01	7.5E-07	3.0E-02	2.9E-01	4.2E-04	-1.5E-02	5.9E-01	1.1E-04
1.12	rs4650994	<i>ANGPTL1</i>	1	176781935	-2.8E-03	9.0E-01	4.1E-06	-1.2E-02	6.1E-01	7.5E-05	-1.9E-02	4.3E-01	1.8E-04	-1.0E-02	7.0E-01	5.5E-05	3.0E-02	2.7E-01	4.6E-04
1.13	rs1689800	<i>ZNF648</i>	1	180435508	-1.9E-03	9.4E-01	1.7E-06	-2.7E-03	9.1E-01	3.6E-06	1.3E-02	5.8E-01	8.7E-05	-4.0E-03	8.9E-01	7.6E-06	-2.1E-02	4.6E-01	2.1E-04
1.14	rs2807834	<i>MOSC1</i>	1	219037216	-6.1E-03	8.1E-01	1.7E-05	-2.9E-02	2.4E-01	3.9E-04	-5.3E-02	3.6E-02	1.3E-03	-1.4E-02	6.3E-01	8.7E-05	2.0E-02	4.9E-01	1.9E-04
1.15	rs4846914	<i>GALNT2</i>	1	228362314	5.7E-03	8.1E-01	1.6E-05	-1.4E-02	5.5E-01	1.0E-04	2.6E-03	9.1E-01	3.4E-06	-6.3E-03	8.2E-01	1.9E-05	6.1E-02	2.8E-02	1.8E-03
1.16	rs514230	<i>IRF2BP2</i>	1	232925220	1.0E-02	6.6E-01	5.7E-05	2.1E-02	3.7E-01	2.3E-04	2.6E-02	2.8E-01	3.4E-04	3.0E-02	2.6E-01	4.7E-04	-5.4E-02	4.6E-02	1.5E-03
2.01	rs1367117	<i>APOB</i>	2	21117405	-1.5E-02	5.5E-01	1.0E-04	-1.3E-02	6.3E-01	6.7E-05	-1.2E-02	6.6E-01	5.7E-05	2.0E-02	5.1E-01	1.6E-04	1.4E-02	6.5E-01	7.9E-05
2.02	rs1260326	<i>GCKR</i>	2	27584444	2.5E-03	9.1E-01	3.3E-06	-4.1E-02	8.6E-02	8.4E-04	-3.8E-02	1.1E-01	7.3E-04	-6.9E-02	1.2E-02	2.4E-03	3.1E-02	2.6E-01	4.9E-04
2.03	rs4299376	<i>ABCG5-8</i>	2	43926080	1.9E-02	4.5E-01	1.6E-04	2.0E-02	4.3E-01	1.8E-04	-8.7E-03	7.4E-01	3.3E-05	1.8E-02	5.4E-01	1.4E-04	1.2E-02	6.7E-01	6.9E-05
2.04	rs2710642	<i>EHBP1</i>	2	63003061	-3.7E-02	1.3E-01	6.6E-04	-4.2E-02	9.0E-02	8.2E-04	-3.9E-02	1.2E-01	6.8E-04	-2.7E-02	3.5E-01	3.2E-04	-1.5E-02	6.0E-01	1.1E-04
2.05	rs10490626	<i>INSIG2</i>	2	118552311	4.4E-03	9.1E-01	3.4E-06	-1.0E-02	8.0E-01	1.8E-05	3.5E-04	9.9E-01	2.0E-08	-2.8E-02	5.6E-01	1.2E-04	5.3E-02	2.7E-01	4.7E-04
2.06	rs2030746	<i>LOC84931</i>	2	121025958	-7.6E-03	7.5E-01	2.8E-05	-3.5E-02	1.5E-01	5.9E-04	-4.5E-03	8.6E-01	9.5E-06	3.9E-03	8.9E-01	7.5E-06	-3.9E-03	8.9E-01	7.3E-06
2.07	rs6759321	<i>RABGAP1</i>	2	136039146	-2.0E-02	4.3E-01	1.8E-04	-3.0E-02	2.4E-01	3.9E-04	-2.4E-02	3.6E-01	2.4E-04	-5.9E-02	4.7E-02	1.5E-03	1.9E-02	5.3E-01	1.5E-04
2.08	rs10195252	<i>COBLL1</i>	2	165221337	-3.5E-03	8.8E-01	6.1E-06	3.1E-03	9.0E-01	4.7E-06	-4.4E-02	7.4E-02	9.2E-04	-3.2E-02	2.5E-01	4.8E-04	1.2E-02	6.7E-01	7.0E-05
2.09	rs2287623	<i>ABCB11</i>	2	169538401	-8.5E-03	7.2E-01	3.6E-05	-1.9E-02	4.3E-01	1.8E-04	-5.7E-03	8.1E-01	1.6E-05	2.7E-02	3.2E-01	3.6E-04	-4.1E-03	8.8E-01	8.2E-06
2.10	rs11694172	<i>FAM117B</i>	2	203240549	2.2E-02	4.1E-01	1.9E-04	1.2E-02	6.6E-01	5.6E-05	2.9E-02	3.0E-01	3.1E-04	-2.7E-04	9.9E-01	2.8E-08	-8.1E-02	1.1E-02	2.5E-03
2.11	rs1250229	<i>FNI</i>	2	216012629	-7.6E-03	7.8E-01	2.3E-05	4.1E-03	8.8E-01	6.6E-06	-2.1E-02	4.4E-01	1.7E-04	5.2E-03	8.7E-01	1.1E-05	-1.2E-02	6.9E-01	6.0E-05
2.12	rs2943645	<i>IRS1</i>	2	226807424	-4.0E-02	9.4E-02	8.0E-04	-1.3E-02	5.9E-01	8.4E-05	-2.9E-02	2.2E-01	4.3E-04	-4.5E-02	1.1E-01	9.7E-04	4.8E-02	8.4E-02	1.1E-03
2.13	rs11563251	<i>UGT1A1</i>	2	234344123	-2.3E-03	9.5E-01	1.2E-06	9.3E-03	8.0E-01	1.8E-05	6.0E-02	1.1E-01	7.4E-04	7.4E-02	7.4E-02	1.2E-03	3.7E-02	3.8E-01	3.0E-04
3.01	rs2606736	<i>ATG7</i>	3	11375249	-1.1E-02	6.4E-01	6.1E-05	1.3E-03	9.6E-01	8.0E-07	-8.9E-03	7.2E-01	3.7E-05	-1.3E-02	6.5E-01	7.4E-05	-3.6E-02	2.1E-01	5.9E-04
3.02	rs2290159	<i>RAF1</i>	3	12603920	-5.0E-02	7.2E-02	9.2E-04	-2.7E-02	3.3E-01	2.7E-04	-3.0E-04	9.9E-01	3.2E-08	-4.1E-02	2.1E-01	5.8E-04	-7.7E-03	8.1E-01	2.1E-05
3.03	rs7640978	<i>CMTM6</i>	3	32508014	-3.1E-02	4.1E-01	1.9E-04	-6.7E-02	7.5E-02	9.0E-04	-4.6E-02	2.3E-01	4.1E-04	5.0E-03	9.1E-01	4.7E-06	1.4E-02	7.5E-01	3.9E-05
3.04	rs2290547	<i>SETD2</i>	3	47036187	8.5E-03	7.8E-01	2.3E-05	5.7E-03	8.5E-01	1.0E-05	-2.4E-02	4.4E-01	1.7E-04	-2.2E-02	5.2E-01	1.5E-04	-1.3E-02	7.2E-01	5.0E-05
3.05	rs2013208	<i>RBM5</i>	3	50104403	-2.5E-02	2.9E-01	3.2E-04	-1.2E-02	6.2E-01	7.0E-05	2.5E-02	3.0E-01	3.1E-04	1.0E-02	7.0E-01	5.5E-05	-1.4E-02	5.9E-01	1.1E-04
3.06	rs13326165	<i>STAB1</i>	3	52507158	-4.4E-03	8.8E-01	6.8E-06	4.4E-02	1.2E-01	6.7E-04	5.6E-02	5.2E-02	1.1E-03	3.9E-02	2.4E-01	5.1E-04	-5.1E-02	1.2E-01	9.0E-04
3.07	rs13315871	<i>PXK</i>	3	58356327	-8.3E-02	4.4E-02	1.2E-03	-8.7E-02	3.3E-02	1.3E-03	-7.2E-02	8.5E-02	8.5E-04	-2.7E-02	5.7E-01	1.2E-04	1.7E-02	7.2E-01	4.9E-05
3.08	rs6805251	<i>GSK3B</i>	3	121043296	-5.1E-02	3.2E-02	1.3E-03	-7.7E-02	1.3E-03	2.9E-03	-7.1E-02	3.6E-03	2.4E-03	-5.9E-02	3.3E-02	1.7E-03	4.7E-02	8.7E-02	1.1E-03
3.09	rs17404153	<i>ACAD11</i>	3	133645890	5.3E-02	1.3E-01	6.7E-04	3.0E-02	3.9E-01	2.1E-04	1.2E-02	7.4E-01	3.1E-05	6.1E-02	1.3E-01	8.4E-04	6.2E-02	1.3E-01	8.7E-04
3.10	rs645040	<i>MSL2L1</i>	3	137409312	6.6E-02	1.6E-02	1.7E-03	4.9E-02	7.6E-02	9.0E-04	2.8E-02	3.3E-01	2.8E-04	-2.6E-02	4.1E-01	2.5E-04	4.7E-02	1.5E-01	8.1E-04
4.01	rs6831256	<i>LRPAP1</i>	4	3442937	-3.0E-02	2.1E-01	4.5E-04	-3.6E-02	1.3E-01	6.6E-04	-5.2E-03	8.3E-01	1.3E-05	2.7E-03	9.2E-01	3.6E-06	3.6E-02	1.9E-01	6.5E-04
4.02	rs10019888	<i>C4orf52</i>	4	25672088	1.7E-03	9.6E-01	8.0E-07	5.4E-03	8.6E-01	8.5E-06	-5.5E-03	8.6E-01	8.7E-06	3.7E-02	3.2E-01	3.7E-04	2.6E-02	4.8E-01	1.9E-04
4.03	rs442177	<i>KLHL8</i>	4	88249285	-2.4E-02	3.1E-01	3.0E-04	-1.6E-02	4.9E-01	1.3E-04	-1.4E-02	5.6E-01	9.6E-05	-7.1E-03	8.0E-01	2.4E-05	-3.9E-03	8.9E-01	7.2E-06
4.04	rs2199936	<i>ABCG2 - delta</i>	4	89264355	-2.7E-01	8.8E-13	1.4E-02	-2.9E-01	1.6E-14	1.7E-02	-2.5E-01	3.6E-11	1.2E-02	-1.7E-01	7.4E-05	5.8E-03	-8.2E-02	5.9E-02	1.4E-03
4.05	rs3822072	<i>FAM13A1</i>	4	89960292	3.3E-02	1.5E-01	6.0E-04	1.1E-02	6.3E-01	6.5E-05	-1.6E-02	4.9E-01	1.3E-04	-2.4E-02	3.7E-01	3.0E-04	4.5E-02	9.0E-02	1.1E-03

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
4.06	rs2602836	<i>ADH5</i>	4	100233828	2.0E-02	3.9E-01	2.1E-04	5.0E-02	3.3E-02	1.3E-03	4.4E-02	6.4E-02	9.9E-04	6.1E-02	2.4E-02	1.9E-03	-1.9E-02	4.8E-01	1.9E-04
4.07	rs13107325	<i>SLC39A8</i>	4	103407732	-3.3E-02	4.2E-01	1.9E-04	-4.4E-02	2.8E-01	3.3E-04	1.0E-02	8.1E-01	1.7E-05	3.0E-02	5.3E-01	1.5E-04	-6.2E-02	2.0E-01	6.3E-04
5.01	rs6450176	<i>ARL15</i>	5	53333782	7.4E-03	8.0E-01	1.8E-05	2.8E-04	9.9E-01	2.6E-08	9.1E-03	7.6E-01	2.6E-05	2.1E-02	5.5E-01	1.4E-04	3.7E-02	3.0E-01	4.1E-04
5.02	rs9686661	<i>MAP3K1</i>	5	55897543	-1.1E-02	7.2E-01	3.7E-05	-2.5E-02	4.0E-01	2.0E-04	-1.7E-02	5.8E-01	8.9E-05	-1.4E-02	6.8E-01	6.3E-05	7.2E-02	4.1E-02	1.6E-03
5.03	rs12916	<i>HMGCGR</i>	5	74692295	1.3E-02	5.9E-01	8.3E-05	2.3E-02	3.4E-01	2.6E-04	-1.2E-02	6.2E-01	6.9E-05	-9.6E-03	7.3E-01	4.5E-05	1.3E-03	9.6E-01	8.2E-07
5.04	rs4530754	<i>CSNK1G3</i>	5	122883315	-9.2E-03	6.9E-01	4.5E-05	-1.4E-02	5.5E-01	1.0E-04	-8.5E-03	7.2E-01	3.7E-05	2.0E-02	4.6E-01	2.1E-04	-4.7E-02	8.2E-02	1.2E-03
5.05	rs6882076	<i>TIMD4</i>	5	156322875	-1.1E-02	6.3E-01	6.6E-05	-1.1E-02	6.5E-01	6.0E-05	2.9E-02	2.2E-01	4.3E-04	7.2E-03	7.9E-01	2.5E-05	-1.7E-02	5.4E-01	1.4E-04
6.01	rs3757354	<i>MYLIP</i>	6	16235386	7.9E-02	4.1E-03	2.4E-03	5.9E-02	3.3E-02	1.3E-03	4.1E-02	1.5E-01	6.1E-04	5.2E-02	1.0E-01	9.8E-04	2.6E-02	4.2E-01	2.5E-04
6.02	rs1800562	<i>HFE</i>	6	26201120	3.0E-02	5.0E-01	1.3E-04	-5.3E-03	9.0E-01	4.1E-06	-3.1E-02	4.9E-01	1.4E-04	-2.1E-02	6.7E-01	6.7E-05	-7.4E-03	8.8E-01	8.3E-06
6.03	rs3177928	<i>HLA</i>	6	32520413	-2.3E-02	4.9E-01	1.4E-04	-4.0E-02	2.3E-01	4.1E-04	-1.7E-03	9.6E-01	7.2E-07	8.6E-03	8.2E-01	1.9E-05	5.5E-02	1.5E-01	7.9E-04
6.04	rs2814982	<i>C6orf106</i>	6	34654538	2.4E-02	5.3E-01	1.1E-04	3.1E-02	4.1E-01	1.9E-04	-1.3E-02	7.4E-01	3.0E-05	2.7E-02	5.5E-01	1.3E-04	3.5E-02	4.4E-01	2.3E-04
6.05	rs2758886	<i>KCNK17</i>	6	39358815	1.6E-02	5.3E-01	1.1E-04	2.2E-02	3.9E-01	2.1E-04	1.2E-02	6.6E-01	5.6E-05	2.3E-02	4.5E-01	2.1E-04	-2.3E-02	4.4E-01	2.3E-04
6.06	rs998584	<i>VEGFA</i>	6	43865874	1.8E-02	4.3E-01	1.8E-04	1.9E-02	4.2E-01	1.8E-04	2.8E-02	2.4E-01	4.0E-04	-8.1E-03	7.6E-01	3.4E-05	9.2E-02	6.9E-04	4.4E-03
6.07	rs9488822	<i>FRK</i>	6	116419586	-2.1E-02	3.8E-01	2.2E-04	-2.9E-02	2.2E-01	4.3E-04	-4.7E-03	8.5E-01	1.1E-05	-1.7E-02	5.4E-01	1.4E-04	1.1E-03	9.7E-01	6.3E-07
6.08	rs1936800	<i>RSPO3</i>	6	127477757	2.5E-02	2.9E-01	3.3E-04	1.9E-02	4.2E-01	1.9E-04	-8.1E-03	7.4E-01	3.3E-05	-3.1E-02	2.5E-01	4.8E-04	-2.7E-02	3.2E-01	3.8E-04
6.09	rs9376090	<i>HBS1L</i>	6	135452921	-4.4E-02	1.0E-01	7.7E-04	-3.1E-02	2.5E-01	3.8E-04	-3.9E-02	1.5E-01	5.8E-04	-3.9E-02	2.1E-01	5.9E-04	1.1E-02	7.2E-01	4.9E-05
6.10	rs605066	<i>CITED2</i>	6	139871359	-4.9E-02	3.8E-02	1.2E-03	-6.6E-02	5.3E-03	2.2E-03	-5.1E-02	3.4E-02	1.3E-03	-3.0E-02	2.8E-01	4.4E-04	-7.7E-03	7.8E-01	3.1E-05
6.11	rs1564348	<i>LPA</i>	6	160498850	4.3E-02	1.9E-01	4.8E-04	4.3E-02	1.9E-01	4.9E-04	-2.2E-03	9.5E-01	1.3E-06	4.5E-02	2.4E-01	5.2E-04	-4.4E-02	2.4E-01	5.2E-04
6.12	rs10455872	<i>LPA - delta</i>	6	160930108	3.2E-01	1.2E-10	1.2E-02	3.1E-01	4.0E-10	1.1E-02	3.1E-01	1.7E-09	1.0E-02	2.3E-01	5.0E-05	6.1E-03	5.2E-02	3.7E-01	3.1E-04
7.01	rs1997243	<i>GPR146</i>	7	1050303	4.7E-03	8.8E-01	6.6E-06	-3.0E-02	3.5E-01	2.5E-04	-1.6E-02	6.2E-01	7.2E-05	-4.0E-02	2.7E-01	4.6E-04	-2.6E-02	4.8E-01	1.9E-04
7.02	rs702485	<i>DAGLB</i>	7	6415797	-9.7E-04	9.7E-01	5.1E-07	1.3E-02	5.8E-01	8.6E-05	1.6E-02	4.9E-01	1.4E-04	6.2E-03	8.2E-01	2.0E-05	2.6E-02	3.4E-01	3.4E-04
7.03	rs4142995	<i>SNX13</i>	7	17885783	-1.9E-02	4.2E-01	1.8E-04	-1.3E-02	5.7E-01	9.0E-05	-7.5E-03	7.5E-01	2.8E-05	-1.0E-02	7.1E-01	5.1E-05	-3.6E-02	2.0E-01	6.3E-04
7.04	rs2285942	<i>DNAH11</i>	7	21549442	-5.1E-02	1.3E-01	6.5E-04	-5.0E-02	1.4E-01	6.1E-04	-4.4E-02	2.0E-01	4.6E-04	-2.2E-02	5.7E-01	1.2E-04	-8.2E-04	9.8E-01	1.6E-07
7.05	rs4722551	<i>MIR148A</i>	7	25958351	-1.0E-02	7.5E-01	2.9E-05	-7.2E-03	8.2E-01	1.5E-05	-3.0E-03	9.2E-01	2.5E-06	1.2E-02	7.5E-01	3.9E-05	1.9E-02	6.1E-01	1.0E-04
7.06	rs2072183	<i>NPC1L1</i>	7	44545705	-5.0E-05	0.99	8.3E-10	3.3E-02	2.6E-01	3.6E-04	3.3E-02	2.6E-01	3.6E-04	2.2E-02	5.2E-01	1.6E-04	-1.8E-02	6.0E-01	1.0E-04
7.07	rs4917014	<i>IKZF1</i>	7	50276409	-8.7E-03	7.3E-01	3.5E-05	-7.8E-03	7.6E-01	2.8E-05	-1.3E-02	6.0E-01	7.8E-05	2.5E-02	3.9E-01	2.7E-04	-3.8E-02	1.9E-01	6.6E-04
7.08	rs7811265	<i>MLXIPL</i>	7	72572446	2.6E-02	3.8E-01	2.2E-04	2.5E-02	3.9E-01	2.1E-04	1.5E-02	6.2E-01	7.0E-05	2.6E-02	4.3E-01	2.3E-04	-2.3E-02	4.9E-01	1.8E-04
7.09	rs38855	<i>MET</i>	7	116145280	1.8E-02	4.4E-01	1.7E-04	2.7E-02	2.5E-01	3.7E-04	1.2E-02	6.2E-01	7.0E-05	-2.0E-02	4.6E-01	2.0E-04	3.4E-02	2.1E-01	6.1E-04
7.10	rs4731702	<i>KLF14</i>	7	130083924	2.5E-02	2.7E-01	3.4E-04	1.6E-02	4.8E-01	1.4E-04	2.1E-02	3.8E-01	2.2E-04	1.5E-02	5.9E-01	1.1E-04	1.8E-02	5.0E-01	1.8E-04
7.11	rs17173637	<i>TMEM176A</i>	7	150160382	-1.3E-02	7.5E-01	2.8E-05	-9.6E-03	8.2E-01	1.5E-05	1.7E-02	6.9E-01	4.6E-05	2.3E-02	6.4E-01	8.3E-05	-7.3E-02	1.3E-01	8.9E-04
8.01	rs9987289	<i>PPP1R3B</i>	8	9220768	-9.1E-04	9.8E-01	1.4E-07	-1.8E-02	6.6E-01	5.5E-05	-4.5E-02	2.8E-01	3.3E-04	-6.3E-02	1.7E-01	6.8E-04	3.9E-02	4.0E-01	2.7E-04
8.02	rs11776767	<i>PINX1</i>	8	10721339	-6.3E-03	7.9E-01	2.0E-05	-1.9E-02	4.4E-01	1.7E-04	-3.0E-02	2.1E-01	4.4E-04	-1.8E-02	5.1E-01	1.6E-04	2.8E-02	3.1E-01	3.9E-04
8.03	rs1495743	<i>NAT2</i>	8	18317580	-2.4E-03	9.3E-01	2.2E-06	-7.3E-03	7.9E-01	2.0E-05	7.3E-03	8.0E-01	1.9E-05	3.8E-03	9.1E-01	5.1E-06	9.7E-03	7.7E-01	3.3E-05
8.04	rs12678919	<i>LPL</i>	8	19888502	3.2E-03	9.3E-01	2.0E-06	6.2E-02	1.1E-01	7.2E-04	6.5E-02	1.0E-01	7.8E-04	1.9E-02	6.7E-01	6.6E-05	-7.2E-02	1.1E-01	9.7E-04
8.05	rs10102164	<i>SOX17</i>	8	55584167	-2.6E-02	3.8E-01	2.2E-04	-2.8E-02	3.5E-01	2.5E-04	-2.7E-02	3.6E-01	2.4E-04	-5.0E-02	1.4E-01	8.1E-04	2.0E-02	5.5E-01	1.4E-04
8.06	rs1030431	<i>CYP7A1</i>	8	59474251	-2.7E-02	2.8E-01	3.3E-04	-3.0E-02	2.3E-01	4.1E-04	-1.2E-02	6.4E-01	6.3E-05	6.1E-03	8.4E-01	1.6E-05	1.2E-02	6.7E-01	6.8E-05
8.07	rs2293889	<i>TRPS1</i>	8	116668374	6.0E-02	9.7E-03	1.9E-03	6.3E-02	7.0E-03	2.1E-03	7.4E-02	1.7E-03	2.8E-03	2.7E-02	3.2E-01	3.7E-04	1.4E-02	6.0E-01	1.0E-04
8.08	rs2954029	<i>TRIB1</i>	8	126560154	4.0E-02	8.8E-02	8.3E-04	3.9E-02	9.9E-02	7.7E-04	4.1E-02	8.6E-02	8.4E-04	5.1E-02	5.8E-02	1.3E-03	-4.4E-02	1.0E-01	1.0E-03
8.09	rs11136341	<i>PLEC1</i>	8	145115531	-1.3E-02	6.1E-01	7.5E-05	1.0E-02	6.8E-01	4.7E-05	-5.0E-03	8.4E-01	1.1E-05	2.1E-02	4.6E-01	2.0E-04	-1.7E-02	5.5E-01	1.4E-04
9.01	rs3780181	<i>VLDLR</i>	9	2630759	2.2E-02	6.3E-01	6.5E-05	9.3E-03	8.4E-01	1.1E-05	2.4E-02	6.1E-01	7.5E-05	5.1E-02	3.5E-01	3.3E-04	9.5E-03	8.6E-01	1.2E-05
9.02	rs643531	<i>TTC39B</i>	9	15286034	4.2E-03	9.0E-01	4.4E-06	1.6E-03	9.6E-01	6.2E-07	4.5E-02	2.0E-01	4.8E-04	8.4E-02	3.2E-02	1.7E-03	-7.2E-02	6.7E-02	1.3E-03
9.03	rs1883025	<i>ABCA1</i>	9	106704122	-4.0E-02	1.0E-01	7.6E-04	-2.6E-02	3.3E-01	2.7E-04	-1.9E-02	4.6E-01	1.5E-04	-4.8E-02	1.1E-01	9.5E-04	-2.1E-02	4.9E-01	1.8E-04
9.04	rs649129	<i>ABO</i>	9	135144125	4.8E-02	1.0E-01	7.7E-04	2.8E-02	3.3E-01	2.7E-04	2.2E-02	4.6E-01	1.6E-04	-3.6E-03	9.2E-01	4.0E-06	-3.1E-02	3.6E-01	3.1E-04
10.01	rs1832007	<i>AKR1C4</i>	10	5244847	-9.5E-02	3.5E-03	2.4E-03	-5.3E-02	1.1E-01	7.4E-04	-5.2E-02	1.2E-01	7.1E-04	3.4E-02	3.7E-01	3.0E-04	-2.3E-02	5.5E-01	1.3E-04
10.02	rs10904908	<i>TRDMT1</i>	10	17300296	-1.2E-02	6.2E-01	7.0E-05	-3.1E-02	1.9E-01	4.8E-04	-2.9E-02	2.2E-01	4.2E-04	-2.0E-02	4.6E-01	2.0E-04	-3.7E-02	1.8E-01	6.9E-04
10.03	rs970548	<i>MARCH8-ALOX5</i>	10	45333283	1.5E-02	5.6E-01	9.7E-05	1.7E-02	5.3E-01	1.1E-04	-6.3E-04	9.8E-01	1.6E-07	-5.7E-03	8.5E-01	1.3E-05	1.7E-02	5.8E-01	1.2E-04
10.04	rs10761731	<i>JMJD1C</i>	10	64697616	-2.9E-02	2.2E-01	4.3E-04	-5.2E-03	8.3E-01	1.4E-05	-9.2E-03	7.0E-01	4.2E-05	1.8E-02	5.0E-01	1.7E-04	-1.4E-02	6.2E-01	9.6E-05
10.05	rs2068888	<i>CYP26A1</i>	10	94829632	-1.7E-02	4.6E-01	1.5E-04	-1.3E-02	5.7E-01	9.0E-05	1.5E-02	5.3E-01	1.1E-04	5.2E-03	8.5E-01	1.4E-05	1.4E-03	9.6E-01	1.0E-06

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
10.06	rs2255141	GPAM	10	113923876	2.8E-02	2.8E-01	3.3E-04	3.0E-02	2.4E-01	3.9E-04	3.2E-02	2.2E-01	4.3E-04	8.6E-03	7.8E-01	3.0E-05	8.2E-03	7.9E-01	2.8E-05
11.01	rs2923084	AMPD3	11	10345358	9.4E-03	7.6E-01	2.8E-05	2.2E-02	4.6E-01	1.6E-04	2.0E-02	5.2E-01	1.2E-04	7.3E-02	3.8E-02	1.6E-03	1.8E-02	6.0E-01	1.0E-04
11.02	rs10832963	SPTY2D1	11	18620817	1.4E-02	5.9E-01	8.3E-05	1.3E-02	6.3E-01	6.6E-05	4.0E-02	1.3E-01	6.6E-04	5.1E-02	9.9E-02	1.0E-03	2.8E-04	9.9E-01	3.2E-08
11.03	rs3136441	LRP4	11	46699823	-1.3E-02	6.9E-01	4.6E-05	9.4E-03	7.8E-01	2.2E-05	2.7E-02	4.3E-01	1.8E-04	2.7E-02	4.9E-01	1.8E-04	-9.6E-03	8.0E-01	2.3E-05
11.04	rs11246602	OR4C46	11	51368666	4.6E-02	1.9E-01	5.0E-04	2.4E-02	5.0E-01	1.3E-04	7.7E-02	3.3E-02	1.3E-03	6.9E-02	1.0E-01	1.0E-03	-5.6E-02	1.9E-01	6.7E-04
11.05	rs174546	FADS123	11	61326406	4.5E-02	6.7E-02	9.6E-04	5.3E-02	3.0E-02	1.3E-03	5.0E-02	4.2E-02	1.2E-03	5.0E-02	7.9E-02	1.1E-03	-4.3E-03	8.8E-01	8.6E-06
11.06	rs12801636	KAT5	11	65147893	-7.3E-03	7.9E-01	1.9E-05	-1.2E-02	6.7E-01	5.1E-05	7.0E-03	8.1E-01	1.7E-05	5.9E-03	8.6E-01	1.2E-05	-4.3E-02	1.9E-01	6.4E-04
11.07	rs499974	MOGAT2-DGAT2	11	75132669	-1.0E-03	9.7E-01	3.1E-07	-1.5E-02	6.4E-01	6.4E-05	-4.0E-02	2.2E-01	4.4E-04	-2.2E-02	5.5E-01	1.3E-04	-7.0E-03	8.5E-01	1.4E-05
11.08	rs964184	APOA1C3A4A5	11	116154127	3.2E-02	3.7E-01	2.3E-04	-1.1E-02	7.5E-01	2.9E-05	-1.8E-03	9.6E-01	7.1E-07	-4.0E-02	3.3E-01	3.5E-04	1.7E-01	4.1E-05	6.4E-03
11.09	rs11603023	PHLDB1	11	117991277	5.7E-03	8.1E-01	1.7E-05	3.4E-03	8.8E-01	6.3E-06	-1.6E-02	4.8E-01	1.4E-04	8.9E-03	7.4E-01	4.0E-05	-4.6E-03	8.6E-01	1.1E-05
11.10	rs7941030	UBASH3B	11	122027585	1.3E-02	5.9E-01	8.5E-05	1.7E-02	4.8E-01	1.4E-04	4.3E-03	8.6E-01	9.1E-06	2.9E-02	2.9E-01	4.1E-04	1.7E-02	5.3E-01	1.5E-04
11.11	rs11220462	ST3GAL4	11	125749162	5.9E-02	1.0E-01	7.7E-04	4.0E-02	2.7E-01	3.5E-04	3.7E-02	3.2E-01	2.9E-04	5.0E-02	2.4E-01	5.2E-04	3.0E-03	9.4E-01	2.0E-06
12.01	rs4883201	PHC1-A2ML1	12	8973848	9.4E-02	1.4E-02	1.7E-03	8.8E-02	2.3E-02	1.5E-03	4.0E-02	3.1E-01	3.0E-04	-1.2E-02	8.0E-01	2.5E-05	-2.1E-02	6.5E-01	7.7E-05
12.02	rs7134375	PDE3A	12	20365025	-6.1E-02	1.1E-02	1.9E-03	-5.0E-02	3.6E-02	1.2E-03	-3.0E-02	2.2E-01	4.4E-04	-2.7E-02	3.3E-01	3.6E-04	1.7E-02	5.3E-01	1.5E-04
12.03	rs12317268	SLCO1B1 - delta	12	21243808	1.1E-01	5.6E-04	3.4E-03	1.1E-01	4.2E-04	3.5E-03	9.8E-02	2.3E-03	2.7E-03	4.2E-02	2.5E-01	4.9E-04	8.4E-02	2.2E-02	2.0E-03
12.04	rs11613352	LRP1	12	56078847	2.7E-02	3.2E-01	2.8E-04	2.4E-02	3.9E-01	2.1E-04	3.8E-02	1.8E-01	5.1E-04	4.4E-02	1.7E-01	6.9E-04	-9.6E-03	7.7E-01	3.4E-05
12.05	rs7134594	MVK	12	108484576	-1.1E-02	6.5E-01	5.9E-05	-2.0E-02	3.9E-01	2.1E-04	-9.7E-03	6.8E-01	4.8E-05	-7.9E-03	7.7E-01	3.1E-05	4.0E-02	1.4E-01	8.2E-04
12.06	rs11065987	BRAP	12	110556807	7.2E-04	9.8E-01	2.7E-07	-6.4E-03	7.9E-01	2.1E-05	-8.5E-04	9.7E-01	3.6E-07	1.2E-03	9.6E-01	7.4E-07	-4.8E-03	8.6E-01	1.1E-05
12.07	rs1169288	HNFI1A	12	119901033	4.8E-03	8.6E-01	9.4E-06	8.1E-03	7.6E-01	2.7E-05	-1.3E-02	6.3E-01	6.7E-05	9.5E-05	0.99	3.6E-09	1.5E-02	6.2E-01	9.3E-05
12.08	rs4759375	SBNO1	12	122362191	6.6E-02	9.8E-02	7.8E-04	4.9E-02	2.2E-01	4.2E-04	5.0E-02	2.2E-01	4.3E-04	5.3E-02	2.5E-01	4.8E-04	1.2E-02	8.0E-01	2.5E-05
12.09	rs4765127	ZNF664	12	123026120	2.4E-02	3.1E-01	2.9E-04	2.7E-02	2.6E-01	3.6E-04	3.1E-02	2.1E-01	4.6E-04	4.9E-02	8.6E-02	1.1E-03	2.0E-02	4.9E-01	1.8E-04
12.10	rs838880	SCARB1	12	123827546	-4.8E-02	5.7E-02	1.0E-03	-5.0E-02	4.8E-02	1.1E-03	-5.1E-02	4.4E-02	1.2E-03	-3.9E-02	1.9E-01	6.5E-04	-2.5E-02	3.9E-01	2.8E-04
13.01	rs4942486	BRCA2	13	31851388	-7.8E-05	0.99	3.2E-09	-1.9E-03	9.3E-01	1.9E-06	2.6E-03	9.1E-01	3.6E-06	-3.9E-02	1.4E-01	7.9E-04	6.4E-03	8.1E-01	2.1E-05
14.01	rs2332328	NYNRN1	14	23952898	-5.2E-02	2.5E-02	1.4E-03	-2.9E-02	2.1E-01	4.5E-04	-3.0E-02	2.1E-01	4.6E-04	-4.0E-03	8.8E-01	8.3E-06	-3.9E-02	1.5E-01	7.8E-04
14.02	rs4983559	ZBTB42-AKT1	14	104348254	-2.8E-02	2.4E-01	3.9E-04	-2.5E-03	9.2E-01	2.9E-06	-1.4E-02	5.7E-01	9.4E-05	3.3E-02	2.4E-01	5.1E-04	-2.8E-02	3.3E-01	3.7E-04
15.01	rs8035382	FRMD5	15	42031815	-4.2E-02	4.5E-01	1.6E-04	-2.0E-02	7.2E-01	3.6E-05	-1.4E-02	8.0E-01	1.9E-05	-3.9E-02	5.4E-01	1.4E-04	4.1E-02	5.3E-01	1.5E-04
15.02	rs1532085	LIPC	15	56470658	-7.5E-03	7.6E-01	2.7E-05	-9.5E-03	6.9E-01	4.4E-05	-1.6E-02	5.1E-01	1.2E-04	2.6E-02	3.5E-01	3.2E-04	-4.5E-02	1.1E-01	9.6E-04
15.03	rs2652834	LACTB	15	61183920	1.7E-02	5.6E-01	9.8E-05	3.3E-03	9.1E-01	3.7E-06	-3.0E-02	3.0E-01	3.0E-04	2.4E-02	4.7E-01	1.9E-04	-3.8E-03	9.1E-01	5.0E-06
16.01	rs3198697	PDXDC1	16	15037441	3.4E-02	1.4E-01	6.2E-04	2.9E-02	2.2E-01	4.3E-04	2.6E-02	2.8E-01	3.3E-04	3.9E-02	1.5E-01	7.6E-04	-2.8E-02	3.2E-01	3.8E-04
16.02	rs11649653	CTF1	16	30825988	-2.8E-02	2.4E-01	3.9E-04	-3.2E-02	1.8E-01	5.2E-04	-6.3E-02	9.7E-03	1.9E-03	-4.4E-02	1.1E-01	9.5E-04	-3.7E-02	1.8E-01	6.8E-04
16.03	rs1121980	FTO	16	52366748	-2.1E-02	3.7E-01	2.3E-04	-2.9E-02	2.1E-01	4.4E-04	-2.6E-02	2.8E-01	3.4E-04	-2.6E-02	3.4E-01	3.4E-04	2.6E-02	3.4E-01	3.5E-04
16.04	rs3764261	CETP	16	55550825	-1.3E-02	5.9E-01	8.5E-05	1.0E-02	6.8E-01	4.8E-05	2.0E-02	4.3E-01	1.8E-04	1.1E-02	7.1E-01	5.0E-05	-1.1E-01	9.7E-05	5.8E-03
16.05	rs16942887	LCAT	16	66485543	1.4E-02	6.9E-01	4.5E-05	1.1E-02	7.6E-01	2.6E-05	6.8E-02	6.2E-02	1.0E-03	6.7E-02	1.1E-01	9.6E-04	2.4E-03	9.5E-01	1.3E-06
16.06	rs2000999	HPR	16	70665594	3.9E-03	9.0E-01	4.6E-06	1.5E-02	6.2E-01	6.9E-05	-1.5E-02	6.2E-01	6.9E-05	2.7E-02	4.4E-01	2.2E-04	-4.3E-02	2.3E-01	5.4E-04
16.07	rs2925979	CMIP	16	80092291	-3.2E-02	2.1E-01	4.6E-04	-4.2E-02	1.0E-01	7.6E-04	-4.8E-02	6.6E-02	9.7E-04	-1.4E-02	6.3E-01	8.8E-05	3.6E-02	2.3E-01	5.5E-04
17.01	rs314253	DLG4	17	7032374	-6.7E-03	7.8E-01	2.2E-05	-5.6E-03	8.2E-01	1.5E-05	-2.2E-02	3.8E-01	2.2E-04	-8.4E-04	9.8E-01	3.3E-07	2.3E-02	4.1E-01	2.6E-04
17.02	rs881844	STAR3	17	35063744	-1.0E-02	6.8E-01	4.7E-05	-1.3E-02	5.9E-01	8.2E-05	3.4E-03	8.9E-01	5.4E-06	1.1E-02	7.1E-01	5.1E-05	1.6E-02	5.8E-01	1.2E-04
17.03	rs8077889	MPP3	17	39233692	2.5E-02	3.8E-01	2.2E-04	3.7E-02	1.9E-01	4.8E-04	2.3E-02	4.2E-01	1.9E-04	3.1E-03	9.2E-01	3.4E-06	-4.2E-02	2.0E-01	6.1E-04
17.04	rs7225700	OSBPL7	17	42746803	-6.7E-03	7.8E-01	2.2E-05	3.3E-04	9.9E-01	5.3E-08	-5.0E-03	8.4E-01	1.2E-05	2.6E-03	9.2E-01	3.3E-06	-1.6E-02	5.7E-01	1.2E-04
17.05	rs1801689	APOH-PRXCA	17	61641042	1.3E-01	5.7E-02	1.0E-03	1.1E-01	1.1E-01	7.4E-04	5.1E-02	4.6E-01	1.6E-04	8.7E-02	2.8E-01	4.3E-04	-7.7E-02	3.4E-01	3.5E-04
17.06	rs4148008	ABCA8	17	64386889	3.0E-02	2.3E-01	4.2E-04	-7.0E-04	9.8E-01	2.2E-07	1.9E-03	9.4E-01	1.5E-06	-9.2E-03	7.6E-01	3.6E-05	2.9E-02	3.3E-01	3.6E-04
17.07	rs4082919	PGS1	17	73889077	1.4E-03	9.5E-01	1.0E-06	6.9E-03	7.7E-01	2.5E-05	-6.7E-03	7.8E-01	2.3E-05	-3.6E-03	8.9E-01	6.5E-06	-5.0E-02	6.9E-02	1.3E-03
18.01	rs7241918	LIPG	18	45414951	6.6E-02	3.1E-02	1.3E-03	6.0E-02	5.2E-02	1.1E-03	7.7E-03	8.1E-01	1.7E-05	2.8E-02	4.3E-01	2.4E-04	-1.3E-03	9.7E-01	5.4E-07
18.02	rs12967135	MC4R	18	56000003	-1.9E-02	5.0E-01	1.3E-04	-7.7E-03	7.8E-01	2.2E-05	-9.9E-03	7.3E-01	3.5E-05	6.0E-03	8.5E-01	1.3E-05	-7.1E-02	2.8E-02	1.8E-03
19.01	rs7248104	INSR	19	7175431	-8.2E-03	7.3E-01	3.4E-05	-5.1E-03	8.3E-01	1.3E-05	-3.1E-02	2.0E-01	4.6E-04	1.9E-03	9.4E-01	1.8E-06	3.7E-03	8.9E-01	6.8E-06
19.02	rs7255436	ANGPTLA	19	8339196	2.4E-02	3.0E-01	3.1E-04	2.0E-02	3.8E-01	2.1E-04	1.3E-02	5.7E-01	9.3E-05	-5.4E-02	4.5E-02	1.5E-03	2.4E-02	3.7E-01	3.1E-04
19.03	rs11672123	LDLR - delta	19	11055823	1.3E-01	1.8E-02	1.6E-03	1.1E-01	3.6E-02	1.2E-03	1.2E-01	3.4E-02	1.3E-03	1.1E-01	8.9E-02	1.1E-03	-9.7E-02	1.2E-01	9.1E-04
19.04	rs6511720	LDLR	19	11063306	-2.6E-02	4.1E-01	2.0E-04	-1.5E-02	6.3E-01	6.7E-05	-6.1E-03	8.5E-01	1.0E-05	-2.7E-02	4.6E-01	2.0E-04	-2.8E-02	4.5E-01	2.1E-04

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
19.05	rs737337	<i>LOC55908</i>	19	11208493	-3.7E-02	3.9E-01	2.1E-04	-6.4E-02	1.4E-01	6.2E-04	-8.4E-02	5.5E-02	1.1E-03	-1.1E-01	2.2E-02	1.9E-03	-5.4E-03	9.2E-01	4.3E-06
19.06	rs10401969	<i>CILP2</i>	19	19268718	5.6E-02	1.7E-01	5.3E-04	1.2E-01	3.5E-03	2.4E-03	1.7E-01	7.2E-05	4.5E-03	1.3E-01	8.0E-03	2.6E-03	-3.6E-02	4.5E-01	2.2E-04
19.07	rs731839	<i>PEPD</i>	19	38590905	2.8E-02	2.5E-01	3.8E-04	3.0E-02	2.2E-01	4.3E-04	-2.6E-03	9.2E-01	3.2E-06	2.2E-02	4.3E-01	2.3E-04	-6.9E-03	8.1E-01	2.2E-05
19.08	rs7412	<i>APOE - delta</i>	19	50103919	-4.5E-02	1.9E-01	4.9E-04	-5.8E-02	9.3E-02	8.0E-04	1.0E-01	4.0E-03	2.4E-03	1.4E-01	4.4E-04	4.6E-03	6.7E-02	1.0E-01	1.0E-03
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	5.4E-02	1.3E-01	6.5E-04	3.9E-02	2.8E-01	3.4E-04	-5.8E-02	1.1E-01	7.2E-04	-9.1E-02	3.2E-02	1.7E-03	4.8E-02	2.6E-01	4.9E-04
19.10	rs492602	<i>FLJ36070</i>	19	53898229	-2.6E-03	9.1E-01	3.7E-06	1.2E-02	6.0E-01	7.9E-05	2.7E-02	2.5E-01	3.9E-04	3.6E-02	1.8E-01	6.7E-04	3.1E-02	2.6E-01	4.9E-04
19.11	rs17695224	<i>HAS1</i>	19	57016028	1.2E-02	6.3E-01	6.6E-05	2.5E-02	3.4E-01	2.6E-04	-7.7E-03	7.7E-01	2.5E-05	-6.3E-03	8.3E-01	1.7E-05	-2.5E-02	4.0E-01	2.8E-04
19.12	rs386000	<i>LILRA3</i>	19	59484573	1.1E-02	7.0E-01	4.2E-05	2.7E-02	3.3E-01	2.7E-04	5.2E-02	6.6E-02	9.7E-04	6.1E-02	6.4E-02	1.3E-03	-1.8E-02	5.8E-01	1.2E-04
20.01	rs364585	<i>SPTLC3</i>	20	12910718	-2.8E-02	2.3E-01	4.1E-04	-2.7E-02	2.7E-01	3.5E-04	-4.6E-02	5.7E-02	1.0E-03	-4.2E-02	1.3E-01	8.5E-04	1.1E-02	6.9E-01	5.9E-05
20.02	rs2328223	<i>SNX5</i>	20	17793921	-9.7E-03	7.4E-01	3.0E-05	1.1E-02	7.3E-01	3.5E-05	7.5E-04	9.8E-01	1.7E-07	4.7E-02	1.8E-01	6.5E-04	4.7E-02	1.8E-01	6.8E-04
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	-4.3E-03	9.0E-01	5.0E-06	-4.5E-03	8.9E-01	5.5E-06	-3.3E-02	3.2E-01	2.8E-04	-8.7E-02	2.1E-02	2.0E-03	7.0E-02	6.6E-02	1.3E-03
20.04	rs2902940	<i>MAFB</i>	20	38524901	8.5E-03	7.4E-01	3.1E-05	-2.0E-03	9.4E-01	1.7E-06	-2.0E-04	9.9E-01	1.7E-08	1.8E-02	5.5E-01	1.3E-04	-3.9E-02	2.0E-01	6.4E-04
20.05	rs909802	<i>TOP1</i>	20	39370229	3.5E-03	8.8E-01	6.3E-06	1.7E-02	4.8E-01	1.4E-04	-7.0E-03	7.7E-01	2.5E-05	-2.8E-02	3.0E-01	3.9E-04	-4.4E-03	8.7E-01	1.0E-05
20.06	rs1800961	<i>HNF4A</i>	20	42475778	4.5E-02	5.3E-01	1.1E-04	6.2E-03	9.3E-01	2.2E-06	-2.0E-02	7.8E-01	2.2E-05	-3.5E-02	6.8E-01	6.3E-05	8.5E-03	9.2E-01	3.9E-06
20.07	rs6065906	<i>PLTP</i>	20	43987422	-5.3E-02	8.1E-02	8.7E-04	-6.3E-02	3.9E-02	1.2E-03	-7.5E-02	1.6E-02	1.7E-03	-7.7E-02	3.0E-02	1.7E-03	-1.8E-02	6.0E-01	1.0E-04
22.01	rs181362	<i>UBE2L3</i>	22	20262068	2.8E-02	3.5E-01	2.5E-04	3.2E-02	2.8E-01	3.3E-04	3.1E-02	3.0E-01	3.0E-04	2.3E-02	4.9E-01	1.7E-04	7.8E-04	9.8E-01	1.9E-07
22.02	rs5763662	<i>MTMR3</i>	22	28708703	-1.1E-01	1.4E-01	6.2E-04	-1.1E-01	1.4E-01	6.3E-04	-1.7E-01	1.9E-02	1.6E-03	-6.8E-02	4.4E-01	2.3E-04	7.1E-02	4.1E-01	2.6E-04
22.03	rs138777	<i>TOM1</i>	22	34041098	-5.0E-03	8.4E-01	1.2E-05	2.2E-02	3.7E-01	2.3E-04	7.3E-03	7.7E-01	2.5E-05	3.9E-02	1.7E-01	6.9E-04	4.3E-03	8.8E-01	8.6E-06
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	-1.6E-02	5.1E-01	1.3E-04	-2.1E-02	3.8E-01	2.2E-04	-2.9E-02	2.4E-01	4.0E-04	-2.0E-03	9.4E-01	1.9E-06	-2.9E-02	2.9E-01	4.2E-04
22.05	rs4253772	<i>PPARA</i>	22	45006267	1.2E-02	7.3E-01	3.5E-05	2.7E-02	5.3E-01	1.1E-04	-1.3E-02	7.4E-01	3.2E-05	5.4E-02	3.6E-01	3.1E-04	-5.9E-02	1.5E-01	8.1E-04

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

R²: variance explained by SNP

Supplemental Table 6b: Association results for index variants in each candidate region tested and association with percentage change in LDL-C, non-HDL-C, apo B, LDL-P and LDL-size among the rosuvastatin allocated arm only.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
1.01	rs1077514	<i>ASAP3</i>	1	23638820	-3.6E-02	2.9E-01	3.2E-04	-4.0E-02	2.4E-01	4.0E-04	-6.1E-02	7.9E-02	8.9E-04	-1.7E-02	6.6E-01	7.1E-05	-1.8E-03	9.6E-01	8.3E-07
1.02	rs12027135	<i>LDLRAP1</i>	1	25648320	1.7E-02	4.7E-01	1.5E-04	2.8E-02	2.3E-01	4.1E-04	-1.7E-03	9.4E-01	1.4E-06	-4.2E-02	1.2E-01	8.8E-04	-2.9E-02	2.8E-01	4.4E-04
1.03	rs12748152	<i>PIGV-NROB2</i>	1	27010980	2.8E-02	5.4E-01	1.1E-04	6.4E-02	1.5E-01	5.8E-04	3.5E-02	4.5E-01	1.6E-04	3.2E-02	5.4E-01	1.4E-04	-4.0E-02	4.5E-01	2.2E-04
1.04	rs4660293	<i>PABPC4</i>	1	39800767	-3.1E-02	2.5E-01	3.8E-04	-3.6E-02	1.9E-01	4.9E-04	-2.2E-02	4.2E-01	1.9E-04	-8.0E-04	9.8E-01	2.4E-07	-6.0E-02	6.0E-02	1.3E-03
1.05	rs2479409	<i>PCSK9</i>	1	55277238	1.7E-03	9.5E-01	1.3E-06	1.7E-03	9.5E-01	1.3E-06	3.3E-03	9.0E-01	4.9E-06	-1.8E-02	5.2E-01	1.5E-04	1.6E-02	5.8E-01	1.2E-04
1.06	rs17111584	<i>PCSK9 - delta</i>	1	55319284	1.7E-01	1.8E-03	2.8E-03	1.8E-01	1.1E-03	3.0E-03	1.3E-01	1.6E-02	1.7E-03	5.8E-02	3.6E-01	3.1E-04	1.0E-02	8.7E-01	1.0E-05
1.07	rs2131925	<i>ANGPTL3</i>	1	62798530	2.7E-04	9.9E-01	3.6E-08	-1.7E-02	4.7E-01	1.5E-04	7.3E-03	7.6E-01	2.6E-05	1.7E-02	5.4E-01	1.4E-04	-4.8E-02	8.7E-02	1.1E-03
1.08	rs7515577	<i>EVI5</i>	1	92782026	-3.8E-02	1.8E-01	5.1E-04	-4.5E-02	1.1E-01	7.2E-04	-6.4E-02	2.5E-02	1.4E-03	-9.0E-02	5.6E-03	2.8E-03	3.8E-03	9.1E-01	5.0E-06
1.09	rs629301	<i>SORT1</i>	1	109619829	-9.0E-02	6.2E-04	3.3E-03	-8.8E-02	7.9E-04	3.2E-03	-8.3E-02	2.0E-03	2.7E-03	-4.4E-02	1.5E-01	7.5E-04	1.7E-02	5.9E-01	1.1E-04
1.10	rs267733	<i>ANXA9-CERS2</i>	1	149225460	4.2E-02	1.8E-01	5.3E-04	4.4E-02	1.5E-01	5.8E-04	3.1E-02	3.2E-01	2.8E-04	9.6E-03	7.9E-01	2.7E-05	-1.4E-02	7.0E-01	5.8E-05
1.11	rs12145743	<i>HMGF-PMVK</i>	1	154967275	-5.8E-03	8.1E-01	1.6E-05	-3.3E-04	9.9E-01	5.3E-08	-1.4E-02	5.7E-01	9.3E-05	2.5E-02	3.7E-01	3.0E-04	-1.9E-02	5.1E-01	1.7E-04
1.12	rs4650994	<i>ANGPTL1</i>	1	176781935	-1.4E-02	5.5E-01	1.0E-04	-1.7E-02	4.7E-01	1.5E-04	-1.7E-02	4.8E-01	1.5E-04	-2.4E-02	3.7E-01	3.0E-04	3.2E-02	2.4E-01	5.2E-04
1.13	rs1689800	<i>ZNF648</i>	1	180435508	2.0E-02	4.1E-01	1.9E-04	2.0E-02	4.0E-01	2.0E-04	3.2E-02	1.9E-01	5.0E-04	6.6E-03	8.1E-01	2.1E-05	-1.9E-02	4.9E-01	1.8E-04
1.14	rs2807834	<i>MOSC1</i>	1	219037216	-2.4E-02	3.4E-01	2.6E-04	-2.2E-02	3.8E-01	2.2E-04	-4.7E-02	6.0E-02	1.0E-03	4.5E-03	8.7E-01	9.3E-06	2.1E-02	4.6E-01	2.1E-04
1.15	rs4846914	<i>GALNT2</i>	1	228362314	1.8E-02	4.6E-01	1.6E-04	9.6E-03	6.9E-01	4.6E-05	1.9E-02	4.4E-01	1.7E-04	1.9E-02	5.0E-01	1.7E-04	5.8E-02	3.7E-02	1.7E-03
1.16	rs514230	<i>IRF2BP2</i>	1	232925220	7.3E-03	7.5E-01	2.8E-05	2.3E-03	9.2E-01	2.8E-06	8.0E-03	7.3E-01	3.3E-05	3.4E-02	2.1E-01	6.0E-04	-5.4E-02	4.8E-02	1.5E-03
2.01	rs1367117	<i>APOB</i>	2	21117405	-1.2E-03	9.6E-01	6.7E-07	-1.2E-02	6.5E-01	5.8E-05	4.2E-03	8.7E-01	7.5E-06	-6.0E-03	8.4E-01	1.5E-05	1.5E-02	6.2E-01	9.5E-05
2.02	rs1260326	<i>GCKR</i>	2	27584444	-2.4E-02	3.0E-01	3.0E-04	-8.3E-04	9.7E-01	3.5E-07	-4.2E-03	8.6E-01	9.0E-06	-4.7E-02	8.5E-02	1.1E-03	3.1E-02	2.5E-01	5.0E-04
2.03	rs4299376	<i>ABCG5-8</i>	2	43926080	1.9E-02	4.4E-01	1.7E-04	2.0E-02	4.2E-01	1.9E-04	-1.0E-02	6.8E-01	4.8E-05	2.0E-02	4.9E-01	1.8E-04	1.1E-02	7.1E-01	5.2E-05
2.04	rs2710642	<i>EHBP1</i>	2	63003061	-4.6E-02	6.1E-02	1.0E-03	-4.9E-02	4.7E-02	1.1E-03	-4.7E-02	6.0E-02	1.0E-03	-1.2E-02	6.6E-01	7.0E-05	-1.4E-02	6.2E-01	9.2E-05
2.05	rs10490626	<i>INSIG2</i>	2	118552311	-1.3E-02	7.5E-01	2.9E-05	1.4E-02	7.3E-01	3.3E-05	5.7E-03	8.9E-01	5.5E-06	-2.5E-02	5.9E-01	1.1E-04	5.4E-02	2.6E-01	4.9E-04
2.06	rs2030746	<i>LOC84931</i>	2	121025958	6.1E-03	8.0E-01	1.9E-05	-2.0E-02	3.9E-01	2.1E-04	1.4E-03	9.5E-01	9.4E-07	1.3E-02	6.4E-01	7.9E-05	-1.9E-03	9.4E-01	1.8E-06
2.07	rs6759321	<i>RABGAP1</i>	2	136039146	-1.1E-02	6.7E-01	5.2E-05	-1.0E-02	6.9E-01	4.7E-05	-1.1E-02	6.6E-01	5.6E-05	-3.9E-02	1.9E-01	6.3E-04	1.9E-02	5.2E-01	1.5E-04
2.08	rs10195252	<i>COBLL1</i>	2	165221337	-3.7E-03	8.8E-01	6.8E-06	-8.8E-03	7.2E-01	3.8E-05	-4.4E-02	7.4E-02	9.1E-04	-3.3E-02	2.3E-01	5.3E-04	1.2E-02	6.6E-01	7.6E-05
2.09	rs2287623	<i>ABCB11</i>	2	169538401	-7.9E-03	7.4E-01	3.1E-05	-2.4E-02	3.0E-01	3.0E-04	-2.0E-02	4.2E-01	1.9E-04	2.5E-02	3.7E-01	3.0E-04	-3.0E-03	9.1E-01	4.5E-06
2.10	rs11694172	<i>FAM117B</i>	2	203240549	3.4E-02	2.0E-01	4.6E-04	3.4E-02	2.1E-01	4.5E-04	4.7E-02	8.6E-02	8.5E-04	2.2E-02	4.9E-01	1.8E-04	-8.0E-02	1.2E-02	2.4E-03
2.11	rs1250229	<i>FN1</i>	2	216012629	-2.4E-02	3.6E-01	2.4E-04	-7.9E-03	7.7E-01	2.5E-05	-2.1E-02	4.5E-01	1.7E-04	5.4E-03	8.6E-01	1.1E-05	-1.8E-02	5.6E-01	1.3E-04
2.12	rs2943645	<i>IRS1</i>	2	226807424	-4.6E-02	5.1E-02	1.1E-03	-2.6E-02	2.8E-01	3.3E-04	-4.2E-02	8.3E-02	8.6E-04	-5.2E-02	5.7E-02	1.3E-03	4.7E-02	9.1E-02	1.1E-03
2.13	rs11563251	<i>UGT1A1</i>	2	234344123	-1.4E-02	7.1E-01	4.0E-05	-3.3E-03	9.3E-01	2.3E-06	2.3E-02	5.3E-01	1.1E-04	3.3E-02	4.3E-01	2.3E-04	3.5E-02	4.0E-01	2.7E-04
3.01	rs2606736	<i>ATG7</i>	3	11375249	-2.3E-02	3.4E-01	2.6E-04	-1.4E-02	5.7E-01	9.3E-05	-2.0E-02	4.3E-01	1.8E-04	-2.8E-02	3.2E-01	3.6E-04	-3.4E-02	2.4E-01	5.2E-04
3.02	rs2290159	<i>RAF1</i>	3	12603920	-3.8E-02	1.7E-01	5.4E-04	-1.5E-02	5.9E-01	8.1E-05	8.9E-03	7.5E-01	2.8E-05	-3.5E-02	2.8E-01	4.3E-04	-7.3E-03	8.2E-01	1.9E-05
3.03	rs7640978	<i>CFMTM6</i>	3	32508014	-2.3E-02	5.4E-01	1.1E-04	-7.3E-02	5.3E-02	1.1E-03	-6.4E-02	9.3E-02	8.1E-04	-7.9E-03	8.6E-01	1.2E-05	1.7E-02	7.1E-01	5.3E-05
3.04	rs2290547	<i>SETD2</i>	3	47036187	8.1E-03	7.9E-01	2.0E-05	1.6E-02	6.0E-01	8.0E-05	-9.5E-03	7.6E-01	2.7E-05	-2.5E-02	4.7E-01	1.9E-04	-1.2E-02	7.4E-01	4.3E-05
3.05	rs2013208	<i>RBM5</i>	3	50104403	1.2E-02	6.1E-01	7.5E-05	7.5E-03	7.5E-01	2.9E-05	3.4E-02	1.4E-01	6.1E-04	5.6E-03	8.3E-01	1.6E-05	-1.4E-02	6.1E-01	9.8E-05
3.06	rs13326165	<i>STAB1</i>	3	52507158	7.2E-03	8.0E-01	1.9E-05	3.7E-02	1.9E-01	4.8E-04	6.0E-02	3.8E-02	1.2E-03	4.2E-02	2.0E-01	6.0E-04	-5.1E-02	1.3E-01	8.9E-04
3.07	rs13315871	<i>PXK</i>	3	58356327	-8.6E-02	3.5E-02	1.3E-03	-9.9E-02	1.5E-02	1.7E-03	-8.0E-02	5.5E-02	1.1E-03	-3.8E-02	4.2E-01	2.4E-04	2.1E-02	6.6E-01	7.5E-05
3.08	rs6805251	<i>GSK3B</i>	3	121043296	-3.2E-02	1.8E-01	5.1E-04	-6.5E-02	6.3E-03	2.1E-03	-6.9E-02	4.2E-03	2.3E-03	-4.7E-02	8.6E-02	1.1E-03	4.6E-02	9.7E-02	1.0E-03
3.09	rs17404153	<i>ACAD11</i>	3	133645890	7.8E-02	2.5E-02	1.4E-03	5.7E-02	9.6E-02	7.9E-04	4.8E-02	1.7E-01	5.4E-04	6.0E-02	1.4E-01	8.2E-04	6.7E-02	1.0E-01	1.0E-03
3.10	rs645040	<i>MSL2L1</i>	3	137409312	6.8E-02	1.3E-02	1.8E-03	4.5E-02	1.0E-01	7.6E-04	3.0E-02	2.8E-01	3.3E-04	-2.5E-02	4.2E-01	2.4E-04	4.8E-02	1.4E-01	8.5E-04
4.01	rs6831256	<i>LRPAP1</i>	4	3442937	3.1E-03	9.0E-01	4.9E-06	-2.6E-03	9.1E-01	3.4E-06	8.1E-03	7.3E-01	3.3E-05	2.0E-02	4.6E-01	2.0E-04	3.5E-02	2.1E-01	6.0E-04
4.02	rs10019888	<i>C4orf52</i>	4	25672088	-1.3E-03	9.7E-01	4.6E-07	4.3E-03	8.9E-01	5.3E-06	1.1E-02	7.2E-01	3.6E-05	1.4E-02	7.1E-01	5.3E-05	2.7E-02	4.7E-01	2.0E-04
4.03	rs442177	<i>KLHL8</i>	4	88249285	-1.6E-02	4.9E-01	1.3E-04	-1.6E-02	5.0E-01	1.3E-04	-1.9E-02	4.2E-01	1.9E-04	1.4E-02	6.3E-01	8.8E-05	-3.2E-03	9.1E-01	4.9E-06
4.04	rs2199936	<i>ABCG2 - delta</i>	4	89264355	-3.0E-01	6.5E-16	1.8E-02	-3.3E-01	2.2E-19	2.3E-02	-2.9E-01	2.7E-14	1.6E-02	-1.9E-01	1.0E-05	7.2E-03	-8.6E-02	4.7E-02	1.5E-03

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
4.05	rs3822072	FAM13A1	4	89960292	2.3E-02	3.1E-01	2.9E-04	2.0E-02	3.8E-01	2.2E-04	-1.0E-02	6.6E-01	5.5E-05	-6.0E-03	8.2E-01	1.9E-05	4.3E-02	1.1E-01	9.8E-04
4.06	rs2602836	ADH5	4	100233828	2.5E-02	2.8E-01	3.3E-04	4.3E-02	6.3E-02	9.8E-04	4.4E-02	6.4E-02	9.9E-04	5.3E-02	4.8E-02	1.5E-03	-2.1E-02	4.3E-01	2.4E-04
4.07	rs13107325	SLC39A8	4	103407732	-3.2E-02	4.4E-01	1.7E-04	-3.3E-02	4.2E-01	1.8E-04	1.3E-02	7.6E-01	2.6E-05	1.3E-02	7.8E-01	3.0E-05	-6.4E-02	1.8E-01	6.8E-04
5.01	rs6450176	ARL15	5	53333782	-2.4E-04	9.9E-01	1.9E-08	4.2E-03	8.9E-01	5.8E-06	1.3E-02	6.7E-01	5.3E-05	1.9E-02	5.8E-01	1.1E-04	3.6E-02	3.0E-01	4.1E-04
5.02	rs9686661	MAP3K1	5	55897543	-2.7E-02	3.7E-01	2.3E-04	-2.5E-02	4.0E-01	2.0E-04	-2.1E-02	4.9E-01	1.3E-04	-5.7E-03	8.7E-01	1.0E-05	6.8E-02	5.4E-02	1.4E-03
5.03	rs12916	HMGCR	5	74692295	9.1E-03	7.0E-01	4.2E-05	2.1E-02	3.7E-01	2.3E-04	-6.8E-03	7.8E-01	2.3E-05	-8.0E-04	9.8E-01	3.1E-07	4.4E-03	8.8E-01	9.4E-06
5.04	rs4530754	CSNK1G3	5	122883315	2.2E-03	9.2E-01	2.6E-06	-2.4E-03	9.2E-01	3.1E-06	-4.8E-03	8.4E-01	1.2E-05	3.2E-02	2.4E-01	5.1E-04	-4.8E-02	7.8E-02	1.2E-03
5.05	rs6882076	TIMD4	5	156322875	-2.7E-02	2.5E-01	3.7E-04	-3.3E-02	1.6E-01	5.7E-04	2.8E-03	9.1E-01	4.0E-06	1.2E-02	6.7E-01	6.7E-05	-1.6E-02	5.5E-01	1.3E-04
6.01	rs3757354	MYLIP	6	16235386	8.1E-02	3.2E-03	2.5E-03	6.1E-02	2.5E-02	1.4E-03	5.3E-02	5.7E-02	1.0E-03	7.0E-02	3.0E-02	1.8E-03	3.1E-02	3.4E-01	3.4E-04
6.02	rs1800562	HFE	6	26201120	-1.1E-03	9.8E-01	1.8E-07	-3.1E-02	4.8E-01	1.4E-04	-4.8E-02	2.8E-01	3.3E-04	-1.1E-02	8.2E-01	1.9E-05	-5.7E-03	9.1E-01	5.0E-06
6.03	rs3177928	HLA	6	32520413	-2.1E-02	5.2E-01	1.2E-04	-3.0E-02	3.6E-01	2.4E-04	-8.1E-03	8.1E-01	1.7E-05	4.8E-03	9.0E-01	6.2E-06	5.7E-02	1.4E-01	8.4E-04
6.04	rs2814982	C6orf106	6	34654538	2.5E-02	5.1E-01	1.2E-04	3.6E-02	3.5E-01	2.5E-04	-5.6E-03	8.8E-01	6.1E-06	4.8E-02	2.8E-01	4.4E-04	3.5E-02	4.4E-01	2.3E-04
6.05	rs2758886	KCNK17	6	39358815	1.9E-02	4.5E-01	1.6E-04	2.8E-02	2.7E-01	3.5E-04	2.7E-02	2.9E-01	3.2E-04	2.1E-02	4.7E-01	2.0E-04	-2.4E-02	4.2E-01	2.5E-04
6.06	rs998584	VEGFA	6	43865874	6.7E-03	7.7E-01	2.4E-05	1.8E-02	4.2E-01	1.8E-04	2.0E-02	3.9E-01	2.2E-04	-2.3E-03	9.3E-01	2.6E-06	9.0E-02	8.9E-04	4.2E-03
6.07	rs9488822	FRK	6	116419586	-5.3E-03	8.2E-01	1.4E-05	-1.0E-02	6.6E-01	5.5E-05	1.0E-02	6.6E-01	5.4E-05	4.6E-03	8.7E-01	1.1E-05	2.0E-03	9.4E-01	2.0E-06
6.08	rs1936800	RSPO3	6	127477757	3.9E-02	9.6E-02	7.9E-04	1.8E-02	4.3E-01	1.7E-04	1.9E-03	9.4E-01	1.8E-06	-2.5E-02	3.6E-01	3.0E-04	-2.5E-02	3.5E-01	3.0E-04
6.09	rs9376090	HBS1L	6	135452921	-3.6E-02	1.8E-01	5.2E-04	-1.9E-02	4.7E-01	1.5E-04	-2.5E-02	3.5E-01	2.5E-04	-2.4E-02	4.4E-01	2.2E-04	8.8E-03	7.8E-01	3.1E-05
6.10	rs605066	CITED2	6	139871359	-4.8E-02	3.9E-02	1.2E-03	-4.8E-02	4.0E-02	1.2E-03	-3.8E-02	1.1E-01	7.4E-04	-1.9E-02	4.7E-01	1.9E-04	-7.6E-03	7.8E-01	3.0E-05
6.11	rs1564348	LPA	6	160498850	5.9E-02	7.1E-02	9.3E-04	5.9E-02	7.0E-02	9.3E-04	2.3E-02	4.8E-01	1.4E-04	2.8E-02	4.6E-01	2.1E-04	-4.6E-02	2.3E-01	5.6E-04
6.12	rs10455872	LPA - delta	6	160930108	4.2E-01	3.6E-17	2.0E-02	3.9E-01	2.5E-15	1.8E-02	4.4E-01	3.6E-18	2.1E-02	3.0E-01	1.1E-07	1.0E-02	6.1E-02	2.9E-01	4.3E-04
7.01	rs1997243	GPR146	7	1050303	-3.0E-03	9.2E-01	2.5E-06	-3.1E-02	3.2E-01	2.8E-04	-1.6E-02	6.1E-01	7.5E-05	-4.1E-02	2.5E-01	4.8E-04	-2.5E-02	5.0E-01	1.7E-04
7.02	rs702485	DAGLB	7	6415797	4.8E-03	8.4E-01	1.2E-05	1.3E-02	5.8E-01	8.8E-05	9.9E-03	6.7E-01	5.1E-05	4.0E-03	8.8E-01	8.4E-06	2.2E-02	4.2E-01	2.4E-04
7.03	rs4142995	SNX13	7	17885783	-1.6E-02	5.0E-01	1.3E-04	-8.4E-03	7.2E-01	3.7E-05	-6.6E-03	7.8E-01	2.2E-05	-1.4E-02	6.0E-01	1.0E-04	-3.7E-02	1.9E-01	6.6E-04
7.04	rs2285942	DNAH11	7	21549442	-6.5E-02	5.2E-02	1.1E-03	-6.1E-02	6.9E-02	9.4E-04	-5.6E-02	9.9E-02	7.8E-04	-2.7E-02	4.9E-01	1.7E-04	-3.4E-03	9.3E-01	2.8E-06
7.05	rs4722551	MIR148A	7	25958351	1.6E-02	6.2E-01	7.0E-05	-4.6E-03	8.8E-01	6.0E-06	7.1E-03	8.3E-01	1.4E-05	-1.5E-02	6.7E-01	6.6E-05	1.7E-02	6.5E-01	7.9E-05
7.06	rs2072183	NPC1L1	7	44545705	-9.4E-03	7.5E-01	2.9E-05	6.1E-04	9.8E-01	1.2E-07	1.4E-02	6.3E-01	6.6E-05	-9.7E-03	7.8E-01	3.0E-05	-2.4E-02	4.9E-01	1.8E-04
7.07	rs4917014	IKZF1	7	50276409	-2.5E-02	3.1E-01	2.9E-04	-2.1E-02	4.1E-01	2.0E-04	-3.3E-02	2.0E-01	4.8E-04	5.4E-03	8.5E-01	1.3E-05	-4.1E-02	1.6E-01	7.4E-04
7.08	rs7811265	MLXIPL	7	72572446	4.5E-02	1.2E-01	7.1E-04	1.5E-02	6.1E-01	7.4E-05	5.4E-03	8.5E-01	9.6E-06	1.9E-02	5.8E-01	1.2E-04	-2.2E-02	5.0E-01	1.7E-04
7.09	rs38855	MET	7	116145280	7.6E-03	7.4E-01	3.1E-05	1.7E-02	4.7E-01	1.5E-04	4.8E-03	8.4E-01	1.2E-05	-2.2E-02	4.2E-01	2.5E-04	3.3E-02	2.3E-01	5.6E-04
7.10	rs4731702	KLF14	7	130083924	2.1E-02	3.7E-01	2.2E-04	1.1E-02	6.4E-01	6.3E-05	1.9E-02	4.3E-01	1.8E-04	2.6E-02	3.3E-01	3.6E-04	1.7E-02	5.3E-01	1.5E-04
7.11	rs17173637	TMEM176A	7	150160382	6.0E-03	8.8E-01	6.1E-06	2.8E-02	5.0E-01	1.3E-04	3.1E-02	4.5E-01	1.6E-04	6.6E-02	1.7E-01	7.1E-04	-7.3E-02	1.3E-01	8.8E-04
8.01	rs9987289	PPP1R3B	8	9220768	-6.0E-03	8.8E-01	6.3E-06	-2.5E-02	5.3E-01	1.1E-04	-4.5E-02	2.8E-01	3.4E-04	-5.1E-02	2.7E-01	4.5E-04	3.5E-02	4.5E-01	2.2E-04
8.02	rs11776767	PINX1	8	10721339	-1.7E-02	4.8E-01	1.4E-04	-1.6E-02	5.0E-01	1.3E-04	-2.9E-02	2.4E-01	4.0E-04	-1.4E-02	6.0E-01	1.0E-04	2.6E-02	3.5E-01	3.4E-04
8.03	rs1495743	NAT2	8	18317580	-1.4E-02	6.3E-01	6.8E-05	-1.8E-02	5.2E-01	1.2E-04	-8.7E-03	7.6E-01	2.7E-05	6.5E-04	9.8E-01	1.5E-07	1.1E-02	7.3E-01	4.4E-05
8.04	rs12678919	LPL	8	19888502	6.2E-05	1.0E+00	7.2E-10	-5.0E-03	9.0E-01	4.6E-06	1.1E-02	7.8E-01	2.2E-05	3.9E-04	9.9E-01	2.8E-08	-7.0E-02	1.2E-01	9.2E-04
8.05	rs10102164	SOX17	8	55584167	5.9E-03	8.4E-01	1.2E-05	1.3E-02	6.5E-01	6.0E-05	1.2E-04	1.0E+00	4.7E-09	-3.2E-02	3.5E-01	3.3E-04	2.4E-02	4.8E-01	1.9E-04
8.06	rs1030431	CYP7A1	8	59474251	-2.6E-02	3.0E-01	3.1E-04	-2.3E-02	3.6E-01	2.3E-04	-1.5E-02	5.5E-01	1.0E-04	3.2E-03	9.1E-01	4.6E-06	1.5E-02	6.1E-01	1.0E-04
8.07	rs2293889	TRPS1	8	116668374	5.7E-02	1.4E-02	1.7E-03	6.9E-02	3.0E-03	2.5E-03	7.6E-02	1.2E-03	3.0E-03	2.6E-02	3.3E-01	3.5E-04	1.4E-02	6.1E-01	1.0E-04
8.08	rs2954029	TRIB1	8	126560154	4.3E-03	8.5E-01	9.6E-06	-5.5E-03	8.1E-01	1.6E-05	8.9E-03	7.1E-01	4.1E-05	2.1E-02	4.4E-01	2.2E-04	-4.0E-02	1.4E-01	8.3E-04
8.09	rs11136341	PLEC1	8	145115531	-3.9E-04	9.9E-01	7.0E-08	2.7E-03	9.1E-01	3.4E-06	-8.9E-03	7.2E-01	3.6E-05	3.5E-03	9.0E-01	5.8E-06	-1.5E-02	5.9E-01	1.1E-04
9.01	rs3780181	VLDLR	9	2630759	1.9E-02	6.9E-01	4.7E-05	1.2E-03	9.8E-01	1.8E-07	1.4E-02	7.7E-01	2.5E-05	7.0E-02	2.0E-01	6.2E-04	7.3E-03	8.9E-01	6.7E-06
9.02	rs643531	TTC39B	9	15286034	3.9E-02	2.5E-01	3.8E-04	2.3E-02	4.9E-01	1.3E-04	3.8E-02	2.7E-01	3.5E-04	6.4E-02	1.0E-01	1.0E-03	-7.4E-02	6.2E-02	1.3E-03
9.03	rs1883025	ABCA1	9	106704122	-1.6E-02	5.4E-01	1.1E-04	-1.0E-02	7.0E-01	4.3E-05	2.8E-03	9.1E-01	3.3E-06	-4.5E-03	8.8E-01	8.5E-06	-1.9E-02	5.3E-01	1.5E-04
9.04	rs649129	ABO	9	135144125	5.9E-02	4.2E-02	1.2E-03	4.8E-02	1.0E-01	7.6E-04	3.8E-02	2.0E-01	4.7E-04	6.3E-03	8.5E-01	1.3E-05	-3.2E-02	3.6E-01	3.2E-04
10.01	rs1832007	AKR1C4	10	5244847	-8.2E-02	1.2E-02	1.8E-03	-5.4E-02	9.6E-02	7.8E-04	-5.4E-02	1.0E-01	7.6E-04	2.2E-02	5.6E-01	1.3E-04	-2.4E-02	5.3E-01	1.5E-04
10.02	rs10904908	TRDMT1	10	17300296	-1.7E-02	4.7E-01	1.5E-04	-2.7E-02	2.4E-01	3.9E-04	-2.9E-02	2.2E-01	4.4E-04	-8.0E-03	7.7E-01	3.2E-05	-3.6E-02	1.9E-01	6.5E-04
10.03	rs970548	MARCH8-ALOX5	10	45333283	3.7E-02	1.5E-01	5.9E-04	3.5E-02	1.8E-01	5.2E-04	1.5E-02	5.6E-01	9.8E-05	6.1E-03	8.4E-01	1.5E-05	1.4E-02	6.6E-01	7.6E-05
10.04	rs10761731	JMJD1C	10	64697616	-2.1E-02	3.7E-01	2.3E-04	-2.0E-02	3.9E-01	2.1E-04	-1.8E-02	4.5E-01	1.6E-04	5.6E-03	8.4E-01	1.6E-05	-1.3E-02	6.4E-01	8.6E-05

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
10.05	rs2068888	<i>CYP26A1</i>	10	94829632	-2.1E-02	3.7E-01	2.3E-04	-1.4E-02	5.5E-01	1.0E-04	1.3E-02	5.9E-01	8.3E-05	-4.5E-03	8.7E-01	1.1E-05	4.5E-03	8.7E-01	1.1E-05
10.06	rs2255141	<i>GPAM</i>	10	113923876	5.2E-02	4.4E-02	1.2E-03	4.2E-02	1.0E-01	7.6E-04	4.9E-02	6.2E-02	1.0E-03	1.9E-02	5.2E-01	1.5E-04	9.3E-03	7.6E-01	3.6E-05
11.01	rs2923084	<i>AMPD3</i>	11	10345358	2.1E-02	5.0E-01	1.3E-04	3.9E-02	1.9E-01	4.9E-04	4.1E-02	1.8E-01	5.1E-04	7.9E-02	2.5E-02	1.9E-03	1.9E-02	5.9E-01	1.1E-04
11.02	rs10832963	<i>SPTY2D1</i>	11	18620817	2.3E-02	3.8E-01	2.2E-04	2.7E-02	3.0E-01	3.1E-04	4.6E-02	8.4E-02	8.6E-04	4.3E-02	1.6E-01	7.2E-04	-1.7E-03	9.6E-01	1.1E-06
11.03	rs3136441	<i>LRP4</i>	11	46699823	-1.2E-02	7.3E-01	3.5E-05	-2.5E-03	9.4E-01	1.6E-06	9.4E-03	7.8E-01	2.2E-05	8.9E-03	8.2E-01	2.0E-05	-6.4E-03	8.7E-01	1.0E-05
11.04	rs11246602	<i>OR4C46</i>	11	51368666	4.5E-02	2.1E-01	4.7E-04	2.5E-02	4.7E-01	1.5E-04	7.3E-02	4.4E-02	1.2E-03	4.0E-02	3.4E-01	3.4E-04	-5.4E-02	2.1E-01	6.2E-04
11.05	rs174546	<i>FADS123</i>	11	61326406	3.9E-02	1.1E-01	7.3E-04	5.9E-02	1.5E-02	1.7E-03	5.2E-02	3.5E-02	1.3E-03	4.0E-02	1.6E-01	7.4E-04	-4.7E-03	8.7E-01	1.0E-05
11.06	rs12801636	<i>KAT5</i>	11	65147893	-1.9E-02	4.9E-01	1.3E-04	-2.9E-02	3.0E-01	3.1E-04	-5.5E-03	8.5E-01	1.1E-05	-2.9E-02	3.7E-01	3.0E-04	-4.4E-02	1.8E-01	6.8E-04
11.07	rs499974	<i>MOGAT2-DGAT2</i>	11	75132669	-3.4E-02	2.8E-01	3.4E-04	-3.5E-02	2.7E-01	3.5E-04	-3.9E-02	2.2E-01	4.3E-04	-1.4E-02	7.1E-01	5.2E-05	-8.0E-03	8.3E-01	1.8E-05
11.08	rs964184	<i>APOA1C3A4A5</i>	11	116154127	8.7E-03	8.0E-01	1.8E-05	2.9E-02	4.1E-01	1.9E-04	2.3E-02	5.1E-01	1.2E-04	-2.3E-02	5.7E-01	1.2E-04	1.7E-01	4.7E-05	6.3E-03
11.09	rs11603023	<i>PHLDB1</i>	11	117991277	2.5E-02	2.9E-01	3.3E-04	1.1E-02	6.4E-01	6.2E-05	-1.1E-02	6.5E-01	6.0E-05	1.7E-02	5.4E-01	1.4E-04	-1.7E-03	9.5E-01	1.4E-06
11.10	rs7941030	<i>UBASH3B</i>	11	122027585	1.7E-03	9.4E-01	1.5E-06	9.9E-03	6.8E-01	4.9E-05	1.4E-02	5.6E-01	1.0E-04	3.6E-02	1.9E-01	6.4E-04	1.8E-02	5.1E-01	1.6E-04
11.11	rs11220462	<i>ST3GAL4</i>	11	125749162	9.1E-02	1.1E-02	1.8E-03	8.0E-02	2.4E-02	1.4E-03	7.2E-02	4.8E-02	1.1E-03	6.0E-02	1.6E-01	7.4E-04	5.7E-04	9.9E-01	6.8E-08
12.01	rs4883201	<i>PHC1-A2ML1</i>	12	8973848	1.7E-02	6.6E-01	5.4E-05	3.5E-02	3.6E-01	2.4E-04	7.2E-03	8.5E-01	9.8E-06	-3.8E-02	3.9E-01	2.7E-04	-1.7E-02	7.1E-01	5.3E-05
12.02	rs1734375	<i>PDE3A</i>	12	20365025	-5.5E-02	2.1E-02	1.5E-03	-5.4E-02	2.1E-02	1.5E-03	-4.8E-02	4.7E-02	1.1E-03	-3.3E-02	2.2E-01	5.6E-04	1.8E-02	5.0E-01	1.7E-04
12.03	rs12317268	<i>SLCO1B1 - delta</i>	12	21243808	1.3E-01	6.5E-05	4.5E-03	1.4E-01	1.3E-05	5.4E-03	1.4E-01	1.5E-05	5.4E-03	7.5E-02	3.8E-02	1.6E-03	8.6E-02	1.9E-02	2.1E-03
12.04	rs11613352	<i>LRP1</i>	12	56078847	1.4E-02	6.0E-01	7.8E-05	9.3E-04	9.7E-01	3.2E-07	1.7E-02	5.5E-01	1.0E-04	2.8E-02	3.7E-01	2.9E-04	-8.0E-03	8.1E-01	2.3E-05
12.05	rs7134594	<i>MVK</i>	12	108484576	2.8E-02	2.4E-01	3.9E-04	3.2E-03	8.9E-01	5.3E-06	1.5E-02	5.2E-01	1.2E-04	1.8E-02	5.1E-01	1.6E-04	4.2E-02	1.3E-01	8.9E-04
12.06	rs11065987	<i>BRAP</i>	12	110556807	3.5E-03	8.8E-01	6.5E-06	-1.7E-02	4.8E-01	1.4E-04	-1.7E-02	4.7E-01	1.5E-04	-1.0E-02	7.1E-01	5.2E-05	-2.5E-03	9.3E-01	3.0E-06
12.07	rs1169288	<i>HNF1A</i>	12	119901033	1.7E-02	5.1E-01	1.2E-04	1.2E-02	6.5E-01	5.8E-05	-6.2E-03	8.1E-01	1.6E-05	-2.0E-03	9.5E-01	1.6E-06	1.8E-02	5.7E-01	1.3E-04
12.08	rs4759375	<i>SBNO1</i>	12	122362191	8.1E-02	4.1E-02	1.2E-03	6.2E-02	1.2E-01	6.8E-04	7.4E-02	6.9E-02	9.5E-04	9.9E-02	3.4E-02	1.7E-03	1.2E-02	8.0E-01	2.5E-05
12.09	rs4765127	<i>ZNF664</i>	12	123026120	3.2E-02	1.8E-01	5.0E-04	2.9E-02	2.4E-01	4.0E-04	3.2E-02	1.9E-01	4.9E-04	4.3E-02	1.3E-01	8.7E-04	1.9E-02	5.0E-01	1.7E-04
12.10	rs838880	<i>SCARB1</i>	12	123827546	-3.9E-02	1.2E-01	6.9E-04	-3.3E-02	1.8E-01	5.1E-04	-4.6E-02	6.9E-02	9.5E-04	-2.2E-02	4.4E-01	2.2E-04	-2.3E-02	4.3E-01	2.4E-04
13.01	rs4942486	<i>BRCA2</i>	13	31851388	2.1E-02	3.7E-01	2.3E-04	1.5E-02	5.0E-01	1.3E-04	1.6E-02	5.0E-01	1.3E-04	-1.9E-02	4.9E-01	1.8E-04	9.2E-03	7.4E-01	4.4E-05
14.01	rs2332328	<i>NYNRIN</i>	14	23952898	-3.1E-02	1.8E-01	5.1E-04	-2.0E-02	3.8E-01	2.2E-04	-2.7E-02	2.6E-01	3.7E-04	5.7E-03	8.3E-01	1.7E-05	-3.9E-02	1.5E-01	8.0E-04
14.02	rs4983559	<i>ZBTB42-AKT1</i>	14	104348254	-2.6E-02	2.9E-01	3.2E-04	-2.0E-02	4.1E-01	2.0E-04	-2.0E-02	4.2E-01	1.9E-04	2.2E-02	4.2E-01	2.4E-04	-2.7E-02	3.3E-01	3.6E-04
15.01	rs8035382	<i>FRMD5</i>	15	42031815	-4.7E-02	3.9E-01	2.1E-04	-4.3E-02	4.3E-01	1.7E-04	-4.2E-02	4.5E-01	1.7E-04	-6.3E-02	3.2E-01	3.7E-04	4.0E-02	5.4E-01	1.4E-04
15.02	rs1532085	<i>LIPC</i>	15	56470658	8.1E-03	7.3E-01	3.3E-05	-8.1E-03	7.3E-01	3.3E-05	-9.9E-03	6.8E-01	4.7E-05	3.0E-02	2.8E-01	4.4E-04	-4.1E-02	1.5E-01	7.9E-04
15.03	rs2652834	<i>LACTB</i>	15	61183920	1.2E-02	6.8E-01	4.9E-05	9.0E-03	7.6E-01	2.8E-05	-1.9E-02	5.1E-01	1.3E-04	3.4E-02	3.1E-01	3.9E-04	-3.9E-03	9.1E-01	5.3E-06
16.01	rs3198697	<i>PDXDC1</i>	16	15037441	1.7E-02	4.7E-01	1.5E-04	-1.6E-03	9.5E-01	1.3E-06	-1.7E-04	9.9E-01	1.5E-08	2.0E-02	4.5E-01	2.1E-04	-2.8E-02	3.1E-01	3.9E-04
16.02	rs11649653	<i>CTF1</i>	16	30825988	-1.3E-02	5.9E-01	8.1E-05	-1.7E-02	4.8E-01	1.4E-04	-4.4E-02	6.8E-02	9.6E-04	-4.2E-02	1.2E-01	8.8E-04	-3.5E-02	2.1E-01	6.1E-04
16.03	rs1121980	<i>FTO</i>	16	52366748	-2.2E-02	3.6E-01	2.4E-04	-2.7E-02	2.4E-01	3.9E-04	-2.0E-02	3.9E-01	2.1E-04	-2.0E-02	4.5E-01	2.1E-04	2.6E-02	3.5E-01	3.4E-04
16.04	rs3764261	<i>CETP</i>	16	55550825	-1.2E-02	6.4E-01	6.3E-05	-1.1E-02	6.5E-01	5.8E-05	1.1E-02	6.5E-01	5.9E-05	-2.7E-02	3.4E-01	3.3E-04	-1.1E-01	1.3E-04	5.6E-03
16.05	rs16942887	<i>LCAT</i>	16	66485543	4.1E-02	2.4E-01	3.9E-04	3.1E-02	3.8E-01	2.2E-04	7.1E-02	4.9E-02	1.1E-03	4.4E-02	2.9E-01	4.1E-04	5.5E-04	9.9E-01	6.6E-08
16.06	rs2000999	<i>HPR</i>	16	70665594	2.6E-02	3.9E-01	2.1E-04	3.1E-02	3.2E-01	2.9E-04	1.7E-02	5.8E-01	8.6E-05	5.4E-02	1.3E-01	8.6E-04	-4.3E-02	2.3E-01	5.6E-04
16.07	rs2925979	<i>CMIP</i>	16	80092291	-1.7E-02	5.0E-01	1.3E-04	-1.5E-02	5.6E-01	9.6E-05	-4.0E-02	1.2E-01	6.9E-04	1.5E-02	6.0E-01	9.9E-05	3.3E-02	2.7E-01	4.7E-04
17.01	rs314253	<i>DLG4</i>	17	7032374	-2.2E-02	3.6E-01	2.4E-04	-8.3E-03	7.3E-01	3.3E-05	-2.3E-02	3.6E-01	2.5E-04	-1.4E-03	9.6E-01	9.8E-07	2.2E-02	4.3E-01	2.4E-04
17.02	rs881844	<i>STARD3</i>	17	35063744	-4.0E-04	9.9E-01	7.8E-08	-1.1E-03	9.6E-01	6.2E-07	6.4E-03	8.0E-01	1.9E-05	2.4E-02	4.1E-01	2.6E-04	1.7E-02	5.5E-01	1.4E-04
17.03	rs8077889	<i>MPP3</i>	17	39233692	1.2E-02	6.8E-01	5.0E-05	4.2E-02	1.4E-01	6.3E-04	2.6E-02	3.6E-01	2.4E-04	-1.2E-02	7.1E-01	5.2E-05	-4.3E-02	1.9E-01	6.5E-04
17.04	rs7225700	<i>OSBPL7</i>	17	42746803	-5.7E-03	8.1E-01	1.6E-05	-2.0E-02	4.2E-01	1.9E-04	-2.3E-02	3.5E-01	2.5E-04	-1.2E-02	6.8E-01	6.5E-05	-1.8E-02	5.2E-01	1.6E-04
17.05	rs1801689	<i>APOH-PRXCA</i>	17	61641042	1.3E-01	4.7E-02	1.1E-03	1.0E-01	1.3E-01	6.5E-04	4.8E-02	4.8E-01	1.4E-04	1.1E-01	1.6E-01	7.3E-04	-8.0E-02	3.2E-01	3.8E-04
17.06	rs4148008	<i>ABCA8</i>	17	64386889	5.2E-02	4.0E-02	1.2E-03	1.7E-02	4.9E-01	1.4E-04	2.0E-02	4.4E-01	1.7E-04	-8.2E-03	7.8E-01	2.9E-05	3.3E-02	2.7E-01	4.7E-04
17.07	rs4082919	<i>PGS1</i>	17	73889077	2.0E-02	3.9E-01	2.1E-04	2.2E-02	3.4E-01	2.6E-04	-8.4E-04	9.7E-01	3.7E-07	6.6E-04	9.8E-01	2.2E-07	-5.1E-02	6.3E-02	1.3E-03
18.01	rs7241918	<i>LIPG</i>	18	45414951	5.7E-02	6.3E-02	9.9E-04	5.9E-02	5.2E-02	1.1E-03	2.0E-02	5.2E-01	1.2E-04	4.0E-02	2.6E-01	4.8E-04	-1.7E-03	9.6E-01	8.9E-07
18.02	rs12967135	<i>MC4R</i>	18	56000003	-2.4E-02	3.9E-01	2.1E-04	-1.3E-02	6.3E-01	6.6E-05	-2.5E-02	3.8E-01	2.2E-04	-2.0E-02	5.3E-01	1.5E-04	-7.0E-02	3.0E-02	1.8E-03
19.01	rs7248104	<i>INSR</i>	19	7175431	-3.9E-02	1.0E-01	7.7E-04	-2.0E-02	4.1E-01	2.0E-04	-4.3E-02	7.2E-02	9.3E-04	-2.3E-02	4.1E-01	2.5E-04	3.5E-03	9.0E-01	6.0E-06
19.02	rs7255436	<i>ANGPTLA</i>	19	8339196	1.3E-02	5.8E-01	8.6E-05	2.8E-02	2.2E-01	4.3E-04	3.2E-02	1.7E-01	5.3E-04	-3.0E-02	2.5E-01	4.9E-04	2.4E-02	3.7E-01	3.1E-04
19.03	rs11672123	<i>LDLR - delta</i>	19	11055823	8.8E-02	1.1E-01	7.5E-04	7.5E-02	1.7E-01	5.4E-04	8.1E-02	1.4E-01	6.3E-04	6.4E-02	3.0E-01	3.9E-04	-9.9E-02	1.2E-01	9.5E-04

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
19.04	rs6511720	<i>LDLR</i>	19	11063306	-7.1E-02	2.7E-02	1.4E-03	-4.1E-02	2.0E-01	4.7E-04	-3.0E-02	3.5E-01	2.5E-04	-4.9E-02	1.8E-01	6.6E-04	-3.2E-02	3.9E-01	2.8E-04
19.05	rs737337	<i>LOC55908</i>	19	11208493	-4.1E-02	3.4E-01	2.7E-04	-3.5E-02	4.2E-01	1.9E-04	-5.2E-02	2.3E-01	4.2E-04	-8.7E-02	8.2E-02	1.1E-03	-7.3E-03	8.8E-01	8.0E-06
19.06	rs10401969	<i>CILP2</i>	19	19268718	4.3E-02	2.9E-01	3.2E-04	6.3E-02	1.3E-01	6.7E-04	1.6E-01	1.5E-04	4.1E-03	1.2E-01	1.2E-02	2.3E-03	-3.4E-02	4.7E-01	2.0E-04
19.07	rs731839	<i>PEPD</i>	19	38590905	1.8E-02	4.6E-01	1.6E-04	1.9E-02	4.4E-01	1.7E-04	-4.9E-03	8.4E-01	1.1E-05	2.4E-02	3.9E-01	2.7E-04	-1.3E-02	6.4E-01	8.1E-05
19.08	rs7412	<i>APOE - delta</i>	19	50103919	-2.8E-01	3.4E-16	1.9E-02	-2.1E-01	3.8E-10	1.1E-02	-1.6E-01	2.3E-06	6.4E-03	-1.4E-01	5.2E-04	4.5E-03	6.0E-02	1.4E-01	8.1E-04
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	1.1E-01	1.9E-03	2.7E-03	9.7E-02	6.8E-03	2.1E-03	3.5E-02	3.4E-01	2.6E-04	-7.5E-03	8.6E-01	1.2E-05	4.9E-02	2.5E-01	5.1E-04
19.10	rs492602	<i>FLJ36070</i>	19	53898229	1.6E-02	4.8E-01	1.4E-04	1.6E-02	4.8E-01	1.4E-04	2.4E-02	3.0E-01	3.1E-04	2.0E-02	4.5E-01	2.1E-04	3.2E-02	2.4E-01	5.2E-04
19.11	rs17695224	<i>HAS1</i>	19	57016028	1.2E-03	9.6E-01	6.8E-07	2.7E-02	3.0E-01	3.1E-04	6.6E-03	8.0E-01	1.8E-05	9.1E-03	7.5E-01	3.6E-05	-2.8E-02	3.4E-01	3.4E-04
19.12	rs386000	<i>LILRA3</i>	19	59484573	2.4E-03	9.3E-01	2.2E-06	1.2E-02	6.6E-01	5.4E-05	4.3E-02	1.3E-01	6.6E-04	2.4E-02	4.7E-01	2.0E-04	-1.6E-02	6.2E-01	9.5E-05
20.01	rs364585	<i>SPTLC3</i>	20	12910718	-3.3E-02	1.7E-01	5.5E-04	-2.7E-02	2.5E-01	3.7E-04	-3.8E-02	1.2E-01	7.1E-04	-2.0E-02	4.6E-01	2.0E-04	1.0E-02	7.1E-01	5.1E-05
20.02	rs2328223	<i>SNX5</i>	20	17793921	3.1E-03	9.2E-01	3.0E-06	1.6E-02	5.9E-01	8.4E-05	4.8E-03	8.8E-01	7.0E-06	3.1E-02	3.7E-01	3.0E-04	4.8E-02	1.7E-01	7.2E-04
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	-2.4E-02	4.7E-01	1.5E-04	-3.0E-02	3.5E-01	2.5E-04	-4.6E-02	1.6E-01	5.7E-04	-8.0E-02	3.2E-02	1.7E-03	7.1E-02	6.1E-02	1.3E-03
20.04	rs2902940	<i>MAFB</i>	20	38524901	-9.3E-04	9.7E-01	3.7E-07	-2.4E-03	9.2E-01	2.6E-06	-1.1E-02	6.9E-01	4.7E-05	-1.4E-03	9.6E-01	8.0E-07	-3.5E-02	2.5E-01	5.1E-04
20.05	rs909802	<i>TOP1</i>	20	39370229	3.3E-03	8.9E-01	5.7E-06	7.1E-03	7.6E-01	2.6E-05	-1.8E-02	4.5E-01	1.6E-04	-3.0E-02	2.6E-01	4.7E-04	-3.8E-03	8.9E-01	7.2E-06
20.06	rs1800961	<i>HNF4A</i>	20	42475778	6.6E-03	9.3E-01	2.5E-06	-2.7E-02	7.0E-01	4.2E-05	-2.4E-02	7.4E-01	3.3E-05	-6.9E-02	4.1E-01	2.6E-04	1.2E-02	8.9E-01	7.7E-06
20.07	rs6065906	<i>PLTP</i>	20	43987422	-3.6E-02	2.3E-01	4.1E-04	-4.7E-02	1.2E-01	6.9E-04	-5.8E-02	6.0E-02	1.0E-03	-5.5E-02	1.2E-01	9.2E-04	-1.7E-02	6.3E-01	8.8E-05
22.01	rs181362	<i>UBE2L3</i>	22	20262068	9.7E-03	7.4E-01	3.1E-05	2.3E-02	4.2E-01	1.8E-04	3.7E-02	2.1E-01	4.5E-04	2.2E-02	5.1E-01	1.6E-04	-1.3E-03	9.7E-01	5.6E-07
22.02	rs5763662	<i>MTMR3</i>	22	28708703	-6.5E-02	3.7E-01	2.3E-04	-4.6E-02	5.3E-01	1.1E-04	-1.1E-01	1.3E-01	6.4E-04	-3.6E-02	6.8E-01	6.4E-05	7.3E-02	4.0E-01	2.6E-04
22.03	rs138777	<i>TOM1</i>	22	34041098	1.8E-02	4.6E-01	1.6E-04	4.0E-02	1.0E-01	7.7E-04	1.7E-02	5.0E-01	1.3E-04	3.5E-02	2.2E-01	5.6E-04	6.4E-03	8.2E-01	1.9E-05
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	-7.4E-03	7.6E-01	2.7E-05	-1.6E-02	5.2E-01	1.2E-04	-2.4E-02	3.3E-01	2.8E-04	9.6E-03	7.3E-01	4.5E-05	-2.9E-02	2.9E-01	4.2E-04
22.05	rs4253772	<i>PPARA</i>	22	45006267		7.6E-01	2.6E-05		4.8E-01	1.4E-04		7.4E-01	3.2E-05		2.2E-01	5.7E-04		1.9E-01	6.6E-04

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

R²: variance explained by SNP

Supplemental Table 6c: Association results for index variants in each candidate region tested and association with absolute change in LDL-C, non-HDL-C, apo B, LDL-P and LDL-size among the placebo allocated arm only.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
1.01	rs1077514	<i>ASAP3</i>	1	23638820	5.5E-03	8.7E-01	7.8E-06	-4.5E-03	8.9E-01	5.3E-06	-2.7E-02	4.3E-01	1.8E-04	-3.1E-02	4.1E-01	2.3E-04	2.5E-02	5.1E-01	1.5E-04
1.02	rs12027135	<i>LDLRAP1</i>	1	25648320	-1.1E-02	6.6E-01	5.8E-05	-2.5E-03	9.1E-01	3.3E-06	-1.4E-02	5.5E-01	1.0E-04	-1.1E-02	6.8E-01	6.0E-05	-3.5E-02	1.8E-01	6.2E-04
1.03	rs12748152	<i>PIGV-NROB2</i>	1	27010980	-5.1E-02	2.6E-01	3.7E-04	-7.3E-02	1.1E-01	7.5E-04	-2.4E-02	6.0E-01	8.0E-05	-1.5E-02	7.7E-01	3.0E-05	-3.5E-02	4.8E-01	1.7E-04
1.04	rs4660293	<i>PABPC4</i>	1	39800767	-2.8E-03	9.2E-01	2.9E-06	-4.7E-03	8.7E-01	8.3E-06	-4.6E-03	8.7E-01	7.7E-06	3.6E-02	2.4E-01	4.7E-04	-8.8E-03	7.8E-01	2.8E-05
1.05	rs2479409	<i>PCSK9</i>	1	55277238	1.2E-02	6.4E-01	6.3E-05	-2.2E-03	9.3E-01	2.2E-06	2.2E-02	3.8E-01	2.2E-04	5.3E-02	5.6E-02	1.3E-03	5.2E-02	5.8E-02	1.2E-03
1.06	rs17111584	<i>PCSK9 - delta</i>	1	55319284	4.6E-02	4.3E-01	1.8E-04	7.8E-03	8.9E-01	5.4E-06	2.0E-02	7.3E-01	3.5E-05	3.0E-02	6.4E-01	7.6E-05	3.1E-02	6.3E-01	8.0E-05
1.07	rs2131925	<i>ANGPTL3</i>	1	62798530	-1.7E-02	5.0E-01	1.3E-04	-1.6E-02	5.1E-01	1.2E-04	-3.8E-02	1.3E-01	6.6E-04	-3.3E-02	2.3E-01	4.9E-04	7.2E-03	8.0E-01	2.3E-05
1.08	rs7515577	<i>EVIS</i>	1	92782026	2.9E-02	3.2E-01	2.9E-04	1.7E-02	5.5E-01	1.0E-04	5.3E-03	8.6E-01	9.5E-06	4.4E-02	1.7E-01	6.4E-04	-5.3E-02	9.7E-02	9.6E-04
1.09	rs629301	<i>SORT1</i>	1	109619829	-3.2E-02	2.3E-01	4.3E-04	-3.2E-02	2.2E-01	4.2E-04	-1.7E-02	5.3E-01	1.1E-04	-4.3E-02	1.4E-01	7.5E-04	5.3E-02	7.1E-02	1.1E-03
1.10	rs267733	<i>ANXA9-CERS2</i>	1	149225460	-2.4E-02	4.6E-01	1.6E-04	-3.8E-02	2.4E-01	4.0E-04	6.6E-03	8.4E-01	1.2E-05	-6.0E-02	9.7E-02	9.6E-04	-5.1E-02	1.6E-01	6.8E-04
1.11	rs12145743	<i>HMGF-PMVK</i>	1	154967275	2.6E-02	3.0E-01	3.1E-04	3.5E-02	1.6E-01	5.8E-04	9.2E-03	7.1E-01	3.9E-05	4.1E-02	1.4E-01	7.6E-04	-4.3E-04	9.9E-01	8.4E-08
1.12	rs4650994	<i>ANGPTL1</i>	1	176781935	4.9E-02	4.1E-02	1.2E-03	3.9E-02	1.0E-01	7.6E-04	1.3E-02	6.0E-01	7.8E-05	3.2E-03	9.0E-01	5.2E-06	4.7E-02	7.8E-02	1.1E-03
1.13	rs1689800	<i>ZNF648</i>	1	180435508	1.1E-02	6.5E-01	6.0E-05	-4.6E-06	1.0E+00	1.0E-11	-3.3E-02	1.9E-01	5.0E-04	1.8E-02	5.1E-01	1.5E-04	2.1E-02	4.5E-01	2.0E-04
1.14	rs2807834	<i>MOSC1</i>	1	219037216	1.8E-02	4.9E-01	1.4E-04	1.3E-02	6.0E-01	8.1E-05	1.2E-02	6.3E-01	6.7E-05	1.6E-02	5.8E-01	1.1E-04	3.7E-02	1.8E-01	6.1E-04
1.15	rs4846914	<i>GALNT2</i>	1	228362314	-3.6E-03	8.8E-01	6.2E-06	1.3E-02	5.9E-01	8.2E-05	-7.3E-04	9.8E-01	2.5E-07	2.8E-02	2.9E-01	3.8E-04	2.2E-02	4.1E-01	2.4E-04
1.16	rs514230	<i>IRF2BP2</i>	1	232925220	-3.0E-02	2.1E-01	4.5E-04	-1.9E-02	4.2E-01	1.9E-04	-1.9E-02	4.2E-01	1.9E-04	-3.2E-02	2.2E-01	5.3E-04	1.2E-03	9.6E-01	7.2E-07
2.01	rs1367117	<i>APOB</i>	2	21117405	6.5E-02	1.1E-02	1.8E-03	4.8E-02	5.9E-02	1.0E-03	1.6E-02	5.4E-01	1.1E-04	6.5E-02	2.3E-02	1.8E-03	-3.4E-02	2.3E-01	4.9E-04
2.02	rs1260326	<i>GCKR</i>	2	27584444	-8.7E-03	7.2E-01	3.7E-05	-3.9E-02	1.1E-01	7.4E-04	1.1E-02	6.4E-01	6.4E-05	2.2E-02	4.2E-01	2.3E-04	-1.4E-02	6.0E-01	9.3E-05
2.03	rs4299376	<i>ABCG5-8</i>	2	43926080	2.6E-02	3.2E-01	2.9E-04	2.3E-02	3.7E-01	2.3E-04	-1.4E-02	5.9E-01	8.4E-05	9.9E-03	7.3E-01	4.1E-05	-5.8E-02	4.5E-02	1.4E-03
2.04	rs2710642	<i>EHBPI</i>	2	63003061	3.0E-03	9.1E-01	4.1E-06	-1.8E-02	4.7E-01	1.5E-04	-1.4E-02	5.6E-01	9.6E-05	-3.1E-02	2.6E-01	4.4E-04	-1.5E-02	5.9E-01	1.0E-04
2.05	rs10490626	<i>INSIG2</i>	2	118552311	-4.5E-02	2.8E-01	3.4E-04	-3.2E-02	4.4E-01	1.7E-04	-2.7E-02	5.2E-01	1.2E-04	-1.6E-02	7.3E-01	4.0E-05	-2.2E-03	9.6E-01	7.6E-07
2.06	rs2030746	<i>LOC84931</i>	2	121025958	5.4E-02	2.6E-02	1.4E-03	3.5E-02	1.4E-01	6.2E-04	2.8E-02	2.6E-01	3.7E-04	-6.5E-03	8.1E-01	2.0E-05	-6.3E-02	1.9E-02	1.9E-03
2.07	rs6759321	<i>RABGAP1</i>	2	136039146	4.9E-02	6.0E-02	1.0E-03	3.8E-02	1.4E-01	6.2E-04	1.6E-02	5.5E-01	1.0E-04	7.2E-02	1.4E-02	2.1E-03	7.0E-03	8.1E-01	1.9E-05
2.08	rs10195252	<i>COBLL1</i>	2	165221337	1.2E-02	6.2E-01	7.0E-05	2.4E-02	3.2E-01	2.8E-04	2.8E-02	2.5E-01	3.8E-04	1.8E-04	9.9E-01	1.5E-08	5.7E-03	8.3E-01	1.6E-05
2.09	rs2287623	<i>ABCB11</i>	2	169538401	2.2E-02	3.7E-01	2.4E-04	7.3E-03	7.6E-01	2.6E-05	1.4E-03	9.6E-01	8.9E-07	-8.9E-04	9.7E-01	3.7E-07	2.1E-02	4.3E-01	2.2E-04
2.10	rs11694172	<i>FAM117B</i>	2	203240549	3.4E-02	2.1E-01	4.5E-04	4.4E-02	1.0E-01	7.6E-04	1.0E-02	7.1E-01	4.0E-05	3.1E-02	3.0E-01	3.7E-04	2.5E-02	4.1E-01	2.4E-04
2.11	rs1250229	<i>FN1</i>	2	216012629	-1.6E-02	5.6E-01	9.6E-05	-1.7E-02	5.3E-01	1.1E-04	-2.7E-02	3.3E-01	2.8E-04	-3.4E-02	2.5E-01	4.6E-04	-5.2E-03	8.6E-01	1.1E-05
2.12	rs2943645	<i>IRS1</i>	2	226807424	-2.1E-02	3.9E-01	2.1E-04	-2.4E-02	3.2E-01	2.9E-04	-2.7E-02	2.7E-01	3.6E-04	-2.4E-02	3.7E-01	2.8E-04	3.9E-02	1.5E-01	7.1E-04
2.13	rs11563251	<i>UGT1A1</i>	2	234344123	-7.1E-02	7.1E-02	9.5E-04	-6.1E-02	1.1E-01	7.1E-04	-1.9E-02	6.3E-01	6.7E-05	-5.3E-02	2.2E-01	5.3E-04	-3.9E-02	3.7E-01	2.8E-04
3.01	rs2606736	<i>ATG7</i>	3	11375249	6.1E-03	8.0E-01	1.8E-05	-5.6E-03	8.2E-01	1.5E-05	3.0E-03	9.0E-01	4.1E-06	2.3E-02	3.9E-01	2.5E-04	-2.4E-02	3.7E-01	2.8E-04
3.02	rs2290159	<i>RAF1</i>	3	12603920	-5.2E-03	8.5E-01	9.8E-06	-3.1E-02	2.7E-01	3.4E-04	-1.6E-02	5.8E-01	8.9E-05	1.5E-02	6.3E-01	8.2E-05	4.0E-02	2.0E-01	5.7E-04
3.03	rs7640978	<i>CMTM6</i>	3	32508014	5.0E-02	2.2E-01	4.3E-04	3.5E-02	3.9E-01	2.1E-04	2.6E-03	9.5E-01	1.1E-06	-1.7E-02	7.0E-01	5.1E-05	5.0E-02	2.7E-01	4.2E-04
3.04	rs2290547	<i>SETD2</i>	3	47036187	1.5E-02	6.3E-01	6.6E-05	1.4E-02	6.6E-01	5.6E-05	2.2E-02	4.9E-01	1.4E-04	4.0E-02	2.4E-01	4.7E-04	3.4E-03	9.2E-01	3.5E-06
3.05	rs2013208	<i>RBM5</i>	3	50104403	-3.0E-03	9.0E-01	4.7E-06	1.3E-02	5.8E-01	8.9E-05	1.2E-02	6.1E-01	7.3E-05	-8.7E-03	7.3E-01	4.0E-05	-2.6E-02	3.1E-01	3.6E-04
3.06	rs13326165	<i>STAB1</i>	3	52507158	-2.9E-02	3.3E-01	2.8E-04	-6.2E-02	3.6E-02	1.3E-03	-6.0E-02	4.5E-02	1.2E-03	-4.9E-02	1.4E-01	7.7E-04	1.1E-03	9.7E-01	4.2E-07
3.07	rs13315871	<i>PXK</i>	3	58356327	-5.1E-02	2.1E-01	4.5E-04	-9.4E-02	2.2E-02	1.5E-03	-1.7E-02	6.8E-01	4.8E-05	-1.5E-02	7.4E-01	3.7E-05	4.0E-02	3.8E-01	2.7E-04
3.08	rs6805251	<i>GSK3B</i>	3	121043296	-9.8E-03	6.9E-01	4.7E-05	-3.5E-02	1.5E-01	5.9E-04	2.2E-02	3.7E-01	2.3E-04	1.3E-02	6.4E-01	7.5E-05	-3.6E-04	9.9E-01	6.0E-08
3.09	rs17404153	<i>ACAD11</i>	3	133645890	-1.1E-02	7.6E-01	2.8E-05	1.1E-02	7.7E-01	2.6E-05	-4.0E-02	2.7E-01	3.6E-04	-2.7E-02	4.9E-01	1.6E-04	1.8E-02	6.5E-01	7.0E-05
3.10	rs645040	<i>MSL2L1</i>	3	137409312	1.0E-02	7.1E-01	3.9E-05	2.3E-02	4.1E-01	1.9E-04	-9.6E-03	7.4E-01	3.2E-05	2.2E-02	4.8E-01	1.8E-04	4.2E-02	1.8E-01	6.2E-04
4.01	rs6831256	<i>LRPAP1</i>	4	3442937	1.8E-02	4.6E-01	1.6E-04	1.2E-02	6.0E-01	7.7E-05	-4.5E-03	8.5E-01	9.9E-06	1.7E-02	5.2E-01	1.4E-04	6.4E-02	1.7E-02	2.0E-03
4.02	rs10019888	<i>C4orf52</i>	4	25672088	1.0E-02	7.4E-01	3.1E-05	2.9E-02	3.5E-01	2.5E-04	4.2E-02	1.8E-01	5.1E-04	-2.9E-02	4.0E-01	2.5E-04	4.1E-02	2.4E-01	4.8E-04
4.03	rs442177	<i>KLHL8</i>	4	88249285	1.3E-02	5.8E-01	8.8E-05	-9.0E-03	7.1E-01	4.0E-05	-1.5E-02	5.5E-01	1.0E-04	1.2E-02	6.5E-01	6.9E-05	4.8E-02	7.7E-02	1.1E-03
4.04	rs2199936	<i>ABCG2 - delta</i>	4	89264355	5.2E-02	1.7E-01	5.5E-04	4.5E-02	2.3E-01	4.1E-04	1.0E-02	7.8E-01	2.2E-05	-3.0E-02	4.8E-01	1.7E-04	-1.7E-02	6.9E-01	5.7E-05

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
19.04	rs6511720	<i>LDLR</i>	19	11063306	-1.7E-02	6.0E-01	7.9E-05	-6.1E-02	6.7E-02	9.6E-04	2.1E-02	5.4E-01	1.1E-04	4.5E-02	2.2E-01	5.1E-04	-4.9E-02	1.8E-01	6.3E-04
19.05	rs737337	<i>LOC55908</i>	19	11208493	3.4E-02	4.5E-01	1.7E-04	2.9E-03	9.5E-01	1.2E-06	-3.2E-02	4.8E-01	1.4E-04	6.0E-03	9.1E-01	4.9E-06	9.1E-02	6.9E-02	1.2E-03
19.06	rs10401969	<i>CILP2</i>	19	19268718	-1.1E-02	8.0E-01	1.9E-05	2.8E-02	5.1E-01	1.3E-04	2.8E-02	5.1E-01	1.2E-04	4.7E-02	3.1E-01	3.6E-04	-5.3E-02	2.6E-01	4.5E-04
19.07	rs731839	<i>PEPD</i>	19	38590905	1.1E-02	6.5E-01	5.9E-05	-1.0E-03	9.7E-01	4.8E-07	-4.7E-03	8.5E-01	9.9E-06	-1.7E-02	5.4E-01	1.3E-04	-2.3E-02	4.0E-01	2.4E-04
19.08	rs7412	<i>APOE - delta</i>	19	50103919	-8.4E-02	1.9E-02	1.6E-03	-1.2E-01	5.5E-04	3.4E-03	1.4E-02	6.9E-01	4.5E-05	3.4E-02	3.9E-01	2.6E-04	4.3E-02	2.8E-01	4.0E-04
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	3.2E-02	3.7E-01	2.4E-04	4.9E-02	1.7E-01	5.4E-04	-1.0E-02	7.8E-01	2.3E-05	-5.5E-02	1.7E-01	6.7E-04	1.1E-01	7.8E-03	2.5E-03
19.10	rs492602	<i>FLJ36070</i>	19	53898229	-2.9E-02	2.3E-01	4.2E-04	-4.9E-02	4.0E-02	1.2E-03	-5.3E-03	8.3E-01	1.4E-05	-3.8E-03	8.8E-01	7.3E-06	7.8E-03	7.7E-01	3.0E-05
19.11	rs17695224	<i>HAS1</i>	19	57016028	1.8E-02	4.9E-01	1.4E-04	-1.4E-03	9.6E-01	8.0E-07	-1.7E-02	5.2E-01	1.2E-04	6.2E-03	8.3E-01	1.5E-05	-4.7E-02	1.1E-01	9.0E-04
19.12	rs386000	<i>LILRA3</i>	19	59484573	1.6E-02	5.7E-01	9.2E-05	-5.2E-03	8.6E-01	9.5E-06	3.5E-02	2.3E-01	4.2E-04	6.8E-02	3.3E-02	1.6E-03	-1.6E-02	6.1E-01	8.9E-05
20.01	rs364585	<i>SPTLC3</i>	20	12910718	-4.1E-02	9.0E-02	8.3E-04	-4.7E-02	4.8E-02	1.1E-03	-1.2E-02	6.2E-01	7.0E-05	-2.1E-02	4.2E-01	2.2E-04	2.3E-04	9.9E-01	2.5E-08
20.02	rs2328223	<i>SNX5</i>	20	17793921	-1.1E-02	7.1E-01	3.9E-05	-9.4E-03	7.6E-01	2.7E-05	-3.0E-02	3.4E-01	2.7E-04	-1.8E-02	5.9E-01	1.0E-04	2.5E-02	4.6E-01	1.9E-04
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	1.1E-02	7.5E-01	2.9E-05	-4.1E-03	9.0E-01	4.4E-06	1.8E-02	5.9E-01	8.4E-05	4.1E-02	2.8E-01	4.0E-04	-2.4E-03	9.5E-01	1.3E-06
20.04	rs2902940	<i>MAFB</i>	20	38524901	-6.3E-02	1.6E-02	1.7E-03	-4.0E-02	1.3E-01	6.6E-04	-3.3E-02	2.2E-01	4.3E-04	-1.1E-02	7.0E-01	5.3E-05	-6.1E-02	3.7E-02	1.5E-03
20.05	rs909802	<i>TOP1</i>	20	39370229	4.3E-02	7.9E-02	9.0E-04	4.5E-02	6.2E-02	1.0E-03	2.7E-02	2.7E-01	3.5E-04	1.5E-02	5.7E-01	1.1E-04	1.7E-02	5.2E-01	1.4E-04
20.06	rs1800961	<i>HNF4A</i>	20	42475778	5.0E-02	4.8E-01	1.4E-04	-2.5E-03	9.7E-01	3.5E-07	4.6E-02	5.2E-01	1.2E-04	8.0E-02	3.1E-01	3.6E-04	5.2E-02	5.1E-01	1.5E-04
20.07	rs6065906	<i>PLTP</i>	20	43987422	2.4E-02	4.3E-01	1.8E-04	1.1E-02	7.1E-01	3.9E-05	2.9E-02	3.5E-01	2.6E-04	-1.2E-02	7.3E-01	4.1E-05	-6.0E-03	8.6E-01	1.1E-05
22.01	rs181362	<i>UBE2L3</i>	22	20262068	1.5E-02	6.2E-01	7.1E-05	1.6E-02	5.8E-01	8.9E-05	-8.0E-03	7.9E-01	2.1E-05	-3.5E-02	2.9E-01	3.9E-04	2.9E-02	3.7E-01	2.8E-04
22.02	rs5763662	<i>MTMR3</i>	22	28708703	-1.5E-01	5.6E-02	1.1E-03	-1.1E-01	1.5E-01	5.9E-04	-1.4E-01	7.2E-02	9.4E-04	-3.5E-02	6.9E-01	5.6E-05	-4.4E-02	6.2E-01	8.6E-05
22.03	rs138777	<i>TOM1</i>	22	34041098	-2.8E-02	2.7E-01	3.6E-04	-3.0E-02	2.3E-01	4.2E-04	-5.7E-02	2.5E-02	1.4E-03	-3.9E-02	1.7E-01	6.6E-04	-1.6E-02	5.7E-01	1.1E-04
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	1.4E-02	5.7E-01	9.1E-05	3.1E-02	1.9E-01	4.8E-04	4.7E-02	5.5E-02	1.1E-03	2.3E-02	4.0E-01	2.4E-04	-4.2E-02	1.2E-01	8.4E-04
22.05	rs4253772	<i>PPARA</i>	22	45006267	9.4E-02	1.3E-02	1.8E-03	5.7E-02	1.3E-01	6.6E-04	4.8E-02	2.1E-01	4.5E-04	-1.5E-02	7.1E-01	4.8E-05	4.5E-02	2.8E-01	4.1E-04

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

R²: variance explained by SNP

Cluster number	rsID	Locus Name	Chr	Position (hg18)	LDL-C			non-HDL-C			apo B			LDL-P			LDL-size		
					Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²	Beta (q)	P-value	R ²
19.05	rs737337	<i>LOC55908</i>	19	11208493	3.7E-02	4.1E-01	1.9E-04	2.1E-03	9.6E-01	6.5E-07	-2.8E-02	5.4E-01	1.1E-04	-2.9E-03	9.5E-01	1.2E-06	8.9E-02	7.7E-02	1.1E-03
19.06	rs10401969	<i>CILP2</i>	19	19268718	-1.0E-02	8.1E-01	1.8E-05	2.3E-02	5.8E-01	8.7E-05	2.2E-02	6.0E-01	7.8E-05	4.0E-02	3.8E-01	2.6E-04	-5.2E-02	2.6E-01	4.4E-04
19.07	rs731839	<i>PEPD</i>	19	38590905	1.3E-02	6.1E-01	7.7E-05	-4.5E-04	9.9E-01	9.5E-08	-1.8E-03	9.4E-01	1.5E-06	-2.4E-02	4.0E-01	2.5E-04	-2.6E-02	3.6E-01	2.9E-04
19.08	rs7412	<i>APOE - delta</i>	19	50103919	-6.4E-02	7.6E-02	9.1E-04	-1.2E-01	1.0E-03	3.1E-03	-5.2E-03	8.9E-01	5.8E-06	-3.5E-03	9.3E-01	2.8E-06	3.4E-02	4.0E-01	2.4E-04
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	2.6E-02	4.8E-01	1.5E-04	4.9E-02	1.7E-01	5.4E-04	-7.9E-03	8.3E-01	1.4E-05	-4.9E-02	2.2E-01	5.1E-04	1.1E-01	7.2E-03	2.5E-03
19.10	rs492602	<i>FLJ36070</i>	19	53898229	-3.2E-02	1.8E-01	5.2E-04	-4.9E-02	4.0E-02	1.2E-03	-8.5E-03	7.3E-01	3.5E-05	-4.9E-03	8.5E-01	1.2E-05	7.9E-03	7.7E-01	3.1E-05
19.11	rs17695224	<i>HAS1</i>	19	57016028	1.2E-02	6.5E-01	6.1E-05	-2.5E-03	9.3E-01	2.5E-06	-1.8E-02	4.9E-01	1.4E-04	2.5E-03	9.3E-01	2.4E-06	-4.4E-02	1.4E-01	7.7E-04
19.12	rs386000	<i>LILRA3</i>	19	59484573	1.8E-02	5.4E-01	1.1E-04	-5.1E-03	8.6E-01	8.9E-06	3.6E-02	2.1E-01	4.5E-04	6.0E-02	6.0E-02	1.2E-03	-1.7E-02	5.9E-01	1.0E-04
20.01	rs364585	<i>SPTLC3</i>	20	12910718	-4.0E-02	1.0E-01	7.8E-04	-4.7E-02	4.9E-02	1.1E-03	-1.1E-02	6.4E-01	6.2E-05	-2.0E-02	4.6E-01	1.9E-04	2.2E-03	9.3E-01	2.4E-06
20.02	rs2328223	<i>SNX5</i>	20	17793921	-1.1E-02	7.2E-01	3.6E-05	-7.0E-03	8.2E-01	1.5E-05	-2.6E-02	3.9E-01	2.1E-04	-1.4E-02	6.7E-01	6.1E-05	2.4E-02	4.9E-01	1.7E-04
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	6.6E-03	8.5E-01	1.1E-05	-4.6E-03	8.9E-01	5.3E-06	1.4E-02	6.8E-01	5.0E-05	3.7E-02	3.3E-01	3.3E-04	-3.8E-03	9.2E-01	3.5E-06
20.04	rs2902940	<i>MAFB</i>	20	38524901	-5.2E-02	4.9E-02	1.1E-03	-3.0E-02	2.5E-01	3.8E-04	-2.7E-02	3.2E-01	2.9E-04	-1.4E-02	6.2E-01	8.5E-05	-6.1E-02	3.5E-02	1.5E-03
20.05	rs909802	<i>TOP1</i>	20	39370229	4.1E-02	8.9E-02	8.4E-04	4.3E-02	7.7E-02	9.0E-04	2.6E-02	2.9E-01	3.2E-04	1.5E-02	5.9E-01	1.0E-04	1.5E-02	5.8E-01	1.0E-04
20.06	rs1800961	<i>HNF4A</i>	20	42475778	6.6E-02	3.5E-01	2.5E-04	1.8E-02	8.0E-01	1.8E-05	6.1E-02	4.0E-01	2.1E-04	1.0E-01	2.0E-01	5.8E-04	4.6E-02	5.6E-01	1.2E-04
20.07	rs6065906	<i>PLTP</i>	20	43987422	2.4E-02	4.2E-01	1.8E-04	6.9E-03	8.2E-01	1.5E-05	2.7E-02	3.9E-01	2.2E-04	-1.6E-02	6.3E-01	8.1E-05	-9.2E-03	7.9E-01	2.5E-05
22.01	rs181362	<i>UBE2L3</i>	22	20262068	1.4E-02	6.5E-01	6.1E-05	1.8E-02	5.3E-01	1.1E-04	-9.9E-03	7.4E-01	3.2E-05	-3.6E-02	2.7E-01	4.1E-04	2.9E-02	3.8E-01	2.7E-04
22.02	rs5763662	<i>MTMR3</i>	22	28708703	-1.6E-01	4.0E-02	1.2E-03	-1.3E-01	9.9E-02	7.8E-04	-1.4E-01	7.1E-02	9.4E-04	-3.8E-02	6.7E-01	6.3E-05	-5.4E-02	5.4E-01	1.3E-04
22.03	rs138777	<i>TOM1</i>	22	34041098	-2.9E-02	2.6E-01	3.7E-04	-3.3E-02	2.0E-01	4.8E-04	-5.5E-02	3.3E-02	1.3E-03	-3.3E-02	2.4E-01	4.7E-04	-1.7E-02	5.5E-01	1.3E-04
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	1.8E-02	4.6E-01	1.6E-04	3.4E-02	1.6E-01	5.5E-04	4.7E-02	5.4E-02	1.1E-03	2.6E-02	3.5E-01	3.1E-04	-4.0E-02	1.4E-01	7.7E-04
22.05	rs4253772	<i>PPARA</i>	22	45006267	1.0E-01	8.1E-03	2.0E+00	5.8E-02	1.2E-01	6.8E-04	4.8E-02	2.1E-01	4.6E-04	-2.4E-02	5.7E-01	1.1E-04	4.4E-02	2.8E-01	4.0E-04

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

R²: variance explained by SNP

Supplemental Table 6e: P-values for interaction (pinteraction) between index variant and statin-allocation each candidate region tested association with absolute and percentage change in LDL-C, non-HDL-C, apo B, LDL-P and LDL-size.

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Absolute Change (p _{interaction})					Percentage Change (p _{interaction})				
					LDL-C	non-HDL-C	apo B	LDL-P	LDL-size	LDL-C	non-HDL-C	apo B	LDL-P	LDL-size
1.01	rs1077514	ASAP3	1	23638820	1.9E-01	2.5E-01	4.7E-01	8.3E-01	6.3E-01	3.4E-01	4.0E-01	6.5E-01	9.2E-01	6.3E-01
1.02	rs12027135	LDLRAP1	1	25648320	4.2E-01	3.9E-01	8.4E-01	3.4E-01	8.1E-01	8.7E-01	5.8E-01	8.2E-01	3.4E-01	7.9E-01
1.03	rs12748152	PIGV-NR0B2	1	27010980	1.2E-01	1.2E-01	5.7E-01	9.4E-01	7.0E-01	3.8E-01	1.6E-01	5.3E-01	6.3E-01	7.2E-01
1.04	rs4660293	PABPC4	1	39800767	5.3E-01	3.7E-01	4.3E-01	2.6E-01	2.0E-01	4.3E-01	2.2E-01	4.7E-01	2.6E-01	2.0E-01
1.05	rs2479409	PCSK9	1	55277238	9.2E-01	6.4E-01	7.6E-01	3.3E-01	6.5E-01	8.4E-01	3.0E-01	9.4E-01	2.5E-01	6.6E-01
1.06	rs17111584	PCSK9 - delta	1	55319284	3.0E-02	3.4E-02	1.2E-01	9.2E-01	7.0E-01	8.0E-01	2.3E-01	3.2E-01	9.9E-01	6.8E-01
1.07	rs2131925	ANGPTL3	1	62798530	5.3E-01	3.2E-01	3.4E-02	3.7E-02	7.3E-02	9.8E-01	7.8E-01	3.8E-01	2.1E-01	7.4E-02
1.08	rs7515577	EVI5	1	92782026	1.2E-01	9.2E-02	8.5E-02	3.0E-03	3.4E-01	6.5E-02	3.8E-02	5.3E-02	4.1E-03	3.0E-01
1.09	rs629301	SORT1	1	109619829	9.9E-01	3.7E-01	6.8E-01	5.4E-01	5.6E-01	6.0E-01	6.0E-01	2.9E-01	8.7E-01	5.6E-01
1.10	rs267733	ANXA9-CERS2	1	149225460	8.1E-01	4.3E-01	8.9E-01	4.4E-01	7.9E-01	4.7E-01	3.2E-01	8.2E-01	7.8E-02	7.9E-01
1.11	rs12145743	HDGF-PMVK	1	154967275	3.0E-01	2.4E-01	7.2E-01	7.3E-01	5.1E-01	7.1E-01	4.0E-01	7.3E-01	7.1E-01	5.2E-01
1.12	rs4650994	ANGPTL1	1	176781935	3.2E-01	2.7E-01	5.6E-01	7.4E-01	8.2E-01	9.3E-02	1.7E-01	5.9E-01	5.4E-01	8.0E-01
1.13	rs1689800	ZNF648	1	180435508	9.1E-01	7.7E-01	1.2E-01	5.7E-01	3.8E-01	3.7E-01	3.7E-01	6.7E-02	6.8E-01	3.9E-01
1.14	rs2807834	MOSC1	1	219037216	5.3E-01	2.9E-01	9.1E-02	4.3E-01	6.7E-01	2.8E-01	4.4E-01	1.7E-01	5.8E-01	6.6E-01
1.15	rs4846914	GALNT2	1	228362314	7.7E-01	5.4E-01	8.9E-01	3.2E-01	2.0E-01	7.2E-01	9.4E-01	6.1E-01	9.1E-01	2.3E-01
1.16	rs514230	IRF2BP2	1	232925220	5.7E-01	5.3E-01	4.3E-01	1.6E-01	1.3E-01	8.2E-01	8.1E-01	7.1E-01	2.3E-01	1.2E-01
2.01	rs1367117	APOB	2	21117405	6.3E-03	3.1E-02	2.6E-01	3.8E-01	4.0E-01	3.2E-02	3.3E-02	2.7E-01	5.7E-02	4.0E-01
2.02	rs1260326	GCKR	2	27584444	4.6E-01	6.8E-01	3.4E-01	1.7E-02	1.1E-01	5.2E-01	6.6E-02	8.0E-01	1.1E-01	1.2E-01
2.03	rs4299376	ABCG5-8	2	43926080	7.4E-01	7.4E-01	9.3E-01	5.5E-01	1.7E-01	6.2E-01	3.6E-01	8.4E-01	3.3E-01	1.6E-01
2.04	rs2710642	EHBP1	2	63003061	3.2E-01	5.0E-01	4.6E-01	8.0E-01	8.6E-01	2.0E-01	3.9E-01	3.8E-01	6.8E-01	8.6E-01
2.05	rs10490626	INSIG2	2	118552311	4.5E-01	6.7E-01	7.0E-01	9.4E-01	2.8E-01	9.6E-01	5.4E-01	6.3E-01	9.8E-01	2.7E-01
2.06	rs2030746	LOC84931	2	121025958	1.2E-01	6.2E-02	4.7E-01	7.4E-01	2.3E-01	2.6E-01	2.3E-01	6.7E-01	9.9E-01	2.4E-01
2.07	rs6759321	RABGAP1	2	136039146	1.4E-01	2.2E-01	1.3E-01	3.9E-03	6.1E-02	1.7E-01	5.4E-02	1.5E-02	7.7E-02	6.5E-02
2.08	rs10195252	COBLL1	2	165221337	7.4E-01	5.0E-01	1.5E-02	2.2E-01	8.0E-01	9.0E-01	3.6E-01	2.7E-02	3.3E-01	7.9E-01
2.09	rs2287623	ABCB11	2	169538401	4.7E-01	4.5E-01	9.6E-01	3.5E-01	6.5E-01	5.2E-01	4.6E-01	7.0E-01	5.9E-01	6.4E-01
2.10	rs11694172	FAM117B	2	203240549	8.7E-01	5.0E-01	4.7E-01	4.8E-01	1.7E-02	9.9E-01	6.0E-01	1.7E-01	9.4E-01	1.8E-02
2.11	rs1250229	FNI	2	216012629	8.2E-01	7.3E-01	8.2E-01	2.7E-01	6.4E-01	4.6E-01	9.6E-01	6.8E-01	3.1E-01	6.0E-01
2.12	rs2943645	IRS1	2	226807424	3.8E-01	8.7E-01	8.0E-01	4.5E-01	5.8E-01	2.2E-01	9.4E-01	6.9E-01	4.4E-01	5.9E-01
2.13	rs11563251	UGT1A1	2	234344123	3.7E-01	4.2E-01	2.1E-01	4.1E-02	1.9E-01	4.6E-01	6.4E-01	5.4E-01	1.5E-01	2.1E-01
3.01	rs2606736	ATG7	3	11375249	9.7E-01	5.9E-01	9.8E-01	3.5E-01	7.3E-01	5.0E-01	7.4E-01	9.3E-01	3.1E-01	7.3E-01
3.02	rs2290159	RAF1	3	12603920	3.8E-01	9.7E-01	8.4E-01	2.0E-01	3.6E-01	4.9E-01	8.9E-01	6.6E-01	2.9E-01	3.8E-01
3.03	rs7640978	CMTM6	3	32508014	1.8E-01	5.5E-02	3.2E-01	8.2E-01	7.8E-01	3.0E-01	6.2E-02	3.9E-01	9.5E-01	7.9E-01
3.04	rs2290547	SETD2	3	47036187	9.5E-01	8.1E-01	2.8E-01	1.9E-01	6.3E-01	4.5E-01	6.3E-01	2.4E-01	1.4E-01	6.0E-01
3.05	rs2013208	RBM5	3	50104403	9.5E-01	9.3E-01	4.2E-01	6.3E-01	6.7E-01	2.9E-01	6.3E-01	3.8E-01	7.6E-01	6.5E-01
3.06	rs13326165	STAB1	3	52507158	7.8E-01	1.5E-01	2.9E-02	8.6E-02	2.1E-01	9.2E-01	2.4E-01	5.0E-02	1.2E-01	2.2E-01
3.07	rs13315871	PXX	3	58356327	3.1E-01	7.5E-01	3.5E-01	6.5E-01	7.2E-01	1.9E-01	8.1E-01	2.9E-01	3.1E-01	7.6E-01
3.08	rs6805251	GSK3B	3	121043296	6.9E-01	4.6E-01	2.7E-02	5.2E-02	9.6E-02	8.2E-01	8.7E-01	1.2E-01	2.0E-01	9.9E-02
3.09	rs17404153	ACAD11	3	133645890	2.1E-01	4.9E-01	1.8E-01	5.7E-02	2.7E-01	2.1E-01	6.3E-01	1.1E-01	1.9E-01	2.6E-01
3.10	rs645040	MSL2L1	3	137409312	4.8E-01	9.4E-01	8.3E-01	2.2E-01	9.1E-01	7.6E-01	5.9E-01	9.3E-01	1.6E-01	9.2E-01
4.01	rs6831256	LRPAP1	4	3442937	3.8E-01	2.6E-01	9.3E-01	7.7E-01	9.6E-01	4.7E-01	8.2E-01	8.8E-01	8.7E-01	9.4E-01

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Absolute Change ($p_{\text{interaction}}$)					Percentage Change ($p_{\text{interaction}}$)				
					LDL-C	non-HDL-C	apo B	LDL-P	LDL-size	LDL-C	non-HDL-C	apo B	LDL-P	LDL-size
4.02	rs10019888	<i>C4orf52</i>	4	25672088	5.0E-01	3.6E-01	1.9E-01	3.4E-01	9.5E-01	1.7E-01	2.7E-01	3.0E-01	4.7E-01	9.5E-01
4.03	rs442177	<i>KLHL8</i>	4	88249285	6.2E-01	9.4E-01	8.6E-01	5.7E-01	2.3E-01	9.2E-01	7.1E-01	7.6E-01	9.1E-01	2.3E-01
4.04	rs2199936	<i>ABCG2 - delta</i>	4	89264355	8.0E-08	5.4E-09	2.5E-07	1.1E-02	1.8E-01	6.9E-07	3.1E-08	2.5E-06	4.7E-02	1.7E-01
4.05	rs3822072	<i>FAM13A1</i>	4	89960292	9.1E-02	2.1E-01	7.0E-01	6.6E-01	1.1E-01	1.2E-01	1.1E-01	2.2E-01	6.6E-01	1.2E-01
4.06	rs2602836	<i>ADH5</i>	4	100233828	2.5E-01	3.2E-02	1.1E-01	1.8E-02	6.3E-01	2.2E-01	1.0E-01	1.5E-01	2.0E-02	6.3E-01
4.07	rs13107325	<i>SLC39A8</i>	4	103407732	4.3E-01	5.0E-01	7.3E-01	4.7E-01	5.5E-01	1.8E-01	6.5E-01	7.3E-01	5.3E-01	5.2E-01
5.01	rs6450176	<i>ARL15</i>	5	53333782	7.7E-01	8.6E-01	3.3E-01	1.7E-01	3.6E-01	8.2E-01	8.3E-01	2.5E-01	9.9E-02	3.6E-01
5.02	rs9686661	<i>MAP3K1</i>	5	55897543	8.1E-01	3.8E-01	8.9E-01	7.5E-01	1.2E-01	4.4E-01	4.2E-01	9.4E-01	4.7E-01	1.3E-01
5.03	rs12916	<i>HMGCR</i>	5	74692295	3.6E-01	2.5E-01	8.7E-01	6.4E-01	7.9E-01	4.7E-01	1.6E-01	5.3E-01	9.1E-01	7.8E-01
5.04	rs4530754	<i>CSNK1G3</i>	5	122883315	2.4E-01	1.3E-01	8.5E-01	9.9E-01	4.2E-01	2.7E-01	1.2E-01	8.2E-01	6.7E-01	4.0E-01
5.05	rs6882076	<i>TIMD4</i>	5	156322875	3.9E-01	3.0E-01	1.9E-01	7.8E-01	4.2E-01	1.8E-01	2.0E-01	5.2E-01	4.8E-01	4.1E-01
6.01	rs3757354	<i>MYLIP</i>	6	16235386	5.0E-03	2.2E-02	1.6E-01	1.2E-01	2.2E-01	6.4E-03	1.6E-02	1.0E-01	3.7E-02	2.2E-01
6.02	rs1800562	<i>HFE</i>	6	26201120	8.5E-01	1.4E-01	1.4E-01	3.2E-01	3.1E-01	6.2E-01	1.3E-01	1.4E-01	2.1E-01	3.2E-01
6.03	rs3177928	<i>HLA</i>	6	32520413	5.6E-01	1.7E-01	8.3E-01	8.9E-01	2.6E-01	7.1E-01	3.0E-01	8.0E-01	8.9E-01	2.6E-01
6.04	rs2814982	<i>C6orf106</i>	6	34654538	4.3E-01	2.7E-01	1.4E-01	4.5E-02	8.8E-01	6.3E-01	4.5E-01	1.2E-01	2.4E-02	9.1E-01
6.05	rs2758886	<i>KCNK17</i>	6	39358815	9.9E-01	6.2E-01	8.0E-01	5.0E-01	1.7E-01	7.9E-01	7.4E-01	7.8E-01	8.0E-01	1.5E-01
6.06	rs998584	<i>VEGFA</i>	6	43865874	7.8E-01	6.5E-01	1.6E-01	9.1E-01	1.2E-01	5.1E-01	7.3E-01	2.2E-01	9.4E-01	1.2E-01
6.07	rs9488822	<i>FRK</i>	6	116419586	2.1E-02	2.5E-02	2.6E-01	3.6E-01	8.9E-01	5.2E-02	5.9E-02	4.4E-01	8.5E-01	9.0E-01
6.08	rs1936800	<i>RSPO3</i>	6	127477757	4.4E-01	5.7E-01	4.8E-01	8.8E-01	3.3E-01	4.5E-01	7.3E-01	2.5E-01	9.7E-01	3.5E-01
6.09	rs9376090	<i>HBS1L</i>	6	135452921	1.5E-01	3.6E-01	2.9E-01	3.8E-02	8.6E-01	1.8E-01	4.3E-01	5.7E-01	7.8E-02	8.9E-01
6.10	rs605066	<i>CITED2</i>	6	139871359	4.6E-01	2.1E-01	2.8E-01	5.8E-01	2.3E-01	3.5E-01	3.9E-01	3.7E-01	5.2E-01	2.1E-01
6.11	rs1564348	<i>LPA</i>	6	160498850	7.5E-02	1.1E-01	4.9E-01	3.7E-01	1.0E-01	6.2E-02	1.4E-01	2.8E-01	6.5E-01	9.5E-02
6.12	rs10455872	<i>LPA - delta</i>	6	160930108	5.3E-04	1.1E-04	2.4E-03	5.0E-04	6.6E-01	7.2E-05	3.7E-05	1.6E-04	9.6E-05	6.3E-01
7.01	rs1997243	<i>GPR146</i>	7	1050303	1.0E+00	4.0E-01	7.9E-01	8.6E-01	8.2E-01	9.2E-01	3.3E-01	7.5E-01	6.5E-01	8.4E-01
7.02	rs702485	<i>DAGLB</i>	7	6415797	4.7E-01	6.2E-01	5.0E-01	8.1E-01	2.0E-01	7.9E-01	5.1E-01	6.9E-01	7.6E-01	2.0E-01
7.03	rs4142995	<i>SNX13</i>	7	17885783	8.5E-01	9.8E-01	2.8E-01	7.3E-01	2.9E-01	9.8E-01	8.5E-01	9.8E-02	8.7E-01	2.9E-01
7.04	rs2285942	<i>DNAH11</i>	7	21549442	1.5E-01	2.9E-01	5.7E-01	9.0E-01	6.7E-01	3.0E-01	5.3E-01	7.2E-01	6.5E-01	6.9E-01
7.05	rs4722551	<i>MIR148A</i>	7	25958351	2.9E-01	2.7E-01	5.6E-01	3.8E-01	7.5E-02	2.6E-01	2.4E-01	5.2E-01	1.8E-01	8.2E-02
7.06	rs2072183	<i>NPC1L1</i>	7	44545705	4.0E-01	2.7E-01	3.6E-01	6.8E-01	7.9E-01	7.4E-01	5.9E-01	6.7E-01	2.3E-01	7.7E-01
7.07	rs4917014	<i>IKZF1</i>	7	50276409	9.3E-01	6.6E-01	3.2E-01	3.8E-01	6.0E-01	9.7E-01	4.1E-01	1.1E-01	7.8E-01	5.8E-01
7.08	rs7811265	<i>MLXIPL</i>	7	72572446	1.3E-01	1.7E-01	5.7E-01	7.8E-01	2.3E-01	1.9E-01	4.9E-02	2.5E-01	8.3E-01	2.2E-01
7.09	rs38855	<i>MET</i>	7	116145280	4.9E-01	1.6E-01	2.9E-01	5.8E-01	3.3E-02	8.5E-01	2.8E-01	2.9E-01	4.5E-01	3.8E-02
7.10	rs4731702	<i>KLF14</i>	7	130083924	7.9E-01	9.3E-01	7.7E-01	9.5E-01	6.6E-01	6.2E-01	8.0E-01	5.6E-01	8.6E-01	6.7E-01
7.11	rs17173637	<i>TMEM176A</i>	7	150160382	9.7E-01	6.1E-01	9.4E-01	5.2E-01	2.2E-01	5.0E-01	8.4E-01	7.3E-01	9.8E-01	2.0E-01
8.01	rs9987289	<i>PPP1R3B</i>	8	9220768	8.1E-01	9.3E-01	8.7E-01	7.2E-01	3.7E-01	8.3E-01	9.1E-01	7.8E-01	7.1E-01	3.8E-01
8.02	rs11776767	<i>PINX1</i>	8	10721339	5.9E-01	9.9E-01	1.0E+00	7.9E-01	9.8E-01	2.5E-01	5.8E-01	7.5E-01	5.5E-01	9.9E-01
8.03	rs1495743	<i>NAT2</i>	8	18317580	5.0E-01	5.1E-01	4.6E-01	7.8E-01	7.7E-01	5.5E-01	3.9E-01	5.9E-01	8.8E-01	7.3E-01
8.04	rs12678919	<i>LPL</i>	8	19888502	9.8E-01	2.2E-01	1.1E-01	1.8E-01	1.6E-01	8.2E-01	9.3E-01	5.9E-01	1.4E-01	1.5E-01
8.05	rs10102164	<i>SOX17</i>	8	55584167	4.8E-01	5.9E-01	7.0E-01	6.9E-01	9.6E-01	3.3E-01	7.1E-01	9.0E-01	6.5E-01	9.8E-01
8.06	rs1030431	<i>CYP7A1</i>	8	59474251	6.0E-01	9.9E-01	3.3E-01	5.1E-01	1.5E-01	6.2E-01	6.1E-01	2.3E-01	6.6E-01	1.4E-01
8.07	rs2293889	<i>TRPS1</i>	8	116668374	5.4E-01	2.3E-01	1.2E-02	5.9E-01	9.2E-01	9.9E-01	2.0E-01	1.9E-02	9.7E-01	9.3E-01
8.08	rs2954029	<i>TRIB1</i>	8	126560154	6.3E-01	5.1E-01	8.5E-02	3.1E-01	1.3E-01	5.3E-01	6.3E-01	4.9E-01	8.5E-01	1.3E-01
8.09	rs11136341	<i>PLEC1</i>	8	145115531	9.7E-01	8.5E-01	7.5E-01	5.2E-01	7.2E-01	6.2E-01	7.8E-01	5.7E-01	6.1E-01	7.1E-01
9.01	rs3780181	<i>VLDLR</i>	9	2630759	8.4E-01	6.5E-01	5.8E-01	9.9E-01	5.9E-01	5.8E-01	6.1E-01	4.8E-01	8.7E-01	5.8E-01
9.02	rs643531	<i>TTC39B</i>	9	15286034	9.6E-01	8.2E-01	2.0E-01	4.5E-01	4.9E-01	3.1E-01	9.0E-01	3.2E-01	9.7E-01	5.1E-01

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Absolute Change ($p_{\text{interaction}}$)					Percentage Change ($p_{\text{interaction}}$)				
					LDL-C	non-HDL-C	apo B	LDL-P	LDL-size	LDL-C	non-HDL-C	apo B	LDL-P	LDL-size
9.03	rs1883025	<i>ABCA1</i>	9	106704122	2.0E-01	2.9E-01	4.4E-01	2.8E-01	4.5E-01	5.8E-01	5.5E-01	7.3E-01	7.1E-01	4.6E-01
9.04	rs649129	<i>ABO</i>	9	135144125	5.8E-02	2.4E-01	2.2E-01	6.9E-01	6.7E-01	3.8E-02	8.3E-02	8.7E-02	6.9E-01	6.9E-01
10.01	rs1832007	<i>AKR1C4</i>	10	5244847	1.4E-02	5.5E-02	9.1E-02	5.3E-01	4.2E-01	1.6E-02	4.3E-02	6.7E-02	9.1E-01	4.0E-01
10.02	rs10904908	<i>TRDMT1</i>	10	17300296	6.5E-01	1.3E-01	7.0E-02	2.5E-01	7.8E-01	5.0E-01	2.1E-01	4.2E-02	4.5E-01	8.0E-01
10.03	rs970548	<i>MARCH8-ALOX5</i>	10	45333283	9.2E-01	7.5E-01	7.7E-01	5.9E-01	3.6E-01	3.9E-01	4.6E-01	9.2E-01	6.9E-01	3.9E-01
10.04	rs10761731	<i>JMJD1C</i>	10	64697616	1.8E-02	1.8E-01	4.1E-01	9.6E-01	5.1E-01	3.0E-02	7.6E-02	1.9E-01	9.4E-01	5.4E-01
10.05	rs2068888	<i>CYP26A1</i>	10	94829632	8.7E-01	9.9E-01	5.4E-01	9.7E-01	6.9E-01	4.7E-01	6.4E-01	5.2E-01	9.4E-01	7.4E-01
10.06	rs2255141	<i>GPAM</i>	10	113923876	4.6E-01	6.2E-01	4.3E-01	5.5E-01	9.6E-01	3.9E-01	5.6E-01	3.5E-01	5.2E-01	9.8E-01
11.01	rs2923084	<i>AMPD3</i>	11	10345358	3.9E-01	2.1E-01	2.1E-01	9.7E-01	2.2E-01	4.7E-01	2.4E-01	3.5E-01	7.5E-01	2.1E-01
11.02	rs10832963	<i>SPTY2D1</i>	11	18620817	6.9E-01	7.6E-01	2.4E-01	5.7E-02	7.3E-01	7.8E-01	9.9E-01	2.3E-01	1.1E-01	7.1E-01
11.03	rs3136441	<i>LRP4</i>	11	46699823	8.4E-01	5.1E-01	7.0E-01	8.5E-01	7.0E-01	4.8E-01	5.0E-01	9.7E-01	8.8E-01	7.4E-01
11.04	rs11246602	<i>OR4C46</i>	11	51368666	3.6E-01	3.8E-01	1.8E-01	3.3E-01	8.3E-02	3.6E-01	3.8E-01	2.9E-01	8.7E-01	9.6E-02
11.05	rs174546	<i>FADS123</i>	11	61326406	1.4E-01	2.3E-02	2.2E-02	3.5E-01	7.8E-01	3.1E-01	5.8E-02	4.8E-02	9.0E-01	7.4E-01
11.06	rs12801636	<i>KAT5</i>	11	65147893	9.7E-01	9.5E-01	4.6E-01	6.4E-01	5.2E-01	9.8E-01	8.3E-01	6.4E-01	7.8E-01	5.2E-01
11.07	rs499974	<i>MOGAT2-DGAT2</i>	11	75132669	6.8E-01	9.0E-01	1.7E-01	3.2E-01	5.5E-01	8.7E-01	9.7E-01	3.1E-01	5.9E-01	6.1E-01
11.08	rs964184	<i>APOA1C3A4A5</i>	11	116154127	1.4E-01	6.4E-01	6.9E-01	4.3E-01	3.0E-03	8.4E-01	2.5E-01	2.8E-01	7.5E-01	2.8E-03
11.09	rs11603023	<i>PHLDB1</i>	11	117991277	8.5E-01	9.5E-01	4.5E-01	3.9E-01	4.2E-01	4.9E-01	8.4E-01	4.5E-01	2.2E-01	4.3E-01
11.10	rs7941030	<i>UBASH3B</i>	11	122027585	9.6E-01	8.6E-01	7.2E-01	3.0E-01	7.9E-01	7.4E-01	6.5E-01	8.8E-01	2.1E-01	8.0E-01
11.11	rs11220462	<i>ST3GAL4</i>	11	125749162	7.7E-03	5.0E-02	4.9E-02	7.7E-01	6.8E-01	2.2E-03	8.4E-03	1.8E-02	9.3E-01	6.9E-01
12.01	rs4883201	<i>PHC1-A2ML1</i>	12	8973848	1.0E-01	1.2E-01	6.3E-01	4.3E-01	5.8E-01	7.6E-01	5.9E-01	9.7E-01	5.2E-01	5.9E-01
12.02	rs7134375	<i>PDE3A</i>	12	20365025	5.6E-02	6.2E-02	1.1E-01	3.3E-01	8.2E-01	4.4E-01	1.2E-01	3.6E-02	1.3E-01	8.3E-01
12.03	rs12317268	<i>SLCO1B1 - delta</i>	12	21243808	4.2E-04	4.5E-03	7.6E-03	3.3E-01	2.7E-04	4.9E-04	5.1E-03	3.1E-03	1.7E-01	2.7E-04
12.04	rs11613352	<i>LRP1</i>	12	56078847	3.2E-01	4.5E-01	9.2E-01	8.6E-01	6.2E-01	5.9E-01	9.3E-01	4.3E-01	5.0E-01	6.0E-01
12.05	rs7134594	<i>MVK</i>	12	108484576	8.0E-02	4.2E-02	2.8E-01	6.9E-01	8.0E-01	7.4E-01	2.4E-01	7.5E-01	9.0E-01	8.0E-01
12.06	rs11065987	<i>BRAP</i>	12	110556807	2.8E-01	5.9E-01	8.6E-01	7.2E-01	2.5E-01	1.9E-01	5.1E-01	9.1E-01	8.3E-01	2.5E-01
12.07	rs1169288	<i>HNF1A</i>	12	119901033	4.4E-01	6.6E-01	8.4E-01	6.7E-01	8.3E-01	3.9E-01	7.7E-01	8.7E-01	4.2E-01	8.3E-01
12.08	rs4759375	<i>SBNO1</i>	12	122362191	1.3E-01	2.3E-01	1.0E-01	4.2E-02	9.7E-01	9.0E-02	1.9E-01	5.1E-02	5.8E-03	9.7E-01
12.09	rs4765127	<i>ZNF664</i>	12	123026120	3.0E-01	2.2E-01	7.2E-01	2.9E-01	8.8E-01	3.0E-01	3.4E-01	9.4E-01	3.5E-01	8.5E-01
12.10	rs838880	<i>SCARB1</i>	12	123827546	8.4E-02	5.4E-02	6.9E-02	8.5E-01	2.1E-01	8.9E-02	1.6E-01	6.0E-02	5.6E-01	2.2E-01
13.01	rs4942486	<i>BRCA2</i>	13	31851388	8.6E-01	5.5E-01	9.2E-01	9.5E-02	4.6E-01	7.3E-01	7.2E-01	8.1E-01	4.1E-01	4.5E-01
14.01	rs2332328	<i>NYNRIN</i>	14	23952898	1.0E-01	1.6E-01	1.9E-01	3.0E-01	1.3E-01	5.8E-01	2.8E-01	2.2E-01	1.7E-01	1.3E-01
14.02	rs4983559	<i>ZBTB42-AKT1</i>	14	104348254	3.3E-01	8.4E-01	4.4E-01	9.5E-01	9.5E-02	2.9E-01	3.6E-01	2.6E-01	7.0E-01	9.6E-02
15.01	rs8035382	<i>FRMD5</i>	15	42031815	2.0E-01	2.1E-01	7.3E-01	9.8E-01	3.8E-01	5.5E-02	6.5E-02	4.9E-01	8.3E-01	3.7E-01
15.02	rs1532085	<i>LIPC</i>	15	56470658	6.3E-01	5.7E-01	6.8E-01	8.8E-01	3.1E-01	9.2E-01	5.5E-01	8.5E-01	5.5E-01	3.6E-01
15.03	rs2652834	<i>LACTB</i>	15	61183920	6.6E-01	6.9E-01	4.7E-01	1.3E-01	5.1E-01	5.3E-01	4.8E-01	8.6E-01	7.7E-02	5.3E-01
16.01	rs3198697	<i>PDXDC1</i>	16	15037441	5.9E-01	5.7E-01	3.3E-01	2.6E-01	4.3E-01	8.7E-01	8.0E-01	7.8E-01	4.8E-01	4.2E-01
16.02	rs11649653	<i>CTF1</i>	16	30825988	9.5E-01	9.7E-01	1.2E-01	4.0E-01	5.1E-01	5.5E-01	6.2E-01	6.6E-01	8.1E-01	5.3E-01
16.03	rs1121980	<i>FTO</i>	16	52366748	9.5E-01	5.4E-01	7.2E-01	6.2E-01	8.2E-01	9.5E-01	6.6E-01	3.5E-01	4.4E-01	8.4E-01
16.04	rs3764261	<i>CETP</i>	16	55550825	4.5E-01	9.4E-01	7.3E-01	7.1E-01	3.4E-04	7.3E-01	4.6E-01	3.9E-01	7.5E-01	3.9E-04
16.05	rs16942887	<i>LCAT</i>	16	66485543	3.1E-01	2.0E-01	7.0E-03	1.8E-01	5.6E-01	8.2E-02	9.8E-02	3.2E-03	6.0E-01	5.5E-01
16.06	rs2000999	<i>HPR</i>	16	70665594	7.7E-01	9.3E-01	7.1E-01	7.1E-01	5.2E-01	9.4E-01	9.4E-01	8.8E-01	8.9E-01	4.8E-01
16.07	rs2925979	<i>CMIP</i>	16	80092291	3.9E-02	1.3E-02	1.1E-01	6.5E-01	7.6E-01	3.5E-02	3.3E-02	1.7E-01	1.8E-01	7.9E-01
17.01	rs314253	<i>DLG4</i>	17	7032374	9.5E-01	6.1E-01	8.7E-01	5.8E-01	7.7E-01	9.4E-01	5.9E-01	6.8E-01	6.9E-01	1.8E-01
17.02	rs881844	<i>STARD3</i>	17	35063744	5.7E-01	6.4E-01	9.3E-01	9.0E-01	3.2E-01	6.9E-01	7.9E-01	9.1E-01	9.3E-01	3.2E-01
17.03	rs8077889	<i>MPP3</i>	17	39233692	5.7E-01	2.6E-01	9.1E-01	7.1E-01	2.1E-01	8.4E-01	4.5E-01	7.5E-01	1.5E-01	2.2E-01

Cluster number	rsID	Locus Name	Chr	Position (hg18)	Absolute Change ($p_{\text{interaction}}$)					Percentage Change ($p_{\text{interaction}}$)				
					LDL-C	non-HDL-C	apo B	LDL-P	LDL-size	LDL-C	non-HDL-C	apo B	LDL-P	LDL-size
17.04	rs7225700	<i>OSBPL7</i>	17	42746803	4.7E-01	9.4E-01	8.1E-01	2.7E-01	1.7E-01	3.2E-01	6.3E-01	5.9E-01	4.8E-02	1.7E-01
17.05	rs1801689	<i>APOH-PRXCA</i>	17	61641042	6.0E-01	6.0E-01	6.5E-01	5.0E-01	8.4E-01	9.6E-01	8.8E-01	8.4E-01	4.4E-01	8.4E-01
17.06	rs4148008	<i>ABCA8</i>	17	64386889	2.0E-01	6.7E-01	9.5E-01	9.6E-01	8.1E-01	1.3E-01	1.0E+00	7.1E-01	9.0E-01	8.2E-01
17.07	rs4082919	<i>PGS1</i>	17	73889077	7.7E-01	7.7E-01	7.2E-01	8.6E-01	6.9E-02	9.6E-01	8.4E-01	9.5E-01	7.1E-01	6.4E-02
18.01	rs7241918	<i>LPG</i>	18	45414951	3.9E-01	3.6E-01	6.8E-01	8.3E-01	5.7E-01	3.6E-01	3.1E-01	8.8E-01	5.6E-01	5.9E-01
18.02	rs12967135	<i>MC4R</i>	18	56000003	8.6E-01	7.9E-01	6.1E-01	6.3E-01	4.3E-02	5.6E-01	5.7E-01	4.3E-01	9.0E-01	4.1E-02
19.01	rs7248104	<i>INSR</i>	19	7175431	7.1E-01	7.6E-01	3.5E-01	4.2E-01	8.1E-01	2.9E-01	4.5E-01	2.6E-01	1.8E-01	8.1E-01
19.02	rs7255436	<i>ANGPTL4</i>	19	8339196	7.1E-03	1.3E-02	1.1E-01	5.6E-01	3.0E-02	1.4E-02	3.6E-03	3.4E-02	6.8E-01	3.5E-02
19.03	rs11672123	<i>LDLR - delta</i>	19	11055823	6.4E-02	1.5E-02	2.8E-05	2.7E-02	2.5E-02	1.1E-01	1.5E-02	9.8E-05	6.6E-02	2.5E-02
19.04	rs6511720	<i>LDLR</i>	19	11063306	2.0E-01	7.6E-01	2.4E-01	1.9E-01	9.3E-01	4.2E-02	3.4E-01	8.5E-02	8.9E-02	8.8E-01
19.05	rs737337	<i>LOC55908</i>	19	11208493	2.1E-01	2.4E-01	3.6E-01	5.3E-02	2.8E-01	8.8E-02	4.2E-01	5.1E-01	1.9E-01	2.6E-01
19.06	rs10401969	<i>CILP2</i>	19	19268718	6.9E-01	2.6E-01	2.7E-02	1.8E-01	8.1E-01	8.5E-01	9.7E-01	1.5E-01	4.7E-01	8.3E-01
19.07	rs731839	<i>PEPD</i>	19	38590905	1.9E-01	1.4E-01	4.6E-01	2.1E-01	5.9E-01	1.3E-01	1.9E-01	2.7E-01	5.5E-02	6.0E-01
19.08	rs7412	<i>APOE - delta</i>	19	50103919	8.7E-01	5.9E-01	1.4E-01	6.0E-02	5.1E-01	8.9E-04	1.1E-01	2.5E-03	2.2E-02	5.0E-01
19.09	rs4420638	<i>APOEC1C2</i>	19	50114786	2.5E-01	5.3E-01	3.7E-01	3.8E-01	4.0E-01	5.4E-02	1.6E-01	3.7E-01	6.5E-01	4.1E-01
19.10	rs492602	<i>FLJ36070</i>	19	53898229	8.7E-01	3.9E-01	7.1E-01	2.3E-01	7.2E-01	8.5E-01	4.2E-01	7.6E-01	4.8E-01	6.4E-01
19.11	rs17695224	<i>HAS1</i>	19	57016028	7.2E-01	5.4E-01	8.9E-01	8.9E-01	9.0E-01	6.7E-01	5.4E-01	4.1E-01	5.1E-01	9.7E-01
19.12	rs386000	<i>LILRA3</i>	19	59484573	3.8E-01	8.3E-01	8.4E-01	6.9E-01	5.6E-01	2.1E-01	7.9E-01	6.8E-01	5.1E-01	5.9E-01
20.01	rs364585	<i>SPTLC3</i>	20	12910718	7.6E-01	8.8E-01	1.6E-01	5.8E-01	9.4E-01	9.9E-01	7.7E-01	3.0E-01	9.3E-01	9.1E-01
20.02	rs2328223	<i>SNX5</i>	20	17793921	6.3E-01	4.0E-01	4.0E-01	1.4E-01	3.4E-01	5.7E-01	5.1E-01	4.3E-01	2.9E-01	3.5E-01
20.03	rs2277862	<i>ERGIC3</i>	20	33616196	9.5E-01	7.8E-01	3.2E-01	1.6E-02	9.4E-02	6.8E-01	9.2E-01	4.3E-01	3.9E-02	9.9E-02
20.04	rs2902940	<i>MAFB</i>	20	38524901	4.2E-01	9.1E-01	7.3E-01	6.1E-01	9.5E-01	8.9E-01	5.7E-01	9.8E-01	8.4E-01	9.7E-01
20.05	rs909802	<i>TOP1</i>	20	39370229	3.1E-01	8.1E-01	6.0E-01	1.9E-01	5.4E-01	4.4E-01	6.9E-01	4.1E-01	1.5E-01	5.2E-01
20.06	rs1800961	<i>HNF4A</i>	20	42475778	7.0E-01	7.9E-01	4.6E-01	2.5E-01	7.9E-01	3.6E-01	9.3E-01	4.5E-01	1.0E-01	8.5E-01
20.07	rs6065906	<i>PLTP</i>	20	43987422	4.6E-02	5.2E-02	9.1E-03	9.6E-02	8.3E-01	1.5E-01	2.2E-01	5.0E-02	3.1E-01	8.4E-01
22.01	rs181362	<i>UBE2L3</i>	22	20262068	9.0E-01	6.7E-01	3.8E-01	1.4E-01	6.8E-01	8.4E-01	9.3E-01	3.6E-01	1.1E-01	6.3E-01
22.02	rs5763662	<i>MTMR3</i>	22	28708703	6.3E-01	7.1E-01	9.2E-01	8.5E-01	3.6E-01	2.8E-01	1.6E-01	5.3E-01	7.8E-01	3.7E-01
22.03	rs138777	<i>TOM1</i>	22	34041098	2.9E-01	6.9E-02	9.3E-02	4.0E-02	6.3E-01	9.2E-02	1.4E-02	5.8E-02	9.1E-02	6.2E-01
22.04	rs5756931	<i>PLA2G6</i>	22	36875979	3.1E-01	1.1E-01	1.8E-02	5.3E-01	9.9E-01	3.5E-01	1.3E-01	1.6E-02	6.6E-01	9.8E-01
22.05	rs4253772	<i>PPARA</i>	22	45006267	8.5E-02	4.2E-01	2.2E-01	3.3E-01	9.1E-02	5.2E-02	3.7E-01	3.0E-01	1.5E-01	9.7E-02

Cluster number: unique numeric identifier for each of the SNPs in the analysis

rsID: SNP name

Chr: chromosome

Beta (q): Beta-coefficient from inverse-quantile transformed data

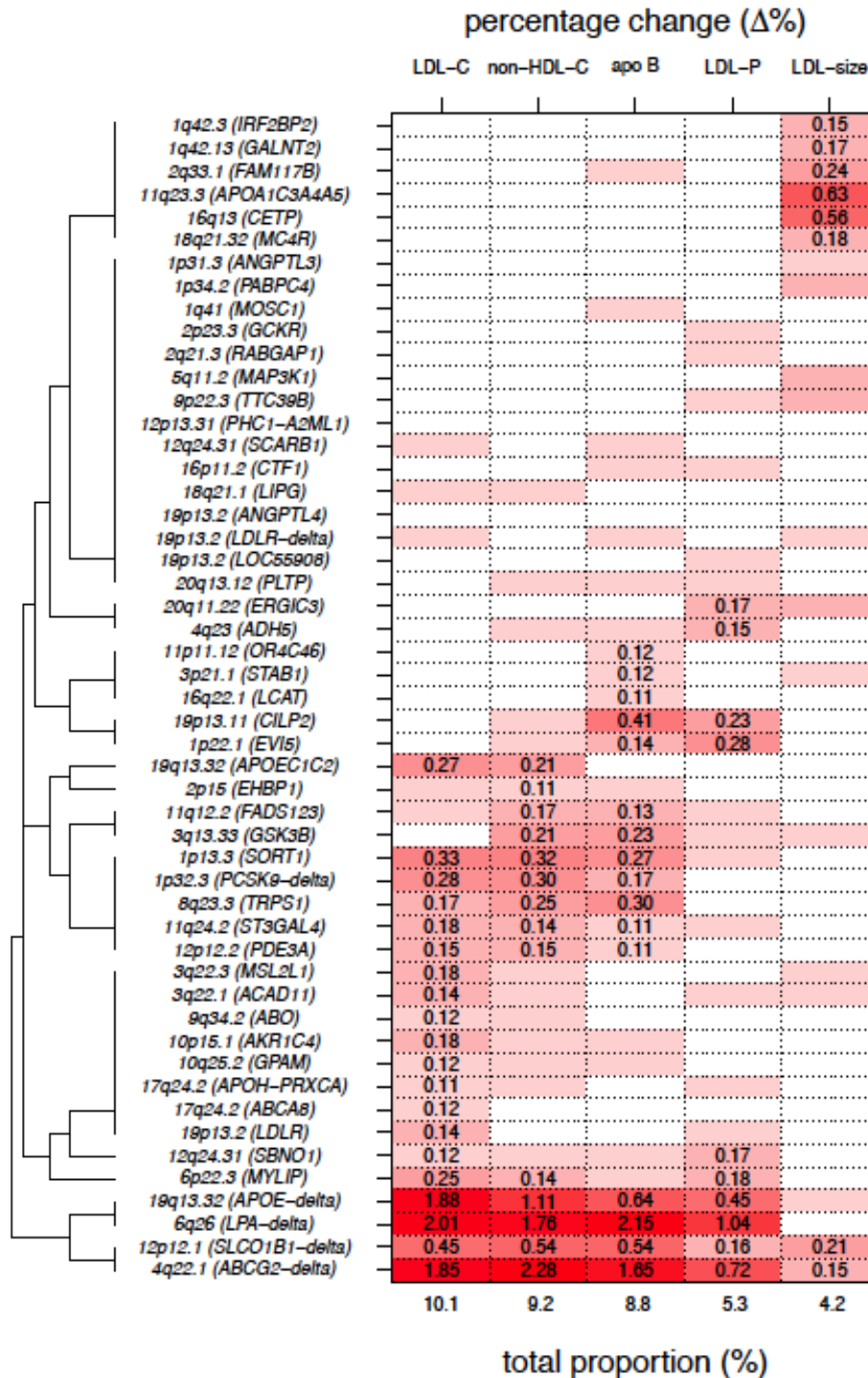
R²: variance explained by SNP

Supplemental Table 7: Results from Gene Set Enrichment Analysis (GSEA) of the LDL-P genetic cluster and LDL-size genetic cluster

Trait cluster	Pathway	X ²	P-value
LDL-size (A)	phosphatidylcholine binding	21.4	0.03
	high-density lipoprotein particle	16.6	0.08
	cholesterol binding	16.2	0.09
	phosphatidylcholine binding	21.4	0.03
	high-density lipoprotein particle	16.6	0.08
	cholesterol binding	16.2	0.09
LDL-P (B)	chylomicron remnant clearance	16.2	0.09

Chi-squared statistic and p-value calculated from chi-squared test with Yates' Continuity Correction

Supplemental Figure 1: Dendrogram of 14 clusters from complete linkage hierarchical clustering and variance explained in rosuvastatin-induced percentage change for LDL cholesterol (LDL-C), non-HDL cholesterol (non-HDL-C), apolipoprotein B (apo B), LDL particle number (LDL-P), and LDL particle size (LDL-size) by candidate variants ($p < 0.05$).



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