

SUPPLEMENTAL MATERIAL

Supplemental Methods

Subjects

Discovery cohort

The University of Pennsylvania (UPenn) HDL Case-Control study (Penn-CC), is composed of subjects with extreme levels of HDL-C selected from the UPenn High HDL Cholesterol Study (HHDL) and the UPenn Catheterization cohort (PennCATH). HHDL is a cross-sectional study of genetic factors contributing to elevated HDL-C levels. Probands with elevated HDL-C (greater than the 90th percentile for age and gender) were identified by physician referrals or through the Hospital of the UPenn clinical laboratory. Relatives of HHDL probands were also invited to participate in the study. Subjects completed a lifestyle questionnaire and provided a blood sample for the measurement of HDL and other lipid-related traits. The UPenn Institutional Review Board (IRB) approved the study protocol. Over 2000 subjects have been enrolled in the HHDL study to date. PennCATH is composed of consecutive subjects undergoing coronary angiography at UPenn Health System hospitals and has been previously described ¹. Analytical measurements were performed on the UPenn samples as previously described ². Plasma HDL-C and triglyceride levels were measured enzymatically on a Cobas Fara II (Roche Diagnostic Systems, Somerville, NJ), using Sigma reagents (Sigma Chemical, St. Louis, MO). In this study, unrelated subjects of European ancestry with HDL > 90th percentile for age and gender were analyzed as cases (n=695) and subjects with HDL < 30th percentile for age and gender were analyzed as controls (n=1038). Subjects with elevated triglycerides (>400 mg/dl), BMI > 40 kg/m², diagnosis of diabetes or fasting glucose > 126 mg/dl were excluded from analysis.

Three Replication Cohorts

The UPenn Replication Cohort (Penn-RC), the MONItoring of trends and determinants in Cardiovascular disease/Cooperative Health Research in the Region of Augsburg (MONICA/KORA) Augsburg study, and the Genetic Regulation of Arterial Pressure of Humans in the Community (GRAPHIC) study were used for replication analysis.

Penn-RC is composed of subjects from the UPenn Diabetes Heart Study (PDHS)³, the Study of Inherited Risk of Coronary Atherosclerosis cohort (SIRCA)⁴, the Philadelphia Area Metabolic Syndrome Network (PAMSyN), and a subset of subjects from PennCATH that is non-overlapping with the Penn-CC, which have previously been described. HDL-C measurements were performed as described above. Genotypes and HDL-C were available on up to 2,752 subjects. The UPenn IRB approved the study protocols and informed consent was obtained from all participants.

The MONICA/KORA Augsburg study consists of a series of independent population-based epidemiological surveys of participants living in the region of Augsburg, Southern Germany initially conducted to estimate the prevalence and distribution of cardiovascular risk factors among individuals aged 25 to 74 years as part of the World Health Organization MONICA project⁵. All survey participants were residents of German nationality identified through the registration office. Participants were examined in 1984/85 (S1), 1989/90 (S2) and 1994/95 (S3). Among a source population of 9,531 participants aged 35 to 74 years and with available blood samples a case-cohort design was performed including a stratified random sample of 2,225 participants⁶. All participants underwent standardized examinations including blood withdrawals for plasma and DNA. Genotypes and HDL-C were available on up to 1,544 MONICA/KORA participants of the random sample. HDL-C was measured by enzymatic methods (CHOD-PAP, Boehringer Mannheim, Germany). HDL-C was precipitated with phosphotungstic acid and magnesium ions.

GRAPHIC contains 2,037 white European subjects in 520 nuclear families from the general population. Families were recruited by writing to women aged 40 to 69 registered with participating family practitioners in Leicestershire, UK, inviting them and their family to take part⁷. Families were included if both parents were aged 40 to 60 years and two offspring > 18 years wished to participate. Study subjects had a detailed history taken and were examined by research nurses following standard operating procedures. Non-fasting blood samples were obtained for laboratory analysis. HDL-C was determined using standard enzymatic assays. Genotypes and HDL-C were available for 2020 GRAPHIC subjects. The study was approved by the Leicestershire Research Ethics Committee, and all subjects provided written informed consent.

Genotyping and Quality Control

Genomic DNA was extracted from leukocytes using the EZ1 DNA Blood kit (Qiagen, Valencia, CA) and the BioRobot EZ1 (Qiagen, Valencia, CA). Whole genomic DNA was checked for quality and quantity by UV spectrophotometry using a Spectramax 190 (Molecular Devices, Sunnyvale, CA).

DNA was diluted to 50 ng/ul and genotyping was performed at the Center for Applied Genomics (Children's Hospital of Pennsylvania) following manufacturer specifications for amplification and hybridization to the IBC array (HumanCVD beadchip, Illumina, CA). Penn-CC was genotyped on version 1 of the array, while the Penn-RC was genotyped on version 2. We also performed quality control measures to exclude unreliable SNPs. For the analysis reported here, we eliminated SNPs with genotype call rate < 95%, with minor allele frequency (MAF) < 1% in Penn-RC controls, or if there was a significant departure from Hardy-Weinberg equilibrium ($P < 1 \times 10^{-6}$ in combined cases and controls). Only the 2,415 SNPs within the

candidate gene loci were analyzed. Genotypes for the MONICA/KORA and GRAPHIC replication studies were also obtained using the HumanCVD beadchip (Illumina, CA).

Statistical analyses

For genotype calling a set of 5051 samples from multiple different studies were used to derive a customized cluster file using BeadStudio to ensure accurate genotype calling. The genotype concordance rate was > 99.99% in 22 duplicate sample pairs in Penn-CC. The overall genotype call rate across all samples was 99.6%. Quality control measures were implemented to exclude unreliable samples. First, samples were excluded if the genotype call rate was < 97.5% or if the sample showed excess or deficient heterozygosity (inbreeding coefficient $|F| > 0.1$). Next, identical by descent estimation was used to assess cryptic relatedness or erroneous duplicates among participants. Multi-dimensional scaling (MDS) analysis was also performed to determine subjects that shared similar genetic ancestry (Supplementary Figure 1) using PLINK software⁸. Analysis was limited to subjects of genetically inferred Caucasian ancestry only. The discovery cohort analysis compared genotype frequencies in cases with elevated HDL-C (>90th percentile for age and gender) with frequencies in controls with decreased HDL-C (<30th percentile for age and gender, excluding subjects with absolute HDL-C values <20 mg/dl due to likely monogenic conditions). This analysis was carried out for each SNP and was adjusted for age and gender, with the model assuming additive inheritance. Associations with HDL-C were analyzed using multiple linear regression of HDL-C after adjustment for age and gender. All analyses were conducted using PLINK software⁸.

All candidate gene SNPs were tested in the replication cohorts. Each study was analyzed separately. Analysis of association in the GRAPHIC cohort was conducted using generalized estimating equations (GEE) with an exchangeable correlation structure to account

for the shared familial background. The analyses were adjusted for gender, age and age² (to account for the two generation structure of GRAPHIC population). To summarize the data a meta-analysis was implemented using the METAL software⁹. A *P*-value significance threshold of $< 2.07 \times 10^{-5}$ in the meta-analysis was determined based on the conservative Bonferroni correction (0.05/2415 tests) and a *P*-value of < 0.05 was specified as a suggestive association with HDL-C.

When SNPs reported in published GWAS lipid analyses were not directly genotyped on the IBC array, the bioinformatic tool SNAP¹⁰ was used to identify proxy SNPs on the IBC array with $r^2 > 0.8$.

Conditional analyses were performed incorporating allele dosage of the most significantly associated SNP in each associated locus as a covariate to identify any additional independent SNPs associated with HDL-C. The conditional analysis was performed as a step-wise regression incorporating the highest remaining associated SNP in each associated locus as a covariate until there was no longer any evidence of association with HDL. This was performed using a less stringent cut-off based on the Bonferroni correction for the total number of candidate genes tested ($P < 7.6 \times 10^{-4}$, 0.05/66 genes).

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Supplemental Table 1. HDL candidate genes				
Locus	Chromosome	IBC Array Priority	Number of SNPs	Evidence
HDL-associated apolipoproteins				
<i>APOA1/APOA4/APOA5/APOC3</i>	11q23-q24	1	62	biology ^{11, 12} , mouse ¹³⁻¹⁶ , human ^{14, 17-20} , GWAS ²¹⁻²⁴
<i>APOA2</i>	1q21-q23	1	18	biology ^{11, 25} , mouse ²⁶⁻²⁸ , human ²⁰
<i>APOD</i>	3q29	1	13	biology ¹¹
<i>APOF</i>	12q13.3	2	10	biology ^{11, 29} , mouse ³⁰
<i>APOE/APOC1/APOC2</i>	19q13.32	1	57	biology ¹¹ , mouse ³¹ , human ^{19, 20} , GWAS ^{23, 24}
HDL-associated enzymes				
<i>CETP</i>	16q13	1	97	biology ^{11, 32} , mouse ³³ , human ^{19, 20} , GWAS ^{9, 21-24, 34-37}
<i>LCAT</i>	16q22.1	1	15	biology ¹¹ , mouse ³⁸⁻⁴¹ , human ^{14, 18-20, 42} , GWAS ^{22, 24, 37}
<i>PAFAH1B1</i>	17p13.3	2	13	biology ¹¹
<i>PAFAH1B2</i>	11q23.3	1	8	biology ¹¹
<i>PAFAH1B3</i>	19q13.2	2	5	biology ¹¹
<i>PLTP</i>	20q13.12	1	31	biology ¹¹ , mouse ⁴³⁻⁴⁵ , GWAS ²²⁻²⁴
<i>PON1/PON2/PON3/PON4</i>	7q21.3	1	165	biology ¹¹ , human ^{19, 20}
Plasma and cell-associated enzymes				
<i>ACSM1</i>	16p12.3	2	13	human ⁴⁶
<i>ACSM2</i>	16p13.11	2	12	human ⁴⁶
<i>DGAT1</i>	8q24.3	1	7	human ^{19, 47}
<i>FURIN</i>	15q26.1	1	13	biology ^{48, 49}
<i>HSP90B1</i>	12q24.2	2	18	biology ⁵⁰
<i>LIPC</i>	15q21.3	1	177	biology ⁵¹ , mouse ^{52, 53} , human ^{19, 20, 54} , GWAS ^{9, 21-24, 34, 36, 37}
<i>LIPE</i>	19q13.2	1	43	biology ⁵⁵ , mouse ⁵⁶
<i>LIPG</i>	18q21.1	1	42	biology ⁵⁷ , mouse ⁵⁸⁻⁶¹ , human ^{19, 20, 62, 63} , GWAS ^{9, 21-24, 34, 35}
<i>LPL</i>	8p21.3	1	75	biology ⁶⁴ , mouse ⁶⁵ , human ^{14, 18-20} , GWAS ^{9, 21-24, 34, 35}

<i>PCSK5</i>	9q21.3	2	178	biology ^{48, 49}
<i>PCSK6</i>	15q26.3	1	224	biology ^{48, 49}
<i>PEMT</i>	17p11.2	2	26	mouse ⁶⁶
<i>SOAT1</i>	1q25.2	1	30	biology
<i>SOAT2</i>	12q13.13	1	24	mouse ⁶⁷

Cell receptors and transporters

<i>ABCA1</i>	9q22-q31	1	141	biology ⁶⁸ , mouse ⁶⁹ , human ^{14, 18-20, 70} , GWAS ^{9, 21-24, 34}
<i>ABCA7</i>	19p13.3	1	12	biology ⁷¹ , mouse ⁷²
<i>ABCB11</i>	2q24	2	53	biology
<i>ABCB4</i>	7q21.1	2	20	biology
<i>ABCD1</i>	14q32.3	2	7	biology
<i>ABCG1</i>	21q22.3	1	69	biology ^{68, 73} , mouse ^{74, 75}
<i>ABCG4</i>	11q23.3	1	12	biology ⁷³
<i>ABCG5</i>	2p21	1	35	mouse ^{76, 77} , human ^{20, 76} , GWAS
<i>ABCG8</i>	2p21	2	22	mouse ^{76, 77} , human ^{20, 76} , GWAS
<i>ATP5B</i>	12q13.13	2	7	biology ⁷⁸
<i>CAV1/CAV2</i>	7q31.1	1	29	biology ⁷⁹ , mouse ⁸⁰
<i>CD36</i>	7q11.2	1	118	biology, human ¹⁹
<i>CUBN</i>	10p12.31	2	150	biology ^{81, 82}
<i>FAS</i>	10q24.1	1	89	mouse ⁸³
<i>GPR109A/GPR109B/GPR81</i>	12q24.31	1	30	biology ⁸⁴
<i>HDLBP</i>	2q37	1	43	biology ^{50, 85}
<i>LRP1</i>	12q13-q14	1	96	biology
<i>LRP2</i>	2q24-q31	2	102	biology ⁸²
<i>P2RY13/PSRY14</i>	3q24	1	11	biology ⁸⁶
<i>PDZK1</i>	1q21	1	9	biology ⁸⁷ , mouse ⁸⁸
<i>PDZK1IP1</i>	1p33	2	12	mouse ⁸⁹
<i>NR5A2</i>	1q32.1	2	65	biology
<i>SCARB1</i>	12q24.31	1	74	biology ⁹⁰ , mouse ^{91, 92} , human ^{19, 20} , GWAS ²⁴

Transcription Factors

<i>NFKB1</i>	4q24	1	122	mouse ⁹³
<i>NR1H2</i> (LXRB)	19q13.3	1	12	biology, human ¹⁹
<i>NR1H3</i> (LXRA)	11p11.2	1	7	GWAS ³⁷
<i>PPARA</i>	22q12-q13.1; 22q13.31	1	104	mouse ⁹⁴ , human ¹⁹
<i>PPARD</i>	6p21.2-p21.1	1	93	biology
<i>PPARG</i>	3p25	1	101	biology
<i>RXRA</i>	9q34.3	1	133	biology
<i>RXRB</i>	6p21.3	2	5	biology
<i>TCF1</i>	12q24.2	2	13	mouse ⁹⁵ , human ⁹⁶

GWAS validated locus

<i>ANGPTL3</i>	1p31.1-p22.3	1	9	biology ⁴⁹
<i>ANGPTL4</i>	19p13.3	1	7	GWAS ^{22, 24}
<i>APOB</i>	2p24	1	107	GWAS ^{20, 24, 34}
<i>FADS1/FADS2/FADS3</i>	11q12-q13.1	1	30	GWAS ^{22, 24}
<i>GALNT2</i>	1q41-q42	0	2	GWAS ^{9, 21, 22, 24}
<i>HNF4A</i>	20q12-q13.1	1	67	mouse ⁹⁷ , GWAS ^{22, 24}
<i>MMAB/MVK</i>	12q24	2	10	GWAS ^{9, 22, 24}
<i>TRIB1</i>	8q24.13	0	4	GWAS ²⁴

Supplemental Table 2. Penn-CC Discovery Cohort SNPs with Suggestive Evidence of Association

					Penn-CC			Penn-RC			MONICA/KORA			GRAPHIC			Combined Replication Cohort		
Locus	SNP	A1	A2	MAF	T	P	N	T	P	N	T	P	N	Z	P	N	Z	P	N
<i>CETP</i>	rs1800775	A	C	0.45	7.70	1.45E-16	1600	5.63	2.04E-08	2693	5.82	7.14E-09	1536	6.57	4.95E-11	2020	10.29	7.99E-25	6249
<i>CETP</i>	rs17231506	A	G	0.28	7.57	1.89E-16	1600	6.25	4.68E-10	2691	6.84	1.12E-11	1536	7.83	5.00E-15	2020	11.91	1.10E-32	6247
<i>CETP</i>	rs3764261	A	C	0.28	7.47	3.55E-16	1600	6.15	8.94E-10	2693	6.93	6.36E-12	1542	7.83	4.77E-15	2019	11.88	1.45E-32	6254
<i>CETP</i>	rs711752	A	G	0.38	7.75	5.35E-16	1600	4.23	2.44E-05	2693	5.84	6.25E-09	1539	6.69	2.30E-11	2019	9.45	3.30E-21	6251
<i>CETP</i>	rs708272	A	G	0.38	7.75	5.35E-16	1600	4.23	2.44E-05	2693	5.84	6.28E-09	1540	6.67	2.52E-11	2020	9.45	3.55E-21	6253
<i>CETP</i>	rs1864163	A	G	0.30	-7.68	1.19E-15	1598	-4.68	3.05E-06	2692	-6.37	2.48E-10	1541	-5.68	1.32E-08	2020	-9.43	3.93E-21	6253
<i>CETP</i>	rs11076175	G	A	0.22	-7.81	2.07E-15	1597	-5.62	2.10E-08	2692	-5.05	5.07E-07	1538	-5.06	4.26E-07	2018	-9.05	1.50E-19	6248
<i>CETP</i>	rs7499892	A	G	0.22	-7.77	3.50E-15	1600	-5.73	1.10E-08	2693	-5.21	2.18E-07	1542	-5.17	2.36E-07	2018	-9.26	2.04E-20	6253
<i>CETP</i>	rs11508026	A	G	0.39	7.46	3.95E-15	1600	4.07	4.93E-05	2690	5.76	1.00E-08	1534	6.61	3.80E-11	2020	9.27	1.95E-20	6244
<i>CETP</i>	rs1532624	A	C	0.39	7.35	5.12E-15	1600	4.13	3.68E-05	2693	6.17	8.81E-10	1543	7.01	2.43E-12	2020	9.73	2.17E-22	6256
<i>CETP</i>	rs1532625	A	G	0.39	7.36	6.89E-15	1549	4.14	3.65E-05	2605	5.90	4.38E-09	1506	7.14	9.45E-13	2017	9.70	3.11E-22	6128
<i>CETP</i>	rs12720922	A	G	0.22	-7.52	1.55E-14	1600	-5.76	9.57E-09	2693	-5.36	9.56E-08	1540	-5.25	1.50E-07	2019	-9.40	5.53E-21	6252
<i>CETP</i>	rs7203984	C	A	0.23	-7.52	3.64E-14	1600	-5.48	4.74E-08	2693	-4.90	1.08E-06	1539	-4.73	2.25E-06	2019	-8.69	3.56E-18	6251
<i>CETP</i>	rs9939224	A	C	0.25	-7.40	1.74E-13	1600	-5.66	1.65E-08	2693	-4.94	8.66E-07	1541	-3.97	7.27E-05	2020	-8.40	4.42E-17	6254
<i>CETP</i>	rs11076176	C	A	0.21	-6.33	4.90E-10	1599	-4.68	2.98E-06	2692	-4.74	2.34E-06	1537	-5.08	3.79E-07	2019	-8.30	1.08E-16	6248
<i>CETP</i>	rs289714	G	A	0.21	-6.28	9.94E-10	1600	-4.71	2.57E-06	2693	-4.12	3.92E-05	1540	-4.72	2.35E-06	2019	-7.81	5.74E-15	6252
<i>CETP</i>	rs4783961	A	G	0.48	4.52	5.07E-07	1600	3.76	1.72E-04	2691	2.78	5.44E-03	1537	3.43	6.03E-04	2020	5.80	6.85E-09	6248
<i>LPL</i>	rs3208305	T	A	0.27	4.87	6.33E-07	1593	3.19	1.42E-03	2675	2.27	2.31E-02	1530	2.99	2.77E-03	2019	4.92	8.55E-07	6224

LPL	rs13702	G	A	0.28	4.85	7.37E-07	1599	3.16	1.58E-03	2693	2.26	2.43E-02	1543	3.01	2.62E-03	2020	4.90	9.52E-07	6256
CETP	rs12720889	A	T	0.28	4.68	1.17E-06	1596	-0.12	9.01E-01	2683	2.42	1.58E-02	1486	2.85	4.40E-03	2017	2.73	6.39E-03	6186
CETP	rs289743	G	A	0.28	4.47	2.58E-06	1585	-0.46	6.43E-01	2593	3.12	1.84E-03	1519	3.05	2.33E-03	2016	3.00	2.73E-03	6128
CETP	rs289718	G	A	0.29	4.40	3.25E-06	1598	-0.19	8.50E-01	2689	2.88	4.01E-03	1536	2.93	3.38E-03	2017	2.97	2.98E-03	6242
CETP	rs289719	A	G	0.29	4.38	3.66E-06	1599	-0.26	7.95E-01	2693	2.95	3.22E-03	1539	2.93	3.42E-03	2018	2.95	3.13E-03	6250
CETP	rs289716	T	A	0.29	4.32	5.16E-06	1600	-0.27	7.86E-01	2693	2.67	7.70E-03	1537	2.85	4.40E-03	2020	2.76	5.73E-03	6250
LPL	rs263	A	G	0.17	4.25	7.68E-06	1600	3.15	1.67E-03	2693	2.67	7.62E-03	1541	3.01	2.62E-03	2020	5.10	3.45E-07	6254
CETP	rs6499863	A	G	0.18	-4.37	9.05E-06	1600	-0.81	4.16E-01	2693	-3.00	2.74E-03	1542	-1.55	1.21E-01	2020	-2.90	3.72E-03	6255
LIPG	rs2156552	A	T	0.18	-4.07	1.43E-05	1600	-2.30	2.16E-02	2693	-0.95	3.40E-01	1543	-3.37	7.48E-04	2020	-3.90	9.76E-05	6256
LPL	rs328	G	C	0.08	4.27	1.45E-05	1600	3.20	1.42E-03	2693	2.91	3.62E-03	1544	3.14	1.68E-03	2020	5.32	1.02E-07	6257
LIPG	rs1943981	T	A	0.18	-4.10	1.50E-05	1600	-2.32	2.04E-02	2693	-0.87	3.86E-01	1544	-3.37	7.63E-04	2020	-3.86	1.12E-04	6257
CETP	rs5882	G	A	0.30	4.11	1.59E-05	1600	0.09	9.24E-01	2693	2.94	3.36E-03	1543	3.10	1.95E-03	2019	3.28	1.04E-03	6255
CETP	rs11076174	G	A	0.11	-4.49	1.88E-05	1600	-2.37	1.80E-02	2693	-1.46	1.44E-01	1543	0.35	7.30E-01	2020	-2.08	3.74E-02	6256
LPL	rs301	G	A	0.21	4.27	2.54E-05	1597	3.67	2.43E-04	2693	1.26	2.07E-01	1541	3.06	2.21E-03	2019	4.77	1.81E-06	6253
CETP	rs4784745	G	A	0.35	-3.74	2.68E-05	1600	-0.16	8.76E-01	2693	-2.13	3.36E-02	1544	-5.09	3.53E-07	2019	-4.05	5.11E-05	6256
LPL	rs12679834	G	A	0.08	4.15	2.71E-05	1598	3.12	1.83E-03	2691	3.08	2.10E-03	1538	3.22	1.28E-03	2013	5.40	6.61E-08	6242
CETP	rs6499861	G	C	0.17	-4.11	3.39E-05	1600	-0.58	5.64E-01	2693	-2.81	4.99E-03	1543	-1.73	8.43E-02	2020	-2.75	5.89E-03	6256
LPL	rs268	G	A	0.02	-3.48	4.83E-05	1600	-1.69	9.17E-02	2693	-3.95	8.30E-05	1543	-0.49	6.23E-01	2019	-3.34	8.36E-04	6255
RXRA	rs35738419	A	G	0.02	-3.30	4.88E-05	1573	-0.19	8.52E-01	2564	-0.57	5.69E-01	1499	-19.41	0.00E+00	2020	-0.50	6.21E-01	4063
GPR109A/B/81	rs2256572	A	G	0.45	-4.19	5.44E-05	1597	-0.79	4.31E-01	2690	1.75	7.97E-02	1531	-0.16	8.72E-01	2020	0.26	7.96E-01	6241
CETP	rs5883	A	G	0.05	3.92	6.00E-05	1600	2.49	1.29E-02	2693	-0.70	4.87E-01	1531	1.02	3.07E-01	2019	1.87	6.14E-02	6243

<i>GPR109A/B/81</i>	rs1798192	A	C	0.45	-4.16	6.18E-05	1594	-0.79	4.29E-01	2685	1.83	6.79E-02	1527	-0.20	8.42E-01	2016	0.27	7.86E-01	6228
<i>GPR109A/B/81</i>	rs3858543	A	G	0.39	-4.06	6.97E-05	1594	-0.04	9.71E-01	2687	1.13	2.57E-01	1524	-0.23	8.19E-01	2018	-0.41	6.84E-01	6229
<i>LPL</i>	rs3735964	A	C	0.09	3.97	7.00E-05	1600	2.97	3.02E-03	2693	2.09	3.69E-02	1543	3.34	8.40E-04	2019	4.88	1.06E-06	6255
<i>LPL</i>	rs3779788	A	G	0.13	4.03	7.34E-05	1600	2.78	5.45E-03	2693	2.91	3.65E-03	1543	2.83	4.67E-03	2020	4.88	1.09E-06	6256
<i>CETP</i>	rs289717	A	G	0.35	-3.48	7.40E-05	1600	-0.02	9.88E-01	2693	-1.94	5.21E-02	1537	-4.92	8.69E-07	2020	-3.77	1.63E-04	6250
<i>CETP</i>	rs4784744	A	G	0.35	-3.44	8.48E-05	1600	-0.10	9.20E-01	2693	-2.10	3.60E-02	1544	-5.11	3.25E-07	2020	-4.01	6.08E-05	6257
<i>CETP</i>	rs291044	A	G	0.35	-3.37	1.15E-04	1600	-0.08	9.39E-01	2693	-1.91	5.64E-02	1542	-5.02	5.25E-07	2020	-3.85	1.19E-04	6255
<i>SCARB1</i>	rs10773105	G	A	0.47	3.92	1.24E-04	1599	0.67	5.02E-01	2693	-0.45	6.52E-01	1534	0.93	3.54E-01	2020	0.75	4.56E-01	6247
<i>SCARB1</i>	rs865716	A	T	0.48	3.90	1.59E-04	1600	0.90	3.67E-01	2688	0.79	4.32E-01	1531	0.36	7.20E-01	2020	1.19	2.36E-01	6239
<i>LPL</i>	rs3916027	A	G	0.24	3.79	1.94E-04	1596	3.26	1.13E-03	2692	2.03	4.30E-02	1533	3.32	9.11E-04	2012	5.03	4.99E-07	6237
<i>LPL</i>	rs264	A	G	0.13	3.57	2.28E-04	1599	3.54	4.13E-04	2691	2.73	6.39E-03	1543	3.63	2.87E-04	2019	5.73	9.89E-09	6253
<i>LPL</i>	rs331	A	G	0.24	3.70	2.94E-04	1600	3.28	1.04E-03	2693	2.01	4.48E-02	1539	3.41	6.45E-04	2020	5.09	3.64E-07	6252
<i>LPL</i>	rs256	A	G	0.13	3.49	2.98E-04	1600	3.32	8.98E-04	2693	2.88	3.99E-03	1543	3.63	2.82E-04	2020	5.67	1.41E-08	6256
<i>FADS1/2/3</i>	rs174577	A	C	0.38	-3.61	3.27E-04	1520	-2.36	1.85E-02	2633	-1.05	2.92E-01	1364	-2.76	5.78E-03	2020	-3.66	2.54E-04	6017
<i>CETP</i>	rs9923854	C	A	0.09	3.54	3.49E-04	1600	1.52	1.28E-01	2692	-1.21	2.26E-01	1540	-0.02	9.81E-01	2019	-0.39	7.00E-01	6251
<i>PCSK5</i>	rs7031971	G	A	0.45	-3.50	3.77E-04	1600	-2.21	2.71E-02	2693	0.03	9.76E-01	1544	-0.07	9.47E-01	2019	-1.47	1.41E-01	6256
<i>APOE/C1/C2</i>	rs12721046	A	G	0.16	-3.65	4.78E-04	1597	-3.65	2.63E-04	2676	-1.36	1.75E-01	1522	-1.28	2.00E-01	2019	-3.80	1.48E-04	6217
<i>CETP</i>	rs12708967	G	A	0.21	-3.42	4.86E-04	1600	-2.63	8.60E-03	2687	-4.42	1.07E-05	1544	-5.02	5.19E-07	2019	-6.76	1.35E-11	6250
<i>CETP</i>	rs12597002	A	C	0.31	-2.87	4.94E-04	1600	-1.34	1.80E-01	2693	-1.69	9.18E-02	1544	-3.49	4.80E-04	2020	-3.70	2.15E-04	6257
<i>CUBN</i>	rs17139747	G	A	0.04	-3.33	5.16E-04	1600	0.36	7.20E-01	2693	1.57	1.16E-01	1544	-1.14	2.53E-01	2020	0.37	7.13E-01	6257
<i>LRP2</i>	rs2673162	A	G	0.05	3.14	5.25E-04	1599	-0.57	5.67E-01	2693	-1.53	1.27E-01	1544	1.37	1.72E-01	2020	-0.36	7.22E-01	6257

<i>CETP</i>	rs1801706	A	G	0.17	3.36	5.80E-04	1600	-0.50	6.20E-01	2693	0.67	5.06E-01	1544	1.32	1.87E-01	2019	0.76	4.50E-01	6256
<i>SCARB1</i>	rs12819677	A	G	0.48	-3.45	5.91E-04	1600	-0.99	3.22E-01	2693	0.93	3.51E-01	1538	-0.85	3.96E-01	2019	-0.67	5.03E-01	6250
<i>LPL</i>	rs271	A	G	0.14	3.28	6.86E-04	1600	2.99	2.83E-03	2693	2.29	2.21E-02	1541	3.36	7.88E-04	2018	5.00	5.63E-07	6252
<i>LPL</i>	rs320	C	A	0.26	3.44	7.94E-04	1596	3.41	6.67E-04	2690	1.63	1.03E-01	1530	3.18	1.49E-03	2019	4.85	1.24E-06	6239
<i>ABCA1</i>	rs10991405	C	G	0.07	3.15	8.04E-04	1600	-1.33	1.84E-01	2693	0.02	9.84E-01	1544	-1.56	1.19E-01	2020	-1.75	8.02E-02	6257
<i>ABCA1</i>	rs12336969	A	C	0.07	3.15	8.04E-04	1600	-1.31	1.91E-01	2693	0.02	9.84E-01	1544	-1.43	1.52E-01	2020	-1.66	9.68E-02	6257
<i>APOB</i>	rs676210	A	G	0.20	3.07	9.21E-04	1600	0.76	4.47E-01	2693	1.73	8.37E-02	1543	0.98	3.26E-01	2020	1.92	5.53E-02	6256
<i>LPL</i>	rs255	G	A	0.14	3.21	9.35E-04	1600	3.42	6.48E-04	2693	2.10	3.57E-02	1542	3.27	1.06E-03	2020	5.14	2.73E-07	6255
<i>ABCA1</i>	rs12341993	A	C	0.14	-3.22	9.49E-04	1600	-0.08	9.37E-01	2693	-0.94	3.48E-01	1543	-1.31	1.91E-01	2020	-1.26	2.07E-01	6256
<i>APOB</i>	rs673548	A	G	0.20	3.04	9.68E-04	1599	0.78	4.35E-01	2693	1.72	8.61E-02	1544	1.00	3.19E-01	2020	1.93	5.34E-02	6257
<i>FADS1/2/3</i>	rs174601	A	G	0.38	-3.35	1.05E-03	1599	-2.12	3.44E-02	2689	-0.80	4.26E-01	1543	-2.68	7.34E-03	2020	-3.31	9.43E-04	6252
<i>NFKB1</i>	rs230510	A	T	0.47	-3.12	1.07E-03	1599	0.01	9.91E-01	2693	-0.15	8.84E-01	1543	-0.51	6.10E-01	2018	-0.35	7.23E-01	6254
<i>ABCA1</i>	rs10991412	A	G	0.06	3.06	1.09E-03	1600	-1.31	1.91E-01	2693	0.19	8.48E-01	1544	-1.31	1.92E-01	2020	-1.51	1.32E-01	6257
<i>NFKB1</i>	rs1585214	A	G	0.47	-3.12	1.16E-03	1600	0.11	9.09E-01	2693	-0.19	8.53E-01	1542	-0.57	5.69E-01	2018	-0.34	7.33E-01	6253
<i>ABCA1</i>	rs4100654	G	A	0.11	-3.04	1.17E-03	1599	-0.93	3.52E-01	2692	-2.04	4.13E-02	1543	-0.83	4.08E-01	2020	-2.10	3.62E-02	6255
<i>LPL</i>	rs327	C	A	0.26	3.24	1.18E-03	1599	3.49	4.94E-04	2681	1.69	9.22E-02	1525	3.25	1.16E-03	2020	4.97	6.70E-07	6226
<i>CETP</i>	rs708273	A	G	0.30	-2.60	1.29E-03	1599	-1.40	1.63E-01	2693	-1.34	1.79E-01	1394	-3.52	4.24E-04	2019	-3.60	3.24E-04	6106
<i>NFKB1</i>	rs1598856	A	G	0.48	-3.05	1.44E-03	1600	0.04	9.65E-01	2693	-0.01	9.94E-01	1544	-0.64	5.21E-01	2020	-0.34	7.34E-01	6257
<i>CETP</i>	rs1800777	A	G	0.04	-2.92	1.50E-03	1599	-3.65	2.68E-04	2692	-4.28	2.00E-05	1541	-2.38	1.74E-02	2020	-5.86	4.62E-09	6253
<i>LPL</i>	rs1534649	A	C	0.38	3.31	1.51E-03	1594	1.33	1.83E-01	2578	1.16	2.48E-01	1532	1.63	1.03E-01	2019	2.38	1.75E-02	6129
<i>PON1/2/3/4</i>	rs17884000	G	A	0.21	-3.30	1.52E-03	1595	-1.03	3.03E-01	2669	1.32	1.89E-01	1505	0.65	5.13E-01	2016	-0.35	7.30E-01	6190

<i>FADS1/2/3</i>	rs1535	G	A	0.35	-3.21	1.57E-03	1600	-2.78	5.41E-03	2693	-0.81	4.18E-01	1537	-2.92	3.49E-03	2020	-3.89	1.01E-04	6250
<i>APOB</i>	rs2678379	A	G	0.20	2.89	1.62E-03	1600	0.70	4.86E-01	2693	1.70	8.99E-02	1544	1.03	3.04E-01	2020	1.88	5.96E-02	6257
<i>SORCS1</i>	rs7897974	A	G	0.47	2.80	1.68E-03	1600	0.79	4.31E-01	2691	1.13	2.60E-01	1542	-0.13	8.93E-01	2020	1.15	2.49E-01	6253
<i>LPL</i>	rs329	G	A	0.03	2.82	1.71E-03	1600	0.01	9.90E-01	2693	0.87	3.83E-01	1544	-0.55	5.80E-01	2019	-0.13	8.99E-01	6256
<i>LPL</i>	rs28445964	G	A	0.02	-2.82	1.78E-03	1600	-1.51	1.32E-01	2693	-1.03	3.04E-01	1543	-2.18	2.94E-02	2020	-2.74	6.22E-03	6256
<i>PON1/2/3/4</i>	rs2299267	G	A	0.19	-3.26	1.91E-03	1600	-2.01	4.46E-02	2693	1.40	1.60E-01	1543	0.21	8.34E-01	2020	-0.50	6.16E-01	6256
<i>LPL</i>	rs343	A	C	0.08	3.18	1.92E-03	1595	2.19	2.90E-02	2683	1.58	1.14E-01	1538	2.54	1.11E-02	2019	3.66	2.52E-04	6240
<i>LPL</i>	rs10104051	A	G	0.37	3.20	2.20E-03	1598	1.44	1.51E-01	2689	1.65	9.91E-02	1540	1.80	7.11E-02	2020	2.79	5.32E-03	6249
<i>LPL</i>	rs7009128	G	A	0.02	-2.73	2.36E-03	1600	-1.83	6.68E-02	2693	-1.01	3.13E-01	1543	-2.24	2.49E-02	2020	-2.98	2.89E-03	6256
<i>LPL</i>	rs28645722	A	G	0.02	-2.73	2.36E-03	1600	-1.45	1.47E-01	2693	-1.28	2.01E-01	1504	-2.24	2.52E-02	2019	-2.86	4.25E-03	6216
<i>LPL</i>	rs1470186	G	A	0.02	-2.73	2.36E-03	1600	-1.65	9.82E-02	2693	-1.01	3.11E-01	1544	-2.18	2.96E-02	2019	-2.82	4.74E-03	6256
<i>LPL</i>	rs6999612	G	A	0.02	-2.74	2.36E-03	1600	-1.40	1.63E-01	2693	-1.32	1.86E-01	1543	-2.18	2.94E-02	2020	-2.81	4.94E-03	6256
<i>LPL</i>	rs17091742	A	G	0.02	-2.73	2.36E-03	1600	-1.60	1.11E-01	2693	-1.03	3.02E-01	1544	-2.17	2.96E-02	2020	-2.80	5.19E-03	6257
<i>LPL</i>	rs28615996	G	A	0.02	-2.73	2.36E-03	1600	-1.53	1.26E-01	2693	-1.03	3.02E-01	1544	-2.18	2.94E-02	2020	-2.76	5.87E-03	6257
<i>LPL</i>	rs7000460	C	A	0.02	-2.73	2.36E-03	1600	-1.45	1.47E-01	2693	-1.01	3.13E-01	1542	-2.18	2.94E-02	2019	-2.69	7.15E-03	6254
<i>LIPC</i>	rs11635491	A	G	0.25	2.72	2.69E-03	1596	1.43	1.53E-01	2688	2.83	4.73E-03	1524	2.22	2.67E-02	2011	3.60	3.23E-04	6223
<i>APOB</i>	rs1042034	G	A	0.20	2.72	2.90E-03	1600	0.74	4.61E-01	2692	1.73	8.43E-02	1542	0.95	3.40E-01	2020	1.88	5.97E-02	6254
<i>LPL</i>	rs28575919	C	G	0.02	-2.67	3.12E-03	1600	-1.59	1.12E-01	2693	-1.17	2.43E-01	1544	-2.18	2.94E-02	2020	-2.86	4.25E-03	6257
<i>LPL</i>	rs7016529	G	A	0.02	-2.67	3.12E-03	1600	-1.59	1.12E-01	2693	-1.01	3.13E-01	1543	-2.18	2.94E-02	2020	-2.78	5.43E-03	6256
<i>PON1/2/3/4</i>	rs10259688	G	A	0.18	-3.16	3.28E-03	1599	-0.86	3.90E-01	2693	1.67	9.55E-02	1544	0.92	3.59E-01	2018	0.79	4.32E-01	6255
<i>APOB</i>	rs1801695	A	G	0.03	2.87	3.39E-03	1600	2.72	6.59E-03	2693	0.50	6.14E-01	1544	1.65	9.80E-02	2020	2.97	2.95E-03	6257

<i>LIPC</i>	rs4774297	C	A	0.44	2.57	3.41E-03	1600	1.47	1.43E-01	2693	0.57	5.66E-01	1539	1.78	7.51E-02	2020	2.26	2.39E-02	6252
<i>FADS1/2/3</i>	rs174576	A	C	0.35	-2.99	3.61E-03	1600	-2.44	1.48E-02	2693	-0.59	5.58E-01	1544	-2.76	5.78E-03	2020	-3.46	5.45E-04	6257
<i>CETP</i>	rs9930761	G	A	0.06	2.85	3.76E-03	1600	1.68	9.34E-02	2693	-0.49	6.25E-01	1539	-0.42	6.77E-01	2018	0.62	5.34E-01	6250
<i>LIPC</i>	rs8035006	A	T	0.31	2.68	3.78E-03	1600	0.03	9.78E-01	2693	2.17	3.02E-02	1544	-1.48	1.39E-01	2019	0.25	8.00E-01	6256
<i>NFKB1</i>	rs17033015	A	C	0.45	-2.78	4.12E-03	1557	-0.65	5.14E-01	2654	-0.52	6.04E-01	1167	-0.23	8.16E-01	2018	-0.81	4.18E-01	5839
<i>LIPC</i>	rs572410	C	G	0.22	2.92	4.14E-03	1600	1.12	2.62E-01	2693	1.43	1.52E-01	1542	1.06	2.88E-01	2020	2.05	4.02E-02	6255
<i>PLTP</i>	rs6073950	T	A	0.34	2.53	4.29E-03	1553	2.06	3.91E-02	2529	-0.60	5.51E-01	1416	0.29	7.68E-01	1995	1.23	2.20E-01	5940
<i>ABCA1</i>	rs3780543	G	A	0.12	2.59	4.55E-03	1600	1.49	1.36E-01	2683	1.32	1.87E-01	1526	0.02	9.84E-01	2019	1.64	1.00E-01	6228
<i>NFKB1</i>	rs3774968	A	G	0.46	-2.72	4.76E-03	1600	-0.09	9.31E-01	2693	-0.23	8.22E-01	1542	-0.69	4.89E-01	2019	-0.56	5.75E-01	6254
<i>FADS1/2/3</i>	rs2072114	G	A	0.14	-2.87	4.89E-03	1600	-1.79	7.36E-02	2693	-1.37	1.70E-01	1537	-2.09	3.67E-02	2020	-3.04	2.35E-03	6250
<i>CETP</i>	rs736274	T	A	0.10	2.65	4.92E-03	1600	0.01	9.94E-01	2691	2.83	4.68E-03	1542	2.88	4.04E-03	2020	3.04	2.34E-03	6253
<i>ABCG8</i>	rs17606027	G	A	0.13	2.67	4.96E-03	1600	0.25	8.03E-01	2693	-0.90	3.70E-01	1542	-0.30	7.60E-01	2020	-0.46	6.49E-01	6255
<i>SCARB1</i>	rs4765180	A	G	0.44	2.53	5.04E-03	1596	1.27	2.05E-01	2691	0.80	4.25E-01	1541	0.26	7.93E-01	2015	1.38	1.69E-01	6247
<i>PCSK5</i>	rs10869668	G	C	0.22	-2.88	5.05E-03	1596	-0.59	5.53E-01	2688	0.17	8.64E-01	1540	0.39	6.96E-01	2016	-0.08	9.35E-01	6244
<i>FADS1/2/3</i>	rs174548	C	G	0.31	-2.91	5.28E-03	1600	-1.86	6.32E-02	2692	0.01	9.92E-01	1542	-2.92	3.50E-03	2019	-2.87	4.07E-03	6253
<i>FADS1/2/3</i>	rs174570	A	G	0.14	-2.95	5.35E-03	1600	-2.92	3.52E-03	2693	-2.65	8.16E-03	1543	-1.41	1.58E-01	2020	-4.03	5.55E-05	6256
<i>LIPC</i>	rs8033940	A	G	0.28	2.51	5.65E-03	1598	1.43	1.53E-01	2690	3.61	3.20E-04	1543	2.16	3.11E-02	2020	3.95	7.80E-05	6253
<i>NFKB1</i>	rs7674640	G	A	0.51	-2.57	5.68E-03	1571	0.71	4.77E-01	2582	-1.05	2.93E-01	1462	-0.36	7.16E-01	2013	-0.26	7.93E-01	6057
<i>CUBN</i>	rs12411446	G	A	0.04	-2.72	5.68E-03	1600	0.04	9.70E-01	2693	0.92	3.57E-01	1543	-1.35	1.77E-01	2018	-0.28	7.76E-01	6254
<i>CETP</i>	rs5880	C	G	0.05	-2.53	5.78E-03	1600	-4.15	3.50E-05	2693	-4.18	3.04E-05	1544	-2.22	2.67E-02	2020	-6.05	1.49E-09	6257
<i>LRP1</i>	rs1799986	A	G	0.14	2.50	5.81E-03	1600	1.85	6.52E-02	2685	-0.81	4.16E-01	1540	-0.63	5.30E-01	2019	0.45	6.54E-01	6244

<i>PON1/2/3/4</i>	rs17884563	T	A	0.11	-3.10	5.81E-03	1600	-0.89	3.73E-01	2670	-0.30	7.66E-01	1544	1.12	2.61E-01	2020	0.09	9.27E-01	6234
<i>ABCA1</i>	rs12235875	G	A	0.05	2.48	5.86E-03	1600	0.56	5.72E-01	2682	0.90	3.67E-01	1537	1.40	1.61E-01	2019	1.62	1.06E-01	6238
<i>RXRA</i>	rs35123561	A	G	0.08	-2.69	5.86E-03	1600	-0.25	8.01E-01	2693	0.02	9.86E-01	1544	0.67	5.03E-01	2020	0.23	8.22E-01	6257
<i>LIPC</i>	rs8034802	A	T	0.27	2.51	5.94E-03	1599	1.20	2.30E-01	2692	3.33	8.78E-04	1541	2.31	2.07E-02	2017	3.75	1.74E-04	6250
<i>LPL</i>	rs1800590	C	A	0.03	-2.44	5.97E-03	1600	-0.83	4.04E-01	2692	-1.31	1.92E-01	1544	-2.25	2.47E-02	2019	-2.47	1.34E-02	6255
<i>LPL</i>	rs1031045	A	G	0.03	-2.44	5.97E-03	1600	-0.59	5.56E-01	2693	-1.25	2.11E-01	1544	-2.18	2.94E-02	2020	-2.25	2.48E-02	6257
<i>LIPG</i>	rs12966382	A	G	0.14	2.59	6.04E-03	1600	0.11	9.09E-01	2693	0.06	9.49E-01	1542	2.41	1.59E-02	2018	1.48	1.40E-01	6253
<i>CETP</i>	rs12720918	G	A	0.30	-2.64	6.13E-03	1599	-3.56	3.74E-04	2693	-3.77	1.69E-04	1543	-4.68	2.86E-06	2020	-6.86	6.81E-12	6256
<i>APOA1/A4/A5/C3</i>	rs12285095	C	A	0.08	-2.85	7.15E-03	1600	-2.04	4.14E-02	2693	-1.42	1.56E-01	1544	-1.61	1.08E-01	2020	-2.96	3.10E-03	6257
<i>PLTP</i>	rs6065904	A	G	0.22	-2.33	7.21E-03	1599	-0.29	7.72E-01	2693	0.14	8.90E-01	1542	-1.88	5.97E-02	2020	-1.19	2.33E-01	6255
<i>FADS1/2/3</i>	rs2524299	T	A	0.13	-2.74	7.34E-03	1598	-1.29	1.98E-01	2691	-1.40	1.61E-01	1542	-2.03	4.24E-02	2019	-2.69	7.07E-03	6252
<i>FADS1/2/3</i>	rs174535	G	A	0.35	-2.76	7.38E-03	1598	-2.33	2.01E-02	2693	-0.92	3.56E-01	1542	-3.00	2.73E-03	2020	-3.69	2.28E-04	6255
<i>SOAT1</i>	rs2255375	G	A	0.16	2.88	7.39E-03	1600	1.25	2.12E-01	2693	0.16	8.74E-01	1543	-0.76	4.46E-01	2020	0.47	6.42E-01	6256
<i>NFKB1</i>	rs230528	C	A	0.36	2.57	7.70E-03	1573	1.38	1.66E-01	2664	0.26	7.94E-01	1417	1.91	5.62E-02	2018	2.14	3.25E-02	6099
<i>CETP</i>	rs289742	C	G	0.11	2.48	7.77E-03	1600	0.13	9.01E-01	2692	3.44	5.93E-04	1543	2.74	6.05E-03	2020	3.35	8.15E-04	6255
<i>APOA1/A4/A5/C3</i>	rs12287066	A	C	0.08	-2.81	8.34E-03	1600	-2.05	4.03E-02	2691	-1.61	1.07E-01	1540	-1.65	9.89E-02	2019	-3.08	2.04E-03	6250
<i>CUBN</i>	rs12416115	G	A	0.04	-2.59	8.45E-03	1600	0.26	7.95E-01	2693	0.92	3.57E-01	1543	-1.44	1.49E-01	2018	-0.19	8.49E-01	6254
<i>ABCA1</i>	rs1883025	A	G	0.29	-2.45	8.51E-03	1599	-1.37	1.71E-01	2693	-0.85	3.94E-01	1544	-2.62	8.86E-03	2020	-2.81	4.98E-03	6257
<i>LIPC</i>	rs4775065	A	G	0.23	2.36	8.55E-03	1600	-0.39	7.00E-01	2692	-1.03	3.04E-01	1543	1.57	1.17E-01	2019	0.13	8.99E-01	6254
<i>PLTP</i>	rs4810479	G	A	0.26	-2.14	8.64E-03	1599	-0.16	8.73E-01	2693	0.47	6.39E-01	1543	-2.48	1.33E-02	2018	-1.28	2.01E-01	6254
<i>SCARB1</i>	rs4379922	G	A	0.34	2.41	8.96E-03	1600	1.62	1.06E-01	2693	1.20	2.31E-01	1543	0.31	7.54E-01	2019	1.83	6.66E-02	6255

<i>PDZK1IP1</i>	rs12760654	A	G	0.22	-2.47	9.23E-03	1600	-0.57	5.70E-01	2693	0.35	7.27E-01	1539	-0.25	7.99E-01	2019	-0.34	7.31E-01	6251
<i>CETP</i>	rs12447924	G	A	0.24	-2.13	9.24E-03	1597	-2.25	2.48E-02	2684	-0.72	4.69E-01	1538	-2.78	5.39E-03	2020	-3.42	6.39E-04	6242
<i>PON1/2/3/4</i>	rs17880030	A	G	0.20	-2.67	9.27E-03	1599	-0.42	6.73E-01	2689	1.29	1.99E-01	1542	0.89	3.74E-01	2020	0.87	3.87E-01	6251
<i>NFKB1</i>	rs3774964	G	A	0.33	2.62	9.38E-03	1600	2.03	4.30E-02	2693	-0.06	9.55E-01	1539	2.05	4.00E-02	2020	2.47	1.36E-02	6252
<i>LIPC</i>	rs1869144	G	A	0.37	2.34	9.48E-03	1600	-0.08	9.33E-01	2693	-0.54	5.91E-01	1541	0.29	7.71E-01	2019	-0.16	8.76E-01	6253
<i>GPR109A/B/81</i>	rs3922628	T	A	0.20	2.61	9.59E-03	1597	1.13	2.58E-01	2684	0.56	5.73E-01	1434	3.12	1.81E-03	2017	2.81	4.95E-03	6135
<i>LIPC</i>	rs2070895	A	G	0.20	2.60	9.84E-03	1600	1.56	1.18E-01	2693	3.48	5.16E-04	1541	2.43	1.50E-02	2020	4.13	3.59E-05	6254
<i>LPL</i>	rs1121923	A	G	0.04	2.26	1.01E-02	1600	-0.12	9.02E-01	2691	0.13	8.97E-01	1544	-1.16	2.47E-01	2019	-0.67	5.01E-01	6254
<i>PON1/2/3/4</i>	rs17881071	A	G	0.20	-2.63	1.02E-02	1600	-0.54	5.89E-01	2691	1.47	1.43E-01	1541	1.06	2.89E-01	2020	0.98	3.30E-01	6252
<i>LIPC</i>	rs261332	A	G	0.18	2.61	1.02E-02	1600	1.33	1.82E-01	2692	3.54	4.16E-04	1544	2.47	1.34E-02	2019	4.03	5.50E-05	6255
<i>LPL</i>	rs285	A	G	0.43	2.45	1.03E-02	1600	1.52	1.29E-01	2692	1.84	6.67E-02	1542	1.11	2.69E-01	2020	2.53	1.13E-02	6254
<i>PAFAH1B2</i>	rs4938349	G	A	0.23	2.69	1.06E-02	1599	2.11	3.47E-02	2693	-0.68	4.98E-01	1539	-0.19	8.51E-01	2020	0.94	3.46E-01	6252
<i>LIPC</i>	rs4775067	A	C	0.23	2.28	1.09E-02	1595	-0.25	8.01E-01	2623	-1.00	3.16E-01	1537	1.50	1.32E-01	2016	0.20	8.45E-01	6176
<i>PON1/2/3/4</i>	rs854568	G	A	0.22	2.97	1.09E-02	1600	1.09	2.74E-01	2693	0.33	7.44E-01	1543	0.74	4.58E-01	2020	1.30	1.93E-01	6256
<i>HDLBP</i>	rs2305071	C	G	0.12	-2.41	1.10E-02	1600	1.18	2.37E-01	2693	0.15	8.77E-01	1536	0.89	3.72E-01	2020	1.36	1.74E-01	6249
<i>PON1/2/3/4</i>	rs13228784	G	A	0.23	2.59	1.11E-02	1600	0.67	5.06E-01	2693	0.70	4.84E-01	1543	2.48	1.30E-02	2020	2.20	2.81E-02	6256
<i>PON1/2/3/4</i>	rs740264	C	A	0.23	2.59	1.11E-02	1600	0.60	5.48E-01	2693	0.77	4.42E-01	1543	2.45	1.42E-02	2019	2.17	3.01E-02	6255
<i>PAFAH1B2</i>	rs10790175	A	G	0.23	2.69	1.12E-02	1600	2.26	2.38E-02	2693	-0.75	4.51E-01	1540	-0.23	8.19E-01	2020	0.98	3.28E-01	6253
<i>LIPC</i>	rs1800588	A	G	0.19	2.54	1.15E-02	1600	1.33	1.85E-01	2692	3.46	5.64E-04	1541	2.62	8.70E-03	2019	4.07	4.65E-05	6252
<i>PON1/2/3/4</i>	rs2272365	C	A	0.16	-2.67	1.15E-02	1600	0.23	8.16E-01	2692	0.23	8.21E-01	1542	0.11	9.13E-01	2020	0.33	7.44E-01	6254
<i>LPL</i>	rs3289	G	A	0.03	-2.30	1.16E-02	1600	-2.23	2.58E-02	2692	-1.51	1.32E-01	1542	-1.08	2.81E-01	2020	-2.83	4.73E-03	6254

<i>PCSK5</i>	rs1339248	G	A	0.13	2.48	1.19E-02	1600	0.54	5.88E-01	2689	1.43	1.53E-01	1544	-1.55	1.21E-01	2020	0.19	8.53E-01	6253
<i>ABCA1</i>	rs4149313	G	A	0.13	2.26	1.19E-02	1600	1.56	1.20E-01	2693	1.42	1.56E-01	1543	-0.01	9.88E-01	2020	1.72	8.61E-02	6256
<i>RXRA</i>	rs1805348	A	G	0.01	2.35	1.19E-02	1600	-0.15	8.84E-01	2693	-1.10	2.70E-01	1542	-1.17	2.41E-01	2020	-1.31	1.90E-01	6255
<i>GPR109A/B/81</i>	rs7972971	C	A	0.37	2.52	1.20E-02	1589	-0.72	4.74E-01	2681	-2.13	3.30E-02	1537	-1.87	6.09E-02	2016	-2.59	9.49E-03	6234
<i>CETP</i>	rs12447839	G	A	0.24	-2.05	1.21E-02	1585	-2.18	2.97E-02	2587	-0.62	5.34E-01	1540	-2.75	5.93E-03	2016	-3.30	9.71E-04	6143
<i>PPARA</i>	rs9626737	G	A	0.03	-2.53	1.21E-02	1600	0.63	5.29E-01	2693	1.18	2.38E-01	1537	0.46	6.49E-01	2020	1.26	2.09E-01	6250
<i>LCAT</i>	rs17240399	A	G	0.01	-2.23	1.23E-02	1576	-0.28	7.82E-01	2470	-0.89	3.74E-01	1431	-0.10	9.22E-01	2014	-0.67	5.01E-01	5915
<i>PLTP</i>	rs11569668	A	G	0.03	-2.34	1.26E-02	1599	0.49	6.24E-01	2684	-0.86	3.91E-01	1510	0.54	5.88E-01	2018	0.21	8.35E-01	6212
<i>NFKB1</i>	rs1598857	A	G	0.35	2.37	1.33E-02	1599	1.08	2.80E-01	2686	-0.28	7.83E-01	1538	1.96	4.94E-02	2018	1.69	9.12E-02	6242
<i>CETP</i>	rs289715	A	T	0.11	2.27	1.35E-02	1600	0.03	9.77E-01	2693	2.65	8.07E-03	1543	2.63	8.61E-03	2020	2.83	4.69E-03	6256
<i>PCSK5</i>	rs17668141	A	G	0.38	-2.58	1.36E-02	1600	-2.39	1.70E-02	2692	-1.56	1.18E-01	1544	1.41	1.59E-01	2019	-1.54	1.23E-01	6255
<i>CUBN</i>	rs2271469	A	C	0.53	-2.43	1.39E-02	1600	1.57	1.17E-01	2693	-0.36	7.17E-01	1544	1.84	6.58E-02	2020	0.20	8.43E-01	6257
<i>APOA1/A4/A5/C3</i>	rs689243	G	C	0.35	2.51	1.39E-02	1600	2.25	2.43E-02	2693	0.03	9.79E-01	1541	-0.42	6.78E-01	2020	1.26	2.10E-01	6254
<i>CETP</i>	rs4783962	A	G	0.24	-2.00	1.39E-02	1600	-2.18	2.96E-02	2693	-0.66	5.09E-01	1540	-2.61	9.14E-03	2019	-3.24	1.21E-03	6252
<i>PPARG</i>	rs1152001	G	A	0.20	2.36	1.41E-02	1599	-0.71	4.77E-01	2692	-0.38	7.04E-01	1541	-2.84	4.52E-03	2020	-2.27	2.33E-02	6253
<i>PPARD</i>	rs1053049	G	A	0.25	2.47	1.44E-02	1600	2.05	4.05E-02	2691	0.09	9.29E-01	1536	0.46	6.44E-01	2020	1.65	9.85E-02	6247
<i>LIPC</i>	rs4775070	A	G	0.03	2.47	1.44E-02	1600	1.59	1.13E-01	2693	0.45	6.52E-01	1544	1.75	8.04E-02	2020	2.26	2.40E-02	6257
<i>LPL</i>	rs258	G	C	0.41	2.43	1.49E-02	1600	1.34	1.81E-01	2693	1.95	5.16E-02	1540	1.25	2.11E-01	2018	2.56	1.06E-02	6251
<i>SOAT1</i>	rs4421551	C	A	0.13	2.55	1.52E-02	1600	2.12	3.40E-02	2690	0.90	3.68E-01	1530	0.06	9.56E-01	2020	1.87	6.16E-02	6240
<i>PCSK5</i>	rs4552981	A	T	0.46	2.55	1.53E-02	1600	1.33	1.82E-01	2693	0.56	5.74E-01	1544	-0.27	7.84E-01	2019	1.00	3.18E-01	6256
<i>ABCG1</i>	rs4148139	A	G	0.19	2.46	1.53E-02	1600	2.84	4.57E-03	2693	0.95	3.41E-01	1543	1.46	1.44E-01	2020	3.16	1.56E-03	6256

<i>LPL</i>	rs253	A	G	0.41	2.45	1.57E-02	1600	1.58	1.15E-01	2692	1.42	1.56E-01	1537	1.08	2.78E-01	2020	2.36	1.85E-02	6249
<i>NFKB1</i>	rs1599961	A	G	0.36	2.32	1.59E-02	1600	1.03	3.01E-01	2693	-0.29	7.72E-01	1539	1.97	4.88E-02	2020	1.65	9.81E-02	6252
<i>CUBN</i>	rs7893634	A	G	0.39	-2.41	1.59E-02	1600	0.94	3.47E-01	2693	-1.81	7.03E-02	1542	0.46	6.44E-01	2019	-0.02	9.85E-01	6254
<i>PCSK5</i>	rs2789608	G	C	0.38	2.45	1.61E-02	1599	2.63	8.58E-03	2693	0.93	3.54E-01	1543	-1.36	1.73E-01	2020	1.41	1.58E-01	6256
<i>CETP</i>	rs4587963	A	T	0.23	-1.95	1.67E-02	1597	-2.28	2.29E-02	2686	-0.33	7.40E-01	1533	-2.80	5.16E-03	2019	-3.25	1.16E-03	6238
<i>LIPC</i>	rs1869145	G	A	0.22	2.13	1.71E-02	1600	-0.75	4.52E-01	2690	-0.92	3.58E-01	1538	1.53	1.25E-01	2019	-0.08	9.38E-01	6247
<i>NFKB1</i>	rs3774933	G	A	0.36	2.28	1.72E-02	1600	1.02	3.06E-01	2692	-0.21	8.32E-01	1540	2.02	4.29E-02	2019	1.72	8.60E-02	6251
<i>LRP1</i>	rs7398375	G	C	0.28	-2.23	1.74E-02	1600	1.10	2.72E-01	2693	0.61	5.44E-01	1541	0.74	4.58E-01	2020	1.44	1.49E-01	6254
<i>ABCA1</i>	rs2472507	C	A	0.22	2.23	1.76E-02	1600	1.57	1.16E-01	2693	0.71	4.77E-01	1544	1.38	1.69E-01	2020	2.17	3.02E-02	6257
<i>NFKB1</i>	rs4648004	G	A	0.36	-2.25	1.79E-02	1599	0.46	6.42E-01	2693	0.59	5.55E-01	1542	-1.65	9.98E-02	2020	-0.34	7.36E-01	6255
<i>TCF1</i>	rs2464196	A	G	0.32	2.62	1.80E-02	1600	1.42	1.55E-01	2693	-0.37	7.08E-01	1532	-0.05	9.61E-01	2020	0.72	4.72E-01	6245
<i>PCSK5</i>	rs1856508	A	C	0.08	2.29	1.80E-02	1598	1.01	3.12E-01	2690	1.33	1.83E-01	1537	0.40	6.86E-01	2020	1.55	1.20E-01	6247
<i>FADS1/2/3</i>	rs102275	G	A	0.35	-2.44	1.81E-02	1600	-2.19	2.88E-02	2693	-0.75	4.54E-01	1541	-2.91	3.64E-03	2020	-3.46	5.42E-04	6254
<i>ABCG4</i>	rs626776	G	C	0.35	-2.03	1.81E-02	1600	-0.07	9.46E-01	2693	1.57	1.16E-01	1543	2.59	9.48E-03	2020	2.21	2.71E-02	6256
<i>RXRA</i>	rs35180144	C	A	0.09	-2.11	1.82E-02	1598	-1.42	1.57E-01	2693	-0.31	7.60E-01	1544	0.10	9.24E-01	2019	-1.03	3.04E-01	6256
<i>GPR109A/B/81</i>	rs4759383	G	A	0.45	-2.64	1.82E-02	1600	0.99	3.23E-01	2693	1.57	1.16E-01	1544	0.68	4.94E-01	2020	1.82	6.90E-02	6257
<i>CUBN</i>	rs1687714	A	C	0.35	2.22	1.83E-02	1600	-1.80	7.27E-02	2693	0.73	4.68E-01	1544	0.69	4.91E-01	2020	-0.43	6.70E-01	6257
<i>LIPC</i>	rs12900448	A	G	0.22	2.09	1.84E-02	1600	-0.57	5.70E-01	2693	-0.84	4.00E-01	1543	1.56	1.19E-01	2020	-0.10	9.24E-01	6256
<i>LIPC</i>	rs12898984	A	G	0.22	2.08	1.84E-02	1600	-0.59	5.56E-01	2693	-0.88	3.81E-01	1544	1.56	1.19E-01	2020	-0.06	9.49E-01	6257
<i>PPARD</i>	rs2076167	G	A	0.24	2.38	1.89E-02	1600	2.08	3.78E-02	2693	0.15	8.82E-01	1543	0.39	7.00E-01	2020	1.66	9.77E-02	6256
<i>SCARB1</i>	rs4765623	A	G	0.34	2.11	1.90E-02	1600	0.88	3.81E-01	2692	0.86	3.90E-01	1544	-0.63	5.27E-01	2020	0.64	5.21E-01	6256

<i>CUBN</i>	rs1707289	C	A	0.35	2.19	1.92E-02	1597	-1.86	6.36E-02	2689	0.73	4.64E-01	1537	0.65	5.14E-01	2020	-0.48	6.30E-01	6246
<i>LRP1</i>	rs715948	A	G	0.32	-2.32	1.99E-02	1600	1.00	3.17E-01	2693	1.54	1.23E-01	1544	2.02	4.32E-02	2020	2.57	1.01E-02	6257
<i>FAS</i>	rs1291206	A	G	0.21	2.22	2.00E-02	1597	0.48	6.31E-01	2690	0.40	6.92E-01	1518	-1.51	1.30E-01	2020	-0.35	7.27E-01	6228
<i>ABCA1</i>	rs2275545	G	A	0.16	-2.27	2.11E-02	1600	-0.26	7.95E-01	2693	-1.75	7.97E-02	1542	-1.90	5.74E-02	2020	-2.12	3.40E-02	6255
<i>LIPC</i>	rs588136	G	A	0.19	2.36	2.11E-02	1585	2.10	3.63E-02	2670	3.38	7.58E-04	1531	2.19	2.89E-02	2020	4.29	1.81E-05	6221
<i>PPARD</i>	rs2267667	G	C	0.25	2.35	2.11E-02	1600	1.80	7.14E-02	2693	0.73	4.68E-01	1544	0.43	6.68E-01	2020	1.79	7.40E-02	6257
<i>LIPC</i>	rs12909642	A	C	0.14	-2.19	2.13E-02	1600	0.47	6.36E-01	2693	-1.21	2.25E-01	1543	0.37	7.12E-01	2018	-0.08	9.35E-01	6254
<i>NFKB1</i>	rs4648011	C	A	0.36	2.22	2.15E-02	1600	0.93	3.52E-01	2693	-0.03	9.73E-01	1538	2.15	3.19E-02	2018	1.81	6.98E-02	6249
<i>PLTP</i>	rs378114	A	G	0.26	1.91	2.17E-02	1598	1.17	2.43E-01	2693	0.65	5.18E-01	1543	1.97	4.83E-02	2020	2.21	2.72E-02	6256
<i>PON1/2/3/4</i>	rs11768074	A	G	0.14	2.36	2.19E-02	1600	-0.39	6.96E-01	2693	0.35	7.23E-01	1543	1.20	2.29E-01	2020	0.60	5.46E-01	6256
<i>LPL</i>	rs10099160	C	A	0.22	-2.50	2.22E-02	1600	-1.12	2.65E-01	2693	-0.30	7.67E-01	1542	-1.75	7.93E-02	2020	-1.88	6.06E-02	6255
<i>ABCG1</i>	rs914189	C	G	0.19	2.34	2.23E-02	1600	2.78	5.50E-03	2693	1.20	2.29E-01	1544	1.51	1.32E-01	2020	3.27	1.06E-03	6257
<i>PPARG</i>	rs2067819	A	G	0.20	2.23	2.25E-02	1599	0.19	8.50E-01	2692	-0.51	6.11E-01	1542	-0.88	3.76E-01	2017	-0.63	5.28E-01	6251
<i>APOE/C1/C2</i>	rs1064725	C	A	0.04	2.09	2.25E-02	1600	-0.34	7.33E-01	2691	0.03	9.72E-01	1542	-1.23	2.20E-01	2020	-0.90	3.66E-01	6253
<i>LIPC</i>	rs4774301	A	G	0.23	2.04	2.27E-02	1600	-0.87	3.85E-01	2693	-0.74	4.59E-01	1543	1.65	9.92E-02	2020	0.00	9.99E-01	6256
<i>ABCA1</i>	rs3780542	A	G	0.07	2.16	2.28E-02	1600	0.32	7.47E-01	2693	1.03	3.05E-01	1536	1.32	1.88E-01	2018	1.47	1.42E-01	6247
<i>CUBN</i>	rs1707277	A	G	0.35	2.13	2.31E-02	1600	-1.78	7.53E-02	2692	0.74	4.57E-01	1544	0.67	5.06E-01	2020	-0.42	6.76E-01	6256
<i>LPL</i>	rs3200218	G	A	0.22	-2.49	2.31E-02	1600	-1.20	2.32E-01	2693	-0.26	7.98E-01	1540	-1.68	9.25E-02	2020	-1.87	6.18E-02	6253
<i>ABCA1</i>	rs2275544	G	A	0.15	-2.26	2.32E-02	1599	-0.49	6.26E-01	2693	-1.81	7.02E-02	1542	-1.76	7.87E-02	2019	-2.22	2.65E-02	6254
<i>LIPC</i>	rs17301781	A	G	0.14	-2.14	2.38E-02	1600	0.23	8.17E-01	2693	-1.26	2.09E-01	1544	0.33	7.40E-01	2020	-0.29	7.76E-01	6257
<i>HNF4A</i>	rs11574736	G	C	0.16	2.56	2.44E-02	1600	1.26	2.07E-01	2693	-0.76	4.50E-01	1540	-2.49	1.28E-02	2019	-0.96	3.37E-01	6252

<i>ABCB4</i>	rs8187799	G	A	0.09	-2.11	2.45E-02	1600	-0.45	6.51E-01	2693	-0.88	3.78E-01	1544	-0.53	5.99E-01	2020	-1.03	3.01E-01	6257
<i>PON1/2/3/4</i>	rs705382	C	G	0.35	2.45	2.50E-02	1599	-0.84	4.01E-01	2693	1.44	1.51E-01	1544	0.93	3.52E-01	2020	0.69	4.89E-01	6257
<i>CUBN</i>	rs4525114	G	A	0.05	1.91	2.53E-02	1599	-0.62	5.35E-01	2692	-0.53	5.95E-01	1543	-0.88	3.80E-01	2018	-1.17	2.42E-01	6253
<i>PCSK6</i>	rs7179905	T	A	0.18	2.40	2.55E-02	1503	0.01	9.93E-01	2624	-0.44	6.57E-01	1496	NA	NA	0	-0.26	7.95E-01	4120
<i>LIPC</i>	rs8028759	G	A	0.32	2.02	2.56E-02	1600	-0.06	9.54E-01	2693	1.80	7.17E-02	1543	1.00	3.16E-01	2020	1.43	1.54E-01	6256
<i>SORCS1</i>	rs17121941	G	A	0.09	2.32	2.61E-02	1600	-0.51	6.12E-01	2687	2.05	4.03E-02	1544	0.53	5.93E-01	2020	0.99	3.22E-01	6251
<i>SOAT1</i>	rs3753525	A	C	0.27	2.43	2.61E-02	1600	1.72	8.54E-02	2693	0.13	8.98E-01	1541	-0.47	6.41E-01	2020	0.93	3.54E-01	6254
<i>ABCA1</i>	rs3847300	A	G	0.14	-2.11	2.62E-02	1505	-0.95	3.41E-01	2632	-2.45	1.46E-02	1495	-1.66	9.75E-02	2018	-2.78	5.47E-03	6145
<i>CUBN</i>	rs1707278	C	G	0.35	2.08	2.67E-02	1600	-1.91	5.58E-02	2692	0.79	4.31E-01	1542	0.70	4.85E-01	2020	-0.47	6.41E-01	6254
<i>SORCS1</i>	rs12243117	A	G	0.01	2.03	2.67E-02	1600	0.75	4.53E-01	2693	-1.13	2.58E-01	1544	-0.15	8.80E-01	2020	-0.16	8.76E-01	6257
<i>PCSK5</i>	rs3814115	G	A	0.35	-2.24	2.70E-02	1600	-2.05	4.04E-02	2687	0.73	4.69E-01	1544	0.96	3.35E-01	2020	-0.44	6.63E-01	6251
<i>APOE/C1/C2</i>	rs2075650	G	A	0.15	-2.34	2.74E-02	1600	-4.15	3.46E-05	2693	-2.31	2.12E-02	1544	-1.36	1.73E-01	2020	-4.64	3.55E-06	6257
<i>HDLBP</i>	rs2305076	A	G	0.10	-2.09	2.74E-02	1600	0.68	4.98E-01	2693	1.32	1.88E-01	1544	0.75	4.51E-01	2020	1.53	1.27E-01	6257
<i>PON1/2/3/4</i>	rs11764079	A	G	0.24	2.23	2.75E-02	1600	0.60	5.46E-01	2693	1.27	2.03E-01	1538	2.33	2.00E-02	2019	2.35	1.88E-02	6250
<i>PON1/2/3/4</i>	rs13226149	A	G	0.24	2.22	2.75E-02	1600	0.41	6.78E-01	2693	1.26	2.08E-01	1538	2.20	2.76E-02	2020	2.15	3.16E-02	6251
<i>CUBN</i>	rs10904839	G	A	0.22	-2.21	2.77E-02	1600	0.77	4.40E-01	2693	-1.32	1.88E-01	1544	0.90	3.66E-01	2020	-0.37	7.15E-01	6257
<i>PCSK5</i>	rs1023181	G	A	0.29	2.24	2.79E-02	1600	0.15	8.83E-01	2693	0.51	6.12E-01	1541	1.81	6.97E-02	2020	1.38	1.68E-01	6254
<i>SCARB1</i>	rs10744182	G	A	0.41	-2.15	2.82E-02	1545	0.36	7.17E-01	2604	0.32	7.48E-01	1351	0.93	3.51E-01	2001	0.93	3.50E-01	5956
<i>PDZK1IP1</i>	rs11211477	A	G	0.28	-1.91	2.84E-02	1600	0.75	4.53E-01	2693	1.42	1.56E-01	1543	-0.24	8.09E-01	2020	1.06	2.89E-01	6256
<i>SCARB1</i>	rs1070544	C	A	0.03	2.03	2.84E-02	1600	0.54	5.92E-01	2693	1.08	2.79E-01	1543	-0.41	6.78E-01	2019	0.65	5.14E-01	6255
<i>NFKB1</i>	rs230541	G	A	0.37	2.17	2.84E-02	1600	1.52	1.29E-01	2693	-0.01	9.91E-01	1541	1.96	4.98E-02	2019	2.11	3.52E-02	6253

<i>ABCA1</i>	rs3858076	C	A	0.16	-2.18	2.90E-02	1599	-0.47	6.42E-01	2692	-1.81	7.01E-02	1541	-1.88	5.96E-02	2020	-2.28	2.29E-02	6253
<i>FAS</i>	rs9658771	A	G	0.02	2.09	2.98E-02	1600	-0.63	5.30E-01	2693	-0.21	8.36E-01	1543	1.91	5.60E-02	2020	0.57	5.68E-01	6256
<i>LIPC</i>	rs12914552	G	C	0.18	-2.00	3.00E-02	1600	0.11	9.16E-01	2693	-1.42	1.57E-01	1542	0.28	7.79E-01	2020	-0.48	6.35E-01	6255
<i>LIPC</i>	rs9652472	G	A	0.05	2.30	3.02E-02	1599	1.19	2.36E-01	2683	-0.73	4.64E-01	1542	0.66	5.10E-01	2020	0.79	4.31E-01	6245
<i>PPARA</i>	rs4253650	A	G	0.04	-2.17	3.03E-02	1599	1.21	2.27E-01	2690	-0.68	4.99E-01	1544	-0.05	9.60E-01	2019	0.43	6.69E-01	6253
<i>ABCA1</i>	rs1800977	A	G	0.36	2.24	3.05E-02	1600	2.27	2.34E-02	2693	0.72	4.74E-01	1543	0.64	5.24E-01	2020	2.21	2.74E-02	6256
<i>NFKB1</i>	rs1287	A	G	0.37	2.13	3.17E-02	1600	1.47	1.41E-01	2692	-0.02	9.83E-01	1536	2.01	4.48E-02	2019	2.10	3.59E-02	6247
<i>PPARD</i>	rs9658105	A	G	0.04	-2.14	3.20E-02	1600	-0.38	7.07E-01	2693	-1.85	6.46E-02	1542	0.17	8.61E-01	2020	-1.07	2.87E-01	6255
<i>LIPG</i>	rs4245232	A	C	0.19	-2.07	3.22E-02	1585	-0.36	7.16E-01	2684	NA	NA	0	-0.11	9.12E-01	2020	-0.35	7.28E-01	4704
<i>ABCA1</i>	rs2065412	G	A	0.41	-2.00	3.24E-02	1600	-0.78	4.35E-01	2693	-0.79	4.27E-01	1543	-1.03	3.03E-01	2020	-1.49	1.36E-01	6256
<i>RXRA</i>	rs7853153	A	G	0.03	2.19	3.26E-02	1600	2.07	3.89E-02	2691	-0.24	8.11E-01	1541	-0.19	8.49E-01	2020	1.13	2.59E-01	6252
<i>LIPC</i>	rs8039477	G	A	0.12	2.02	3.29E-02	1597	1.00	3.17E-01	2692	0.89	3.75E-01	1534	-0.71	4.77E-01	2020	0.69	4.89E-01	6246
<i>SCARB1</i>	rs12229555	G	A	0.21	2.06	3.32E-02	1599	0.52	6.04E-01	2693	-0.14	8.87E-01	1542	-0.69	4.91E-01	2019	-0.12	9.03E-01	6254
<i>PPARD</i>	rs9658083	G	C	0.08	1.84	3.36E-02	1600	0.07	9.44E-01	2689	0.12	9.01E-01	1544	-0.48	6.28E-01	2019	-0.17	8.67E-01	6252
<i>ABCA1</i>	rs13284054	G	A	0.14	-2.04	3.52E-02	1579	-1.44	1.52E-01	2661	-2.39	1.70E-02	1537	-1.53	1.27E-01	2017	-3.00	2.74E-03	6215
<i>NFKB1</i>	rs1598861	C	A	0.43	-1.89	3.52E-02	1555	0.28	7.78E-01	2097	0.47	6.39E-01	1493	-1.87	6.20E-02	1967	-0.69	4.88E-01	5557
<i>FAS</i>	rs6010621	A	C	0.20	1.95	3.52E-02	1599	-0.15	8.81E-01	2693	0.02	9.81E-01	1541	-0.57	5.71E-01	2020	-0.41	6.83E-01	6254
<i>PPARD</i>	rs7751726	A	G	0.04	1.93	3.55E-02	1600	1.51	1.32E-01	2693	0.69	4.92E-01	1544	-0.75	4.55E-01	2017	0.91	3.64E-01	6254
<i>SORCS1</i>	rs822090	A	G	0.04	-1.96	3.55E-02	1600	-0.29	7.74E-01	2687	1.89	5.95E-02	1544	-1.16	2.47E-01	2019	-0.09	9.29E-01	6250
<i>PPARA</i>	rs4253760	C	A	0.19	-2.00	3.57E-02	1591	1.51	1.30E-01	2682	1.38	1.69E-01	1526	0.43	6.64E-01	2019	1.92	5.47E-02	6227
<i>FAS</i>	rs6010620	A	G	0.21	1.94	3.58E-02	1600	-0.15	8.81E-01	2693	0.02	9.81E-01	1541	-0.57	5.71E-01	2020	-0.41	6.83E-01	6254

<i>NFKB1</i>	rs12509403	A	G	0.30	2.11	3.58E-02	1600	1.42	1.55E-01	2693	0.22	8.23E-01	1542	1.87	6.11E-02	2019	2.11	3.50E-02	6254
<i>HDLBP</i>	rs2305075	G	A	0.10	-1.97	3.62E-02	1600	0.71	4.79E-01	2693	1.17	2.41E-01	1544	0.76	4.48E-01	2020	1.48	1.39E-01	6257
<i>APOA1/A4/A5/C3</i>	rs12286037	A	G	0.08	-2.33	3.64E-02	1600	-2.08	3.75E-02	2693	-1.36	1.74E-01	1543	-1.19	2.36E-01	2018	-2.71	6.65E-03	6254
<i>CUBN</i>	rs11254312	A	C	0.43	2.03	3.66E-02	1600	-1.38	1.69E-01	2693	1.59	1.12E-01	1523	-0.24	8.07E-01	2013	-0.26	7.96E-01	6229
<i>NFKB1</i>	rs4648058	C	G	0.29	2.10	3.70E-02	1600	1.49	1.36E-01	2690	0.30	7.61E-01	1543	1.90	5.76E-02	2020	2.21	2.72E-02	6253
<i>ABCA1</i>	rs2575876	A	G	0.28	-1.93	3.76E-02	1600	-1.44	1.50E-01	2693	-0.77	4.41E-01	1542	-2.06	3.95E-02	2020	-2.50	1.25E-02	6255
<i>NR5A2</i>	rs2248673	G	A	0.09	1.80	3.79E-02	1600	0.43	6.65E-01	2688	0.39	7.00E-01	1543	-0.38	7.03E-01	2019	0.26	7.96E-01	6250
<i>PPARD</i>	rs9470001	G	C	0.08	1.80	3.84E-02	1600	0.05	9.63E-01	2693	0.12	9.01E-01	1544	-0.48	6.29E-01	2020	0.18	8.56E-01	6257
<i>ALCAM</i>	rs1017913	C	A	0.38	-2.08	3.84E-02	1584	-1.03	3.04E-01	2657	1.49	1.37E-01	1542	-0.48	6.30E-01	2016	-0.21	8.37E-01	6215
<i>FAS</i>	rs2297438	G	A	0.21	1.91	3.85E-02	1599	-0.15	8.81E-01	2693	0.17	8.67E-01	1541	-0.57	5.71E-01	2020	-0.34	7.36E-01	6254
<i>NFKB1</i>	rs4648133	G	A	0.29	2.01	3.87E-02	1600	0.97	3.31E-01	2693	0.00	9.99E-01	1544	1.73	8.33E-02	2020	1.62	1.05E-01	6257
<i>SCARB1</i>	rs745529	A	C	0.30	2.32	3.90E-02	1600	0.66	5.09E-01	2693	0.25	7.99E-01	1541	0.49	6.25E-01	2020	0.84	4.02E-01	6254
<i>FAS</i>	rs2236507	G	C	0.20	1.95	3.96E-02	1599	-0.34	7.35E-01	2693	0.02	9.87E-01	1540	-0.72	4.69E-01	2020	-0.63	5.32E-01	6253
<i>ABCG8</i>	rs11124950	A	G	0.07	1.65	4.07E-02	1600	1.29	1.96E-01	2693	-1.35	1.78E-01	1544	-0.97	3.33E-01	2020	-0.37	7.10E-01	6257
<i>CAV1/2</i>	rs3807992	A	G	0.23	1.99	4.07E-02	1600	0.48	6.30E-01	2692	-0.84	4.02E-01	1541	-1.46	1.44E-01	2020	-0.93	3.53E-01	6253
<i>CAV1/2</i>	rs7804372	A	T	0.23	2.00	4.07E-02	1600	0.51	6.07E-01	2692	-0.72	4.74E-01	1542	-1.46	1.44E-01	2020	-0.85	3.97E-01	6254
<i>NFKB1</i>	rs747559	G	A	0.36	1.96	4.07E-02	1600	1.19	2.36E-01	2693	-0.30	7.64E-01	1539	1.95	5.08E-02	2019	1.74	8.19E-02	6251
<i>SCARB1</i>	rs838878	A	G	0.30	1.82	4.11E-02	1600	1.70	8.85E-02	2693	1.94	5.23E-02	1543	1.59	1.12E-01	2020	2.99	2.83E-03	6256
<i>PPARD</i>	rs6457816	G	A	0.09	1.80	4.11E-02	1600	0.10	9.19E-01	2693	0.42	6.76E-01	1544	-0.66	5.07E-01	2020	-0.10	9.18E-01	6257
<i>LIPC</i>	rs12898801	A	G	0.38	1.76	4.13E-02	1600	-0.39	6.99E-01	2693	-0.86	3.91E-01	1538	0.54	5.88E-01	2019	-0.37	7.10E-01	6250
<i>NFKB1</i>	rs3817685	C	G	0.29	2.05	4.13E-02	1600	1.53	1.26E-01	2693	0.26	7.96E-01	1541	1.79	7.29E-02	2019	2.15	3.15E-02	6253

<i>PPARG</i>	rs2881654	A	G	0.11	1.86	4.21E-02	1565	1.17	2.44E-01	2484	-0.29	7.70E-01	1444	-1.35	1.76E-01	2012	-0.18	8.58E-01	5940
<i>PON1/2/3/4</i>	rs2299264	A	G	0.22	2.08	4.27E-02	1593	0.64	5.20E-01	2688	1.84	6.65E-02	1362	2.27	2.34E-02	2019	2.61	9.19E-03	6069
<i>GPR109A/B/81</i>	rs4759361	T	A	0.17	2.13	4.27E-02	1600	1.87	6.16E-02	2691	0.16	8.72E-01	1542	2.38	1.72E-02	2019	2.66	7.80E-03	6252
<i>ABCA1</i>	rs13290420	G	A	0.13	-1.97	4.27E-02	1600	-0.81	4.17E-01	2693	-2.62	8.88E-03	1544	-1.64	1.02E-01	2020	-2.76	5.74E-03	6257
<i>PCSK5</i>	rs2275406	A	G	0.12	-1.82	4.27E-02	1596	-1.84	6.63E-02	2693	-0.07	9.41E-01	1537	-0.38	7.03E-01	2020	-1.46	1.45E-01	6250
<i>SORCS1</i>	rs11193220	G	A	0.02	-2.02	4.27E-02	1600	-1.23	2.20E-01	2693	1.52	1.28E-01	1544	-1.53	1.26E-01	2020	-0.92	3.59E-01	6257
<i>PCSK5</i>	rs17719860	A	G	0.10	2.09	4.30E-02	1600	-0.22	8.29E-01	2693	0.84	4.01E-01	1544	0.17	8.66E-01	2019	0.37	7.10E-01	6256
<i>NFKB1</i>	rs980455	G	A	0.36	1.93	4.34E-02	1600	1.25	2.13E-01	2693	-0.33	7.41E-01	1538	1.91	5.62E-02	2019	1.74	8.21E-02	6250
<i>ABCA1</i>	rs4149297	G	A	0.11	-1.92	4.42E-02	1600	-0.65	5.17E-01	2693	-1.00	3.20E-01	1543	0.77	4.39E-01	2020	-0.48	6.32E-01	6256
<i>GPR109A/B/81</i>	rs579935	A	C	0.17	2.14	4.45E-02	1579	1.81	6.98E-02	2640	0.12	9.08E-01	1474	2.36	1.82E-02	1998	2.60	9.38E-03	6112
<i>ABCG1</i>	rs221948	A	G	0.10	-1.69	4.47E-02	1600	0.42	6.77E-01	2693	-0.35	7.27E-01	1544	-1.15	2.49E-01	2020	-0.56	5.79E-01	6257
<i>PPARD</i>	rs6906237	A	C	0.08	1.75	4.49E-02	1600	0.35	7.24E-01	2693	0.14	8.87E-01	1544	-0.45	6.56E-01	2020	0.05	9.61E-01	6257
<i>PPARA</i>	rs8138102	G	A	0.24	-2.05	4.49E-02	1599	1.42	1.57E-01	2692	1.87	6.21E-02	1544	-0.31	7.53E-01	2020	1.68	9.36E-02	6256
<i>LIPC</i>	rs12592017	G	A	0.24	1.85	4.49E-02	1600	-0.82	4.11E-01	2692	-0.84	4.01E-01	1543	1.16	2.48E-01	2020	0.30	7.64E-01	6255
<i>PPARA</i>	rs4253778	C	G	0.19	-1.91	4.51E-02	1600	1.64	1.02E-01	2693	1.24	2.15E-01	1544	0.39	6.95E-01	2019	1.91	5.60E-02	6256
<i>PCSK5</i>	rs10781328	A	G	0.12	-1.82	4.53E-02	1597	-2.02	4.34E-02	2687	0.29	7.71E-01	1532	-0.67	5.01E-01	2018	-1.56	1.18E-01	6237
<i>ABCB11</i>	rs2216504	A	G	0.04	2.04	4.67E-02	1600	0.55	5.82E-01	2693	0.07	9.44E-01	1544	0.91	3.61E-01	2020	0.92	3.60E-01	6257
<i>NFKB1</i>	rs4648051	G	A	0.28	1.95	4.71E-02	1599	1.09	2.78E-01	2690	0.03	9.73E-01	1539	1.98	4.75E-02	2018	1.86	6.35E-02	6247
<i>CETP</i>	rs1800776	A	C	0.08	-1.63	4.72E-02	1600	0.29	7.70E-01	2693	-2.10	3.57E-02	1544	-1.79	7.37E-02	2020	-1.87	6.18E-02	6257
<i>ABCA1</i>	rs3890182	A	G	0.13	-1.94	4.72E-02	1600	-0.89	3.75E-01	2692	-2.51	1.21E-02	1543	-1.72	8.56E-02	2020	-2.80	5.04E-03	6255
<i>SCARB1</i>	rs10846745	G	C	0.43	-1.90	4.73E-02	1600	0.76	4.45E-01	2693	1.37	1.70E-01	1541	-0.65	5.16E-01	2020	0.81	4.16E-01	6254

<i>PON1/2/3/4</i>	rs2158806	C	A	0.22	2.04	4.75E-02	1599	0.68	4.97E-01	2691	2.17	3.04E-02	1544	2.21	2.68E-02	2020	2.78	5.44E-03	6255
<i>CETP</i>	rs158480	G	A	0.12	1.74	4.75E-02	1505	-0.07	9.43E-01	2204	2.06	3.92E-02	1388	2.70	6.84E-03	1997	2.60	9.34E-03	5589
<i>PON1/2/3/4</i>	rs854565	A	G	0.28	1.98	4.78E-02	1600	0.00	9.98E-01	2693	0.75	4.52E-01	1543	0.76	4.50E-01	2019	0.80	4.23E-01	6255
<i>CD36</i>	rs3212013	A	G	0.04	-1.99	4.80E-02	1593	-0.49	6.24E-01	2666	-0.52	6.00E-01	1542	0.05	9.61E-01	2020	-0.55	5.80E-01	6228
<i>PON1/2/3/4</i>	rs7493	G	C	0.22	2.03	4.87E-02	1600	0.66	5.10E-01	2693	2.36	1.86E-02	1543	2.20	2.81E-02	2019	2.85	4.39E-03	6255
<i>PON1/2/3/4</i>	rs12026	C	G	0.22	2.03	4.87E-02	1600	0.71	4.81E-01	2692	2.24	2.52E-02	1542	2.21	2.68E-02	2020	2.83	4.62E-03	6254
<i>ABCG5</i>	rs1864814	A	G	0.04	1.98	4.89E-02	1600	1.44	1.51E-01	2693	1.62	1.05E-01	1544	-0.42	6.71E-01	2020	1.51	1.32E-01	6257
<i>LIPC</i>	rs261342	G	C	0.20	1.99	4.89E-02	1594	2.18	2.94E-02	2689	3.55	3.96E-04	1538	2.26	2.37E-02	2020	4.47	7.70E-06	6247
<i>PON1/2/3/4</i>	rs3757707	A	G	0.26	2.16	4.90E-02	1600	0.67	5.05E-01	2693	1.26	2.09E-01	1543	1.37	1.71E-01	2019	1.84	6.59E-02	6255
<i>PPARA</i>	rs11703495	A	T	0.12	-2.14	4.91E-02	1600	-0.79	4.30E-01	2693	0.31	7.55E-01	1544	-0.44	6.60E-01	2020	-0.61	5.40E-01	6257
<i>APOA1/A4/A5/C3</i>	rs619054	A	G	0.23	1.94	4.94E-02	1586	2.06	3.94E-02	2676	-0.13	8.96E-01	1523	0.60	5.51E-01	2018	1.63	1.04E-01	6217
<i>PCSK5</i>	rs6560494	C	G	0.38	1.68	4.96E-02	1600	1.38	1.69E-01	2691	-1.46	1.45E-01	1540	1.61	1.08E-01	2018	1.09	2.74E-01	6249

A, allele; MAF, Minor allele frequency from Penn-CC; T, T-statistic; P, P-value; Z, Z-statistic; N, Sample size

Supplemental Table 3. Meta-Analysis SNPs with Suggestive Evidence of Association																			
					Penn-CC			Penn-RC			MONICA/KORA			GRAPHIC			Meta-analysis		
Locus	SNP	A1	A2	MAF	T	P	N	T	P	N	T	P	N	Z	P	N	Z	P	N
<i>CETP</i>	rs17231506	A	G	0.30	7.57	3.82E-14	1600	6.25	4.68E-10	2691	6.84	1.12E-11	1536	7.83	5.00E-15	2020	14.04	8.85E-45	7847
<i>CETP</i>	rs3764261	A	C	0.32	7.47	7.82E-14	1600	6.15	8.94E-10	2693	6.93	6.36E-12	1542	7.83	4.77E-15	2019	13.98	2.15E-44	7854
<i>CETP</i>	rs1800775	A	C	0.50	7.70	1.40E-14	1600	5.63	2.04E-08	2693	5.82	7.14E-09	1536	6.57	4.95E-11	2020	12.66	1.06E-36	7849
<i>CETP</i>	rs1532624	A	C	0.41	7.35	2.03E-13	1600	4.13	3.68E-05	2693	6.17	8.81E-10	1543	7.01	2.43E-12	2020	12.00	3.50E-33	7856
<i>CETP</i>	rs1532625	A	G	0.41	7.36	1.89E-13	1549	4.14	3.65E-05	2605	5.90	4.38E-09	1506	7.14	9.45E-13	2017	11.97	5.24E-33	7677
<i>CETP</i>	rs711752	A	G	0.41	7.75	9.33E-15	1600	4.23	2.44E-05	2693	5.84	6.25E-09	1539	6.69	2.30E-11	2019	11.93	8.02E-33	7851
<i>CETP</i>	rs708272	A	G	0.41	7.75	9.33E-15	1600	4.23	2.44E-05	2693	5.84	6.28E-09	1540	6.67	2.52E-11	2020	11.93	8.73E-33	7853
<i>CETP</i>	rs1864163	A	G	0.25	-7.68	1.66E-14	1598	-4.68	3.05E-06	2692	-6.37	2.48E-10	1541	-5.68	1.32E-08	2020	-11.88	1.47E-32	7851
<i>CETP</i>	rs12720922	A	G	0.19	-7.52	5.63E-14	1600	-5.76	9.57E-09	2693	-5.36	9.56E-08	1540	-5.25	1.50E-07	2019	-11.78	4.98E-32	7852
<i>CETP</i>	rs7499892	A	G	0.19	-7.77	8.01E-15	1600	-5.73	1.10E-08	2693	-5.21	2.18E-07	1542	-5.17	2.36E-07	2018	-11.77	5.63E-32	7853
<i>CETP</i>	rs11508026	A	G	0.40	7.46	8.65E-14	1600	4.07	4.93E-05	2690	5.76	1.00E-08	1534	6.61	3.80E-11	2020	11.64	2.72E-31	7844
<i>CETP</i>	rs11076175	G	A	0.18	-7.81	5.55E-15	1597	-5.62	2.10E-08	2692	-5.05	5.07E-07	1538	-5.06	4.26E-07	2018	-11.60	4.26E-31	7845
<i>CETP</i>	rs7203984	C	A	0.22	-7.52	5.41E-14	1600	-5.48	4.74E-08	2693	-4.90	1.08E-06	1539	-4.73	2.25E-06	2019	-11.15	7.05E-29	7851
<i>CETP</i>	rs9939224	A	C	0.21	-7.40	1.37E-13	1600	-5.66	1.65E-08	2693	-4.94	8.66E-07	1541	-3.97	7.27E-05	2020	-10.84	2.31E-27	7854
<i>CETP</i>	rs11076176	C	A	0.19	-6.33	2.41E-10	1599	-4.68	2.98E-06	2692	-4.74	2.34E-06	1537	-5.08	3.79E-07	2019	-10.26	1.05E-24	7847
<i>CETP</i>	rs289714	G	A	0.21	-6.28	3.30E-10	1600	-4.71	2.57E-06	2693	-4.12	3.92E-05	1540	-4.72	2.35E-06	2019	-9.81	1.07E-22	7852
<i>CETP</i>	rs12708967	G	A	0.19	-3.42	6.38E-04	1600	-2.63	8.60E-03	2687	-4.42	1.07E-05	1544	-5.02	5.19E-07	2019	-7.58	3.54E-14	7850
<i>CETP</i>	rs12720918	G	A	0.28	-2.64	8.21E-03	1599	-3.56	3.74E-04	2693	-3.77	1.69E-04	1543	-4.68	2.86E-06	2020	-7.32	2.55E-13	7855
<i>CETP</i>	rs4783961	A	G	0.50	4.52	6.26E-06	1600	3.76	1.72E-04	2691	2.78	5.44E-03	1537	3.43	6.03E-04	2020	7.21	5.59E-13	7848
<i>LPL</i>	rs264	A	G	0.15	3.57	3.60E-04	1599	3.54	4.13E-04	2691	2.73	6.39E-03	1543	3.63	2.87E-04	2019	6.73	1.75E-11	7852
<i>LPL</i>	rs12679834	G	A	0.10	4.15	3.32E-05	1598	3.12	1.83E-03	2691	3.08	2.10E-03	1538	3.22	1.28E-03	2013	6.69	2.18E-11	7840
<i>LPL</i>	rs328	G	C	0.10	4.27	1.99E-05	1600	3.20	1.42E-03	2693	2.91	3.62E-03	1544	3.14	1.68E-03	2020	6.68	2.45E-11	7857

LPL	rs256	A	G	0.14	3.49	4.77E-04	1600	3.32	8.98E-04	2693	2.88	3.99E-03	1543	3.63	2.82E-04	2020	6.64	3.18E-11	7856
LPL	rs3208305	T	A	0.32	4.87	1.14E-06	1593	3.19	1.42E-03	2675	2.27	2.31E-02	1530	2.99	2.77E-03	2019	6.59	4.43E-11	7817
LPL	rs13702	G	A	0.33	4.85	1.25E-06	1599	3.16	1.58E-03	2693	2.26	2.43E-02	1543	3.01	2.62E-03	2020	6.56	5.34E-11	7855
CETP	rs1800777	A	G	0.03	-2.92	3.49E-03	1599	-3.65	2.68E-04	2692	-4.28	2.00E-05	1541	-2.38	1.74E-02	2020	-6.55	5.84E-11	7852
CETP	rs5880	C	G	0.04	-2.53	1.13E-02	1600	-4.15	3.50E-05	2693	-4.18	3.04E-05	1544	-2.22	2.67E-02	2020	-6.54	6.24E-11	7857
LPL	rs263	A	G	0.20	4.25	2.17E-05	1600	3.15	1.67E-03	2693	2.67	7.62E-03	1541	3.01	2.62E-03	2020	6.47	1.01E-10	7854
LPL	rs331	A	G	0.28	3.70	2.20E-04	1600	3.28	1.04E-03	2693	2.01	4.48E-02	1539	3.41	6.45E-04	2020	6.21	5.40E-10	7852
LPL	rs3916027	A	G	0.28	3.79	1.50E-04	1596	3.26	1.13E-03	2692	2.03	4.30E-02	1533	3.32	9.11E-04	2012	6.20	5.77E-10	7833
LPL	rs301	G	A	0.25	4.27	2.00E-05	1597	3.67	2.43E-04	2693	1.26	2.07E-01	1541	3.06	2.21E-03	2019	6.18	6.26E-10	7850
LPL	rs3779788	A	G	0.14	4.03	5.71E-05	1600	2.78	5.45E-03	2693	2.91	3.65E-03	1543	2.83	4.67E-03	2020	6.17	6.99E-10	7856
LPL	rs3735964	A	C	0.10	3.97	7.10E-05	1600	2.97	3.02E-03	2693	2.09	3.69E-02	1543	3.34	8.40E-04	2019	6.15	7.87E-10	7855
LPL	rs255	G	A	0.16	3.21	1.34E-03	1600	3.42	6.48E-04	2693	2.10	3.57E-02	1542	3.27	1.06E-03	2020	6.04	1.59E-09	7855
LPL	rs271	A	G	0.15	3.28	1.06E-03	1600	2.99	2.83E-03	2693	2.29	2.21E-02	1541	3.36	7.88E-04	2018	5.94	2.80E-09	7852
LPL	rs327	C	A	0.29	3.24	1.19E-03	1599	3.49	4.94E-04	2681	1.69	9.22E-02	1525	3.25	1.16E-03	2020	5.90	3.67E-09	7825
LPL	rs320	C	A	0.29	3.44	5.85E-04	1596	3.41	6.67E-04	2690	1.63	1.03E-01	1530	3.18	1.49E-03	2019	5.88	4.12E-09	7835
LIPG	rs2156552	A	T	0.14	-4.07	4.80E-05	1600	-2.30	2.16E-02	2693	-0.95	3.40E-01	1543	-3.37	7.48E-04	2020	-5.31	1.09E-07	7856
CETP	rs4784745	G	A	0.32	-3.74	1.83E-04	1600	-0.16	8.76E-01	2693	-2.13	3.36E-02	1544	-5.09	3.53E-07	2019	-5.30	1.14E-07	7856
LIPG	rs1943981	T	A	0.14	-4.10	4.19E-05	1600	-2.32	2.04E-02	2693	-0.87	3.86E-01	1544	-3.37	7.63E-04	2020	-5.30	1.18E-07	7857
APOE/C1/C2	rs2075650	G	A	0.13	-2.34	1.93E-02	1600	-4.15	3.46E-05	2693	-2.31	2.12E-02	1544	-1.36	1.73E-01	2020	-5.19	2.07E-07	7857
CETP	rs4784744	A	G	0.33	-3.44	5.86E-04	1600	-0.10	9.20E-01	2693	-2.10	3.60E-02	1544	-5.11	3.25E-07	2020	-5.13	2.90E-07	7857
APOE/C1/C2	rs12721046	A	G	0.12	-3.65	2.61E-04	1597	-3.65	2.63E-04	2676	-1.36	1.75E-01	1522	-1.28	2.00E-01	2019	-5.04	4.76E-07	7814
CETP	rs291044	A	G	0.33	-3.37	7.41E-04	1600	-0.08	9.39E-01	2693	-1.91	5.64E-02	1542	-5.02	5.25E-07	2020	-4.96	7.17E-07	7855
CETP	rs289717	A	G	0.33	-3.48	4.99E-04	1600	-0.02	9.88E-01	2693	-1.94	5.21E-02	1537	-4.92	8.69E-07	2020	-4.94	8.00E-07	7850
FADS1/2/3	rs174570	A	G	0.11	-2.95	3.22E-03	1600	-2.92	3.52E-03	2693	-2.65	8.16E-03	1543	-1.41	1.58E-01	2020	-4.93	8.37E-07	7856
FADS1/2/3	rs1535	G	A	0.30	-3.21	1.34E-03	1600	-2.78	5.41E-03	2693	-0.81	4.18E-01	1537	-2.92	3.49E-03	2020	-4.92	8.78E-07	7850
FADS1/2/3	rs174577	A	C	0.35	-3.61	3.03E-04	1520	-2.36	1.85E-02	2633	-1.05	2.92E-01	1364	-2.76	5.78E-03	2020	-4.89	1.00E-06	7537
LIPC	rs588136	G	A	0.22	2.36	1.83E-02	1585	2.10	3.63E-02	2670	3.38	7.58E-04	1531	2.19	2.89E-02	2020	-4.89	1.01E-06	7806

LIPC	rs261342	G	C	0.25	1.99	4.72E-02	1594	2.18	2.94E-02	2689	3.55	3.96E-04	1538	2.26	2.37E-02	2020	4.89	1.02E-06	7841
LIPC	rs2070895	A	G	0.23	2.60	9.35E-03	1600	1.56	1.18E-01	2693	3.48	5.16E-04	1541	2.43	1.50E-02	2020	4.86	1.17E-06	7854
LIPC	rs1800588	A	G	0.23	2.54	1.11E-02	1600	1.33	1.85E-01	2692	3.46	5.64E-04	1541	2.62	8.70E-03	2019	4.78	1.75E-06	7852
CETP	rs5882	G	A	0.34	4.11	4.02E-05	1600	0.09	9.24E-01	2693	2.94	3.36E-03	1543	3.10	1.95E-03	2019	4.78	1.76E-06	7855
LIPC	rs261332	A	G	0.19	2.61	9.11E-03	1600	1.33	1.82E-01	2692	3.54	4.16E-04	1544	2.47	1.34E-02	2019	4.78	1.79E-06	7855
LPL	rs343	A	C	0.09	3.18	1.46E-03	1595	2.19	2.90E-02	2683	1.58	1.14E-01	1538	2.54	1.11E-02	2019	4.70	2.57E-06	7835
CETP	rs289743	G	A	0.33	4.47	7.94E-06	1585	-0.46	6.43E-01	2593	3.12	1.84E-03	1519	3.05	2.33E-03	2016	4.70	2.66E-06	7713
LIPC	rs8033940	A	G	0.32	2.51	1.21E-02	1598	1.43	1.53E-01	2690	3.61	3.20E-04	1543	2.16	3.11E-02	2020	4.66	3.19E-06	7851
CETP	rs289718	G	A	0.32	4.40	1.06E-05	1598	-0.19	8.50E-01	2689	2.88	4.01E-03	1536	2.93	3.38E-03	2017	4.64	3.51E-06	7840
CETP	rs289719	A	G	0.32	4.38	1.21E-05	1599	-0.26	7.95E-01	2693	2.95	3.22E-03	1539	2.93	3.42E-03	2018	4.61	4.00E-06	7849
CETP	rs12597002	A	C	0.29	-2.87	4.15E-03	1600	-1.34	1.80E-01	2693	-1.69	9.18E-02	1544	-3.49	4.80E-04	2020	-4.60	4.30E-06	7857
CETP	rs6499863	A	G	0.16	-4.37	1.27E-05	1600	-0.81	4.16E-01	2693	-3.00	2.74E-03	1542	-1.55	1.21E-01	2020	-4.56	5.14E-06	7855
LPL	rs268	G	A	0.01	-3.48	5.11E-04	1600	-1.69	9.17E-02	2693	-3.95	8.30E-05	1543	-0.49	6.23E-01	2019	-4.55	5.38E-06	7855
CETP	rs12720889	A	T	0.29	4.68	2.93E-06	1596	-0.12	9.01E-01	2683	2.42	1.58E-02	1486	2.85	4.40E-03	2017	4.55	5.39E-06	7782
FADS1/2/3	rs174535	G	A	0.31	-2.76	5.80E-03	1598	-2.33	2.01E-02	2693	-0.92	3.56E-01	1542	-3.00	2.73E-03	2020	4.53	5.78E-06	7853
LIPC	rs8034802	A	T	0.29	2.51	1.21E-02	1599	1.20	2.30E-01	2692	3.33	8.78E-04	1541	2.31	2.07E-02	2017	4.48	7.36E-06	7849
FADS1/2/3	rs174601	A	G	0.37	-3.35	8.12E-04	1599	-2.12	3.44E-02	2689	-0.80	4.26E-01	1543	-2.68	7.34E-03	2020	-4.46	8.11E-06	7851
LIPC	rs11635491	A	G	0.26	2.72	6.49E-03	1596	1.43	1.53E-01	2688	2.83	4.73E-03	1524	2.22	2.67E-02	2011	4.44	9.07E-06	7819
FADS1/2/3	rs174576	A	C	0.32	-2.99	2.82E-03	1600	-2.44	1.48E-02	2693	-0.59	5.58E-01	1544	-2.76	5.78E-03	2020	-4.43	9.28E-06	7857
CETP	rs289716	T	A	0.32	4.32	1.58E-05	1600	-0.27	7.86E-01	2693	2.67	7.70E-03	1537	2.85	4.40E-03	2020	4.41	1.01E-05	7850
CETP	rs708273	A	G	0.28	-2.60	9.44E-03	1599	-1.40	1.63E-01	2693	-1.34	1.79E-01	1394	-3.52	4.24E-04	2019	-4.38	1.17E-05	7705
LIPC	rs261338	A	G	0.17	1.46	1.45E-01	1600	1.92	5.51E-02	2693	3.59	3.46E-04	1544	1.97	4.89E-02	2020	4.37	1.27E-05	7857
CETP	rs6499861	G	C	0.16	-4.11	4.03E-05	1600	-0.58	5.64E-01	2693	-2.81	4.99E-03	1543	-1.73	8.43E-02	2020	-4.31	1.63E-05	7856
LIPG	rs77960347	G	A	0.01	3.34	8.42E-04	1600	2.93	3.38E-03	2693	-0.21	8.30E-01	1544	2.15	3.17E-02	2020	4.22	2.48E-05	7857
LIPC	rs261341	A	G	0.34	1.72	8.63E-02	1600	1.35	1.78E-01	2693	3.26	1.15E-03	1542	2.38	1.73E-02	2019	4.21	2.55E-05	7854
FADS1/2/3	rs102275	G	A	0.35	-2.44	1.47E-02	1600	-2.19	2.88E-02	2693	-0.75	4.54E-01	1541	-2.91	3.64E-03	2020	-4.19	2.82E-05	7854
CETP	rs289742	C	G	0.14	2.48	1.30E-02	1600	0.13	9.01E-01	2692	3.44	5.93E-04	1543	2.74	6.05E-03	2020	4.11	3.99E-05	7855

<i>LIPC</i>	rs261336	G	A	0.17	1.55	1.21E-01	1600	2.32	2.03E-02	2693	2.93	3.45E-03	1544	1.40	1.62E-01	2020	4.07	4.81E-05	7857
<i>APOA1/A4/A5/C3</i>	rs12287066	A	C	0.08	-2.81	5.03E-03	1600	-2.05	4.03E-02	2691	-1.61	1.07E-01	1540	-1.65	9.89E-02	2019	-4.02	5.87E-05	7850
<i>FADS1/2/3</i>	rs2072114	G	A	0.12	-2.87	4.06E-03	1600	-1.79	7.36E-02	2693	-1.37	1.70E-01	1537	-2.09	3.67E-02	2020	-4.01	6.02E-05	7850
<i>CETP</i>	rs12447924	G	A	0.24	-2.13	3.31E-02	1597	-2.25	2.48E-02	2684	-0.72	4.69E-01	1538	-2.78	5.39E-03	2020	-4.01	6.10E-05	7839
<i>ABCG1</i>	rs914189	C	G	0.21	2.34	1.93E-02	1600	2.78	5.50E-03	2693	1.20	2.29E-01	1544	1.51	1.32E-01	2020	3.98	6.97E-05	7857
<i>APOB</i>	rs1801695	A	G	0.03	2.87	4.05E-03	1600	2.72	6.59E-03	2693	0.50	6.14E-01	1544	1.65	9.80E-02	2020	3.95	7.80E-05	7857
<i>LPL</i>	rs10104051	A	G	0.44	3.20	1.36E-03	1598	1.44	1.51E-01	2689	1.65	9.91E-02	1540	1.80	7.11E-02	2020	3.93	8.41E-05	7847
<i>ABCG1</i>	rs4148139	A	G	0.20	2.46	1.40E-02	1600	2.84	4.57E-03	2693	0.95	3.41E-01	1543	1.46	1.44E-01	2020	3.93	8.43E-05	7856
<i>APOA1/A4/A5/C3</i>	rs12285095	C	A	0.07	-2.85	4.39E-03	1600	-2.04	4.14E-02	2693	-1.42	1.56E-01	1544	-1.61	1.08E-01	2020	-3.92	8.69E-05	7857
<i>CETP</i>	rs736274	T	A	0.11	2.65	8.01E-03	1600	0.01	9.94E-01	2691	2.83	4.68E-03	1542	2.88	4.04E-03	2020	3.91	9.11E-05	7853
<i>LPL</i>	rs7009128	G	A	0.04	-2.73	6.34E-03	1600	-1.83	6.68E-02	2693	-1.01	3.13E-01	1543	-2.24	2.49E-02	2020	-3.89	1.00E-04	7856
<i>CETP</i>	rs11076174	G	A	0.09	-4.49	7.12E-06	1600	-2.37	1.80E-02	2693	-1.46	1.44E-01	1543	0.35	7.30E-01	2020	-3.88	1.03E-04	7856
<i>FADS1/2/3</i>	rs174548	C	G	0.28	-2.91	3.63E-03	1600	-1.86	6.32E-02	2692	0.01	9.92E-01	1542	-2.92	3.50E-03	2019	-3.88	1.06E-04	7853
<i>CETP</i>	rs12447839	G	A	0.22	-2.05	4.02E-02	1585	-2.18	2.97E-02	2587	-0.62	5.34E-01	1540	-2.75	5.93E-03	2016	-3.87	1.09E-04	7728
<i>LIPC</i>	rs485538	G	A	0.18	1.93	5.31E-02	1600	1.81	7.04E-02	2693	2.70	6.92E-03	1540	1.31	1.89E-01	2020	3.80	1.48E-04	7853
<i>CETP</i>	rs4783962	A	G	0.22	-2.00	4.61E-02	1600	-2.18	2.96E-02	2693	-0.66	5.09E-01	1540	-2.61	9.14E-03	2019	-3.79	1.51E-04	7852
<i>LPL</i>	rs28645722	A	G	0.03	-2.73	6.32E-03	1600	-1.45	1.47E-01	2693	-1.28	2.01E-01	1504	-2.24	2.52E-02	2019	-3.79	1.54E-04	7816
<i>CETP</i>	rs4587963	A	T	0.22	-1.95	5.12E-02	1597	-2.28	2.29E-02	2686	-0.33	7.40E-01	1533	-2.80	5.16E-03	2019	-3.78	1.57E-04	7835
<i>ABCA1</i>	rs3905001	G	C	0.28	1.53	1.27E-01	1598	1.74	8.17E-02	2693	1.85	6.52E-02	1540	2.43	1.51E-02	2020	3.76	1.71E-04	7851
<i>LPL</i>	rs28575919	C	G	0.04	-2.67	7.56E-03	1600	-1.59	1.12E-01	2693	-1.17	2.43E-01	1544	-2.18	2.94E-02	2020	-3.76	1.72E-04	7857
<i>LPL</i>	rs1470186	G	A	0.03	-2.73	6.34E-03	1600	-1.65	9.82E-02	2693	-1.01	3.11E-01	1544	-2.18	2.96E-02	2019	-3.75	1.75E-04	7856
<i>LPL</i>	rs6999612	G	A	0.04	-2.74	6.15E-03	1600	-1.40	1.63E-01	2693	-1.32	1.86E-01	1543	-2.18	2.94E-02	2020	-3.75	1.81E-04	7856
<i>LPL</i>	rs17091742	A	G	0.03	-2.73	6.34E-03	1600	-1.60	1.11E-01	2693	-1.03	3.02E-01	1544	-2.17	2.96E-02	2020	-3.73	1.95E-04	7857
<i>LPL</i>	rs28445964	G	A	0.03	-2.82	4.85E-03	1600	-1.51	1.32E-01	2693	-1.03	3.04E-01	1543	-2.18	2.94E-02	2020	-3.71	2.05E-04	7856
<i>GPR109A/B/81</i>	rs3922628	T	A	0.22	2.61	8.97E-03	1597	1.13	2.58E-01	2684	0.56	5.73E-01	1434	3.12	1.81E-03	2017	3.69	2.23E-04	7732
<i>LPL</i>	rs28615996	G	A	0.04	-2.73	6.32E-03	1600	-1.53	1.26E-01	2693	-1.03	3.02E-01	1544	-2.18	2.94E-02	2020	-3.69	2.24E-04	7857
<i>LPL</i>	rs7016529	G	A	0.04	-2.67	7.56E-03	1600	-1.59	1.12E-01	2693	-1.01	3.13E-01	1543	-2.18	2.94E-02	2020	-3.69	2.27E-04	7856

<i>FADS1/2/3</i>	rs2524299	T	A	0.12	-2.74	6.19E-03	1598	-1.29	1.98E-01	2691	-1.40	1.61E-01	1542	-2.03	4.24E-02	2019	-3.64	2.74E-04	7850
<i>LPL</i>	rs7000460	C	A	0.04	-2.73	6.32E-03	1600	-1.45	1.47E-01	2693	-1.01	3.13E-01	1542	-2.18	2.94E-02	2019	-3.63	2.81E-04	7854
<i>LPL</i>	rs1534649	A	C	0.45	3.31	9.50E-04	1594	1.33	1.83E-01	2578	1.16	2.48E-01	1532	1.63	1.03E-01	2019	3.62	2.96E-04	7723
<i>LIPC</i>	rs485671	A	C	0.17	1.77	7.68E-02	1600	1.54	1.25E-01	2693	2.85	4.45E-03	1543	1.30	1.95E-01	2020	3.62	3.00E-04	7856
<i>ABCA1</i>	rs1883025	A	G	0.27	-2.45	1.41E-02	1599	-1.37	1.71E-01	2693	-0.85	3.94E-01	1544	-2.62	8.86E-03	2020	-3.61	3.02E-04	7856
<i>ABCA1</i>	rs13284054	G	A	0.13	-2.04	4.17E-02	1579	-1.44	1.52E-01	2661	-2.39	1.70E-02	1537	-1.53	1.27E-01	2017	-3.59	3.28E-04	7794
<i>LPL</i>	rs3289	G	A	0.03	-2.30	2.16E-02	1600	-2.23	2.58E-02	2692	-1.51	1.32E-01	1542	-1.08	2.81E-01	2020	-3.56	3.75E-04	7854
<i>CETP</i>	rs289715	A	T	0.12	2.27	2.35E-02	1600	0.03	9.77E-01	2693	2.65	8.07E-03	1543	2.63	8.61E-03	2020	3.55	3.91E-04	7856
<i>SCARB1</i>	rs838878	A	G	0.34	1.82	6.93E-02	1600	1.70	8.85E-02	2693	1.94	5.23E-02	1543	1.59	1.12E-01	2020	3.48	4.94E-04	7856
<i>APOA1/A4/A5/C3</i>	rs12286037	A	G	0.08	-2.33	1.99E-02	1600	-2.08	3.75E-02	2693	-1.36	1.74E-01	1543	-1.19	2.36E-01	2018	-3.47	5.15E-04	7854
<i>PON1/2/3/4</i>	rs7493	G	C	0.24	2.03	4.22E-02	1600	0.66	5.10E-01	2693	2.36	1.86E-02	1543	2.20	2.81E-02	2019	3.46	5.42E-04	7855
<i>PON1/2/3/4</i>	rs12026	C	G	0.24	2.03	4.22E-02	1600	0.71	4.81E-01	2692	2.24	2.52E-02	1542	2.21	2.68E-02	2020	3.45	5.72E-04	7854
<i>CETP</i>	rs5883	A	G	0.06	3.92	8.77E-05	1600	2.49	1.29E-02	2693	-0.70	4.87E-01	1531	1.02	3.07E-01	2019	3.44	5.81E-04	7843
<i>ABCA1</i>	rs3847300	A	G	0.13	-2.11	3.49E-02	1505	-0.95	3.41E-01	2632	-2.45	1.46E-02	1495	-1.66	9.75E-02	2018	-3.43	6.13E-04	7650
<i>PON1/2/3/4</i>	rs2158806	C	A	0.24	2.04	4.10E-02	1599	0.68	4.97E-01	2691	2.17	3.04E-02	1544	2.21	2.68E-02	2020	3.40	6.67E-04	7854
<i>NFKB1</i>	rs3774964	G	A	0.36	2.62	8.90E-03	1600	2.03	4.30E-02	2693	-0.06	9.55E-01	1539	2.05	4.00E-02	2020	3.38	7.19E-04	7852
<i>LPL</i>	rs258	G	C	0.47	2.43	1.50E-02	1600	1.34	1.81E-01	2693	1.95	5.16E-02	1540	1.25	2.11E-01	2018	3.38	7.28E-04	7851
<i>ABCA1</i>	rs3890182	A	G	0.12	-1.94	5.27E-02	1600	-0.89	3.75E-01	2692	-2.51	1.21E-02	1543	-1.72	8.56E-02	2020	-3.38	7.33E-04	7855
<i>LIPC</i>	rs473224	A	C	0.14	1.61	1.07E-01	1600	1.15	2.49E-01	2693	3.11	1.90E-03	1544	1.16	2.47E-01	2020	3.37	7.58E-04	7857
<i>LPL</i>	rs285	A	G	0.50	2.45	1.43E-02	1600	1.52	1.29E-01	2692	1.84	6.67E-02	1542	1.11	2.69E-01	2020	3.37	7.61E-04	7854
<i>PCSK6</i>	rs1471656	A	G	0.45	2.02	4.31E-02	1600	1.35	1.77E-01	2693	2.39	1.72E-02	1538	1.19	2.35E-01	2020	3.36	7.75E-04	7851
<i>ABCA1</i>	rs13290420	G	A	0.14	-1.97	4.88E-02	1600	-0.81	4.17E-01	2693	-2.62	8.88E-03	1544	-1.64	1.02E-01	2020	-3.35	7.96E-04	7857
<i>GPR109A/B/81</i>	rs4759361	T	A	0.19	2.13	3.32E-02	1600	1.87	6.16E-02	2691	0.16	8.72E-01	1542	2.38	1.72E-02	2019	3.34	8.52E-04	7852
<i>LPL</i>	rs1800590	C	A	0.05	-2.44	1.47E-02	1600	-0.83	4.04E-01	2692	-1.31	1.92E-01	1544	-2.25	2.47E-02	2019	-3.31	9.43E-04	7855
<i>GPR109A/B/81</i>	rs579935	A	C	0.20	2.14	3.23E-02	1579	1.81	6.98E-02	2640	0.12	9.08E-01	1474	2.36	1.82E-02	1998	3.29	1.02E-03	7691
<i>PON1/2/3/4</i>	rs2299264	A	G	0.24	2.08	3.75E-02	1593	0.64	5.20E-01	2688	1.84	6.65E-02	1362	2.27	2.34E-02	2019	3.27	1.09E-03	7662
<i>ABCA1</i>	rs4100654	G	A	0.10	-3.04	2.40E-03	1599	-0.93	3.52E-01	2692	-2.04	4.13E-02	1543	-0.83	4.08E-01	2020	-3.24	1.20E-03	7854

LPL	rs253	A	G	0.46	2.45	1.42E-02	1600	1.58	1.15E-01	2692	1.42	1.56E-01	1537	1.08	2.78E-01	2020	3.21	1.33E-03	7849
LIPC	rs4774297	C	A	0.49	2.57	1.03E-02	1600	1.47	1.43E-01	2693	0.57	5.66E-01	1539	1.78	7.51E-02	2020	3.17	1.51E-03	7852
LIPC	rs572410	C	G	0.27	2.92	3.54E-03	1600	1.12	2.62E-01	2693	1.43	1.52E-01	1542	1.06	2.88E-01	2020	3.15	1.65E-03	7855
LIPC	rs4775070	A	G	0.08	2.47	1.34E-02	1600	1.59	1.13E-01	2693	0.45	6.52E-01	1544	1.75	8.04E-02	2020	3.13	1.74E-03	7857
PON1/2/3/4	rs13228784	G	A	0.25	2.59	9.71E-03	1600	0.67	5.06E-01	2693	0.70	4.84E-01	1543	2.48	1.30E-02	2020	3.13	1.77E-03	7856
APOB	rs1801699	G	A	0.02	-1.69	9.12E-02	1600	-0.53	5.96E-01	2691	-2.53	1.14E-02	1542	-1.83	6.75E-02	2020	-3.12	1.80E-03	7853
PON1/2/3/4	rs740264	C	A	0.25	2.59	9.59E-03	1600	0.60	5.48E-01	2693	0.77	4.42E-01	1543	2.45	1.42E-02	2019	3.11	1.90E-03	7855
LPL	rs1031045	A	G	0.05	-2.44	1.47E-02	1600	-0.59	5.56E-01	2693	-1.25	2.11E-01	1544	-2.18	2.94E-02	2020	-3.10	1.91E-03	7857
APOE/C1/C2	rs405509	A	C	0.47	-1.61	1.09E-01	1593	-2.58	1.00E-02	2690	-0.09	9.30E-01	1543	-1.64	1.00E-01	2020	-3.10	1.91E-03	7846
PCSK5	rs1340510	G	A	0.28	1.41	1.59E-01	1599	2.42	1.54E-02	2692	2.94	3.39E-03	1542	-0.49	6.24E-01	2019	3.10	1.91E-03	7852
PON1/2/3/4	rs11764079	A	G	0.27	2.23	2.59E-02	1600	0.60	5.46E-01	2693	1.27	2.03E-01	1538	2.33	2.00E-02	2019	3.10	1.92E-03	7850
ABCA1	rs2575876	A	G	0.26	-1.93	5.32E-02	1600	-1.44	1.50E-01	2693	-0.77	4.41E-01	1542	-2.06	3.95E-02	2020	-3.10	1.93E-03	7855
APOE/C1/C2	rs5167	C	A	0.37	1.16	2.45E-01	1600	0.34	7.34E-01	2692	2.94	3.30E-03	1543	2.12	3.42E-02	2020	3.10	1.94E-03	7855
APOB	rs673548	A	G	0.22	3.04	2.34E-03	1599	0.78	4.35E-01	2693	1.72	8.61E-02	1544	1.00	3.19E-01	2020	3.10	1.95E-03	7856
APOB	rs676210	A	G	0.21	3.07	2.17E-03	1600	0.76	4.47E-01	2693	1.73	8.37E-02	1543	0.98	3.26E-01	2020	3.09	1.97E-03	7856
GALNT2	rs2144300	G	A	0.44	-2.07	3.90E-02	1600	-2.32	2.02E-02	2692	-0.43	6.64E-01	1542	-1.18	2.37E-01	2020	-3.08	2.05E-03	7854
NFKB1	rs230528	C	A	0.39	2.57	1.02E-02	1573	1.38	1.66E-01	2664	0.26	7.94E-01	1417	1.91	5.62E-02	2018	3.07	2.14E-03	7672
PON1/2/3/4	rs17885069	A	G	0.26	1.88	6.07E-02	1600	0.48	6.31E-01	2693	1.83	6.76E-02	1542	2.21	2.70E-02	2020	3.06	2.22E-03	7855
CETP	rs820299	G	A	0.39	-1.43	1.53E-01	1600	0.29	7.74E-01	2693	-1.91	5.70E-02	1544	-3.42	6.16E-04	2019	-3.06	2.24E-03	7856
PON1/2/3/4	rs11981433	G	A	0.41	-0.04	9.65E-01	1599	-0.37	7.15E-01	2693	-3.08	2.11E-03	1543	-2.86	4.27E-03	2020	-3.05	2.32E-03	7855
PON1/2/3/4	rs11981299	T	A	0.25	1.90	5.75E-02	1600	0.55	5.86E-01	2684	1.67	9.43E-02	1527	2.21	2.70E-02	2020	3.04	2.37E-03	7831
NFKB1	rs4648127	A	G	0.06	-0.83	4.08E-01	1599	-2.46	1.39E-02	2691	-0.33	7.38E-01	1543	-2.12	3.39E-02	2020	-3.04	2.39E-03	7853
GALNT2	rs4846914	G	A	0.44	-2.07	3.90E-02	1600	-2.29	2.23E-02	2691	-0.36	7.19E-01	1541	-1.19	2.35E-01	2019	-3.03	2.44E-03	7851
ABCA1	rs3858076	C	A	0.16	-2.18	2.90E-02	1599	-0.47	6.42E-01	2692	-1.81	7.01E-02	1541	-1.88	5.96E-02	2020	-3.02	2.56E-03	7852
LCAT	rs2292318	A	G	0.14	0.00	9.96E-01	1600	1.22	2.24E-01	2693	2.48	1.33E-02	1509	2.37	1.76E-02	2020	3.01	2.62E-03	7822
ABCA1	rs2275544	G	A	0.14	-2.26	2.40E-02	1599	-0.49	6.26E-01	2693	-1.81	7.02E-02	1542	-1.76	7.87E-02	2019	-3.00	2.71E-03	7853
APOB	rs2678379	A	G	0.22	2.89	3.84E-03	1600	0.70	4.86E-01	2693	1.70	8.99E-02	1544	1.03	3.04E-01	2020	2.99	2.83E-03	7857

<i>ABCA1</i>	rs1800977	A	G	0.35	2.24	2.49E-02	1600	2.27	2.34E-02	2693	0.72	4.74E-01	1543	0.64	5.24E-01	2020	2.98	2.88E-03	7856
<i>PON1/2/3/4</i>	rs7803148	A	G	0.40	-0.02	9.88E-01	1600	-0.12	9.08E-01	2693	-3.11	1.91E-03	1541	-3.02	2.56E-03	2020	-2.98	2.89E-03	7854
<i>ABCA1</i>	rs2472507	C	A	0.22	2.23	2.58E-02	1600	1.57	1.16E-01	2693	0.71	4.77E-01	1544	1.38	1.69E-01	2020	2.94	3.28E-03	7857
<i>LCAT</i>	rs255052	A	G	0.15	0.14	8.85E-01	1599	1.17	2.41E-01	2692	1.85	6.42E-02	1538	2.67	7.57E-03	2019	2.93	3.44E-03	7848
<i>PON1/2/3/4</i>	rs13226149	A	G	0.27	2.22	2.64E-02	1600	0.41	6.78E-01	2693	1.26	2.08E-01	1538	2.20	2.76E-02	2020	2.92	3.50E-03	7851
<i>NFKB1</i>	rs4648058	C	G	0.31	2.10	3.56E-02	1600	1.49	1.36E-01	2690	0.30	7.61E-01	1543	1.90	5.76E-02	2020	2.92	3.50E-03	7853
<i>ABCA1</i>	rs2740485	C	A	0.12	-1.93	5.39E-02	1600	-2.66	7.96E-03	2690	-0.83	4.07E-01	1532	-0.25	8.01E-01	2020	-2.92	3.51E-03	7842
<i>ABCA1</i>	rs2275545	G	A	0.16	-2.27	2.30E-02	1600	-0.26	7.95E-01	2693	-1.75	7.97E-02	1542	-1.90	5.74E-02	2020	-2.92	3.52E-03	7855
<i>APOB</i>	rs1042034	G	A	0.21	2.72	6.56E-03	1600	0.74	4.61E-01	2692	1.73	8.43E-02	1542	0.95	3.40E-01	2020	2.91	3.65E-03	7854
<i>ABCA1</i>	rs2472496	G	A	0.39	-0.96	3.39E-01	1600	-1.56	1.18E-01	2693	-1.59	1.13E-01	1540	-1.68	9.39E-02	2019	-2.90	3.75E-03	7852
<i>PCSK5</i>	rs7031971	G	A	0.47	-3.50	4.64E-04	1600	-2.21	2.71E-02	2693	0.03	9.76E-01	1544	-0.07	9.47E-01	2019	-2.90	3.80E-03	7856
<i>NFKB1</i>	rs997476	A	C	0.06	-0.84	3.99E-01	1598	-2.71	6.86E-03	2693	0.03	9.76E-01	1542	-1.84	6.56E-02	2019	-2.88	3.92E-03	7852
<i>ABCA1</i>	rs2000069	A	G	0.49	-0.47	6.36E-01	1600	-2.03	4.29E-02	2693	-1.36	1.74E-01	1543	-1.73	8.41E-02	2019	-2.88	4.00E-03	7855
<i>NFKB1</i>	rs230541	G	A	0.40	2.17	3.04E-02	1600	1.52	1.29E-01	2693	-0.01	9.91E-01	1541	1.96	4.98E-02	2019	2.86	4.29E-03	7853
<i>LIPC</i>	rs8041059	A	G	0.49	-1.43	1.52E-01	1599	-1.75	8.03E-02	2692	-0.72	4.72E-01	1540	-1.70	8.84E-02	2017	-2.85	4.33E-03	7848
<i>ABCA1</i>	rs2422493	A	G	0.48	1.31	1.92E-01	1597	2.24	2.49E-02	2692	0.37	7.14E-01	1524	1.55	1.22E-01	2020	2.85	4.34E-03	7833
<i>APOA1/A4/A5/C3</i>	rs1729409	G	A	0.48	-2.01	4.42E-02	1600	-1.84	6.64E-02	2693	-0.96	3.37E-01	1540	-0.87	3.85E-01	2020	-2.85	4.38E-03	7853
<i>NFKB1</i>	rs3817685	C	G	0.31	2.05	4.03E-02	1600	1.53	1.26E-01	2693	0.26	7.96E-01	1541	1.79	7.29E-02	2019	2.85	4.44E-03	7853
<i>PPARD</i>	rs2016520	G	A	0.23	1.83	6.70E-02	1600	2.05	4.06E-02	2693	0.73	4.67E-01	1544	0.97	3.31E-01	2020	2.84	4.51E-03	7857
<i>PLTP</i>	rs378114	A	G	0.29	1.91	5.60E-02	1598	1.17	2.43E-01	2693	0.65	5.18E-01	1543	1.97	4.83E-02	2020	2.83	4.60E-03	7854
<i>NFKB1</i>	rs1287	A	G	0.40	2.13	3.33E-02	1600	1.47	1.41E-01	2692	-0.02	9.83E-01	1536	2.01	4.48E-02	2019	2.83	4.62E-03	7847
<i>NFKB1</i>	rs12509403	A	G	0.31	2.11	3.51E-02	1600	1.42	1.55E-01	2693	0.22	8.23E-01	1542	1.87	6.11E-02	2019	2.83	4.62E-03	7854
<i>APOA1/A4/A5/C3</i>	rs10750097	G	A	0.24	-1.44	1.50E-01	1599	-1.05	2.96E-01	2693	-0.30	7.66E-01	1542	-2.83	4.60E-03	2020	-2.83	4.65E-03	7854
<i>SOAT1</i>	rs4421551	C	A	0.14	2.55	1.08E-02	1600	2.12	3.40E-02	2690	0.90	3.68E-01	1530	0.06	9.56E-01	2020	2.82	4.81E-03	7840
<i>SCARB1</i>	rs865716	A	T	0.50	3.90	9.62E-05	1600	0.90	3.67E-01	2688	0.79	4.32E-01	1531	0.36	7.20E-01	2020	2.82	4.81E-03	7839
<i>ABCA1</i>	rs2043664	A	G	0.27	-0.74	4.59E-01	1600	-1.77	7.73E-02	2693	-1.06	2.88E-01	1544	-1.92	5.43E-02	2020	-2.82	4.88E-03	7857
<i>LPL</i>	rs10099160	C	A	0.21	-2.50	1.23E-02	1600	-1.12	2.65E-01	2693	-0.30	7.67E-01	1542	-1.75	7.93E-02	2020	-2.80	5.04E-03	7855

<i>LPL</i>	rs2197089	G	A	0.43	-1.74	8.26E-02	1592	-1.30	1.96E-01	2681	-1.57	1.17E-01	1534	-1.12	2.62E-01	2019	-2.80	5.05E-03	7826
<i>LPL</i>	rs3200218	G	A	0.21	-2.49	1.27E-02	1600	-1.20	2.32E-01	2693	-0.26	7.98E-01	1540	-1.68	9.25E-02	2020	-2.79	5.24E-03	7853
<i>LIPC</i>	rs17190517	A	G	0.42	-1.28	2.01E-01	1599	-0.83	4.09E-01	2688	-1.75	8.08E-02	1540	-1.87	6.10E-02	2019	-2.79	5.36E-03	7846
<i>PCSK5</i>	rs12683707	A	G	0.03	-1.88	5.96E-02	1600	-2.53	1.15E-02	2693	-0.61	5.42E-01	1544	-0.31	7.54E-01	2020	-2.76	5.81E-03	7857
<i>LRP2</i>	rs34291900	A	G	0.03	-0.66	5.11E-01	1600	-3.16	1.59E-03	2693	-1.49	1.38E-01	1544	0.10	9.17E-01	2020	-2.75	5.95E-03	7857
<i>LIPC</i>	rs4775072	A	G	0.06	0.67	5.06E-01	1600	2.69	7.29E-03	2693	-0.09	9.30E-01	1544	1.78	7.54E-02	2020	2.73	6.26E-03	7857
<i>LIPC</i>	rs6494005	G	A	0.49	-1.61	1.07E-01	1600	-0.80	4.25E-01	2693	-1.17	2.43E-01	1539	-2.00	4.54E-02	2020	-2.73	6.40E-03	7852
<i>SCARB1</i>	rs4379922	G	A	0.35	2.41	1.59E-02	1600	1.62	1.06E-01	2693	1.20	2.31E-01	1543	0.31	7.54E-01	2019	2.73	6.43E-03	7855
<i>ABCA1</i>	rs2230808	A	G	0.30	-0.98	3.29E-01	1600	-3.17	1.54E-03	2693	-0.81	4.18E-01	1543	-0.07	9.45E-01	2020	-2.69	7.17E-03	7856
<i>CETP</i>	rs158477	G	A	0.48	0.90	3.68E-01	1600	0.64	5.21E-01	2693	0.86	3.92E-01	1543	3.01	2.62E-03	2020	2.69	7.20E-03	7856
<i>PCSK6</i>	rs7165901	C	G	0.29	1.19	2.34E-01	1600	1.67	9.58E-02	2693	1.49	1.37E-01	1543	0.96	3.36E-01	2019	2.66	7.82E-03	7855
<i>LIPC</i>	rs12914035	G	A	0.14	-1.91	5.67E-02	1598	-0.66	5.07E-01	2686	-2.74	6.13E-03	1536	-0.39	6.99E-01	2019	-2.66	7.85E-03	7839
<i>SCARB1</i>	rs10773112	G	A	0.30	-1.08	2.81E-01	1600	-1.24	2.17E-01	2693	-1.70	8.90E-02	1543	-1.36	1.73E-01	2019	-2.66	7.94E-03	7855
<i>PPARD</i>	rs2267667	G	C	0.30	2.35	1.90E-02	1600	1.80	7.14E-02	2693	0.73	4.68E-01	1544	0.43	6.68E-01	2020	2.65	7.97E-03	7857
<i>ABCA1</i>	rs3780543	G	A	0.15	2.59	9.73E-03	1600	1.49	1.36E-01	2683	1.32	1.87E-01	1526	0.02	9.84E-01	2019	2.64	8.42E-03	7828
<i>PPARD</i>	rs9658081	A	G	0.03	1.56	1.19E-01	1600	1.42	1.55E-01	2686	0.71	4.81E-01	1544	1.53	1.25E-01	2019	2.63	8.62E-03	7849
<i>NFKB1</i>	rs4648011	C	A	0.39	2.22	2.62E-02	1600	0.93	3.52E-01	2693	-0.03	9.73E-01	1538	2.15	3.19E-02	2018	2.62	8.76E-03	7849
<i>PON1/2/3/4</i>	rs3757707	A	G	0.29	2.16	3.09E-02	1600	0.67	5.05E-01	2693	1.26	2.09E-01	1543	1.37	1.71E-01	2019	2.62	8.91E-03	7855
<i>PPARD</i>	rs1053049	G	A	0.29	2.47	1.36E-02	1600	2.05	4.05E-02	2691	0.09	9.29E-01	1536	0.46	6.44E-01	2020	2.59	9.65E-03	7847
<i>ABCA1</i>	rs3847305	C	G	0.19	-1.80	7.19E-02	1600	-0.03	9.75E-01	2693	-1.65	9.98E-02	1543	-2.02	4.38E-02	2020	-2.58	9.80E-03	7856
<i>PPARD</i>	rs760783	A	C	0.16	0.88	3.78E-01	1600	2.65	8.18E-03	2693	0.48	6.35E-01	1544	0.84	4.02E-01	2020	2.58	9.83E-03	7857
<i>ABCA1</i>	rs12341993	A	C	0.13	-3.22	1.26E-03	1600	-0.08	9.37E-01	2693	-0.94	3.48E-01	1543	-1.31	1.91E-01	2020	-2.58	9.86E-03	7856
<i>NFKB1</i>	rs1598857	A	G	0.38	2.37	1.77E-02	1599	1.08	2.80E-01	2686	-0.28	7.83E-01	1538	1.96	4.94E-02	2018	2.58	9.92E-03	7841
<i>NFKB1</i>	rs1609798	A	G	0.29	1.67	9.56E-02	1600	0.91	3.61E-01	2693	0.88	3.79E-01	1539	1.77	7.59E-02	2020	2.58	9.96E-03	7852
<i>LIPC</i>	rs12900622	G	A	0.14	-1.86	6.34E-02	1600	-0.54	5.90E-01	2692	-2.65	8.20E-03	1541	-0.48	6.34E-01	2019	-2.57	1.03E-02	7852
<i>ABCA1</i>	rs12235875	G	A	0.08	2.48	1.30E-02	1600	0.56	5.72E-01	2682	0.90	3.67E-01	1537	1.40	1.61E-01	2019	2.56	1.04E-02	7838
<i>PCSK5</i>	rs12343074	A	G	0.02	1.54	1.23E-01	1600	3.18	1.49E-03	2693	0.16	8.76E-01	1544	-0.12	9.02E-01	2020	2.56	1.04E-02	7857

<i>NFKB1</i>	rs3774933	G	A	0.38	2.28	2.24E-02	1600	1.02	3.06E-01	2692	-0.21	8.32E-01	1540	2.02	4.29E-02	2019	2.56	1.04E-02	7851
<i>NR5A2</i>	rs7551367	G	A	0.17	-1.55	1.22E-01	1598	-0.81	4.19E-01	2693	-2.77	5.66E-03	1541	-0.32	7.52E-01	2019	-2.56	1.06E-02	7851
<i>PPARD</i>	rs2267669	G	A	0.18	1.31	1.90E-01	1599	2.15	3.15E-02	2693	0.87	3.83E-01	1544	0.63	5.32E-01	2020	2.56	1.06E-02	7856
<i>PLTP</i>	rs11569671	A	G	0.03	-1.82	6.91E-02	1597	-2.11	3.52E-02	2677	-0.04	9.66E-01	1527	-0.95	3.45E-01	2020	-2.55	1.07E-02	7821
<i>ABCA1</i>	rs4149313	G	A	0.17	2.26	2.38E-02	1600	1.56	1.20E-01	2693	1.42	1.56E-01	1543	-0.01	9.88E-01	2020	2.55	1.07E-02	7856
<i>PPARD</i>	rs2076167	G	A	0.29	2.38	1.74E-02	1600	2.08	3.78E-02	2693	0.15	8.82E-01	1543	0.39	7.00E-01	2020	2.55	1.08E-02	7856
<i>PPARD</i>	rs2076166	A	G	0.16	1.01	3.11E-01	1597	2.63	8.49E-03	2690	0.35	7.27E-01	1538	0.77	4.40E-01	2019	2.55	1.09E-02	7844
<i>PCSK5</i>	rs17668141	A	G	0.36	-2.58	9.94E-03	1600	-2.39	1.70E-02	2692	-1.56	1.18E-01	1544	1.41	1.59E-01	2019	-2.54	1.11E-02	7855
<i>LIPG</i>	rs9958734	G	A	0.05	1.38	1.67E-01	1600	1.29	1.96E-01	2693	1.27	2.06E-01	1544	1.18	2.40E-01	2020	2.54	1.12E-02	7857
<i>NFKB1</i>	rs4648051	G	A	0.28	1.95	5.10E-02	1599	1.09	2.78E-01	2690	0.03	9.73E-01	1539	1.98	4.75E-02	2018	2.54	1.12E-02	7846
<i>PPARD</i>	rs2267665	A	G	0.17	1.18	2.39E-01	1600	2.12	3.44E-02	2693	0.91	3.64E-01	1544	0.71	4.75E-01	2020	2.54	1.13E-02	7857
<i>ABCA1</i>	rs4149338	A	G	0.29	1.46	1.44E-01	1600	2.10	3.56E-02	2693	-0.36	7.16E-01	1544	1.58	1.13E-01	2020	2.53	1.14E-02	7857
<i>ABCA1</i>	rs2487042	A	G	0.22	1.25	2.11E-01	1595	1.85	6.47E-02	2692	0.24	8.11E-01	1515	1.52	1.29E-01	2019	2.53	1.16E-02	7821
<i>NFKB1</i>	rs1599961	A	G	0.38	2.32	2.05E-02	1600	1.03	3.01E-01	2693	-0.29	7.72E-01	1539	1.97	4.88E-02	2020	2.52	1.17E-02	7852
<i>LRP1</i>	rs1466535	A	G	0.32	-0.82	4.10E-01	1600	-2.13	3.35E-02	2693	-0.73	4.63E-01	1544	-1.14	2.54E-01	2020	-2.52	1.17E-02	7857
<i>RXRA</i>	rs3132300	A	G	0.21	-1.02	3.08E-01	1599	-2.10	3.61E-02	2693	-1.05	2.94E-01	1543	-0.72	4.70E-01	2020	-2.52	1.18E-02	7855
<i>ABCA1</i>	rs2740483	C	G	0.28	-1.09	2.77E-01	1600	-1.59	1.12E-01	2688	-0.92	3.59E-01	1542	-1.35	1.77E-01	2020	-2.51	1.20E-02	7850
<i>ABCA1</i>	rs1883023	A	G	0.30	-1.21	2.25E-01	1600	-2.85	4.40E-03	2693	-0.35	7.29E-01	1543	-0.28	7.78E-01	2020	-2.51	1.20E-02	7856
<i>PAFAH1B1</i>	rs8082331	G	A	0.04	0.45	6.55E-01	1600	2.14	3.23E-02	2692	1.60	1.11E-01	1542	0.68	4.93E-01	2020	2.51	1.21E-02	7854
<i>PON1/2/3/4</i>	rs854568	G	A	0.25	2.97	2.97E-03	1600	1.09	2.74E-01	2693	0.33	7.44E-01	1543	0.74	4.58E-01	2020	2.50	1.23E-02	7856
<i>LIPG</i>	rs12966382	A	G	0.15	2.59	9.51E-03	1600	0.11	9.09E-01	2693	0.06	9.49E-01	1542	2.41	1.59E-02	2018	2.49	1.29E-02	7853
<i>HDLBP</i>	rs1064767	G	A	0.17	-0.35	7.26E-01	1600	-1.78	7.51E-02	2693	-1.27	2.05E-01	1535	-1.42	1.55E-01	2019	-2.48	1.30E-02	7847
<i>LRP1</i>	rs4759044	G	A	0.44	0.14	8.88E-01	1600	-2.58	9.89E-03	2687	-1.49	1.36E-01	1541	-0.72	4.70E-01	2020	-2.47	1.34E-02	7848
<i>PCSK5</i>	rs11144706	A	T	0.08	-1.71	8.76E-02	1600	-1.35	1.77E-01	2693	-1.19	2.34E-01	1543	-0.74	4.60E-01	2020	-2.46	1.38E-02	7856
<i>APOA1/A4/A5/C3</i>	rs34003087	A	G	0.05	0.82	4.14E-01	1599	0.08	9.39E-01	2692	1.32	1.87E-01	1544	2.87	4.13E-03	2020	2.45	1.42E-02	7855
<i>LIPC</i>	rs17301822	A	G	0.03	1.65	9.83E-02	1600	0.88	3.80E-01	2693	0.12	9.02E-01	1544	2.24	2.52E-02	2020	2.45	1.43E-02	7857
<i>LPL</i>	rs4922115	A	G	0.15	1.26	2.09E-01	1596	1.12	2.63E-01	2651	1.64	1.02E-01	1335	1.00	3.15E-01	1997	2.44	1.47E-02	7579

<i>NFKB1</i>	rs747559	G	A	0.39	1.96	5.03E-02	1600	1.19	2.36E-01	2693	-0.30	7.64E-01	1539	1.95	5.08E-02	2019	2.44	1.48E-02	7851
<i>SCARB1</i>	rs10773105	G	A	0.47	3.92	9.03E-05	1599	0.67	5.02E-01	2693	-0.45	6.52E-01	1534	0.93	3.54E-01	2020	2.43	1.50E-02	7846
<i>MMAB/MVK</i>	rs11067394	G	A	0.22	1.74	8.21E-02	1600	1.31	1.89E-01	2693	0.70	4.87E-01	1542	1.12	2.63E-01	2020	2.43	1.51E-02	7855
<i>ABCB11</i>	rs853789	A	G	0.31	-0.25	8.06E-01	1599	1.77	7.61E-02	2693	0.44	6.59E-01	1538	2.57	1.01E-02	2020	2.43	1.52E-02	7850
<i>ABCA1</i>	rs4149269	G	A	0.39	-1.64	1.01E-01	1600	-1.37	1.72E-01	2662	-0.37	7.09E-01	1544	-1.42	1.56E-01	2020	-2.42	1.54E-02	7826
<i>NFKB1</i>	rs980455	G	A	0.39	1.93	5.41E-02	1600	1.25	2.13E-01	2693	-0.33	7.41E-01	1538	1.91	5.62E-02	2019	2.42	1.55E-02	7850
<i>TAP2</i>	rs9357155	A	G	0.10	0.81	4.16E-01	1599	1.09	2.78E-01	2693	1.25	2.13E-01	1541	1.71	8.77E-02	2020	2.42	1.55E-02	7853
<i>PCSK6</i>	rs1871975	G	A	0.43	1.08	2.79E-01	1600	0.36	7.15E-01	2692	2.57	1.03E-02	1544	1.14	2.53E-01	2020	2.42	1.56E-02	7856
<i>PCSK5</i>	rs1856508	A	C	0.09	2.29	2.23E-02	1598	1.01	3.12E-01	2690	1.33	1.83E-01	1537	0.40	6.86E-01	2020	2.42	1.56E-02	7845
<i>APOE/C1/C2</i>	rs12709889	A	G	0.27	0.84	4.02E-01	1590	0.40	6.92E-01	2660	2.60	9.39E-03	1498	1.30	1.95E-01	2007	2.41	1.58E-02	7755
<i>CETP</i>	rs12720917	G	A	0.14	1.96	5.05E-02	1600	0.93	3.50E-01	2693	0.24	8.12E-01	1543	1.73	8.36E-02	2020	2.41	1.59E-02	7856
<i>LIPC</i>	rs11852861	A	G	0.40	0.21	8.32E-01	1600	0.94	3.50E-01	2693	1.25	2.11E-01	1543	2.39	1.70E-02	2020	2.41	1.61E-02	7856
<i>CETP</i>	rs1800776	A	C	0.07	-1.63	1.03E-01	1600	0.29	7.70E-01	2693	-2.10	3.57E-02	1544	-1.79	7.37E-02	2020	-2.40	1.63E-02	7857
<i>ABCB11</i>	rs569805	T	A	0.32	-0.76	4.46E-01	1600	2.20	2.77E-02	2693	0.50	6.15E-01	1543	2.43	1.50E-02	2020	2.40	1.63E-02	7856
<i>LIPG</i>	rs3744843	G	A	0.06	1.26	2.07E-01	1598	1.09	2.76E-01	2691	1.55	1.20E-01	1541	0.99	3.24E-01	2020	2.40	1.66E-02	7850
<i>APOB</i>	rs693	A	G	0.46	-1.86	6.32E-02	1600	-0.58	5.62E-01	2693	-2.14	3.30E-02	1542	-0.53	5.99E-01	2019	-2.39	1.68E-02	7854
<i>ABCB11</i>	rs484066	T	A	0.37	-0.38	7.06E-01	1600	1.90	5.78E-02	2692	0.52	6.01E-01	1543	2.38	1.71E-02	2019	2.38	1.73E-02	7854
<i>ABCB11</i>	rs3770603	A	G	0.09	-1.33	1.84E-01	1600	-1.79	7.33E-02	2693	-0.21	8.37E-01	1543	-1.26	2.07E-01	2020	-2.38	1.74E-02	7856
<i>NR5A2</i>	rs2821369	A	G	0.09	0.17	8.64E-01	1600	-2.45	1.42E-02	2692	-1.56	1.18E-01	1543	-0.64	5.22E-01	2020	-2.38	1.75E-02	7855
<i>SCARB1</i>	rs4765180	A	G	0.48	2.53	1.13E-02	1596	1.27	2.05E-01	2691	0.80	4.25E-01	1541	0.26	7.93E-01	2015	2.37	1.77E-02	7843
<i>ABCG1</i>	rs7277991	A	C	0.35	-0.69	4.89E-01	1600	-1.23	2.20E-01	2693	-0.51	6.09E-01	1543	-2.20	2.81E-02	2020	-2.37	1.77E-02	7856
<i>ATP5B</i>	rs1465081	A	G	0.26	0.25	8.01E-01	1600	-2.32	2.03E-02	2690	-2.36	1.85E-02	1541	-0.15	8.78E-01	2020	-2.37	1.80E-02	7851
<i>LIPC</i>	rs10518976	A	T	0.08	1.04	2.97E-01	1600	0.22	8.28E-01	2693	2.20	2.83E-02	1544	1.57	1.17E-01	2020	2.37	1.80E-02	7857
<i>PCSK5</i>	rs2789608	G	C	0.39	2.45	1.42E-02	1599	2.63	8.58E-03	2693	0.93	3.54E-01	1543	-1.36	1.73E-01	2020	2.37	1.80E-02	7855
<i>ABCA1</i>	rs4149272	A	G	0.41	-1.36	1.74E-01	1600	-1.16	2.48E-01	2693	-0.69	4.89E-01	1544	-1.51	1.31E-01	2020	-2.36	1.82E-02	7857
<i>HDLBP</i>	rs15129	G	A	0.18	-0.51	6.10E-01	1598	-1.72	8.50E-02	2690	-1.27	2.06E-01	1544	-1.11	2.68E-01	2020	-2.36	1.82E-02	7852
<i>PON1/2/3/4</i>	rs10487132	G	A	0.39	-0.12	9.01E-01	1575	0.65	5.13E-01	2675	-2.62	8.96E-03	1490	-3.03	2.47E-03	2019	-2.36	1.82E-02	7759

<i>NFKB1</i>	rs4648133	G	A	0.29	2.01	4.45E-02	1600	0.97	3.31E-01	2693	0.00	9.99E-01	1544	1.73	8.33E-02	2020	2.36	1.85E-02	7857
<i>LPL</i>	rs249	G	A	0.08	0.31	7.59E-01	1600	0.92	3.60E-01	2691	1.93	5.39E-02	1542	1.63	1.04E-01	2020	2.35	1.86E-02	7853
<i>PCSK5</i>	rs2777020	G	A	0.23	1.98	4.82E-02	1600	1.13	2.58E-01	2693	0.38	7.02E-01	1544	1.23	2.20E-01	2020	2.35	1.90E-02	7857
<i>LIPC</i>	rs12912415	G	A	0.13	-1.47	1.42E-01	1600	-0.48	6.31E-01	2693	-2.39	1.68E-02	1542	-0.67	5.02E-01	2020	-2.34	1.91E-02	7855
<i>PCSK5</i>	rs11144672	A	T	0.04	1.77	7.64E-02	1600	1.68	9.33E-02	2692	0.44	6.59E-01	1544	0.72	4.74E-01	2019	2.34	1.92E-02	7855
<i>ABCB11</i>	rs853787	C	A	0.31	-0.16	8.73E-01	1600	1.68	9.26E-02	2692	0.42	6.78E-01	1544	2.45	1.43E-02	2016	2.34	1.94E-02	7852
<i>APOA1/A4/A5/C3</i>	rs619054	A	G	0.23	1.94	5.27E-02	1586	2.06	3.94E-02	2676	-0.13	8.96E-01	1523	0.60	5.51E-01	2018	2.33	2.01E-02	7803
<i>LIPC</i>	rs4238330	A	G	0.06	1.32	1.88E-01	1600	1.51	1.31E-01	2693	-0.33	7.41E-01	1544	1.95	5.11E-02	2020	2.32	2.03E-02	7857
<i>PON1/2/3/4</i>	rs6978425	C	A	0.34	2.08	3.79E-02	1599	0.84	4.00E-01	2688	1.50	1.34E-01	1542	0.45	6.54E-01	2019	2.32	2.03E-02	7848
<i>SCARB1</i>	rs7977729	G	A	0.26	-0.68	4.96E-01	1600	-0.38	7.01E-01	2693	-4.01	6.34E-05	1543	-0.03	9.79E-01	2019	-2.32	2.04E-02	7855
<i>PDZK1</i>	rs12129861	A	G	0.45	0.48	6.33E-01	1590	1.41	1.59E-01	2684	0.95	3.40E-01	1531	1.65	9.92E-02	2014	2.30	2.14E-02	7819
<i>MMAB/MVK</i>	rs11067376	G	A	0.41	0.94	3.48E-01	1599	1.12	2.65E-01	2693	1.89	5.89E-02	1534	0.76	4.49E-01	2020	2.30	2.17E-02	7846
<i>SORCS1</i>	rs7897974	A	G	0.45	2.80	5.06E-03	1600	0.79	4.31E-01	2691	1.13	2.60E-01	1542	0.13	8.93E-01	2020	2.29	2.18E-02	7853
<i>ABCA1</i>	rs4149273	G	A	0.41	-1.21	2.25E-01	1600	-1.15	2.53E-01	2693	-0.69	4.89E-01	1544	-1.51	1.31E-01	2020	-2.29	2.21E-02	7857
<i>LIPG</i>	rs11875600	G	A	0.09	1.36	1.73E-01	1600	1.64	1.01E-01	2692	0.62	5.38E-01	1528	0.87	3.86E-01	2019	2.29	2.21E-02	7839
<i>TRIB1</i>	rs17321515	G	A	0.47	0.74	4.62E-01	1600	1.56	1.18E-01	2693	2.43	1.52E-02	1544	-0.07	9.46E-01	2020	2.29	2.21E-02	7857
<i>ABCA1</i>	rs3780542	A	G	0.08	2.16	3.08E-02	1600	0.32	7.47E-01	2693	1.03	3.05E-01	1536	1.32	1.88E-01	2018	2.29	2.22E-02	7847
<i>SORCS1</i>	rs11193154	A	G	0.06	0.42	6.74E-01	1600	-2.20	2.80E-02	2693	0.76	4.46E-01	1544	-3.00	2.70E-03	2020	-2.28	2.26E-02	7857
<i>PDZK1</i>	rs1471633	C	A	0.49	-0.12	9.02E-01	1582	1.45	1.47E-01	2677	2.04	4.19E-02	1517	1.13	2.60E-01	2016	2.27	2.35E-02	7792
<i>ABCB11</i>	rs853778	A	G	0.46	-0.57	5.69E-01	1600	1.09	2.77E-01	2693	-0.10	9.21E-01	1544	3.81	1.41E-04	2020	2.27	2.35E-02	7857
<i>LPL</i>	rs316	A	C	0.14	1.80	7.19E-02	1600	1.60	1.11E-01	2692	-0.24	8.12E-01	1544	1.23	2.18E-01	2020	2.26	2.36E-02	7856
<i>APOA1/A4/A5/C3</i>	rs675	T	A	0.19	0.91	3.65E-01	1600	0.81	4.18E-01	2693	1.46	1.44E-01	1541	1.44	1.49E-01	2020	2.26	2.36E-02	7854
<i>PCSK5</i>	rs6560478	G	C	0.36	-0.77	4.44E-01	1600	-1.61	1.08E-01	2692	-0.72	4.72E-01	1277	-1.27	2.02E-01	2019	-2.26	2.37E-02	7588
<i>NFKB1</i>	rs11733293	A	G	0.31	1.76	7.85E-02	1598	1.05	2.96E-01	2690	0.57	5.66E-01	1529	1.17	2.41E-01	2017	2.26	2.41E-02	7834
<i>NR5A2</i>	rs3762399	A	C	0.10	0.56	5.78E-01	1600	-2.65	8.01E-03	2692	-1.78	7.54E-02	1544	-0.32	7.49E-01	2018	-2.25	2.43E-02	7854
<i>ABCA1</i>	rs2740476	G	C	0.24	-0.78	4.33E-01	1600	-1.92	5.54E-02	2693	-0.94	3.46E-01	1544	-0.71	4.81E-01	2020	-2.25	2.44E-02	7857
<i>APOA1/A4/A5/C3</i>	rs689243	G	C	0.42	2.51	1.22E-02	1600	2.25	2.43E-02	2693	0.03	9.79E-01	1541	-0.42	6.78E-01	2020	2.25	2.44E-02	7854

<i>LPL</i>	rs4921683	A	T	0.16	1.25	2.13E-01	1599	1.34	1.80E-01	2682	0.74	4.60E-01	1539	1.12	2.61E-01	2019	2.25	2.48E-02	7839
<i>APOA1/A4/A5/C3</i>	rs2266788	G	A	0.07	-0.33	7.38E-01	1600	-1.08	2.78E-01	2690	-1.46	1.46E-01	1526	-1.60	1.10E-01	2020	-2.24	2.51E-02	7836
<i>PCSK5</i>	rs1023181	G	A	0.29	2.24	2.54E-02	1600	0.15	8.83E-01	2693	0.51	6.12E-01	1541	1.81	6.97E-02	2020	2.24	2.51E-02	7854
<i>ABCG5</i>	rs1864814	A	G	0.04	1.98	4.82E-02	1600	1.44	1.51E-01	2693	1.62	1.05E-01	1544	-0.42	6.71E-01	2020	2.24	2.53E-02	7857
<i>ABCA1</i>	rs2065412	G	A	0.37	-2.00	4.52E-02	1600	-0.78	4.35E-01	2693	-0.79	4.27E-01	1543	-1.03	3.03E-01	2020	-2.24	2.55E-02	7856
<i>HNF4A</i>	rs717248	G	A	0.05	0.83	4.05E-01	1600	3.13	1.75E-03	2693	0.72	4.74E-01	1544	-0.58	5.63E-01	2020	2.23	2.56E-02	7857
<i>LPL</i>	rs11570892	G	A	0.17	1.26	2.08E-01	1600	1.29	1.97E-01	2693	0.75	4.55E-01	1544	1.14	2.55E-01	2020	2.23	2.57E-02	7857
<i>PCSK5</i>	rs10781328	A	G	0.10	-1.82	6.88E-02	1597	-2.02	4.34E-02	2687	0.29	7.71E-01	1532	-0.67	5.01E-01	2018	-2.22	2.66E-02	7834
<i>LPL</i>	rs1059507	A	G	0.16	1.23	2.18E-01	1600	1.24	2.17E-01	2692	0.81	4.20E-01	1543	1.14	2.55E-01	2020	2.21	2.69E-02	7855
<i>NFKB1</i>	rs4698860	G	A	0.31	1.74	8.24E-02	1600	1.03	3.02E-01	2693	0.53	5.93E-01	1540	1.15	2.52E-01	2020	2.21	2.73E-02	7853
<i>LIPC</i>	rs4775046	A	G	0.49	-1.33	1.84E-01	1600	-0.76	4.50E-01	2693	-0.48	6.32E-01	1541	-1.87	6.15E-02	2019	-2.20	2.76E-02	7853
<i>RXRA</i>	rs4842198	A	G	0.25	-1.62	1.06E-01	1569	-0.49	6.27E-01	2654	-1.14	2.57E-01	1378	-1.36	1.75E-01	2014	-2.20	2.77E-02	7615
<i>CETP</i>	rs1801706	A	G	0.17	3.36	7.73E-04	1600	-0.50	6.20E-01	2693	0.67	5.06E-01	1544	1.32	1.87E-01	2019	2.19	2.84E-02	7856
<i>FADS1/2/3</i>	rs509360	A	G	0.38	-0.39	6.97E-01	1600	1.57	1.16E-01	2693	0.47	6.38E-01	1541	2.44	1.47E-02	2020	2.19	2.86E-02	7854
<i>NFKB1</i>	rs4698862	G	A	0.31	1.65	9.95E-02	1599	1.03	3.04E-01	2692	0.54	5.91E-01	1540	1.19	2.36E-01	2018	2.19	2.89E-02	7849
<i>LIPC</i>	rs8028759	G	A	0.35	2.02	4.38E-02	1600	-0.06	9.54E-01	2693	1.80	7.17E-02	1543	1.00	3.16E-01	2020	2.18	2.91E-02	7856
<i>PON1/2/3/4</i>	rs2375005	T	A	0.46	-0.63	5.26E-01	1600	-0.22	8.29E-01	2693	3.00	2.73E-03	1540	2.50	1.25E-02	2019	2.18	2.92E-02	7852
<i>PCSK6</i>	rs4965836	G	C	0.09	-0.24	8.13E-01	1599	-1.04	2.99E-01	2692	-1.30	1.93E-01	1543	-1.75	8.06E-02	2020	-2.18	2.94E-02	7854
<i>SCARB1</i>	rs838896	C	G	0.33	-0.44	6.57E-01	1598	-0.56	5.75E-01	2688	-4.55	5.89E-06	1537	0.70	4.81E-01	2020	-2.18	2.95E-02	7843
<i>LRP1</i>	rs4759277	A	C	0.35	-0.48	6.32E-01	1600	-1.79	7.31E-02	2693	-0.85	3.97E-01	1544	-1.05	2.94E-01	2019	-2.17	2.98E-02	7856
<i>ABCB11</i>	rs494874	A	G	0.31	-0.81	4.17E-01	1600	2.02	4.36E-02	2688	0.60	5.49E-01	1540	2.15	3.16E-02	2019	2.17	3.00E-02	7847
<i>MMAB/MVK</i>	rs10850432	A	G	0.03	-1.32	1.88E-01	1600	-1.27	2.06E-01	2693	-0.92	3.58E-01	1543	-0.84	4.02E-01	2020	-2.17	3.02E-02	7856
<i>PCSK5</i>	rs2066185	C	G	0.46	-1.76	7.89E-02	1600	-1.14	2.54E-01	2693	-0.54	5.90E-01	1542	-0.92	3.58E-01	2020	-2.17	3.03E-02	7855
<i>TAP2</i>	rs4148871	A	G	0.20	-0.86	3.90E-01	1600	-1.25	2.10E-01	2693	-0.93	3.51E-01	1536	-1.24	2.16E-01	2018	-2.16	3.06E-02	7847
<i>NFKB1</i>	rs4698863	A	G	0.31	1.64	1.02E-01	1600	1.01	3.13E-01	2693	0.53	5.95E-01	1543	1.17	2.43E-01	2018	2.16	3.10E-02	7854
<i>SCARB1</i>	rs12819677	A	G	0.45	-3.45	5.68E-04	1600	-0.99	3.22E-01	2693	0.93	3.51E-01	1538	-0.85	3.96E-01	2019	-2.15	3.13E-02	7850
<i>APOE/C1/C2</i>	rs769450	A	G	0.40	1.51	1.32E-01	1599	2.48	1.31E-02	2689	-0.18	8.59E-01	1544	0.20	8.44E-01	2020	2.15	3.13E-02	7852

<i>ABCA1</i>	rs10115928	A	G	0.42	-1.51	1.31E-01	1598	-0.98	3.29E-01	2693	-0.19	8.48E-01	1542	-1.60	1.09E-01	2020	-2.15	3.15E-02	7853
<i>PAFAH1B2</i>	rs12291885	G	A	0.04	1.38	1.67E-01	1600	2.10	3.56E-02	2675	1.04	2.98E-01	1544	-0.35	7.24E-01	2018	2.14	3.28E-02	7837
<i>ABCA1</i>	rs2575875	A	G	0.42	-1.45	1.47E-01	1600	-0.91	3.65E-01	2693	-0.04	9.68E-01	1543	-1.82	6.92E-02	2019	-2.13	3.36E-02	7855
<i>SCARB1</i>	rs838893	A	G	0.31	-0.33	7.39E-01	1600	-0.66	5.12E-01	2693	-3.95	8.32E-05	1538	0.30	7.65E-01	2020	-2.13	3.36E-02	7851
<i>LIPC</i>	rs17269264	A	G	0.47	-1.23	2.19E-01	1600	-0.88	3.79E-01	2693	-0.46	6.48E-01	1543	1.68	9.29E-02	2020	-2.12	3.37E-02	7856
<i>PCSK5</i>	rs2275406	A	G	0.10	-1.82	6.86E-02	1596	-1.84	6.63E-02	2693	-0.07	9.41E-01	1537	-0.38	7.03E-01	2020	-2.12	3.37E-02	7846
<i>LPL</i>	rs270	A	C	0.14	-1.31	1.91E-01	1600	-0.89	3.76E-01	2693	-0.31	7.56E-01	1540	-1.71	8.70E-02	2020	-2.11	3.45E-02	7853
<i>PLTP</i>	rs6065904	A	G	0.22	-2.33	2.00E-02	1599	-0.29	7.72E-01	2693	0.14	8.90E-01	1542	-1.88	5.97E-02	2020	-2.11	3.46E-02	7854
<i>PLTP</i>	rs4810479	G	A	0.27	-2.14	3.22E-02	1599	-0.16	8.73E-01	2693	0.47	6.39E-01	1543	-2.48	1.33E-02	2018	-2.11	3.51E-02	7853
<i>PCSK6</i>	rs2220055	A	G	0.10	-0.25	8.02E-01	1600	-0.50	6.16E-01	2693	-1.62	1.05E-01	1541	-1.93	5.32E-02	2020	-2.11	3.52E-02	7854
<i>NFKB1</i>	rs230542	A	G	0.32	1.50	1.33E-01	1600	0.58	5.60E-01	2693	0.26	7.96E-01	1537	1.89	5.87E-02	2020	2.09	3.63E-02	7850
<i>APOA1/A4/A5/C3</i>	rs12099358	A	C	0.18	1.24	2.14E-01	1600	1.99	4.62E-02	2693	0.79	4.30E-01	1544	0.03	9.78E-01	2020	2.09	3.65E-02	7857
<i>LIPC</i>	rs11853726	G	A	0.41	-0.14	8.92E-01	1600	2.60	9.30E-03	2690	-0.01	9.95E-01	1544	1.25	2.11E-01	2008	2.09	3.65E-02	7842
<i>ABCA1</i>	rs10120087	A	C	0.13	1.27	2.04E-01	1600	0.87	3.83E-01	2693	1.48	1.39E-01	1544	0.69	4.91E-01	2020	2.09	3.66E-02	7857
<i>PPARD</i>	rs9658085	G	A	0.08	1.65	9.89E-02	1600	1.96	5.07E-02	2693	0.98	3.25E-01	1543	-0.47	6.40E-01	2020	2.09	3.68E-02	7856
<i>PAFAH1B2</i>	rs10790175	A	G	0.29	2.69	7.22E-03	1600	2.26	2.38E-02	2693	-0.75	4.51E-01	1540	-0.23	8.19E-01	2020	2.09	3.70E-02	7853
<i>PPARD</i>	rs4713854	C	A	0.09	1.37	1.72E-01	1600	2.98	2.94E-03	2692	-1.04	2.99E-01	1541	0.36	7.16E-01	2020	2.08	3.74E-02	7853
<i>NFKB1</i>	rs17033014	G	A	0.31	1.75	8.04E-02	1600	0.98	3.28E-01	2693	0.46	6.48E-01	1543	0.98	3.29E-01	2018	2.06	3.95E-02	7854
<i>PAFAH1B2</i>	rs4938349	G	A	0.29	2.69	7.06E-03	1599	2.11	3.47E-02	2693	-0.68	4.98E-01	1539	-0.19	8.51E-01	2020	2.06	3.97E-02	7851
<i>NFKB1</i>	rs4698861	G	A	0.31	1.94	5.25E-02	1600	0.73	4.63E-01	2693	0.44	6.57E-01	1539	1.09	2.75E-01	2020	2.06	3.98E-02	7852
<i>SCARB1</i>	rs7134858	A	G	0.08	1.27	2.06E-01	1600	1.12	2.64E-01	2693	1.93	5.41E-02	1544	-0.05	9.63E-01	2019	2.06	3.98E-02	7856
<i>CUBN</i>	rs10904881	A	C	0.41	0.29	7.71E-01	1595	-1.20	2.31E-01	2690	-0.81	4.18E-01	1514	-2.21	2.72E-02	2020	-2.05	4.04E-02	7819
<i>APOE/C1/C2</i>	rs7257468	A	G	0.47	0.22	8.27E-01	1595	0.83	4.07E-01	2686	1.19	2.35E-01	1528	1.84	6.51E-02	2013	2.05	4.08E-02	7822
<i>DGAT1</i>	rs7827865	A	C	0.10	-2.05	4.05E-02	1600	-1.34	1.80E-01	2690	-1.22	2.23E-01	1537	0.40	6.87E-01	2020	-2.05	4.09E-02	7847
<i>APOA2</i>	rs4073054	C	A	0.37	-1.39	1.66E-01	1600	-1.56	1.19E-01	2693	-0.09	9.25E-01	1544	-0.91	3.64E-01	2020	-2.04	4.12E-02	7857
<i>PCSK5</i>	rs4552981	A	T	0.46	2.55	1.09E-02	1600	1.33	1.82E-01	2693	0.56	5.74E-01	1544	-0.27	7.84E-01	2019	2.04	4.13E-02	7856
<i>FAS</i>	rs9658742	G	C	0.47	-0.61	5.44E-01	1581	-0.80	4.22E-01	2625	-2.29	2.24E-02	1526	-0.56	5.78E-01	2012	-2.04	4.14E-02	7744

<i>LRP2</i>	rs1003456	T	A	0.20	0.67	5.02E-01	1600	1.31	1.91E-01	2693	-0.38	7.02E-01	1542	2.25	2.46E-02	2020	2.04	4.15E-02	7855
<i>ABCA1</i>	rs2515617	A	G	0.43	0.54	5.86E-01	1599	-0.90	3.67E-01	2693	-1.80	7.16E-02	1543	-1.88	6.00E-02	2020	-2.03	4.19E-02	7855
<i>ABCB11</i>	rs552976	A	G	0.34	-0.88	3.78E-01	1600	1.96	4.96E-02	2693	0.45	6.51E-01	1544	2.13	3.28E-02	2020	2.03	4.19E-02	7857
<i>LPL</i>	rs281	T	A	0.29	-0.51	6.12E-01	1595	-1.41	1.60E-01	2690	-0.47	6.37E-01	1522	-1.52	1.29E-01	2018	-2.03	4.21E-02	7825
<i>PPARD</i>	rs3734254	G	A	0.26	1.58	1.15E-01	1574	1.79	7.30E-02	2671	-0.40	6.87E-01	1537	0.89	3.73E-01	2019	2.03	4.22E-02	7801
<i>NFKB1</i>	rs11733749	C	A	0.32	1.35	1.77E-01	1574	1.02	3.08E-01	2656	0.44	6.64E-01	1513	1.24	2.14E-01	2017	2.03	4.24E-02	7760
<i>LIPC</i>	rs934296	G	A	0.04	2.35	1.86E-02	1583	0.13	9.00E-01	2665	0.40	6.89E-01	1513	1.41	1.59E-01	2019	2.03	4.24E-02	7780
<i>TRIB1</i>	rs6982636	A	G	0.45	0.68	4.94E-01	1598	1.44	1.50E-01	2689	2.05	4.11E-02	1532	-0.05	9.58E-01	2020	2.03	4.26E-02	7839
<i>ABCA1</i>	rs1831554	A	G	0.06	1.03	3.04E-01	1599	0.45	6.54E-01	2693	1.04	2.98E-01	1543	1.64	1.01E-01	2020	2.02	4.34E-02	7855
<i>CUBN</i>	rs3740163	T	A	0.02	1.79	7.42E-02	1600	0.70	4.84E-01	2692	1.93	5.44E-02	1544	-0.10	9.18E-01	2020	2.02	4.37E-02	7856
<i>APOA1/A4/A5/C3</i>	rs4417316	A	G	0.09	1.58	1.14E-01	1600	1.92	5.54E-02	2693	1.78	7.46E-02	1544	-1.21	2.26E-01	2020	2.01	4.43E-02	7857
<i>NFKB1</i>	rs230532	A	T	0.32	1.78	7.49E-02	1599	0.28	7.80E-01	2692	0.22	8.24E-01	1538	1.86	6.25E-02	2020	2.01	4.43E-02	7849
<i>CUBN</i>	rs5015063	C	A	0.09	0.76	4.45E-01	1599	1.28	1.99E-01	2693	2.35	1.87E-02	1544	-0.25	8.00E-01	2020	2.01	4.44E-02	7856
<i>LCAT</i>	rs7200210	G	A	0.08	0.99	3.23E-01	1600	-2.56	1.04E-02	2693	-1.05	2.94E-01	1544	-0.96	3.36E-01	2019	-2.01	4.48E-02	7856
<i>LPL</i>	rs9644636	C	A	0.29	-0.44	6.60E-01	1593	-0.93	3.54E-01	2687	-1.48	1.39E-01	1537	-1.20	2.30E-01	2020	-2.01	4.49E-02	7837
<i>ABCG1</i>	rs225443	A	G	0.38	0.16	8.72E-01	1600	1.82	6.97E-02	2693	1.35	1.79E-01	1544	0.53	5.95E-01	2020	2.00	4.55E-02	7857
<i>ABCB11</i>	rs2544367	A	G	0.46	-0.35	7.28E-01	1585	0.80	4.23E-01	2673	-0.65	5.18E-01	1504	3.87	1.11E-04	2016	2.00	4.59E-02	7778
<i>APOE/C1/C2</i>	rs439401	A	G	0.37	2.04	4.16E-02	1578	1.39	1.65E-01	2638	0.97	3.30E-01	1510	-0.33	7.44E-01	2020	1.99	4.62E-02	7746
<i>RXRA</i>	rs7853153	A	G	0.04	2.19	2.89E-02	1600	2.07	3.89E-02	2691	-0.24	8.11E-01	1541	-0.19	8.49E-01	2020	1.99	4.63E-02	7852
<i>PCSK5</i>	rs10781325	C	A	0.33	-0.47	6.37E-01	1600	-1.19	2.33E-01	2693	-1.32	1.89E-01	1544	-0.97	3.32E-01	2020	-1.99	4.69E-02	7857
<i>PPARA</i>	rs5766741	G	A	0.28	-1.16	2.45E-01	1600	2.20	2.80E-02	2692	1.85	6.45E-02	1542	0.79	4.27E-01	2020	1.98	4.73E-02	7854
<i>LIPC</i>	rs1869138	G	A	0.09	0.73	4.66E-01	1600	0.03	9.79E-01	2691	1.41	1.59E-01	1541	1.99	4.65E-02	2020	1.98	4.80E-02	7852
<i>ABCB11</i>	rs853779	C	A	0.47	-0.45	6.53E-01	1600	0.98	3.27E-01	2693	-0.40	6.90E-01	1544	3.52	4.38E-04	2018	1.98	4.81E-02	7855
<i>ABCA1</i>	rs2777784	G	A	0.42	-1.24	2.16E-01	1600	-0.81	4.19E-01	2692	-0.07	9.46E-01	1540	-1.80	7.17E-02	2020	-1.98	4.82E-02	7852
<i>LCAT</i>	rs20549	G	A	0.22	0.81	4.16E-01	1600	-0.15	8.80E-01	2693	2.20	2.82E-02	1543	1.43	1.54E-01	2020	1.97	4.84E-02	7856
<i>APOE/C1/C2</i>	rs3760627	G	A	0.47	0.16	8.74E-01	1600	0.77	4.44E-01	2693	1.12	2.65E-01	1542	1.89	5.88E-02	2020	1.97	4.86E-02	7855
<i>RXRA</i>	rs11102986	A	G	0.18	-0.26	7.93E-01	1599	-1.96	4.98E-02	2692	-0.91	3.62E-01	1541	-0.59	5.56E-01	2020	-1.97	4.89E-02	7852

APOA1/A4/A5/C3	rs2075290	G	A	0.08	0.24	8.09E-01	1600	-1.11	2.66E-01	2693	-1.39	1.66E-01	1544	-1.60	1.09E-01	2019	-1.97	4.91E-02	7856
A, allele; MAF, Minor allele frequency from Penn-RC; T, T-statistic; P, P-value; Z, Z-statistic; N, Sample size																			

Supplemental Table 4. Nonsynonymous SNPs associated with HDL-C								
Locus	SNP	A1	A2	MAF	Z	P	N	AA Change
<i>LPL</i>	rs328	G	C	0.10	-6.68	2.45E-11	7857	S474X
<i>CETP</i>	rs1800777	A	G	0.03	-6.55	5.84E-11	7852	R468Q
<i>CETP</i>	rs5880	C	G	0.04	-6.54	6.24E-11	7857	A390P
<i>CETP</i>	rs5882	G	A	0.34	-4.78	1.76E-06	7855	V422I
<i>LPL</i>	rs268	G	A	0.01	4.55	5.38E-06	7855	N318S
<i>LIPG</i>	rs77960347	G	A	0.01	-4.22	2.48E-05	7857	N396S
<i>APOA1/A4/A5/C3</i>	rs12287066	A	C	0.08	-4.02	5.87E-05	7850	APOA5 I44M
<i>APOB</i>	rs1801695	A	G	0.03	3.95	7.80E-05	7857	A4481T
<i>PON1/2/3/4</i>	rs7493	G	C	0.24	-3.46	5.42E-04	7855	PON2 S311C
<i>PON1/2/3/4</i>	rs12026	C	G	0.24	3.45	5.72E-04	7854	PON2 A148G
<i>APOB</i>	rs1801699	G	A	0.02	3.12	1.80E-03	7853	N1914S
<i>APOE/C1/C2</i>	rs5167	C	A	0.37	-3.10	1.94E-03	7855	APOC4 L96R
<i>APOB</i>	rs676210	A	G	0.21	3.09	1.97E-03	7856	P2739R
<i>PON1/2/3/4</i>	rs13226149	A	G	0.27	2.92	3.50E-03	7851	PON3 F21L
<i>APOB</i>	rs1042034	G	A	0.21	-2.91	3.65E-03	7854	S4338N
<i>LRP2</i>	rs34291900	A	G	0.03	-2.75	5.95E-03	7857	G669D
<i>ABCA1</i>	rs2230808	A	G	0.30	-2.69	7.17E-03	7856	K1587R
<i>ABCA1</i>	rs4149313	G	A	0.17	-2.55	1.07E-02	7856	I883M

APOA1/A4/A5/C3	rs675	T	A	0.19	-2.26	2.36E-02	7854	APOA4 T367S
A, allele; MAF, Minor allele frequency from Penn-RC; T, T-statistic; P, P-value; Z, Z-statistic; N, Sample size								

Supplemental Table 5. Replication of Prior Confirmed Loci

Gene	SNP	Proxy	R ²	Penn-CC		Penn-RC		MONICA/KORA		GRAPHIC		Meta-analysis			Reference
				P	N	P	N	P	N	P	N	P	N	D	
<i>ABCA1</i>	rs1883025			1.41E-02	1599	1.71E-01	2693	3.94E-01	1544	8.86E-03	2020	3.02E-04	7856	-	22, 24
<i>ABCA1</i>	rs3905000	rs3890182	1	5.27E-02	1600	3.75E-01	2692	1.21E-02	1543	8.56E-02	2020	7.33E-04	7855	-	34
<i>ABCA1</i>	rs3890182			5.27E-02	1600	3.75E-01	2692	1.21E-02	1543	8.56E-02	2020	7.33E-04	7855	-	21
<i>ABCA1</i>	rs4149268	rs4149269	1	1.01E-01	1600	1.72E-01	2662	7.09E-01	1544	1.56E-01	2020	1.54E-02	7826	+	9
<i>ABCA1</i>	rs11789603			8.60E-01	1600	6.48E-01	2693	2.29E-02	1544	3.47E-01	2020	6.69E-02	7857	+	24
<i>ABCA1</i>	rs2515614	rs2472509	1	9.60E-01	1600	1.79E-01	2693	3.72E-01	1539	9.82E-01	2020	2.51E-01	7852	+/-	23
<i>ANGPTL4</i>	rs7255436	rs2278236	1	2.42E-01	1600	4.54E-01	2693	1.38E-01	1544	9.93E-01	2020	1.05E-01	7857	+	24
<i>ANGPTL4</i>	rs2967605	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22
<i>APOA1-C3-A4-A5</i>	rs618923	rs619054	0.955	5.27E-02	1586	3.94E-02	2676	8.96E-01	1523	5.51E-01	2018	2.01E-02	7803	+	23
<i>APOA1-C3-A4-A5</i>	rs12225230			1.54E-01	1599	1.69E-01	2692	5.41E-01	1544	8.06E-01	2020	1.11E-01	7855	+	24
<i>APOA1-C3-A4-A5</i>	rs964184	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22, 24
<i>APOA1-C3-A4-A5</i>	rs28927680	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	21
<i>APOB</i>	rs1042034			6.56E-03	1600	4.61E-01	2692	8.43E-02	1542	3.40E-01	2020	3.65E-03	7854	-	24
<i>APOB</i>	rs6754295	rs1042034	0.857	6.56E-03	1600	4.61E-01	2692	8.43E-02	1542	3.40E-01	2020	3.65E-03	7854	-	34
<i>APOE-C1-C2</i>	rs5167			2.45E-01	1600	7.34E-01	2692	3.30E-03	1543	NA	NA	1.94E-03	7855	-	24
<i>APOE-C1-C2</i>	rs769449	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23
<i>APOE-C1-C2</i>	rs4420638	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
<i>CETP</i>	rs3764261			7.82E-14	1600	8.94E-10	2693	6.36E-12	1542	4.77E-15	2019	2.15E-44	7854	+	9, 24, 36, 37
<i>CETP</i>	rs173539	rs3764261	1	7.82E-14	1600	8.94E-10	2693	6.36E-12	1542	4.77E-15	2019	2.15E-44	7854	+	22
<i>CETP</i>	rs1800775			1.40E-14	1600	2.04E-08	2693	7.14E-09	1536	4.95E-11	2020	1.06E-36	7849	+	21, 24
<i>CETP</i>	rs1532624			2.03E-13	1600	3.68E-05	2693	8.81E-10	1543	2.43E-12	2020	3.50E-33	7856	+	34
<i>CETP</i>	rs1864163			1.66E-14	1598	3.05E-06	2692	2.48E-10	1541	1.32E-08	2020	1.47E-32	7851	-	9

<i>CETP</i>	rs9939224	rs7499892	1	8.01E-15	1600	1.10E-08	2693	2.18E-07	1542	2.36E-07	2018	5.62E-32	7853	-	24
<i>CETP</i>	rs9989419			NA	NA	4.45E-02	2070	NA	NA	NA	NA	4.45E-02	2070	-	9, 35
<i>CETP</i>	rs12596776	rs13306677	1	4.02E-01	1600	4.22E-01	2669	7.87E-01	1542	4.41E-01	2020	1.74E-01	7831	+	9
<i>CETP</i>	rs1566439	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9
<i>CTCF-PRMT8</i>	rs2271293	rs2292318	0.915	9.96E-01	1600	2.24E-01	2693	1.33E-02	1509	1.76E-02	2020	2.62E-03	7822	+	34
<i>FADS1-2-3</i>	rs174547	rs1535	1	1.34E-03	1600	5.41E-03	2693	4.18E-01	1537	3.49E-03	2020	8.78E-07	7850	+	22
<i>FADS1-2-3</i>	rs174601			8.12E-04	1599	3.44E-02	2689	4.26E-01	1543	7.34E-03	2020	8.11E-06	7851	-	24
<i>GALNT2</i>	rs2144300			3.90E-02	1600	2.02E-02	2692	6.64E-01	1542	2.37E-01	2020	2.05E-03	7854	+	9
<i>GALNT2</i>	rs4846914			3.90E-02	1600	2.23E-02	2691	7.19E-01	1541	2.35E-01	2019	2.44E-03	7851	+	21, 22, 24
<i>GRIN3A</i>	rs1323432			NA	NA	7.52E-01	2067	NA	NA	NA	NA	7.52E-01	2067	+	9
<i>HNF4A</i>	rs1800961			8.40E-02	1600	8.12E-01	2693	5.46E-01	1544	6.56E-02	2020	1.13E-01	7857	-	22, 24
<i>KLHL8</i>	rs442177	rs3775214	0.964	9.97E-01	1600	4.56E-01	2693	6.31E-01	1543	NA	NA	7.97E-01	5836	-/+	24
<i>LCAT</i>	rs2271293	rs2292318	0.915	9.96E-01	1600	2.24E-01	2693	1.33E-02	1509	1.76E-02	2020	2.62E-03	7822	+	22
<i>LCAT</i>	rs16942887	rs2292318	0.915	9.96E-01	1600	2.24E-01	2693	1.33E-02	1509	1.76E-02	2020	2.62E-03	7822	+	24
<i>LCAT</i>	rs255052			8.85E-01	1599	2.41E-01	2692	6.42E-02	1538	7.57E-03	2019	3.44E-03	7848	+	9
<i>LCAT</i>	rs255049	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	37
<i>LILRA3</i>	rs386000	rs103294	0.832	6.41E-02	1600	3.89E-02	2693	2.89E-01	1544	NA	NA	3.54E-03	5837	+	24
<i>LIPC</i>	rs2070895			9.35E-03	1600	1.18E-01	2693	5.16E-04	1541	1.50E-02	2020	1.17E-06	7854	+	24
<i>LIPC</i>	rs1800588			1.11E-02	1600	1.85E-01	2692	5.64E-04	1541	8.70E-03	2019	1.75E-06	7852	+	21, 23
<i>LIPC</i>	rs261332			9.11E-03	1600	1.82E-01	2692	4.16E-04	1544	1.34E-02	2019	1.79E-06	7855	+	9
<i>LIPC</i>	rs4775041			NA	NA	3.18E-02	2071	NA	NA	NA	NA	3.18E-02	2071	-	9
<i>LIPC</i>	rs10468017	rs4775041	0.84	NA	NA	3.18E-02	2071	NA	NA	NA	NA	3.18E-02	2071	-	22
<i>LIPC</i>	rs1532085	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24, 34, 36, 37
<i>LIPG</i>	rs2156552			4.80E-05	1600	2.16E-02	2693	3.40E-01	1543	7.48E-04	2020	1.09E-07	7856	-	9, 21
<i>LIPG</i>	rs4939883	rs2156552	0.948	4.80E-05	1600	2.16E-02	2693	3.40E-01	1543	7.48E-04	2020	1.09E-07	7856	-	34
<i>LIPG</i>	rs7241918	rs2156552	0.948	4.80E-05	1600	2.16E-02	2693	3.40E-01	1543	7.48E-04	2020	1.09E-07	7856	-	24

<i>LIPG</i>	rs7240405	rs2156552	0.948	4.80E-05	1600	2.16E-02	2693	3.40E-01	1543	7.48E-04	2020	1.09E-07	7856	-	35
<i>LIPG</i>	rs4939883	rs2156552	0.948	4.80E-05	1600	2.16E-02	2693	3.40E-01	1543	7.48E-04	2020	1.09E-07	7856	-	22, 23, 34
<i>LIPG</i>	rs2040293	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
<i>LPA</i>	rs1084651			1.57E-01	1600	7.67E-01	2693	7.09E-01	1541	7.19E-01	2020	4.27E-01	7854	-	24
<i>LPL</i>	rs12678919	rs12679834	0.861	3.32E-05	1598	1.83E-03	2691	2.10E-03	1538	1.28E-03	2013	2.18E-11	7840	-	22, 24
<i>LPL</i>	rs17482753	rs12679834	0.929	3.32E-05	1598	1.83E-03	2691	2.10E-03	1538	1.28E-03	2013	2.18E-11	7840	-	35
<i>LPL</i>	rs328			1.99E-05	1600	1.42E-03	2693	3.62E-03	1544	1.68E-03	2020	2.45E-11	7857	-	21
<i>LPL</i>	rs10503669	rs328	1	1.99E-05	1600	1.42E-03	2693	3.62E-03	1544	1.68E-03	2020	2.45E-11	7857	-	9
<i>LPL</i>	rs10096633	rs328	0.929	1.99E-05	1600	1.42E-03	2693	3.62E-03	1544	1.68E-03	2020	2.45E-11	7857	-	34
<i>LPL</i>	rs2083637	rs13702	0.913	1.25E-06	1599	1.58E-03	2693	2.43E-02	1543	2.62E-03	2020	5.34E-11	7855	-	34
<i>LPL</i>	rs331			2.20E-04	1600	1.04E-03	2693	4.48E-02	1539	6.45E-04	2020	5.40E-10	7852	+	23
<i>LPL</i>	rs7016529			7.56E-03	1600	1.12E-01	2693	3.13E-01	1543	2.94E-02	2020	2.27E-04	7856	+	24
<i>LPL</i>	rs2197089			8.26E-02	1592	1.96E-01	2681	1.17E-01	1534	2.62E-01	2019	5.05E-03	7826	+	9
<i>LPL</i>	rs6586891			NA	NA	5.89E-02	2064	NA	NA	NA	NA	5.89E-02	2064	+	9
<i>LRP4</i>	rs3136441	rs5896	1	7.10E-01	1600	3.41E-03	2692	9.56E-01	1541	NA	NA	3.12E-02	5833	+	24
<i>MLXIPL</i>	rs17145738			9.09E-01	1600	7.22E-02	2693	4.19E-02	1542	NA	NA	8.14E-01	5835	-	24
<i>MVK/MMAB</i>	rs7134594	rs2338104	0.935	5.02E-01	1600	4.54E-02	2693	2.74E-02	1543	8.77E-01	2019	5.42E-02	7855	-	24
<i>MVK/MMAB</i>	rs2338104			5.02E-01	1600	4.54E-02	2693	2.74E-02	1543	8.77E-01	2019	5.42E-02	7855	-	9, 22
<i>NR1H3</i>	rs7120118	rs1375688	0.913	5.21E-01	1600	3.12E-03	2692	6.25E-01	1539	6.96E-01	2020	1.08E-01	7851	+/-	37
<i>PGS1</i>	rs4129767	rs4082919	0.967	2.19E-01	1600	7.29E-01	2692	8.25E-01	1540	NA	NA	3.20E-01	5832	+	24
<i>PLTP</i>	rs7679	rs6073952	0.818	2.30E-01	1600	7.86E-01	2693	6.59E-01	1541	6.29E-02	2020	1.48E-01	7854	-	22
<i>PLTP</i>	rs6065906	rs6073952	0.877	2.30E-01	1600	7.86E-01	2693	6.59E-01	1541	6.29E-02	2020	1.48E-01	7854	-	23, 24
<i>SCARB1</i>	rs838880	rs838878	0.961	6.93E-02	1600	8.85E-02	2693	5.23E-02	1543	1.12E-01	2020	4.94E-04	7856	+	24
<i>STARD3</i>	rs881844			1.66E-01	1600	7.32E-01	2692	2.80E-02	1543	NA	NA	1.05E-01	5835	-/+	24
<i>TRIB1</i>	rs10808546	rs17321515	0.932	4.62E-01	1600	1.18E-01	2693	1.52E-02	1544	NA	NA	2.21E-02	7857	-	24
<i>ZNF664</i>	rs838880	rs838878	0.961	6.93E-02	1600	8.85E-02	2693	5.23E-02	1543	1.12E-01	2020	4.94E-04	7856	+	24
<i>ZNF664</i>	rs11057244	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24

ZNF664	rs4765127	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
ABCA8	rs4148008	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
AMPD3	rs2923084	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
ARL15	rs6450176	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
C6orf106	rs2814944	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
CITED2	rs605066	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
CMIP	rs2925979	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
COBLL1/GRB14	rs12328675	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
COBLL1/GRB14	rs10490694	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	23
EVI5	rs531514	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
IRS1	rs2972146	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
KLF14	rs4731702	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
LACTB	rs2652834	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
LOC55908	rs737337	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
LRP1	rs3741414	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
MADD-FOLH1	rs7395662	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	34
MC4R	rs12967135	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
PABPC4	rs4660293	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
PDE3A	rs7134375	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
PPP1R3B	rs9987289	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
SBNO1	rs4759375	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
SLC39A8	rs13107325	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
TRPS1	rs2293889	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
TTC39B	rs471364	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	22
TTC39B	rs643531	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
UBASH3B	rs7115089	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
UBE2L3	rs181362	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24

ZNF648	rs1689800	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	24
R ² , correlation coefficient; P, P-value; N, Sample size; D, Direction of effect															

Supplemental Figure Legends

Supplemental Figure 1. Inference of genetic race using multi-dimensional scaling approach. Analysis is conducted on 5051 samples genotyped using the IBC array.

Supplemental Figure 1.

