Supplementary Table. Univariate and Multivariate Linear regression of individual SNPs

			Univariate				Multivariate*			
SNP	Gene(s) involved	Chromosome	Coefficient	95% CI		p-value	Coefficient	95% CI		p-value
rs11206510	PCSK9/BSND	1	-0.39	-2.35,	1.58	0.7	0.17	-1.56	1.89	0.85
rs17114036	PPAP2B	1	0.8	-1.87,	3.48	0.556	0.21	-2.15	2.57	0.86
rs17465637	MIA3	1	-1.59	-3.25,	0.06	0.059	-1.24	-2.7	0.22	0.096
rs646776	CELSR2/PSRC1-SORT1	1	-1.06	-2.90,	0.79	0.26	-0.4	-2.03	1.23	0.629
rs6725887	WDR12	2	0.78	-1.52,	3.07	0.505	0.58	-1.45	2.6	0.576
rs9818870	MRAS	3	-1.45	-3.51,	0.61	0.166	-1.89	-3.7	-0.07	0.041
rs12190287	TCF21	6	-0.22	-1.86,	1.42	0.791	-0.31	-1.75	1.13	0.67
rs12526453	PHACTR1	6	0.58	-0.99,	2.14	0.469	0.15	-1.24	1.53	0.835
rs17609940	ANKS1A	6	1.02	-0.95,	3	0.309	-0.02	-1.78	1.74	0.983
rs3798220	LPA	6	0.32	-3.93,	4.57	0.882	-0.86	-4.63	2.9	0.653
rs10953541	7q22/BCAP29	7	0.43	-1.32,	2.18	0.627	-0.17	-1.73	1.38	0.826
rs11556924	ZC3HC1	7	-0.08	-1.24,	1.09	0.896	0.11	-0.92	1.15	0.829
rs4977574	9p21	9	-1.62	-3.11,	-0.13	0.034	-1.37	-2.7	-0.05	0.042
rs579459	ABO	9	-0.34	-2.06,	1.38	0.696	0.17	-1.36	1.69	0.832
rs12413409	CYP17A1/CNNM2/NT5C2	10	-0.71	-3.88,	2.47	0.661	-1	-3.81	1.8	0.482
rs1412444	LIPA	10	-0.23	-1.82,	1.35	0.773	-0.42	-1.81	0.97	0.554
rs1746048	CXCL12/HNRNPA3P1	10	1.04	-1.44,	3.52	0.411	0.67	-1.52	2.87	0.546
rs2505083	KIAA1462	10	0.82	-0.71,	2.35	0.296	1.18	-0.16	2.53	0.085
rs964184	APOA5/APOC3/ZNF259	11	-1.83	-3.96,	0.31	0.093	-1.4	-3.3	0.5	0.148
rs974819	PDGFD	11	0.15	-1.41,	1.7	0.854	0.16	-1.22	1.54	0.823
rs2259816	HNF1A	12	0.46	-1.10,	2.02	0.565	-0.77	-2.16	0.62	0.276
rs3184504	SH2B3	12	-1.03	-2.51,	0.45	0.173	-1.29	-2.59	0.01	0.052
rs4773144	COL4A1-A2	13	-1.44	-2.99,	0.12	0.07	-1.26	-2.64	0.11	0.072
rs2895811	HHIPL1	14	-1.19	-2.74,	0.36	0.133	-0.95	-2.31	0.42	0.173
rs3825807	ADAMTS7	15	0.94	-0.56,	2.45	0.217	1.19	-0.15	2.52	0.081
rs12936587	PEMT	17	-0.82	-2.36,	0.71	0.294	-0.37	-1.74	1	0.592
rs216172	SMG6-SRR	17	-0.29	-1.80,	1.22	0.705	0.01	-1.31	1.33	0.986
rs46522	UBE2Z/GIP	17	-0.48	-2.02,	1.06	0.54	0.33	-1.03	1.7	0.631
rs1122608	LDLR/SMARCA4	19	-1.03	-2.80,	0.75	0.258	-0.52	-2.08	1.05	0.516
rs9982601	SLC5A3/MRPS6/KCNE2/C21orf82	21	-0.16	-2.26,	1.94	0.881	0.39	-1.48	2.27	0.68

SNP – single nucleotide polymorphism

*Adjusted for age, sex, hypertension, diabetes, hypercholesterolemia, current smoking, body mass index, ASA use, and HRT use in women.