

**Supplemental Table 1.** Minor allele frequencies (MAF) of the OSBPL2, -9, and -10 SNPs studied

Gene	SNP	MAF (low HDL)	MAF (FCHL)
<i>OSBPL2</i>	rs6061461	0.458	-
	rs3787432	0.213	-
<i>OSBPL9</i>	rs6695853	0.148	-
	rs12130751	0.211	-
	rs11810827	0.138	-
	rs768529	0.28	-
	rs856614	0.388	-
<i>OSBPL10</i>	rs9878129	0.283	0.334
	rs9847800	0.487	0.423
	rs9853939	0.418	0.473
	rs7644177	0.432	0.455
	rs6807471	0.49	0.435
	rs9880436	0.457	0.47
	rs11709187	0.343	0.382
	rs2219250	0.245	0.292
	rs2045298	0.321	0.358
	rs2290531	0.464	0.46
	rs6803685	0.295	0.247
	rs1869849	0.253	0.184
	rs2013777	0.417	0.389
	rs3749405	0.42	0.387
	rs11058	0.254	0.213

**Supplemental Table 2.** Oligonucleotide primers for mRNA quantification by real-time RT-PCR

<b>mRNA</b>	<b>Forward primer 5'-3'</b>	<b>Reverse primer 5'-3'</b>
ABCA1 <sup>a</sup>	GCACTGAGGAAGATGCTGAAA	AGTTCCTGGAAGGTCTTGTTAC
ABCG1	CAGGAAGATTAGACACTGTGG	GAAAGGGGAATGGAGAGAAGA
ABCG5	TCTCTGGCCCCCACTTA	CTATATTTGGATTTTGGACGATACCA
SREBP-1a	TGCTGACCGACATCGAAGAC	CCAGCATAGGGTGGGTCAA
SREBP-1c	TCAGCGAGGCGGCTTTGGAGCAG	CATGTCTTCGATGTCGGTCAG
SREBP-2	CCGCTGTTCCGATGTACAC	TGCACATTCAGCCAGGTTCA
LXR $\alpha$	CTTGCTCATTGCTATCAGCATCTT	ACATATGTGTGCTGCAGCCTCT
LXR $\beta$	GGCGAGGGTGTCCAGCTAA	CGGAGAAGGAGCGTTTGTG
FAS	AACTCCAAGGACACAGTCACCAT	CAGCTGCTCCACGAACTCAA
SCD-1	TTGGAGAAGCGGTGGATAAC	AAAAATCCCACCCAATCACA
HMG-CoAR	ACAATAAGATCTGTGGTTGGAATTATGA	GCTATGCATCGTGTTATTGTCAGAA
LDLr	CCCTGCTTGTTTTCTCTGG	TGCAGTTTCCATCAGAGCAC
Insig-1	CCCAGATTCCTCTATATTCGTTCTT	CACCCATAGCTAACTGTCGTCCTA
Insig-2	TGTCTCTCACACTGGCTGACTA	CTCCAAGGCCAAAACCACTTC
$\beta$ -actin	GACAGGATGCAGAAGGAGATT	TGATCCACATCTGCTGGAAGG

<sup>a</sup>Abbreviations: ABC, ATP-binding cassette transporter; SREBP, sterol regulatory element binding protein; LXR, liver X receptor; FAS, fatty acyl synthetase; SCD-1, stearoyl coenzyme A desaturase-1; HMG-CoAR, 3-hydroxy-3-methylglutaryl coenzyme A reductase; LDLr, low-density-lipoprotein receptor; Insig, insulin-induced gene