

SUPPLEMENTARY TABLES

Supplementary Table 1. Selected genes important in regulating lipid homeostasis.

Gene name	Gene Symbol
ATP-binding cassette, sub-family A, member 1	ABCA1
ATP-binding cassette, sub-family G, member 1	ABCG1
ATP-binding cassette, sub-family G, member 8	ABCG8
Acetyl-CoA carboxylase alpha	ACACA
Acetyl-CoA carboxylase beta	ACACB
Acyl-CoA Oxidase 1	ACOX1
Acyl-CoA Oxidase 2	ACOX2
Acyl-CoA Oxidase 3	ACOX3
Apolipoprotein A1	APOA1
Apolipoprotein C-III	APOC3
Apolipoprotein E	APOE
Apolipoprotein L1	APOL1
Apolipoprotein M	APOM
CD36 Antigen	CD36
Cholesteryl ester transfer protein	CETP
Carnitine palmitoyltransferase 1A (liver)	CPT1A
Carnitine palmitoyltransferase 1B	CPT1B
Cytochrome P450, family 1, subfamily B, polypeptide 1	CYP1B1
Fatty acid synthase	FASN
G protein-coupled bile acid receptor 1	GPBAR1
3-Hydroxy-3-Methylglutaryl-CoA Reductase	HMGCR
Insulin induced gene 1	INSIG1
Lecithin-Cholesterol Acyltransferase	LCAT
Low density lipoprotein receptor	LDLR
Oxidized Low Density Lipoprotein Receptor 1	LOX1
Macrophage Scavenger Receptor 1	MSR1
Neutral Cholesterol Ester Hydrolase 1	NCEH1
Niemann-Pick disease, type C1	NPC1
Niemann-Pick disease, type C2	NPC2
Nuclear Receptor Subfamily 1 Group H Member 2	NR1H2
Nuclear Receptor Subfamily 1 Group H Member 3	NR1H3
Nuclear Receptor Subfamily 1 Group H Member 3	NR1H4 (FXR)
Proprotein Convertase Subtilisin/Kexin Type 9	PCSK9
Perilipin 1	PLIN1
Perilipin 2	PLIN2
Perilipin 3	PLIN3
Perilipin 4	PLIN4
Perilipin 5	PLIN5
Peroxisome Proliferator Activated Receptor Alpha	PPARA
Peroxisome Proliferator Activated Receptor Gamma	PPARG
SREBF chaperone	SCAP
SREBF Chaperone	SCARB1

Stearoyl-CoA desaturase	SCD
Sterol O-acyltransferase 1	SOAT1
Sterol Regulatory Element Binding Transcription Factor 1	SREBF1
Sterol Regulatory Element Binding Transcription Factor 2	SREBF2

Supplementary Table 2. Primers used in quantitative real-time PCR.

Gene	Sense	Antisense
<i>Abca1</i>	CGTTTCCGGGAAGTGTCCCTA	GCTAGAGATGACAAGGAGGATGGA
<i>Abcg1</i>	AGGTCTCAGCCTTCTAAAGTTCCTC	TCTCTCGAAGTGAATGAAATTTATCG
<i>Apoc3</i>	GCATCTGCCCGAGCTGAAGAG	CTGAAGTGATTGTCCATCCAGC
<i>Apoe</i>	CTGACAGGATGCCTAGCCG	CGCAGGTAATCCCAGAAGC
<i>Apom</i>	CCTGGGCCTGTG G TACTTTA	CCATGTTTCCTTTCCCTTCA
<i>Gapdh</i>	CCTGGAGAAACCTGCCAAGTATG	GGTCCTCAGTGTAGCCCAAGATG
<i>Hmgcr</i>	AGCCGAAGCAGCACATGAT	CTTGTGGAATGCCTTGTGATTG
<i>Ldlr</i>	GAAGTCGACACTGTACTGACCACC	CTCCTCATTCCCTCTGAAAGCCAT
<i>Nceh1</i>	AGCCTGCAGTTTGAGCTTA	AGAGTCGGTATTTCTGGAGACG
<i>Npc1</i>	AACCGTGACACTGCAGGACAT	CTCATAATGGTGCAGTTCTTGTGT
<i>Scarb1</i>	TTTGGAGTGGTAGTAAAAAGGGC	TGACATCAGGGACTCAGAGTAG
<i>Soat1</i>	ATGCGGACTTTTCAATGAGG	AGCAAGATGAAGCCCAGAAA
<i>Srebf2</i>	GTGGAGCAGTCTCAACGTCA	TGGTAGGTCTCACCCAGGAG