

Supporting information

Table S1. Sequences of primers for real-time PCR.

Gene	5'-Sense primer-3'	5'-Antisense primer-3'	Gene Bank Accession.Version
FABP4/ap2	<i>TCACCATCCGGTCAGAGAGT</i>	<i>TTCATCGAATTCCACGCCCA</i>	NM_024406.2
LPL	<i>CGTAGTTCAGCAGCAAAGC</i>	<i>GAAGGCGGTCAAACCTGGA</i>	NM_008509.2
FAT/CD36	<i>CTCCTAGTAGGCGTGGGTCT</i>	<i>CACGGGGTCTCAACCATTCA</i>	NM_001159558.1
FSP27	<i>ATGGTGCCAGAGTGGTTAGC</i>	<i>AGAGTCCCAGGTGAGAGACC</i>	NM_178373.3
AdipoQ	<i>CCCAGTCATGCCGAAGATGA</i>	<i>CACAAGTTCCCTTGGGTGGA</i>	NM_009605.4
ACC	<i>GCTAAACCAGCACTCCCGAT</i>	<i>GTATCTGAGCTGACGGAGGC</i>	NM_133360.2
FASN	<i>CTTCTGGTGTGCAACTGTGC</i>	<i>AGGGCAGCTACCATGTTGTC</i>	NM_007988.3
SCD1	<i>GCGCTCTTTACCCCTTGCTG</i>	<i>GACTCTCGGGATGGGTGTTT</i>	NM_009127.4
DGAT-2	<i>ACTGGAACACGCCCAAGAAA</i>	<i>GTAGTCTCGGAAGTAGCGCC</i>	NM_026384.3
FATP-1	<i>CGCCGATGTGCTCTATGACT</i>	<i>ACACAGTCATCCCAGAAGCG</i>	NM_011977.3
CPT-1a	<i>GACCGCGCTCTTAGGACTAC</i>	<i>GAGCAGCAAGGAAGGACACT</i>	NM_013495.2
ACOX-1	<i>GGAGACAGGTTGTCATCGCT</i>	<i>TTCATGACGGAGACCAGTGC</i>	NM_015729.3
mCAD	<i>TCAAGATCGCAATGGGTGCT</i>	<i>GCTCCACTAGCAGCTTTCCA</i>	NM_007382.4
ApoB	<i>GTCCAGGTTGAATCACGGGT</i>	<i>AGGATCCTGCAAGGTCAAGC</i>	NM_009693.2
ApoC2	<i>GTCTCGGTTCTTCTGGCTC</i>	<i>TCCTTGGCAGAGGTCCAGTA</i>	NM_009695.3
ApoC3	<i>GCTAAGTAGCGTGCAAGAGT</i>	<i>GCTCCAGTAGCCTTTCAGGG</i>	NM_023114.3
MTTP	<i>GTTTTTCCCGGTCAAGCGTT</i>	<i>TCTTTCAGTGGGGCGATCTT</i>	NM_001163457.1
HL	<i>GTCGCTGCTGGGAACAAAAG</i>	<i>GGATCAACTCGCCGATGTCT</i>	NM_008280.2
ATGL	<i>TGTGCAAACAGGGCTACAGAG</i>	<i>AAAGGGTTGGGTGGTTCAG</i>	NM_001163689.1
HSL	<i>GTGAATGAGATGGCGAGGGT</i>	<i>GGAGTCGCGTTAGAGTCACC</i>	NM_010719.5
SREBP-1	<i>ACTTTTCCTTAACGTGGGCCT</i>	<i>CATCTCGGCCAGTGTCTGTT</i>	NM_011480.3
SREBP-2	<i>CATAGCACTGTCCCCGACTC</i>	<i>CTCCTTGGCTGCTGACTTGA</i>	NM_033218.1
PPAR γ	<i>GTCACACTCTGACAGGAGCC</i>	<i>AGAACGTGACTTCTCAGCCC</i>	NM_001127330.1
PPAR α	<i>CCGAACATTGGTGTTCGCAG</i>	<i>GATACGCCCAAATGCACCAC</i>	NM_011144.6
PPAR β	<i>ATGGGACTCACTCAGAGGCT</i>	<i>TGGCTGTTCCATGACTGACC</i>	NM_011145.3
LXR α	<i>AGAGTCTTGGGTCGCCAGTA</i>	<i>CTGGAGCCCTGGACATTACC</i>	NM_013839.4
LXR β	<i>GCTAGCCATCATCTCGGTCC</i>	<i>TCTCAATGGTGGACGCCTTC</i>	NM_009473.2
FXR	<i>GGCTGCAAAGGTTTCTTCCG</i>	<i>ACATTAGCCAACATCCCCA</i>	NM_001163700.1
HMGR	<i>TGCCTGGATGGGAAGGAGTA</i>	<i>GCCTCGAGTCATCCCATCTG</i>	NM_008255.2
ApoA1	<i>GAACGAGTACCACACCAGGG</i>	<i>ATGGGCATCAGACTATGGCG</i>	NM_009692.3
ApoE	<i>CCTGAACCGCTTCTGGGATT</i>	<i>CCATCAGTGCCGTCAGTTCT</i>	NM_009696.3
SR-BI	<i>GTGCCCATCATCTGCCAACT</i>	<i>TAGGCCTGAATGGCCTCCTT</i>	NM_016741.2
LDLR	<i>GGGAACATTTCGGGGTCTGT</i>	<i>AGTCTTCTGCTGCAACTCCG</i>	NM_010700.3

ABCA1	<i>GCCTGGATCTACTCTGTGCGC</i>	<i>GCCATTGTCCAGACCCATGA</i>	NM_013454.3
ABCG5	<i>CTATCAGCTTGTGGGTGCCA</i>	<i>GAGGACGTGTAGCACGTAGG</i>	NM_031884.1
ABCG8	<i>AAGACCCTTGGGCGTTACAG</i>	<i>CCACTGTGAAAGCCGATCCT</i>	NM_026180.2
ABCB11	<i>TCATCGCCGTCATGTCACAA</i>	<i>TAGTAGGCCCCCTTCTGGTC</i>	NM_021022.3
ABCB4	<i>GAGCAAAGTCCAGGTCTGCG</i>	<i>TTGGTTGCTGATGCTGCCTA</i>	NM_008830.2
Cyp7a1	<i>GGGCAGGCTTGGGAATTTTG</i>	<i>AACGCTCAGCAGTCGTTACA</i>	NM_007824.2
Cyp27a1	<i>CGGGCAGAGAGTGAATCAGG</i>	<i>AGATCTGATGAAGGCGGCAG</i>	NM_024264.4
NPC1-L1	<i>GTGGAGTTCGTGTCCCACAT</i>	<i>TGAGCAAAGCCCAGGATGAG</i>	NM_207242.2
ACAT-2	<i>TTACCTCAGTCGCAGACAGG</i>	<i>TGAGCCCGCATTCATCTTGT</i>	NM_009338.3
β-ACTIN	<i>ACTCTTCCAGCCTTCCTTC</i>	<i>ATCTCCTTCTGCATCCTGTC</i>	

Table S1. Sequences of primers for real-time PCR. FABP4/ap2, adipocyte fatty acid binding protein 4; LPL, lipoprotein lipase; FAT/CD36, fatty acid translocase/ CD36 antigen; FSP27, fat specific protein 27; AdipoQ, adiponectin; ACC, acetyl-coenzyme A carboxylase; FASN, fatty acid synthase; SCD1, steroyl-coenzyme A desatures 1; DGAT-2, diacylglycerol O-acyltransferase 2; FATP-1, long-chain fatty acid transport protein 1; CPT-1a, carnitine-palmitoyl transferase1a; ACOX-1, acyl-Coenzyme A oxidase 1; mCAD, middle-chain acyl-CoA dehydrogenase; ApoB, apolipoprotein B; ApoC2, apolipoprotein C-II; ApoC3, apolipoprotein C-III; MTTP, microsomal triglyceride transfer protein; HL, hepatic lipase; ATGL, adipose triglyceride lipase; HSL, hormone sensitive lipase; SREBP-1, sterol regulatory element binding transcription factor 1; SREBP-2, sterol regulatory element binding transcription factor 1; PPAR γ , peroxisome proliferator activated receptor gamma; PPAR α , peroxisome proliferator activated receptor alpha; PPAR β/δ , peroxisome proliferator activated receptor delta; LXR α , liver X receptor alpha; LXR β , liver X receptor beta; FXR, farnesoid X receptor; HMGCR, 3-hydroxy-3-methylglutaryl-Coenzyme A reductase; ApoA1, apolipoprotein A-I; ApoE, apolipoprotein E; SR-BI, scavenger receptor class B, member 1; LDLR, low density lipoprotein receptor; ABCA1, ATP-binding cassette, sub-family A , member 1; ABCG5, ATP-binding cassette, sub-family G, member 5; ABCG8, ATP-binding cassette, sub-family G , member 8; ABCB11, ATP-binding cassette, sub-family B (MDR/TAP), member 11; ABCB4, ATP-binding cassette, sub-family B (MDR/TAP), member 4; Cyp7a1, cytochrome P450, family 7, subfamily a, polypeptide 1; Cyp27a1, cytochrome P450, family 27, subfamily a, polypeptide 1; NPC1-L1, Niemann–Pick C1 Like 1; ACAT-2, acetyl-Coenzyme A acetyltransferase 2.

