Table S1. Gene name, symbols, and primer sequences.

Gene Name	Gene Symbol	Forward Primer	Reverse Primer
18s ribosomal RNA	18S	TTCTGGCCAACGGTCTAGACAAC	CCAGTGGTCTTGGTGTGCTGA
Acetyl-Coenzyme A carboxylase alpha	Acaca	TGGCAGACCACTATGTTCCA	GTTCTGGGAGTTTCGGGTTC
Acyl-CoA oxidase 1	Acox1	TTGGAAACCACTGCCACATA	GCCAGGACTATCGCATGATT
Apolipoprotein B	Apob	TTGGCAAACTGCATAGCATCC	TCAAATTGGGACTCTCCTTTAGC
Adipose triglyceride lipase	Atgl	ACACCAGCATCCAGTTCAA	GGTTCAGTAGGCCATTCCTC
Chemokine ligand 2	Ccl2	TTAAAAACCTGGATCGGAACCAA	GCATTAGCTTCAGATTTACGGGT
CD36 molecule	Cd36	TCCTCTGACATTTGCAGGTCTATC	AAAGGCATTGGCTGGAAGAA
CD68 antigen	Cd68	GCCCGAGTACAGTCTACCTGG	AGAGATGAATTCTGCGCCAT
Carbohydrate responsive element binding protein alpha	ChREBP-α	CGACACTCACCCACCTCTTC	TGTTCAGCCGGATCTTGTC
Cell death-inducing DFFA-like factor alpha	Cidea	ACAGAAATGGACACCGGGTAGT	CGAAGGTGACTCTGGCTATTCC
Cytochrome C oxidase subunit 7a polypeptide 1	Cox7a1	CAGCGTCATGGTCAGTCTGT	AGAAAACCGTGTGGCAGAGA
Cytochrome C oxidase subunit 8b polypeptide	Cox8b	GCGAAGTTCACAGTGGTTCC	GAACCATGAAGCCAACGACT
Carnitine palmitoyltransferase 1a	Cpt1a	GTCAAGCCAGACGAAGAACA	CGAGAAGACCTTGACCAATAG
Carnitine palmitoyltransferase 2	Cpt2	CAGTTCAGGAAGACAGAAGTG	CGAAGTGTCTTCAGAAACCG
Cytochrome P450, family 4, subfamily a, polypeptide 14	Cyp4a14	TTCTTTCGCCTGCGGAATGC	CACTCCATCTGTGTGCTCGTGA
Diacylglycerol O-acyltransferase 2	Dgat2	CCAGCACTACTTTGGCATAATGC	CCTCTAGGTATGTCTGATGCAGC
Fatty acid synthase	Fasn	AAGGCTGGGCTCTATGGATT	GGAGTGAGGCTGGGTTGATA
Fatty acid transporter protein 2	Fatp2	GATGCCGTGTCCGTCTTTTAC	GACTTCAGACCTCCACGACTC
Fatty acid transporter protein 5	Fatp5	CCAGTGTGCTGATTGTGGAT	GGCCAAGGTAGAAGCAGTGA
glyceraldehyde-3-phosphate dehydrogenase	Gapdh	ACTTTGTCAAGCTCATTTCC	TGCAGCGAACTTTATTGATG
Interleukin 6	Il6	TAGTCCTTCCTACCCCAATTTCC	TTGGTCCTTAGCCACTCCTTC
Lipase, hormone sensitive	Lipe	TCCTGGAACTAAGTGGACGCAAG	CAGACACACTCCTGCGCATAGAC
Lipoprotein lipase	Lpl	CTGCTGGCGTAGCAGGAAGT	GCTGGAAAGTGCCTCCATTG
Monoglyceride lipase	Magl	TTTCTGGCATGGTCCTGATT	ATTGAGCAGTTTGGCAGCA

Neuropeptide Y	Npy	TATCTCTGCTCGTGTGTTTG	GTTCTGGGGGCATTTTCTG
Neurpeptide Y receptor Y1	Npy1r	GTCCTTGCAGTGGCTTCTTC	TGATTCGCTTGGTCTCACTG
Peroxisome proliferator-activated receptor gamma coactivator 1 alpha	Pgc1α	ATGTGTCGCCTTCTTGCTCT	CGGTGTCTGTAGTGGCTTGA
Perilipin 1	Plin1	AGATCCCGGCTCTTCAATACC	AGAACCTTGTCAGAGGTGCTT
Peroxisome proliferator-activated receptor gamma 2	Pparγ2	TGGGTGAAACTCTGGGAGAT	GCTGGAGAAATCAACTGTGG
PR domain containing 16	Prdm16	TCTTACTTCTCCGAGATCCGAAA	GATCTCAGGCCGTTTGTCCAT
Tumor necrosis factor alpha	Tnf-α	CCCTCACACTCAGATCATCTTCT	GCTACGACGTGGGCTACAG
Uncoupling protein 1	Ucp1	CACTCAGGATTGGCCTCTACGAC	GCTCTGGGCTTGCATTCTGAC