

Table S1. Genes, GenBank Number, SYBR Green primer sequences and PCR products.

Gene	GenBank TM	Primer Sequences	PCR Product
<i>Acly</i>	NM_016987.2	F: 5'-CCCTTCGTCCCCACAGT-3' R: 5'-TCTCCTTCCCGGTAGCAT-3'	65 bp
<i>Acaa2</i>	NM_130433.1	F: 5'-CCCTGCTATCATGGGGATCG-3' R: 5'-GAGCAAATGCTTCATTCACGTCT-3'	110 bp
<i>Acadl</i>	NM_012819.2	F: 5'-CCCGATTGCAAAAGCCTACG-3' R: 5'-ACTGACGATCTGTCTTGCGA-3'	97 bp
<i>Acox</i>	NM_017340.2	F: 5'-GTGAGGCGCCAGTCTGAAA-3' R: 5'-ACTGCTGGGTTTGAATAATCCA-3'	70 bp
<i>Acsl1</i>	NM_012820.2	F: 5'-TGTGGGGTGGAAATCATCGG-3' R: 5'-TTGGGGTTGCCTGTAGTTCC-3'	131 bp
<i>Acsvl1</i>	NM_031736.2	F: 5'-ATGGCGTGCCTCAACTACAA-3' R: 5'-GGGTTGGAAGAACCTCCTCG-3'	124 bp
<i>Chrebpα</i>	NM_001393706.1	F: 5'-AGCATCGATCCGACACTCAC-3' R: 5'-TGTTCAAGCCGAATCTTGTC-3'	130 bp
<i>Chrebpβ</i>	NM_133552.2	F: 5'-TGTTCAAGCCGAATCTTGTC-3' R: 5'-TGTTCAAGCCGAATCTTGTC-3'	125 bp
<i>Cpt1b</i>	NM_013200.2	F: 5'-CAGTGTGCCAGCCACAATTC-3' R: 5'-TAGGCTTCGTCATCCAGCAA-3'	66 bp
<i>FadS2</i>	NM_031344.2	F: 5'-TCATCGACCGCAGGTCTAC-3' R: 5'-CGGAAGGCATCCGTAGCAT-3'	105 bp
<i>Gck</i>	NM_001270849.1	F: 5'-ACTGCCGAGATGATGAAGCA-3' R: 5'-GCCCTTGGTCCAATTGAGGA-3'	70 bp
<i>Ldlr</i>	NM_175762.3	F: 5'-AGACCCAGAGCCATCGTAGT-3' R: 5'-TTGATCTTGGCAGGTGTCCC-3'	77 bp
<i>L-pk</i>	NM_012624.3	F: 5'-GAACATTGCACGACTCAACTTCT-3' R: 5'-CGGATGTTGGCGATGGAT-3'	69 bp
<i>Mttp</i>	NM_001107727.1	F: 5'-TCTCTGCTGACCCGCATTTT-3' R: 5'-GCTACCGGATCTCATCGGAC-3'	122 bp
<i>Pcsk9</i>	NM_199253.2	F: 5'-ACATGTCACAGAGTGGGACG-3' R: 5'-TCCCGGTTACAGCATCATAGC-3'	73 bp
<i>Pnpla3</i>	NM_001282324.1	F: 5'-AGTCTCCCTCTCGATCACATCA-3' R: 5'-TGTTGAAGAACGGGTGGAGG-3'	94 bp
<i>Tbp</i>	NM_001004198.1	F: 5'-TGGGATTGTACCACAGCTCCA-3' R: 5'-CTCATGATGACTGCAGCAAACC-3'	132 bp
<i>Vldlr</i>	NM_013155.2	F: 5'-CCAGGAACAGGACTGCAGAG-3' R: 5'-GCCACCGTTATTGACCAAGC-3'	82 bp

Table S2. Antibodies used in western blot analysis.

Antibody	Reference Number
ACLY	Cell Signaling (#4332)
AMPK	Cell Signaling (#2532)
p-AMPK (Thr ¹⁷²)	Cell Signaling (#2535)
ACC	Cell Signaling (#3662)
p-ACC (Ser ⁷⁹)	Cell Signaling (#3661)
β3-AR	Santa Cruz (sc-515763)
β-ACTIN	Sigma Aldrich (A5441)
β-TUBULIN	Sigma-Aldrich (T4026)
ChREBP (P-13)	Santa Cruz (sc-21189)
KHK	Santa Cruz (sc-50029)

PGC-1 α	Cayman (101707)
PNPLA3	Invitrogen (PA5-117066)
SREBP1c	Santa Cruz (sc-366)
UCP1 (A-6)	Santa Cruz (sc-518024)
VINCULIN	Santa Cruz (sc-73614)
