

Supplementary Table 1. Antibodies used for western blotting.

Antibody	Company	Catalogue number
SREBP-1c	Santa Cruz Biotechnology	sc-366
FAS	Santa Cruz Biotechnology	sc-715
SCD1	Santa Cruz Biotechnology	sc-14719
PPAR α	Santa Cruz Biotechnology	sc-9000
PGC-1 α	Santa Cruz Biotechnology	sc-13067
SOD1	Santa Cruz Biotechnology	sc-11407
HO-1	Santa Cruz Biotechnology	sc-1796
GAPDH	Santa Cruz Biotechnology	sc-32233
CPT-1L	Abcam	ab128568
Nrf2	Abcam	ab31163
p-AMPK α (Thr172)	Cell signaling	#2531
AMPK α	Cell signaling	#2532
p-ACC (Ser79)	Cell signaling	#3661
ACC	Cell signaling	#3662
p-LKB1 (Ser428)	Cell signaling	#3482
LKB1	Cell signaling	#3047
p-CaMK2 (Thr286)	Cell signaling	#12716
CaMK2	Cell signaling	#3362

Supplementary Table 2. Primers used for real-time qRT-PCR

Gene	Primer	Sequence
Human Nrf2	Forward	5'-CAG CGA CCT TCG CAA ACA AC-3'
	Reverse	5'-CAT GAT GAG CTG TGG ACC GT-3'
Human SOD1	Forward	5'-ATG GCG ACG AAG GCC GTG TG-3'
	Reverse	5'-GAC CAC CAG TGT GCG GCC AA-3'
Human catalase	Forward	5'-AGC TTA GCG TTC ATC CGT GT-3'
	Reverse	5'-TCC AAT CAT CCG TCA AAA CA-3'
Human SREBP-1c	Forward	5'-ACA TCG AAG GTG AAG TCG GC-3'
	Reverse	5'-GGG AGG GCT TCC TGT AGA GA-3'
Human FAS	Forward	5'-CTC TTG GCC TTT TCC CGG TC-3'
	Reverse	5'-CTC TGA AGC CCA AAG AGG GG-3'
Human SCD-1	Forward	5'-CCC TGC TTA CTT GGT GAG GG-3'
	Reverse	5'-TGC CCT AGG CTG TAG GGA AT-3'
Human PPAR α	Forward	5'-AGA AGC TGT CAC CAC AGT AGC-3'
	Reverse	5'-TGA AAG CGT GTC CGT GAT GA-3'
Human PGC-1 α	Forward	5'-CTC AGT AAG GGG CTG GTT GC-3'
	Reverse	5'-TCA CTG CAC CAC TTG AGT CC-3'
Human CPT-1L	Forward	5'-CAT ACG AGG CCT CCA TGA CC-3'
	Reverse	5'-CCG TCT CAG GGC AAG AGA AC-3'
Human β -actin	Forward	5'-AGC CAT GTA CGT AGC CAT CC-3'
	Reverse	5'-TCT CAG CTG TGG TGG TGA AG-3'
Mouse SOD1	Forward	5'-TGT GAC TGC TGG AAA GGA CG-3'
	Reverse	5'-ACT GCG CAA TCC CAA TCA CT-3'
Mouse Nrf2	Forward	5'-AAG AAT AAA GTC GCC GCC CA-3'
	Reverse	5'-AGA TAC AAG GTG CTG AGC CG-3'
Mouse PPAR α	Forward	5'-CCG AAC ATT GGT GTT CGC AG-3'
	Reverse	5'-AGA TAC GCC CAA ATG CAC CA-3'
Mouse CPT-1L	Forward	5'-GAC TCC GCT CGC TCA TTC C-3'
	Reverse	5'-ACG CCA CTC ACG ATG TTC TT-3'
Mouse SREBP1	Forward	5'-CAG ACT CAC TGC TGC TGA CA-3'
	Reverse	5'-CCT CCA CTC ACC AGG GTC T-3'
Mouse FAS	Forward	5'-CAA GTG TCC ACC AAC AAG CG-3'
	Reverse	5'-GGA GCG CAG GAT AGA CTC AC-3'
Mouse α -SMA	Forward	5'-GTA CCC AGG CAT TGC TGA CA-3'
	Reverse	5'-GAG GCG CTG ATC CAC AAA AC-3'
Mouse COL1A1	Forward	5'-CAC CCC AAT CTG GTT CCC TC-3'
	Reverse	5'-CAT AAG CCA AGT GGG CAG GA-3'
Mouse COL3A1	Forward	5'-GAG GAA TGG GTG GCT ATC CG-3'

Mouse TIMP-1	Reverse	5'-TTG CGT CCA TCA AAG CCT CT-3'
	Forward	5'-CAG ATA CCA TGA TGG CCC CC-3'
	Reverse	5'-CGC TGG TAT AAG GTG GTC TCG-3'
Mouse TGFβ1	Forward	5'-ACT GGA GTT GTA CGG CAG TG-3'
	Reverse	5'-GGA TCC ACT TCC AAC CCA GG-3'
Mouse β-actin	Forward	5'-TAA CCA ACT GGG ACG ATA TG-3'
	Reverse	5'-ATA CAG GGA CAG CAC AGC CT-3'
