

**Supplementary Table S1.** List of antibodies used for Western blot analysis.

Antibodies	Dilution Used	Source	Catalog No.
<i>Primary Antibodies</i>			
C/EBP- $\alpha$	1:2,000	Santa Cruz Biotechnology	sc-61
PPAR- $\gamma$	1:2,000	Santa Cruz Biotechnology	sc-7272
p-STAT-3 (Y705)	1:2,000	Santa Cruz Biotechnology	sc-8059
STAT-3	1:2,000	Santa Cruz Biotechnology	sc-8019
Perilipin A	1:2,000	BioVision	#3948-200
FAS	1:2,000	BD Bioscience	#9452
p-AMPK (T172)	1:2,000	Cell signalling	#2535
AMPK	1:2,000	Cell signalling	#2793
p-ACC (S79)	1:2,000	Cell signalling	#3661
ACC	1:2,000	Cell signalling	#3662
p-HSL (S563)	1:2,000	Cell signalling	#4139
p-HSL (S660)	1:2,000	Cell signalling	#4126
HSL	1:2,000	Cayman chemical	#10006371
COX-2	1:2,000	Cayman chemical	#160106
$\beta$ -Actin	1:10,000	Sigma	A5441
<i>Secondary Antibodies</i>			
Goat anti-rabbit IgG-HRP	1:5,000	Jackson ImmunoResearch Laboratories	111-035-045
Goat anti-mouse-IgG-HRP	1:5,000	Jackson ImmunoResearch Laboratories	115-035-062

**Supplementary Table S2.** Sequences of primers used for quantitative real-time PCR.

Gene	Forward	Reverse
C/EBP- $\alpha$	TTACAACAGGCCAGGTTTCC	CTCTGGGATGGATCGATTGT
PPAR- $\gamma$	GGTGAAACTCTGGGAGATTC	CAACCATTGGGTCAGCTCTC
FAS	TTGCTGGCACTACAGAATGC	AACAGCCTCAGAGCGACAAT
Perilipin A	CTTTCTCGACACACCATGGAAAC	CCACGTTATCCGTAACACCCTTCA
Leptin	CCAAAACCCTCATCAAGACC	CTCAAAGCCACCACCTCTGT
Resistin	CCGATGAGCAGTCA CCTCCA	CAGCTGCTTCGCCTCGTCCTCCT
18S rRNA	GGTGAAGGTCGGTGTGAACG	GGTAGGAACACGGAAGGCCA

**Supplementary Table S3.** Sequences of primers used for reverse-transcription polymerase chain reaction (RT-PCR).

Gene	Forward	Reverse
COX-2	TTGAAGACCAGGAGTACAGC	GGTACAGTTCATGACATCG
Actin	TCATGAAGTGTGACGTT-GACATCCGT	CCTAGAAGCATTTGCGGTGCAC-GATG