

Supplementary information

Table S1. Primers used for real-time PCR

Genes	Primer sequences (5'-3')	Annealing Temp. (°C)
GAPDH	F: AGGTCGGTGTGAACGGATTTG	58
	R: TGTAGACCATGTAGTTGAGGTCA	
MCAD	F: TGATAGAACCAGACCTACAGT	57
	R: TTCAACCTTCATCGCCATT	
PGC-1 α	F: TCTGACCACAAACGATGACCCTC	57
	R: GCGACTGCGGTTGTGTATGG	
C/EBP α	F: GGCTCCTAATCCCTTGCT	60
	R: TACCACATGGCTAACTCACAA	
ACC1 α	F: GATGAACCATCTCCGTTGGC	59
	R: GACCCAATTATGAATCGGGAGTG	
ATGL	F: CTTGCCACTTTATGAGCTGAAGAAT	58
	R: CGGTAGAGATTGCGAAGGTTG	
HSL	F: AGTGCTGAGGGAATGTGACAA	60
	R: TCATCTTGATAATCGTCGCAGG	
FAS	F: GCTGCGGAAACTTCAGGAAAT	60
	R: AGAGACGTGTCACTCCTGGACTT	
PPAR α	F: CCCAAGGGAGGAATAGCTTCT	55
	R: CTCTGCGATGCGGTTCCAA	
PPAR γ	F: CTTCGCTGATGCACTGCCTAT	56
	R: TCAGCAACCATTGGGTCAGC	
AMPK α	F: GAAAGTGAAGGTGGGCAAGC	56
	R: TGATGTGAGGGTGCCTGAAC	
NF- κ B p65	F: TCCAGGCTCCTGTTCGAGTCTC	56
	R: CGGTGGCGATCATCTGTGTCTG	

I κ B α	F: TGAAGGACGAGGAGTACGAGC	64
	Reverse: TGCAGGAACGAGTCTCCGT	
CPT-1A	F: CGGCAGACCTATTTTGCACG	55
	R: TAGATGCCTCAGGGTCCTCC	
SREBP1	F: TATTCGGCATGTCACTAGCAT	58
	R: GATGAGCTGGAGCATGTCTGT	
HMGCR	F: ACGATCCTTCCTTATTGGCGG	57
	R: CACAGTCCTTGGATCCTCCG	
LXR α	F: CTCAATGCCTGATGTTTCTCCT	59
	R: TCCAACCCTATCCCTAAAGCAA	
LXR β	F: CGACTCCAGGACAAGAAGC	57
	R: TCAAGAAGACACCACCAAGG	
SIRT1	F: CGGCTACCGAGGTCCATATAC	54
	R: ACAATCTGCCACAGCGTCAT	
GPR41	F: CTCCTCAGCACCTCAACTC	57
	R: CTCGGACACTCCTTGGATGG	
GPR43	F: GCCATGTAGCCGATGGAAGG	56
	R: ATGTCTTCACGGTCCAACCAA	

F: forward primer; R: reverse primer.