

**Table S1. Primer sequences used in Realtime-PCR. Genes are listed alphabetically.**

Names	Primer sequences
Acetyl CoA Carboxylase (ACC)	Forward: 5'- GAGCA GCCCA TTCTC ATCTA TATC -3'
	Reverse: 5'- CTGTG TGTGC TCGTG GTTCA GCTC -3'
Adiponectin	Forward: 5'- GTCAG TGGAT CTGAC GACAC CAA -3'
	Reverse: 5'- ATGCC TGCCA TCCAA CCTG -3'
adipocyte protein 2 (aP2)	Forward: 5'- GACGA CAGGA AGGTG AAGAG C -3'
	Reverse: 5'- GCCTT TCATA ACACA TTCCA CC -3'
Collagen 1 $\alpha$ 1 (Col1a1)	Forward: 5'- TAGGC CATTG TGTAT GCAGC -3'
	Reverse: 5'- ACATG TTCAG CTTTG TGGAC C -3'
Collagen 4 $\alpha$ 1 (Col4a1)	Forward: 5'- CACAT TTTCC ACAGC CAGAG -3'
	Reverse: 5'- GTCTG GCTTC TGCTG CTCTT -3'
Collagen 6 $\alpha$ 1 (Col6a1)	Forward: 5'- GATGA GGGTG AAGTG GGAGA -3'
	Reverse: 5'- CAGCA CGAAG AGGAT GTCAA -3'
carnitine palmitoyltransferase 1 $\alpha$ (CPT1 $\alpha$ )	Forward: 5'- ATCTG GATGG CTATG GTCAA GGTC -3'
	Reverse: 5'- GTGCT GTCAT GCGTT GGAAG TC -3'
fatty acid synthase (FASN)	Forward: 5'- GCAGC AAGTG TCCAC CAACA A -3'
	Reverse: 5'- CTCAT CGGAG CGCAG GATAG A -3'
fatty acid transporter (FAT/CD36)	Forward: 5'- CCTAG TAGGC GTGGG TCTGA -3'
	Reverse: 5'- CACGG GGTCT CAACC ATTCA -3'
F4/80	Forward: 5'-CCCCA GTGTC CTTAC AGAGT G -3'
	Reverse: 5'- GTGCC AGAGT GGATG TCT -3'
glyceraldehyde-3-phosphate dehydrogenase (GAPDH)	Forward: 5'- TGCAC CACCA ACTGC TTAG -3'
	Reverse: 5'- GGATG CAGGG ATGAT GTTC -3'
Interleukin6 (IL-6)	Forward: 5'- AACGA TGATG CACTT GCAGA -3'
	Reverse: 5'- GAGCA TTGGA AATTG GGGTA -3'
lipoprotein lipase (LPL)	Forward: 5'- GCTGG GCCTA ACTTT GAGTA TG -3'
	Reverse: 5'- AAATC AGCGT CATCA GGAGA A -3'
Monocyte chemoattractant protein1 (MCP-1)	Forward: 5'- ACTGA AGCCA GCTCT CTCTT CCTC-3'
	Reverse: 5'- TTCCTTCTTGGGGTCAGCACAGAC-3'
Matrix metalloproteinase2 (MMP-2)	Forward: 5'- TGCAG GAGAC AAGTT CTGGA -3'
	Reverse: 5'- TGCAG GAGAC AAGTT CTGGA -3'
Matrix metalloproteinase9 (MMP-9)	Forward: 5'- CTGTC GGCTG TGGTT CAGT -3'
	Reverse: 5'- AGACG ACATA GACGG CATCC -3'
peroxisome proliferator-activated receptors-gamma coactivator-1 $\alpha$ (PGC-1 $\alpha$ )	Forward: 5'- CGATC ACCAT ATTCC AGGTC AAG -3'
	Reverse: 5'- CGATG TGTGC GGTGT CTGTA GT -3'
peroxisome proliferator-activated receptors-alpha (PPAR $\alpha$ )	Forward: 5'- CCTGA ACATC GAGTG TCGAA TAT -3'
	Reverse: 5'- GGTCT TCTTC TGAAT CTTGC AGCT -3'
peroxisome proliferator-activated receptors-gamma (PPAR $\gamma$ )	Forward: 5'- TGTCG GTTTC AGAAG TGCCT TG -3'
	Reverse: 5'- TTCAGCTGGTCGATATCACTGGAG -3'

sterol regulatory element-binding protein-1c (SREBP-1c)	Forward: 5'- GGAGC CATGG ATTGC ACATT -3'
	Reverse: 5'- CCTGT CTCAC CCCCA GCATA -3'
Tumor necrosis factor $\alpha$ (TNF- $\alpha$ )	Forward: 5'- ACGGC ATGGA TGTC AAGAC -3'
	Reverse: 5'- GTGGG TGAGG AGCAC GTAGT -3'