

Table S1 Primer Sequences for real-time PCR

Gene Symbol	Gene Name	Forward Sequence (5'–3')	Reverse Sequence (5'–3')
ATP5O	ATP synthase subunit O	TTTGAATCCCTATGTGAA GCGTT	CCTTGGGTATTGCTTAAT CGACC
ACADM	Acyl-CoA dehydrogenase, C-4 to C-12 straight chain	ATGCCCTGGAAAGGAAA ACT	AACCTCCCAAGCTGCTCT CT
ApoA1	Apolipoprotein A1	GAGACTGCGAGAAGGAG GTC	TCTCTGCCGCTGTCTTTG AG
ApoB	Apolipoprotein B	GAG AAA CTG ACT GCT CTC AC	ATGATAGTGCTCATCAAG ACT T
ApoE,	Apolipoprotein E	GTTGCTGGTCACATTCCT GG	GCAGGTAATCCCAAAAG CGAC
ACADM	Acyl-CoA dehydrogenase, C-4 to C-12 straight chain	ATGCCCTGGAAAGGAAA ACT	AACCTCCCAAGCTGCTCT CT
COX4I1	Cytochrome c oxidase subunit 4 isoform 1	GCACTGAAGGAGAAGGA GAAG	AACCGTCTTCCACTCGTT C
COX5B	Cytochrome c oxidase subunit 5B	GGAAGACCCTAATTTAGT CCCCT	CCAGCTTGTAATGGGCTC CAC
ERRα	Estrogen-related receptor alpha	TATGGTGTGGCATCCTGT G	GTCTCCGCTTGGTGATCT C
GAPDH (housekeeping)	Glyceraldehyde-3-phosphate dehydrogenase	CGACCACTTTGTCAAGCT CA	AGGGGTCTACATGGCAA CTG
Glu1		AACTCTTCAGCCAGGGTC CAC	CACAGTGAAGATGATGA AGAC

Glu4	Glucose transporter isoform 4	CTTCGAGACAGCAGGGG TAG	AGGAGCAGAGCCACAGT CAT
HADH B	Hydroxyacyl-CoA dehydrogenase/3-ketoacyl-CoA thiolase/enoyl-CoA hydratase (trifunctional protein), beta subunit	CTTGCTCCGAGAGGGAGT C	AGCTCGTAGCTGGGAGG AAC
IL-1 β	Interleukin-1 β	CAACAGGCTGCTCTGGG ATT	GGGCCATCAGCTTCAAA GAAC
IL-6	Interleukin-6	ACTCACCTCTTCAGAACG AATTG	CCATCTTTGGAAGGTTCA GGTG
LDLR	Low density lipoprotein receptor	CTGGACCGGAGCGAGTA CAC	TGGGTGCTGCAGATCATT CTC
NRF1	Nuclear respiratory factor 1	GCTGATGAAGACTCGCCT TCT	TACATGAGGCCGTTTCCG TTT
PGC-1 α	Peroxisome proliferator-activated receptor gamma, coactivator 1 alpha	GTCACCACCCAAATCCTT AT	ATCTACTGCCTGGAGACC TT
PPAR α	Peroxisome proliferator-activated receptor alpha	ATCGAATGTAGAATCTGC GGG	TCGCACTTGTCATACACC AG
PPAR β	Peroxisome proliferator-activated receptor beta	CCAACAGATGAAGACAG ATGCA	CTGAACGCAGATGGACC TCTA

PPAR α	Peroxisome proliferator- activated receptor gama	AGGCGAGGGCGATCTTG ACAG	GATGCGGATGGCCACCT CTTT
TNF- α	tumor necrosis factor- α	GCCCATGTTGTAGCAAAC CC	GGACCTGGGAGTAGATG AGGT
