Table 1S. Sequence of the primers used for RT-qPCR in the study.

Gene	Full name		5'→3' primer sequence
18S	18S ribosomal RNA	F	cgccgctagaggtgaaattct
		R	cattcttggcaaatgctttcg
SREBP1c	Sterol Regulatory Element-Binding Protein 1c	F	acaagattgtggagctcaagg
		R	tgcgcaagacagcagattta
FAS	Fatty Acid Synthase	F	ggccacctcagtcctgttat
		R	agggtccagctagagggtaca
ACC	Acetyl Co A carboxylase	F	gatgatcaaggccagcttgt
		R	caggctaccatgccaatctc
AP2	Adipocyte Protein 2	F	aatgtgcgacgcctttgt
		R	tgatgatcaagttgggcttg
ACO	Acyl Co A Oxidase	F	caccttcgagggagagaaca
		R	cgcacctggtcgtagatttt
CIDEA	Cell death activator CIDE-A	F	tgatatccgctgcacaagc
		R	cacctgggcagcatagga
PPARα	Peroxisome Proliferator-Activated Receptor α	F	tgcggactaccagtacttaggg
		R	gctggagagagggtgtctgt
Mcad	Medium-Chain Acyl-CoA Dehydrogenase	F	cttagcttctgccctgtggt
		R	tgagagacacttctcaggacctt
Lcad	Long-Chain Acyl-CoA Dehydrogenase	F	gcagttacttgggaagagcaa
		R	ggcatgacaatatctgaatgga
Cpt1b	Carnitine Palmitoyltransferase 1B	F	ctcctttcctggacgaggt
		R	gatctggaactgggggatct
Pdk4	Pyruvate Dehydrogenase Kinase 4	F	gagctgttctcccgctacag
		R	agttctctcacaggcattttctg
PGC1α	PPARγ Coactivator 1α	F	aaagggccaagcagagaga
		R	gtaaatcacacggcgctctt
PGC1β	PPARγ Coactivator 1β	F	ttgacagtggagctttgtgg
		R	gggcttatatggaggtgtgg
UCP1	Uncoupling Protein 1	F	gcctgcctagcagacatcat
		R	tggccttcaccttggatct
PRDm16	PR Domain Containing 16	F	cggatgttccccaacaaat
		R	acgctcttctgtgtggacaa
Tfam	Mitochondrial Transcription Factor A	F	agctaaacacccagatgcaaa
		R	tcagctttaaaatccgcttca
MFN2	Mitofusin-2	F	tcctgggccctaagaatagc
		R	gagaggacgctgaacctgat
Tfb2m	Mitochondrial Transcription Factor B2	F	caaaacccatcccatcaact
		R	tcagctttaaaatccgcttca
NRF1	Nuclear Respiratory Factor 1	F	atagtcctgtctggggaaacc
		R	tccatgcatgaactccatct
OPA1	Mitochondrial dynamin-like GTPase	F	ggatttcttcactgcgggta
		R	cggatccatgatctgttgc
Dmn1L	Dynamin 1 like protein	F	gctggtccacgtttcacc
		R	ccccattcttctgcttcaac
Leptin	Leptin	F	ccaggatcaatgacatttcaca
		R	aatgaagtccaaaccggtga

LeptR	Leptin receptor	F	tgtcagaaattctatgtggttttgt
		R	ttggataggccaggttaagtg
Adiponectin	Adiponectin	F	tggtcacaatgggataccg
		R	cccttaggaccaagaacacct
Resistin	Resistin	F	atcaagacttcagctccctactg
		R	gtgacggttgtgccttctg
InsR	Insulin Receptor	F	cagaaaaacctcttcaggcaat
		R	ttcaagggatcttcgctttc
GPX3	Glutathione peroxidase 3	F	gacacatccgggctcactat
		R	tggagacttaggagggtcctt
iNOS	Inducible Nitric Oxide Synthase	F	accatggagcatcccaagt
		R	accatggagcatcccaagt
Cox1	Cytochrome C oxidase 1	F	tcggaaccctctacctattatttg
		R	ctcgaattagaatacttaaagctgtcc
CycloA	Cyclophilin A	F	ccccatctgctcgcaata
		R	tttgcaatcctgctagacttga