

Supplementary Table S1. Description of primers.

Gene	Acc.no.	Forward sequence	Reverse sequence
<i>CD36</i>	L06850	AGTCACTGCGACATGATTAATGGT	CTGCAATACCTGGCTTTTCTCAA
<i>GAPDH</i>	NM_002046	TGCACCAACCTGCTTAGC	GGCATGGACTGTGGTCATGAG
<i>SLC2A4</i>	M20747	ACCCTGGTCCTTGCTGTGTT	ACCCCAATGTTGTACCCAAACT
<i>MYH2</i>	NM_005963	CCAGACTGTGTCTGCTCTCTTCAG	CAGGACAAGCTCATGCTCCAT
<i>MTOR</i>	NM_001386500	CCGAGCGACGAGAGATCATC	ACTTGAGCCAGGTTCTCATGTCT
<i>MYOD1</i>	BC064493	GCGCCCAAAAGATTGAACTTA	CCGCCTCTCTACCTCAAGA
<i>MAPK8</i>	NM_001278547	CTGGTCAGCAGGGTGTCAACA	TCGCAGAGGGAGAAAAGCAA
<i>NFκB</i>	NM001165412.1	ACGAGCTCCGAGACAGTGACA	GAGACTCGGTAAAGCTGAGTTTGC
<i>PPARA</i>	L02932	TCCACCTGCAGAGCAACCA	CCGGAGGTCTGCCATTTTT
<i>PPARD</i>	BC002715	AGCATCCTCACCGGCAAA	ATGTCTCGATGTGATGTCGTGGATCAC
<i>PPARG</i>	L40904	AGCCTGCGAAAGCCTTTTG	ATTCCAGTGCATTGAACTTCACA
<i>RPLP0</i>	M17885	CCATTCTATCATCAACGGGTACAA	AGCAAGTGGGAAGGTGTAATCC
<i>UQCRB</i>	NM_006294.4	AAGGTCCAAGGTCTCCTCTCTTC	CATCTCCAGCAGGTACTTCACTCA

Primers were designed using Primer Express® (Applied Biosystems). *CD36*, cluster of differentiation 36; *GAPDH*, glyceraldehyde 3-phosphate dehydrogenase; *SLC2A4*, solute carrier family 2 member 4; *MYH2*, myosin heavy chain 2; *MTOR*, mechanistic target of rapamycin kinase; *MYOD1*, myoblast determination protein 1; *MAPK8*, mitogen-activated protein kinase 8; *NFκB*, nuclear factor kappa B; *PPARA/D/G*, peroxisome proliferator-activated receptor alpha/delta/gamma; *RPLP0*, ribosomal protein lateral stalk subunit P0; *UQCRB*, ubiquinol-cytochrome c reductase binding protein.