

Table SI. Primer sequences for reverse transcription-quantitative PCR.

Gene	Forward, 5'-3'	Reverse, 5'-3'
<i>Cs</i>	TTGGGAGCCAAGAACTCATC	TCTGGCCTGCTCCTTAGGTA
<i>Ogdh</i>	CAGCTCGCTGTCTGAGTACG	AATGATGCACTGTGCCATGT
<i>Sucla2</i>	TTGTGCATGGATGCAAAGAT	CTGCTTCTTTGTCCCTTTCG
<i>Glut4</i>	GACGGACACTCCATCTGTTG	CATAGCTCATGGCTGGAACC
<i>Hk2</i>	GAAGGGGCTAGGAGCTACCA	CTCGGAGCACACGGAAGTT
<i>Pk</i>	CGATCTGTGGAGATGCTGAA	AATGGGATCAGATGCAAAGC
<i>Cd36</i>	TGGCCTTACTTGGGATTGG	CCAGTGTATATGTAGGCTCATCCA
<i>Cpt1b</i>	GCACACCAGGCAGTAGCTTT	CAGGAGTTGATTCCAGACAGGTA
<i>Mcad</i>	ACTGACGCCGTTTCAGATTTT	GCTTAGTTACACGAGGGTGATG
<i>LdhA</i>	TGTCTCCAGCAAAGACTACTGT	GACTGTACTTGACAATGTTGGGA
<i>Mct1</i>	GTGACCATTGTGGAATGCTG	CTCCGCTTTCTGTTCTTTGG
<i>Scot</i>	TGGCCAACCTGGATGATACCTGG	TCCATGGTGACCACCCTTTGG
<i>Glud1</i>	CTATGGAGCTGGCCAAGAAG	CCTATGGTGCTGGCATAGGT
<i>Bcat2</i>	TGGAGTGGAATAACAAGGCTG	GTCTCCACCTTTGTATGCTTTC
<i>Bckdha</i>	CAGATGCCTGTTCACTACGG	CCCTCGCCAAAGTAACAGATC
<i>Atrg1</i>	GCAGAGAGTCGGCAAGTC	CAGGTCGGTGATCGTGAG
<i>Murfl</i>	CAACCTGTGCCGCAAGTG	CAACCTCGTGCCTACAAGATG
<i>β-actin</i>	CTAAGGCCAACCCTGAAAAG	ACCAGAGGCATACAGGGACA

Cs, citrate synthase; *Ogdh*, oxoglutarate dehydrogenase; *Sucla2*, succinate-CoA ligase, subunit β; *Glut4*; glucose transporter 4; *Hk2*, hexokinase 2; *Pk*, pyruvate kinase; *Cd36*, cluster of differentiation 36; *Cpt1b*, carnitine palmitoyl transferase 1-b; *Mcad*, medium-chain acyl-CoA dehydrogenase; *LdhA*, lactate dehydrogenase A; *Mct1*, monocarboxylic acid transporter 1; *Scot*, succinyl CoA 3-oxoacid CoA transferase; *Glud1*, glutamate dehydrogenase 1; *Bcat2*, branched-chain amino transaminase 2; *Bckdha*, branched chain α-keto acid dehydrogenase E1 α; *Atrg1*, atrogen-1; *Murfl*, muscle ring finger 1.