

Supplementary table 1 Primer sequence for RT-qPCR

Genes	GenBank ID	Forward Sequence	Reverse Sequence
<i>β-Actin</i>	NM_031144.3	TCATGAAGTGTGACGTTGACATCC	GTAAAACGCAGCTCAGTAACAGTC
<i>Bcatm</i>	NM_022400.2	CAGGACTTGGGGTGAGTTCC	GCCTGAGAACGGAGATCGAG
<i>Bckdha</i>	NM_012782.1	CTGTTCATGGCCCAGTGCTA	TTGACCTCATCCACCGAACG
<i>Acot1</i>	NM_031315.2	CCTCCTTACTTCCCACTGTG	GACACCCCATGACTCTTACC
<i>Acot2</i>	NM_138907.3	CGAGTTCTATGCCAGAGAGG	CACAGTGGGAAGTAAGGAGG
<i>Acot3</i>	NM_001108041.1	GAAGGAGCTGACCAGAAGAG	CCTCTCTGGCATAGAACTCG
<i>Acot4</i>	NM_001109440.2	CAATAGAGAAGGCCAAGGGG	CCAGTCCCAGGGTAAGAGAT
<i>Acot5</i>	NM_001079709.1	CCAGATCATCTGCTACCCAG	CTCCCCCTCCAAGGATGATAG
<i>Ppara</i>	NM_013196.2	GATTTCTCAGTCCCTCGGAG	GAGAGAGGGTGTCTGTGATG
<i>Scd</i>	NM_139192.2	CTTCCCCTACGACTACTCTG	CTACTCTTGTGGCTCCCATC
<i>Acat2</i>	NM_001006995.1	GACCCCGTCGTCATCATCTC	TGGGACACAACAGCAACCTT
<i>Abcg5</i>	NM_053754.2	GTTCCATGACCCAAGGGATC	CTGGACTCGGAGAAGGTAG
<i>Abcg8</i>	NM_130414.2	GGGACTGTACTCCAGGATG	GTGAGATCTCTGACCTCCAG
<i>Cyp7a1</i>	NM_012942.2	GCTCTCCACCTTTGACGACA	GGACGGCAAAGAGTCTTCCA
<i>Cyp7b1</i>	NM_019138.1	CTATGGAAGTCCTGCGTGAC	GGATGATGCTGGAGTAGGAG
<i>Cyp8b1</i>	NM_031241.2	CTGTGGGGTTCACTGCTAGG	GCTCAGGAAGCCAGCCTTAA
<i>Fasn</i>	NM_017332.2	ATCGTGGGCATCAACTCGTT	GCAGGATGGACTCACGGAAA
<i>Acaca</i>	NM_022193.1	CTGGGTAGACTCTGAGGATC	CGAAGGTTCTCTGCTCCAAG
<i>Acacb</i>	NM_053922.2	GGAGTACCTATACAGCCAGG	GGGACTCTCCGTACAGAAG
<i>Me1</i>	NM_012600.3	CTGAGTGTTCTGCAGAGGAG	CTCCAGGGAACACATAGGAG

F: Forward primer; R: Reverse primer. Bcatm, branched chain amino acid transaminase 2; Bckdha, branched chain keto acid dehydrogenase E1 subunit alpha; Acot1, acyl-CoA thioesterase 1; Acot2, acyl-CoA thioesterase 2; Acot3, acyl-CoA thioesterase 3; Acot4, acyl-CoA thioesterase 4; Acot5, acyl-CoA thioesterase 5; Ppara, peroxisome proliferator activated receptor alpha; Scd, stearoyl-CoA desaturase; Acat2, acetyl-CoA acetyltransferase 2; Abcg5, ATP binding cassette subfamily G member 5; Abcg8, ATP binding cassette subfamily G member 8; Cyp7a1, cytochrome P450 family 7 subfamily A member 1; Cyp7b1, cytochrome P450 family 7 subfamily B member 1; Cyp8b1, cytochrome P450 family 8 subfamily B member 1; Fasn, fatty acid synthase; Acaca, acetyl-CoA carboxylase alpha; Acacb, acetyl-CoA carboxylase beta; Me1, malic enzyme 1.