

Supplementary Information

Table S1. Primers used for real-time PCR¹

	Forward primer	Reverse primer
<i>Acc1</i>	5' GGAGCAGAGAACCTTCGGGG 3'	5' CGGACAAGGTAAGCCCCAAT 3'
<i>Acc2</i>	5' AGGCAGTCCGCAGGGTGATG 3'	5' CCGCCTTACGCTGCAGGGTG 3'
<i>Actb</i>	5' TAAGGCCAACCGTGAAAAGA 3'	5' TGCCTGTGGTACGACCAGAG 3'
<i>Acox1</i>	5' AGGAGGGGATTTT-CTTGAGG 3'	5' AGTCAAAGGCATCCACCAA 3'
<i>Bhmt1</i> ²	5' ATTCAAGTCTGCACAGTAGCCA 3'	5' ACACAAACACTGACTTTCAGCC 3'
<i>Chdh</i>	5' CAGTGTGGGCAAGGATGAGTAC 3'	5' GCAGCAGCACCCGATGATTC 3'
<i>Chrebp1</i>	5' AAGTCCACCCACCTTGGCCT 3'	5' AGGCTCCAGTGCTTGCTCAG 3'
<i>Dgat1</i>	5' GCTTCAAGTGGGGCTGATCC 3'	5' GGGGACCGCCAGCTTTAAGA 3'
<i>Elovl5</i>	5' GGGTGGCTGTTCTCCAGATTG 3'	5' GTGGCCCTTCAGGTGGTCTTTC 3'
<i>Fads1</i>	5' GCCTTCAACAACCTGGTTCAGTG 3'	5' CGTACTTGCGCACAGGGATTG 3'
<i>Fasn</i>	5' GGAGTGAAAGTGTCAGATCTGC 3'	5' CAGTCCACAGAAGTCAGTAGG 3'
<i>Fatp1</i>	5' GGCCACCATTCTACAGCAT 3'	5' CCACCGTCAACCCGTAGATG 3'
<i>Mttp</i>	5' GCCACCACTGTTCTCCAGAGAT 3'	5' TTGTGCGCACCGTCTTCTCATG 3'
<i>Pcyt1a</i>	5' AGCGAGGATGAAGAGGACTAAC 3'	5' TGTCTTAGGTTTAGTGTTGGG 3'
<i>Pemt</i>	5' TTGGGGATTCGTGTTTGTGC 3'	5' ACGCTGAAGGGAAATGTGGTC 3'
<i>Scd1</i>	5' CGCCCCTACGACAAGAACATTC 3'	5' TGGCAGAGTAGTCGAAGGGG 3'
<i>Srebp1c</i>	5' CATGGACGAGCTGGCCTTC 3'	5' ACTGTCTTGGTTGTTGATGAGC 3'

¹ *Actb*: beta-actin; *Acc*: acetyl-CoA carboxylase; *Acox1*: peroxisomal acyl-coenzyme A oxidase 1; *Bhmt*: betaine—homocysteine S-methyltransferase; *Chdh*: choline dehydrogenase; *Chrebp1*: Carbohydrate-responsive element-binding protein; *Dgat1*: diacylglycerol O-acyltransferase 1; *Elovl5*: fatty acid elongase 5; *Fasn*: fatty acid synthase; *Fatp1*: fatty acid transport protein 1; *Mttp*: microsomal triglyceride transfer protein; *Pcyt1a*: choline-phosphate cytidylyltransferase A; *Pemt*: phosphatidylethanolamine N-methyltransferase; *Ppara*: Peroxisome proliferator-activated receptor alpha; *Scd1*: stearoyl-CoA desaturase-1; *Srebp1c*: Sterol regulatory element-binding protein 1c

² *Bhmt1*, *Chdh*, *Pcyt1a*, and *Pemt* primers were previously published [37].