

Supplementary Table 1. Bovine primers used in real-time PCR analysis

Gene ¹	Sequence ²	Product (bp)	Accession No.
<i>ACADVL</i>			
F	CCAGCCCCTGTGGAAAATACTA	62	NM_174494.2
R	GCCCCCGTTACTGATCCAA		
<i>ACOX1</i>			
F	CGAGCGGCCAGATTAGTAGAA	110	NM_001035289.3
R	TGCCCGAACAAGGTCAATG		
<i>B2M</i>			
F	CATCCAGCGTCCTCCAAAGAT	131	NM_173893.3
R	CCCATTCTTCAGCAAATCG		
<i>CD36</i>			
F	CTGGCTGTGTTTGGAGGGAT	90	NM_001278621.1
R	TGTGCCTTCTTCAAGGACAAC		
<i>CPT1a</i>			
F	GCAGCGTTCTTCGTGACGTTA	115	XM_002699420.4
R	ACCTGTGCGAAACACCTGCCAT		
<i>DGAT1</i>			
F	CACTGGGACCTGAGGTGTCA	122	NM_174693.2
R	AACCGTGCGTTGCTTAAGATC		
<i>DGAT2</i>			
F	TCATCTCGGTGCTACAATGGG	91	NM_205793.2
R	CAGCAATCGGTGCAGAATGT		
<i>FABP1</i>			
F	TGGAGTTCATGACTGGGGAGA	95	NM_175817.3
R	AGTCACAGACTTGATGCCCTT		

G6PC

F	TGAATGTCTGCCTGTCACGA	93	XM_005220740.2
R	AAGTCTCAGCAACCGCAATG		

HMGCS2

F	TTACGGGGCCCTGGACAAAT	100	NM_001045883.1
R	GCACATCATCGAGAGTGAAAGG		

IGFBP2

F	AAGCATGGCCTGTACAACCT	89	NM_174555.1
R	TTCCCGGTGTTAGGGTTCAC		

MTTP

F	GCTGTCAGCATCTAGTGACCC	96	NM_001101834.1
R	GCCTTAAGTCCAGATTGCAGC		

NR1I3

F	CTGCAGAAGTGCTTGGATGCT	65	NM_001079768.2
R	AATGCCAGGGCTTCTGTCGAT		

PCK1

F	GGTGTGATCAAGAGGCTGAAGA	99	NM_174737.2
R	AGTGATGATGACCGTCTTGC		

P4HB

F	TGAGTTCACCGAGCAGACAG	107	NM_174135.3
R	TGCTCAGCTTGCCCTCATAG		

PC

F	CCGCCACCAAGATGAGCAG	76	NM_177946.4
R	TTCTGCAGGAAGGGGATGTT		

SCD1

F	ACAATTCCCGACGTGGCTT	254	NM_173959.4
R	GGCATAACGGAATAAGGTGGC		

<i>SULT1A1</i>			
F	CTTCATGAGGAAAGGCATCAC	98	NM_177521.2
R	CAGCCCGCATCTTCTTAGCATA		
<i>SULT2a1</i>			
F	TCTCATCAGTTCTCACCACCC	92	NM_001046353.1
R	CTCTGGGATTTTCGGACAAGGTAG		
<i>UGT1a1</i>			
F	GACCCATCATGCCCAACATAGT	106	NM_001105636.1
R	CCGTGTTCTCCAGAAGCATT		

¹Primers were designed to measure the abundance of *acyl-CoA dehydrogenase, very long chain (ACADVL)*, *acyl-CoA oxidase 1, palmitoyl (ACOX1)*, *beta-2-microglobulin (B2M)*, *CD36 molecule (thrombospondin receptor) (CD36)*, *carnitine palmitoyltransferase 1A (liver) (CPT1a)*, *diacylglycerol O-acyltransferase 1 (DGAT1)*, *diacylglycerol O-acyltransferase 2 (DGAT2)*, *fatty acid binding protein 1, liver (FABP1)*, *glucose-6-phosphatase, catalytic subunit (G6PC)*, *3-hydroxy-3-methylglutaryl-CoA synthase 2 (mitochondrial) (HMGCS2)*, *insulin-like growth factor binding protein 2 (IGFBP2)*, *microsomal triglyceride transfer protein (MTTP)*, *nuclear receptor subfamily 1, group I, member 3 (NR1I3)*, *phosphoenolpyruvate carboxykinase 1 (soluble) (PCK1)*, *prolyl 4-hydroxylase, beta polypeptide (P4HB)*, *pyruvate carboxylase (PC)*, *stearoyl-CoA desaturase (delta-9-desaturase) (SCD1)*, *sulfotransferase family, cytosolic, 1A, phenol-preferring, member 1 (SULT1a1)*, *sulfotransferase family, cytosolic, 2A, dehydroepiandrosterone (DHEA)-preferring, member 1 (SULT2a1)*, *UDP glucuronosyltransferase 1 family*, and *polypeptide A1 (UGT1a1)* transcripts.

²Primer sequences are shown in a 5' to 3' orientation.