

Additional file 5. Real-time quantitative RT-PCR: genes and primers

gene symbol	gene name	Accession number (RefSeq)	Forward primer (5' – 3')	Reverse primer (5' – 3')
<i>Acaa1a</i>	acetyl-Coenzyme A acyltransferase 1A, 3-ketoacyl-CoA thiolase A	NM_130864	CGGGAGCAAGGCAGTTGTC	GCTGAGTGCCACGCAGAC
<i>Acaa1b</i>	acetyl-Coenzyme A acyltransferase 1B, 3-ketoacyl-CoA thiolase B	NM_146230	CGGGAGCAAGGCAGTTGTC	GCTGAGTGCCACGCAGAC
<i>Acacb</i>	acetyl-Coenzyme A carboxylase beta	NM_133904	ACTGTGGAGTATCTCGTTAACCTTCTG	GGACTGTCGGGCTACCTTGAG
<i>Acox1</i>	acyl-Coenzyme A oxidase 1, palmitoyl	NM_015729	GCAGATAAACTCCCAAGATCAAGAC	TAAAGTCAAAGGCATCCACCAAAAGC
<i>Acox2</i>	acyl-Coenzyme A oxidase 2, branched chain	NM_053115	CGGAAGGACGCCATCTTGTAAC	TGGTCTGAATCCTTTGGCTTTTC
<i>Acox3</i>	acyl-Coenzyme A oxidase 3, pristanoyl	NM_030721	TCTACCGAGGTGGCTACATTCTG	GCACGCTCTAGCACACCATTG
<i>Cpt1a</i>	carnitine palmitoyltransferase 1a, liver	NM_013495	GCTGATGACGGCTATGGTGTTC	TTGTACTACTAGAGTCCATTTTCTTCC
<i>Cpt2</i>	carnitine palmitoyltransferase 2	NM_009949	GCTCCGAGGCATTTGTCAGG	TTGTGTTTTATCCGCTGGTATGC
<i>Ela2</i>	elastase 2	NM_007919	GGTGGGGAAGCTCTGTGAAGTC	GACCCTGGTGAAGACGGATGG
<i>Ela3b</i>	elastase 3B, pancreatic	NM_026419	GCAACGGTGACTCTGGAGGAC	GCCAGCGAACCTTGGATCTAG
<i>H2Q10</i>	histocompatibility 2, Q region locus 10	NM_010391	GAGAAGGAGAAACACAGGTAGAAAAGG	CCACAGGAACACAGAGAACATCAG
<i>Hmgcs1</i>	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 1	NM_145942	GCCCTTCACAAATGACCACAG	CATTCTCCAACCGTTTCCATACC
<i>Hmgcs2</i>	3-hydroxy-3-methylglutaryl-Coenzyme A synthase 2	NM_008256	CTACCTGCGGGCCTTGGATC	GCCCTTGATAAGTTGTTCTGTTTGTC
<i>Hsd3b</i>	3-beta-hydroxysteroid dehydrogenase (family member 2, 3 and 6)	NM_001012306	CAGGTGCTGTTGCCCTCTTTTGA	AGGCTATACATGCTYTGAATGSGGAG
<i>Mod1</i>	malic enzyme, supernatant	NM_008615	GAGGTCATATCTCAGCAAGTGTCAG	AATCAGGTAGGATCTGGTCATAATTAGTG
<i>Pck1</i>	phosphoenolpyruvate carboxykinase 1, cytosolic	NM_011044	GTTTGTAGGAGCAGCCATGAGATC	CCAGAGGAACTTGCCATCTTTGTC
<i>Pdk4</i>	pyruvate dehydrogenase kinase, isoenzyme 4	NM_013743	CTTACAATCAAGATTTCTGACCGAGGAG	ATAATGTTTGAAGGCTGACTTGTAAAGAC
<i>Sqle</i>	squalene epoxidase	NM_009270	GCTTCTGTATTTTAAACTTGGTGAGAG	AGTGGAAATAGGATAGAACACGCTTTG
<i>Canx</i>	calnexin (reference gene)	NM_007597	GCAGCGACCTATGATTGACAACC	GCTCCAAACCAATAGCACTGAAAGG
<i>Hprt1</i>	hypoxanthine phosphoribosyltransferase (reference gene)	NM_013556	TGACACTGGTAAACAATGCAAACTTTG	GAGTCCTTTTACCAGCAAGCT