

**Table S1.** Primers used in the Real-Time quantitative PCR analyses.

Type	Gene	Primer sequences (5'-3')	Ta (°C)	Accession number
Reference	<i>rps18</i>	<b>F:</b> GGGTGTGCGACAGCTTAC <b>R:</b> CTTCTGCCTGTTGAGGAACCA	60	AM490061
	<i>ef1a</i>	<b>F:</b> CTTCAACGCTCAGGTATCAT <b>R:</b> GCACAGCGAACGACCAAGGGGA	60	AF184170
	<i>rpl27a</i>	<b>F:</b> AAGAGGAACACAACACTCACTGCCAAC <b>R:</b> GCTTGCCCTTGCCCCAGAACTTTGTAG	68	AY188520
Lipid metabolism	<i>ppara</i>	<b>F:</b> TCTCTTCAGCCCACCATCCC <b>R:</b> ATCCCAGCGTGTCTCC	62	AY590299
	<i>pparb</i>	<b>F:</b> AGGCGAGGGAGAGTGAGGATGAGGAG <b>R:</b> CTGTTCTGAAAGCGAGGGTGACGATGTTG	69	AY590301
	<i>pparg</i>	<b>F:</b> CGCCGTGGACCTGTCAGAGC <b>R:</b> GGAATGGATGGAGGAGGAGGAGATGG	66	AY590304
	<i>lpl</i>	<b>F:</b> GAGCACGCAGACAACCAGAA <b>R:</b> GGGTAGATGTCGATGTCGC	60	AY495672
	<i>cd36</i>	<b>F:</b> CCTTGAGGTTGCCAAGAGGA <b>R:</b> ATCCAACGCAGCCGTCTCA	60	XM_030440140
	<i>fatp1</i>	<b>F:</b> CAACAGAGGTGGAGGGCATT <b>R:</b> GGGGAGATA CGCAGGAACAC	60	XM_030407649
	<i>fabp1</i>	<b>F:</b> TTCTCACTTTACCATTGCGGC <b>R:</b> AGTTCATCAGGGAGACCAATCG	60	XM_030418150
	<i>acox1</i>	<b>F:</b> GGAGATTCCTACAGGCTGGAC <b>R:</b> CTGTGGCGTTAGGGGTGAG	58	XM_030420563
	<i>cpt1a</i>	<b>F:</b> GTGCCCTCGTTGTTCCATGATC <b>R:</b> TGATGCTTATCTGCTGCCTGTTG	60	XM_030426201
	<i>hadh</i>	<b>F:</b> GAACCTCAGCAACAAGCCAAGAG <b>R:</b> CTAAGAGGCGGTTGACAATGAATCC	60	XM_030431227
	<i>fasn</i>	<b>F:</b> TGGCAGCATACACACAGACC <b>R:</b> CACACAGGGCTTCAGTTCA	60	XM_030399576
	<i>atgl</i>	<b>F:</b> GTGCTTCAGTCCTGGATGTCTTC <b>R:</b> AGCCTTGCAGGTCCATGTTGA	60	XM_030424590
	<i>lipe</i>	<b>F:</b> GCTTGCTTCAGTTACCACCATTTC <b>R:</b> GATGTAGCGACCCTCTGGATGATGTG	60	XM_030393851
	<i>lipa</i>	<b>F:</b> TACTACATCGGACACTCTCAAGGAAC <b>R:</b> GTGGAGAACGCTATGAATGCTATCG	60	JQ308831

F: forward; R: reverse; Ta: annealing temperature; *rps18*: 40S ribosomal protein S18; *ef1a*: elongation factor 1-alpha; *rpl27a*: ribosomal protein L27a; *ppara*: peroxisome proliferator activated receptor alpha; *pparb*: peroxisome proliferator activated receptor beta; *pparg*: peroxisome proliferator activated receptor gamma; *lpl*: lipoprotein lipase; *cd36*: cluster of differentiation 36; *fatp1*: long-chain fatty acid transport protein 1; *fabp1*: fatty acid binding protein 1; *acox1*: acyl-CoA oxidase 1; *cpt1a*: carnitine palmitoyltransferase 1a; *hadh*: hydroxyacyl-CoA dehydrogenase; *fasn*: fatty acid synthase; *atgl*: adipose triglyceride lipase; *lipe*: lipase E, hormone-sensitive lipase; *lipa*: lipase A.