

Table S1 Primer sequences

Gene	Primer sequences (5' -3')	Accession number
<i>Leptin R-F</i>	TATCGTGCAGTCGCTCAGTG	NM_001024587.1
<i>Leptin R-R</i>	TCAGGCTCCAAAAGAAGAGGG	
<i>Plin5-F</i>	CTGGTCAGGACCACATGCAC	NM_001123135.1
<i>Plin5-R</i>	ACGAGATCATTACGGTGGC	
<i>Plin2-F</i>	TTGCTGCTGGTCGATTTCTT	NM_214200.2
<i>Plin2-R</i>	CACTTCCGGTCACTGCTTCT	
<i>Plin1-F</i>	TGGTGGCGTCTGTATGCAAT	NM_001038638.1
<i>Plin1-R</i>	CAGCACCGAGGACTTTGTCT	
<i>PPARγ-F</i>	AACATTTACACAAGAGGTGACCA	NM_214379.1
<i>PPARγ-R</i>	GATCTCGTGGACGCCATACT	
<i>HSL-F</i>	CTAGCAAACATGGCATCGGC	NM_214315.3
<i>HSL-R</i>	CCAGCATAGGCACTGACACA	
<i>ATGL-F</i>	TGTTCCCCAAAGAGACGACG	NM_001098605.1
<i>ATGL-R</i>	CGTTGGCCACTAGGGAGGA	
<i>LPL-F</i>	CGTGCTCAGATGCCCTACAA	NM_214286.1
<i>LPL-R</i>	AGACTCCACGTGCTGTTCCCT	
<i>ACCI-F</i>	ACCCCAGGAGGATGTGCTAT	NM_001114269.1
<i>ACCI-R</i>	AGCTGGCTAGTGGAGGTGT	
<i>Fasn-F</i>	TGGGCATGGTGAACTGTCTC	NM_001099930.1
<i>Fasn-R</i>	GCGTGGTTGTTGGAAAGGTC	
<i>PGC-1α-F</i>	ATGTGCAACCAGGACTCTGT	NM_213963.2
<i>PGC-1α-R</i>	GCGTCTCTGTGAGAACTGCT	
<i>CPT1a-F</i>	TTCAGTTCACGGTCACTCCG	NM_001129805.1
<i>CPT1a-R</i>	TGGATCCCAGGAGAATCGGT	
<i>TFAM-F</i>	TGCTTTGTCTACGGGTGCAA	NM_001130211.1
<i>TFAM-R</i>	GCAAACTGAACGGAGAGCG	
<i>Ndufb8-F</i>	CCCAGGACCCTATCCCAAGA	NM_001144842.2
<i>Ndufb8-R</i>	CCAGTGTATCGGTTACCCC	
<i>Sdhb-F</i>	ACATCAACGGAGGCAAACT	NM_001104953.1
<i>Sdhb-R</i>	ACAGCCCATCCAGTTTCTCG	
<i>Uqcrc2-F</i>	CTCCTGTAAGGCGGTTGTGA	XM_003124555.5
<i>Uqcrc2-R</i>	ACTGGATGCAAGACGAAGCA	
<i>COX4i1-F</i>	GGTGGAGTCCCCTCTCGAT	XM_021093705.1
<i>COX4i1-R</i>	GGATGGGGCCGTACACATAG	

<i>Atp5a1-F</i>	TCGTGGTGTTCGTCTGACTG	NM_001185142.1
<i>Atp5a1-R</i>	TTTTCCCAACAGGGCTTGGT	
<i>ABHD5-F</i>	GGATGCCTGTGAGAGGTCTG	NM_001012407.1
<i>ABHD5-R</i>	GGTGTGACGTCGATGTAGGG	
<i>Mettl3-F</i>	ACACTGCTTGGTTGGTGTCA	XM_003128580.5
<i>Mettl3-R</i>	AATCTTTTCGAGTGCCAGGGG	
<i>Mettl14-F</i>	GTGGTTCTGGGGAGGGATTG	XM_003129231.6
<i>Mettl14-R</i>	TCCACCTCCCCGATCAGATT	
<i>FTO-F</i>	GGCATGGGGTCATCCTTTGA	NM_001112692.1
<i>FTO-R</i>	CCAGGGGTCTCTATGTCCCA	
<i>Ythdf2-F</i>	AACAAGGGTCCTGTGGCAAA	XM_005665152.3
<i>Ythdf2-R</i>	GCTGTGTCTGTTGCCCTACT	
<i>UCP3-F</i>	TCACCTTCAGGACACGTTCTG	NM_214049.1
<i>UCP3-R</i>	AGGCATCCATCCTAGTGGGT	
<i>Casp3-F</i>	CCGGAATGGCATGTTCGATCT	NM_214131.1
<i>Casp3-R</i>	AGTCCAATTCTGTGCCTCGG	
<i>Casp9-F</i>	CAGTGGTGCTGGGGTCTAAG	XM_013998997.2
<i>Casp9-R</i>	GGCCTTGGCAGTCAGGTT	
<i>Bax-F</i>	GCCCTTTTGCTTCAGGGTTTC	XM_003127290.5
<i>Bax-R</i>	CAATGCGCTTGAGACACTCG	
<i>Bcl2-F</i>	ATCAAGTGTTCCGCGTGACT	XM_021099593.1
<i>Bcl2-R</i>	GGCCCATACAGCTCCACAAA	
<i>ACSL2-F</i>	TCAGTCCTTCCTCCGATGAT	NM_001167629.2
<i>ACSL2-R</i>	AGCTTCCGCTGTTTTTGCTG	
<i>DGAT2-F</i>	TCTACTTCACTTGGCTGGCG	NM_001160080.1
<i>DGAT2-R</i>	GCTTGGAGTAGGGCATGAGC	
<i>β-Actin-F</i>	AACGGCTCCGGCATGTGCAA	NM_007393
<i>β-Actin-R</i>	CTTCTGACCCATGCCACCA	
