

Table S2. The primers used for real-time quantification PCR

Gene	Primer sequence (5'to 3')	NCBI Reference Sequence	Product size (bp)	amplification efficiency
COX2	F: CCGTGGGGAATGTATGAGCA	NM_011198.4	204	1.00
	R: CTTCGCAGGAAGGGGATGTT			
CS	F: CAGCTACAGAAGGAAGTTGG	XM_030244861.1	136	0.97
	R: AGGAATAGCGAGGGTCAGTC			
PGC-1 α	F: AGCCGTGACCACTGACAACGAG	XM_006503775.2	168	0.97
	R: GCTGCATGGTTCTGAGTGCTAAG			
TFAM	F: AAAGCTAAACACCCAGATGC	NM_009360.4	81	0.96
	R: TTCTGCTTCTGGTAGCTCC			
GAPDH	F: TGCCGCCTGGAGAAACC	XM_036165840.1	121	0.99
	R: TGAAGTCGCAGGAGACAACC			
PPAR γ	F: CCAAGAATACCAAAGTGCATCA	NM_001127330.2	133	0.97
	R: CCCACAGACTCGGCACTCAAT			
aP2	F: AAGAAGTGGGAGTGGGCTTTG	NM_024406.3	184	0.97
	R: CTCTTCACCTTCTGTCGTCTG			
ATGL	F: TTCGCAATCTCTACCGCCTC	NM_001163689.1	136	0.97
	R: AAAGGGTTGGGTTGGTTCAG			
HSL	F: GCTGGGCTGTCAAGCACTGT	NM_010719.5	160	0.98
	R: GTAAGTGGGTAGGCTGCCAT			
LPL	F: CCAATGGAGGCACTTTCCA	NM_008509.2	85	0.96
	R: TGGTCCACGTCTCCGAGTC			