

Supplementary Table S1 Primer pairs designed for target genes.

Gene	Primer sequences (5'-3')	GenBank accession number	Annealing temperature (°C)
PPAR- γ	GCATTTCTGCTCCGCACTAC	NM_001100921.1	56.94
	ATACAGGCTCCACTTTGATTGC		55.21
FAS	GGAAGGCGGGACTATATGGC	XM_004013447.1	58.39
	CATGCTGTAGCCTACGAGGG		58.19
HSL	ACAGCAGCGACACAACAGAC	NM_001128154.1	58.45
	CAGATTCATCCTCAGACCCAAG		55.11
SCD	AGTACCGCTGGCACATCAAC	NM_001009254.1	58.17
	AAGACGGCAGCCTTGGATAC		57.76
MAPK	CAGTACTACGATCCAAGCGA	XM_012098101.1	53.82
	GCTGGAATCTAGCAGTCTCT		53.69
FABP4	AAACTGGGATGGGAAATCAACC	NM_001114667.1	55.27
	TGCTCTCTCGTAAACTCTGGTAGC		58.31
LPL	CCAGCAGCATTATCCAGTGTC	NM_001009394.1	56.18
	CCCAAGAGATGCACATTACCC		55.99
PGC-1 α	GCGCCGTGTGATTACGTT	XM_015096414.3	56.49
	AAAAC TTCAAAGCGGTCTCTCAA		54.30
ACLY	ATGTCCTGTTCACCACGAG	XM_012185121.2	57.37
	TTCTTGATGTCCTCGGGATTC		54.21
ACC	GCCGTATGACCCTCGGTG	NM_001009256.1	59.19
	CGGGTATTCCTCCTAGCCTGG		60.01
β -actin	CAGTCGGTTGGATCGAGCAT	NM_001009784.3	57.67
	AGAAGGAGGGTGGCTTTTGG		57.83

PPAR γ , Peroxisome proliferator activated receptor gamma; FAS, Fatty acid synthetase; HSL, Hormone sensitive lipase; SCD, Stearoyl-CoA desaturase; MAPK, Mitogen-activated protein kinase; FABP4, Fatty acid binding protein 4; LPL, Lipoprotein lipase; PGC-1 α , Peroxisome proliferator-activated receptor- γ coactivator-1 α ; ACLY, ATP citrate lyase; ACC, Acetyl-CoA carboxylase.