

Table S1 Primer sequences used for semi-quantitative RT-PCR analysis

gene	Forward primer	Reverse primer
$\beta$ -actin	AACAGTCCGCCTAGAAGCAC	CGTTGACATCCGTAAAGACC
Ucp1	TCTCAGCCGGCTTAATGACTG	GGCTTGCACTCTGACCTTCAC
Pgc-1 $\alpha$	GAAAGGGCCAAACAGAGAGA	GTAAATCACACGGCGCTCTT
Prdm16	ACACGCCAGTTCTCCAACCTGT	TGCTTGTTGAGGGAGGAGGTA
Cidea	TCCTATGCTGCACAGATGACG	TGCTCTTCTGTATCGCCCAGT
Zfp423	CAGGCCCAACAAGAACAAG	GTATCCTCGCAGTAGTCGCACA
Fabp4	GATGAAATCACCGCAGACGAC	ATTCCACCACCAGCTTGTCAC
Leptin	TGAGTTTGTCCAAGATGGACC	GCCATCCAGGCTCTCTGG
Pparg	TGCTGTTATGGGTGAAACTCTG	CTGTGTCAACCATGGTAATTTCTT
Cox7a1	CAGCGTCATGGTCAGTCTGT	AGAAAACCGTGTGGCAGAGA