

ESM Table 2

Sequences of the primers used for RT-PCR.

Gene	Gene ID	Forward primer sequence	Reverse primer sequence	Amplicon size (bp)
<i>Actb</i>	NM_007393	AGCCTTCCTTCTTGGGTA	GAGCAATGATCTTGATCTTC	207
<i>Adrb1</i>	NM_007419	CAGCATTGAGACCTGTGTG	AGCACTTGGGGTCGTTGTAG	215
<i>Adrb2</i>	NM_007420	CGAGTGGTCATCCTGATG	GCAGAACTTGGAGGACC	345
<i>Adrb3</i>	NM_013462	TCCGTTTTTGCAGGACTTCT	ACGGTGAAACCCATTTGGTA	194
<i>Agrp</i>	NM_007427	GAGTTCACAGGTCTAAGTCTGAATG	ATCTAGCACCTCCGCCAAG	102
<i>Cd137</i>	NM_011612	CGTGCAGAACTCCTGTGATAAC	GTCCACCTATGCTGGAGAAGG	104
<i>Cd36</i>	NM_007643	TGGCCTTACTTGGGATTGG	CCAGTGTATATGTAGGCTCAT	211
<i>Dio2</i>	NM_010050	CCGCTCCAAGTCCACTCGCG	CGGCCCATCAGCGGTCTTC	197
<i>Leprb</i>	NM_146146	GAGCCTGAACCCATTTCAAGAAG	ACCATAGCTGCTGGGACCAT	80
<i>Npy</i>	NM_023456	TACTCCGCTCTGCGACACTA	TCITCAAGCCTTGTTCTGGG	134
<i>Pomc</i>	NM_008895	GGCTTGCAAACTCGACCTCT	TGACCCATGACGTACTTCCG	99
<i>Ppargc1a</i>	NM_008904	AATTCTCCCTTGATGTGAGA	TTACCTGCGCAAGCTTCTCTG	565
<i>Ppargc1b</i>	NM_133249	TGCCCCTACCAGAGCCCAACC	CATGCCGGACGCTTGGGGTT	166
<i>Prdm16</i>	NM_027504	AAGCAGCAACACGAGGGCGC	CCAGGTCTTGATCTCAGGCCGTTT	220
<i>Ptpn1</i>	NM_011201	AGCCACCAGTGGGTGAGCGA	TCCTCGGTGGGGACAGACGC	179
<i>Ptpn2</i>	NM_001127177	AGGGCTTCCTTCTAAGGTGCAGGA	AAAAGCAGTGTCCAGCCAACCA	237
<i>Sirt1</i>	NM_019812	GTAAGCGGCTTGAGGG	TTCGGGCCTCTCCGTA	130
<i>Socs3</i>	NM_007707	TGTCCGAAGACTGTCAACGG	GAAGAAGCCAATCTGCCCT	237
<i>Tbx1</i>	NM_011532	GGCAGGCAGACGAATGTTTC	TTGTCATCTACGGGCACAAAG	102
<i>Tfam</i>	NM_009360	AAGACCTCGTTCAGCATATAACATT	TTTTCCAAGCCTCATTTACAAGC	104
<i>Th</i>	NM_009377	AGGTCCGGGCCTTTGACCCA	GCGCCGGATGGTGTGAGGAC	209
<i>Tmem26</i>	NM_177794	ACCCTGTCATCCCAACAGAG	TGTTTGGTGGAGTCCTAAGGTC	120
<i>Ucp1</i>	NM_009463	TACAGAGTTATAGCCACCACA	CACAAACATGATGACGTTCCA	381
<i>Ucp2</i>	NM_011671	ACTGAGGGTCCACGCAACCT	ATGCCTGCATGCTCTGAGCCC	134
<i>Ucp3</i>	NM_009464	TAAACAGGTGAGACTCCAGCAACTT	ACTCCAGCGTCGCCATCAGGATTCT	300