

Supplementary Table 2: Primer sequences for RT-qPCR

<i>Gene</i>	Primer sequence	
<i>Acc1</i>	Forward	5'- TGTCCACCCAAGCATTCTTC -3'
	Reverse	5'- ATCCAACACCAGTTCAGTATACGT -3'
<i>Acs11</i>	Forward	5'-TGCCAGAGCTGATTGACATTC-3'
	Reverse	5'-GGCATAACCAGAAGGTGGTGAG-3'
<i>Adam10</i>	Forward	5'- GTGCCAAACGAGCAGTCTCA-3'
	Reverse	5'- ATTCGTAGGTTGAACTGTCTTCC-3'
<i>Apoc1</i>	Forward	5'-GGGCAGCCATTGAACATATC-3'
	Reverse	5'-ACCTGGCACATTACGTGGAT-3'
<i>Arf6</i>	Forward	5'- ATCTTCGGGAACAAGGAAATGC-3'
	Reverse	5'- GGATGGTGGTCACCGATTGG-3'
<i>Chop</i>	Forward	5'-ACCTTCACTACTCTTGACCCTG-3'
	Reverse	5'-GATGTGCGTGTGACCTCTGT-3'
<i>Cidea</i>	Forward	5'-CTCGGCTGTCTCAATGTCAA-3'
	Reverse	5'-CCGCATAGACCAGGAACTGT-3'
<i>Cntf</i>	Forward	5'- AGCAAGGAAGATTCGTTCCAGAC-3'
	Reverse	5'- TCAGTCATCTCACTCCAGCGA-3'
<i>Cox16b1</i>	Forward	5'- GGTGATGTCTCCGTGTGTGAG
	Reverse	5'- TGCCTTCAGCTATGCGGTC
<i>Cox17</i>	Forward	5'- TGCCCGGAAACCAAGAAGG
	Reverse	5'- AAATCCCAGTGCCCTCATGC
<i>Cpt1a</i>	Forward	5'-GAGACTTCCAACGCATGACA-3'
	Reverse	5'-ATGGGTTGGGGTGATGTAGA-3'
<i>Cxcl14</i>	Forward	5'- GAAGATGGTTATCGTCACCACC-3'
	Reverse	5'- CGTTCAGGCATTGTACCACT-3'
<i>Eif3e</i>	Forward	5'- ATGTGGTAATGGGCAACAATGC-3'
	Reverse	5'- TGGCCAACATTTGGCTTCTA-3'
<i>Glut1</i>	Forward	5'-GACGGGCCGCCTCATGTTGG -3'
	Reverse	5'-GCTCTCCGTAGCGGTGGTTCC -3'
<i>Glut4</i>	Forward	5'-CTATTCAACCAGCATCTTCGAG -3'
	Reverse	5'-CTACTAAGAGCACCGAGACC -3'
<i>Gpr120</i>	Forward	5'- CCCCTCTGCATCTTGTTCC -3'
	Reverse	5'- GATTTCTCCTATGCGGTTGG -3'
<i>Hsl</i>	Forward	5'- CGAGACAGGCCTCAGTGTGA -3'
	Reverse	5'- TCTGGGTCTATGGCGAATCG -3'
<i>Id3</i>	Forward	5'- CTGTCGGAACGTAGCCTGG
	Reverse	5'- GTGGTTCATGTCGTCCAAGAG
<i>Irs1</i>	Forward	5'-CGATGGCTTCTCAGACGTG-3'
	Reverse	5'-CAGCCCGCTTGTTGATGTTG-3'
<i>Irs2</i>	Forward	5'- AACCTGAAACCTAAGGGACTGG-3'
	Reverse	5'- CGGCGAATGTTCATAAGCTGC-3'
<i>Mex3c</i>	Forward	5'- TGTCACTGGACGGAAAGAAGA-3'
	Reverse	5'- TGCACGAATCATAGAAAAGTGCT-3'
<i>Mlxipl</i>	Forward	5'- CCCTCAGACACCCACATCTT -3'
	Reverse	5'- TCAGAAAGGGGTTGGGATCC -3'
<i>Ndufa1</i>	Forward	5'-GCCTTACCACCTGTGTCAAGT
	Reverse	5'- CCCATAGCTGTGAGTGCGAG
<i>Nr4a1</i>	Forward	5'- GAGTTCGGCAAGCCTACCAT
	Reverse	5'- GTGTACCCGTCCATGAAGGTG
<i>Pgc1α</i>	Forward	5'- GATGGCACGCAGCCCTAT -3'
	Reverse	5'- CTCGACACGGAGAGTTAAAGGAA -3'
<i>Pnrc2</i>	Forward	5'- GGTGGCGGAGAGAGGTATAAC-3'
	Reverse	5'- ATGAGCAATCTTCGTCTGGGA-3'

<i>Sdc4</i>	Forward Reverse	5'- GCTGGTGTACCGCATGAAGAA-3' 5'- ATGCGTAGAACTCATTGGTGG-3'
<i>Sema3c</i>	Forward Reverse	5'- ATGGCATTCCGGGCGATTT-3' 5'- GGTTTTGGTTTCTCGAAGCTCA-3'
<i>Sod1</i>	Forward Reverse	5'- AACCAGTTGTGTTGTCAGGAC 5'- CCACCATGTTTCTTAGAGTGAGG
<i>Sreb1c</i>	Forward Reverse	5'- ATGCCATGGGCAAGTACACA -3' 5'- ATAGCATCTCCTGCGCACTC -3'
<i>Stard4</i>	Forward Reverse	5'- GATGAGTGGCGAGTTGCCAA-3' 5'- TGGGCGGATATGGTCTATTACA-3'
<i>Tgif1</i>	Forward Reverse	5'- CTGTCAGCCGATTGGTGTG-3' 5'- TGGGTACACGAGAGAGGTGTC-3'
<i>Ucp2</i>	Forward Reverse	5'-CACTTTCCTCTGGATACCG-3' 5'-GCTCTGAGCCCTTGGTGTAG-3'
<i>Ucp3</i>	Forward Reverse	5'-CCTACGACATCATCAAGGAGAA-3' 5'-GCCACCATCTTCAGCATACA-3'