

Mfn2 is critical for brown adipose tissue thermogenic function

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- **Supplemental Table 1: Primers sequences for qPCR analyses**

Supplemental Table S1

gene	sequence
<i>b-2-microglobuline</i>	F ATGGGAAGCCGAACATACTG
	R CAGTCTCAGTGGGGTGAAT
<i>cyclophilin</i>	F CAGGGGAGATGGCACAGGAG
	R CGGCTGTCTGTCTTGGTCTCTCC
<i>Mfn2</i>	F ACGTCAAAGGGTACCTGTCCA
	R CAATCCCAGATGGCAGAAGCTT
<i>Mfn1</i>	F AGGGGACCGATGGAGATAAAG
	R AAGAGGGCACATTTTGCCTTG
<i>ucp1</i>	F CTTTGCTCAGTCAAGGATTGG
	R ACTGCCACACCTCCAGTCAAT
<i>cidea</i>	F TGCTCTTCTGTATCGCCAGT
	R GCCGTGTTAAGGAATCTGCTG
<i>prdm16</i>	F TGGCCTTCATCACCTCTCTGAA
	R TTTCTGATCCACGGCTCCTGTGA
<i>Dio2</i>	F AGAGTGGAGGCGCATGCT
	R GGCATCTAGGAGGAAGCTGTTC
<i>pparg</i>	F ATGGGTGAAACTCTGGGAGATTCT
	R CTTGGAGCTTCAGGTCAATTTGTA
<i>ACC1</i>	F GACAGACTGATCGCAGAGAAAG
	R TGGAGAGCCCCACACACA
<i>ACC2</i>	F CCCAGCCGAGTTTGTCACT
	R GGGCATGAGCACCTTCTCTA
<i>FAS</i>	F TTCCAAGACGAAAATGATGC
	R AATTGTGGGATCAGGAGAGC
<i>mcad</i>	F GGCCATTAAGACCAAGCAGA
	R GTGTCGGCTTCCACAATGAAT
<i>lcad</i>	F GTAGCTTATGAATGTGTGCAACTC
	R GTCTTGCGATCAGCTCTTTCATTA
<i>cpt1</i>	F CCCATGTGCTCCTACCAGAT
	R CCTTGAAGAAGCGACCTTTG
<i>cpt2</i>	F AGCCAGTTCAGGAAGACAGA
	R GACAGAGTCTCGAGCAGTTA
<i>ACO</i>	F ACCGCCTATGCCCTCCACTTTC
	R GCAAGCCATCCGACATTCTTCG
<i>ppara</i>	F AGGAAGCCGTTCTGTGACAT
	R TTGAAGGAGCTTTGGGAAGA

<i>NduFa2</i>	F GCACACATTTCCCACACTG
	R CCCAACCTGCCATTCTGAT
<i>ATG5g1</i>	F GCTGCTTGAGAGATGGGTTTC
	R AGTTGGTGTGGCTGGATCA
<i>cytochrome c</i>	F TCCATCAGGGTATCCTCTCC
	R GGAGGCAAGCATAAGACTGG
<i>SDHb</i>	F GGACCTATGGTGTGGATGC
	R GTGTGCACGCCAGAGATTG
<i>HK I</i>	F CGGAATGGGGAGCCTTTGG
	R GCCTTCCTTATCCGTTTCAATGG
<i>HIF1a</i>	F ACCTTCATCGGAACTCCAAAG
	R CTGTTAGGCTGGGAAAAGTTAGG
<i>GK</i>	F CCT GGG CTT CAC CTT CTC CTT
	R GAG GCC TTG AAG CCC TTG GT
<i>L-PK</i>	F GGGCCGCATCTACATTGAC
	R GTCCCTCTGGGCCAATTTT
<i>G6Pase</i>	F CCGGATCTACCTTGTCTCACTTT
	R TAGCAGGTAGAATCCAAGCGGAAAC
<i>PEPCK</i>	F CCACAGCTGTGAGAAACA
	R GAAGGGTCGCATGGCAA
<i>IL1</i>	F GCAACTGTTCTGAACTCAACT
	R ATCTTTTGGGGTCCGTCAACT
<i>TNFa</i>	F GGATTATGGCTCAGGGTCCA
	R ACATTGAGGCTCCAGTGAA
<i>HGF</i>	F TCAAGGCCAAGGAGAAGGTT
	R ACTCGGATGTTTGGGTCAGT
<i>ATF4</i>	F CCTGAACAGCGAAGTGTGG
	R TGGAGAACCATGAGGTTTCAA
<i>AFT6</i>	F AACCGAGAGTCTGCTTGCA
	R AGCCTCTGGTTCTCTGACAC
<i>Bip</i>	F GACTGCTGAGGCGTATTTGG
	R AGCATCTTTGGTTGCTTGTCG
<i>xbp1</i>	F AGCAGCAAGTGGTGGATTGG
	R GAGTTTTCTCCGTAAGGCTGA
<i>FGF21</i>	F CCTCTAGGTTTCTTTGCCAAC
	R CTGGTACACATTGTAACCGTC

Table S1: Primers sequences for qPCR analyses.