

Table S1. The sequences of oligonucleotide primers.

Gene Name	NCBI accession NO.	Forward Primer(5'→3') Reverse Primer(5'→3')	Product length (bp)
<i>Actb</i>	NM_007393.5	GTGACGTTGACATCCGTAAAGA GCCGGACTCATCGTACTCC	245
<i>Gapdh</i>	NM_001289726.1	CGTGCCGCCTGGAGAAACCTG AGAGTGGGAGTTGCTGTTGAAGTCG	140
<i>Sirt1</i>	NM_019812	TGATTGGCACCGATCCTCG CCACAGCGTCATATCATCCAG	86
<i>Tfam</i>	NM_009360.4	AACACCCAGATGCAAAACTTTCA GACTTGGAGTTAGCTGCTCTTT	162
<i>Pgc1a</i>	NM_008904.2	ATACCGCAAAGAGCACGAGAA CTCAAGAGCAGCGAAAGCGTCACA	253
<i>Nrf1</i>	NM_001164226.1	TATGGCGGAAGTAATGAAAGACG CAACGTAAGCTCTGCCTTGTT	101
<i>Nrf2</i>	NM_010902.4	CTTTAGTCAGCGACAGAAGGAC AGGCATCTTGTTTGGGAATGTG	227
<i>Mfn1</i>	NM_024200.4	CCTACTGCTCCTTCTAACCCA AGGGACGCCAATCCTGTGA	86
<i>Mfn2</i>	NM_133201.3	CTGGGGACCGGATCTTCTTC CTGCCTCTCGAAATTCTGAAACT	143
<i>Opal</i>	NM_133752.3	TGAAAAATGGTTCGAGAGTCAG CATTCCGTCTCTAGGTTAAAGCG	77
<i>Drp1</i>	NM_152816.3	ACCGGGAATGACCAAAGTACC TGGGATTACTGATGAACCGAAGA	92
<i>Fis1</i>	NM_025562.3	AGAGCACGCAATTTGAATATGCC ATAGTCCCCTGTTCCCTCTTT	125
<i>Acsl4</i>	NM_001318509.2	CTCACCATTATATTGCTGCCTGT TCTCTTTGCCATAGCGTTTTTCT	114
<i>Ptgs2</i>	NM_000963.4	CACACTGCTGGTCATCAAGAT TCACTCCTGTAATACTGGAGGC	126
<i>Fth1</i>	NM_022500.4	AGGGCGTAGGCCACTTCTT CTGGGTTTTACCCCATTCATCTT	146
<i>Tfrc</i>	NM_001128148.3	GTTTCTGCCAGCCCCTTATTAT GCAAGGAAAGGATATGCAGCA	152
<i>Slc7a11</i>	NM_014331.4	AGGGCATACTCCAGAACACG GGACCAAAGACCTCCAGAAT G	160
<i>Slc3a2</i>	NM_001012662.3	TGATGAATGCACCCTTGTACT TG GCTCCCCAGTGAAAGTGGA	183
<i>Gpx4</i>	NM_001039847.3	GCCTGGATAAGTACAGGGGTT CATGCAGATCGACTAGCTGAG	99

