

Supplemental Table A1. Primers Sequence

<i>Gene</i>	<i>Gene Accession number</i>	<i>Primer Sequence</i>
<i>B2m</i>	NM_012512.2	F: 5'-GCGTGGGACGAGCATCAGGG -3' R: 5'-CTCATCACCACCCCGGGACT -3'
<i>Cox4/2</i>	NM_053472	F: 5'-CACAGCCCAGGAAGTGCTGCTA-3' R: 5'-TGTGCAGTAAGGCTCATCCGGC-3'
<i>Cyp11a1</i>	NM_017286.2	F: 5'-CAAAACACCACGCACTTCC-3' R: 5'-TCAATTCTGAAGTTTTCCAGCA-3'
<i>Cytc</i>	NM_012839	F: 5'-GCAAGCATAAGACTGGACCAAA-3' R: 5'-TTGTTGGCATCTGTGTAAGAGAATC-3'
<i>Drp1</i>	NM_053655.3	F: 5'-AGCAGAAGAATGGGGTAAATTTCTT -3' R: 5'- GCTCAGGGCTTACTCCCTTATT -3'
<i>Fis1</i>	NM_001105919.1	F: 5'-ACGCCTGCCGTTACTTCTTC-3' R: 5'-GCAACCCTGCAATCCTTCAC-3'
<i>Gapdh</i>	NM_017008	F: 5'-TGCCAAGTATGATGACATCAAGAAG-3' R: 5'-AGCCCAGGATGCCCTTTAGT-3'
<i>Mfn1</i>	NM_138976.1	F: 5'-CCTTGTACATCGATTCCTGGGTTC-3' R: 5'-CCTGGGCTGCATTATCTGGTG-3'
<i>Mfn2</i>	XM_008764288.2	F: 5'-TCAAGCGCCAGTTTGTGGAG-3' R: 5'-CACAGATGAGCAAATGTCCCAGA-3'
<i>mtNdl</i>	NC_001665.2:2740-3694	F: 5'-GCGTGGGAGGAGCATCAGGG-3' R:5'-GCCAATGGTCCTGCGGCGT-3'
<i>Nrf1</i>	NM_001100708	F: 5'-GACCATCCAGACGACGCAAGCA-3' R: 5'-ATGGGCGGCAGCTTCACTGTT-3'
<i>Nrf2a</i>	NM_001108841	F: 5'-AGCGGAACTGAACCGCTTGGT-3' R: 5'-GTGACTGGCTGAGCAATCCCGT-3'
<i>Opa1</i>	NM_133585.3	F: 5'-AAAAGCCCTTCCCAGTTCAGA-3' R: 5'-TACCCGCAGTGAAGAAATCCTT-3'
<i>Pink1</i>	NM_001106694.1	F: 5' CAAGCAAGTGTCTGACCCAC 3' R: 5' GCTTCATACACAGCGGCATT 3'
<i>Pprgc1a</i>	NM_031347	F: 5'-AGCCGTAGGCCCAGGTATGACA-3' R: 5'-TGCTTGGCCCTTTCAGACTCCC-3'
<i>Prkn</i>	NM_020093.1	F: 5' CTTCCAGCTCAAGGAAGTGG 3' R: 5' CAGAGGCATTTGTTTCGTGA 3'

<i>Star</i>	NM_031558	F: 5'-AGCCAGCAGGAGAATGGAGAT-3' R: 5'-CACCTCCAGTCGGAACACCTT-3'
<i>Tfam</i>	NM_031326	F: 5'-TATAGTCGTCGGCCCGAGGGAT-3' R: 5'-AAGGCTGACAGGCGAGGGTATG-3'
<i>Tfeb</i>	NM_001025707.1	F: 5'-CGACAACATTATGCGCCTGG-3' R: 5'-CTGTACACGTTTCAGGTGGCT-3'
<i>Ucp2</i>	NM_019354	F: 5'-ACGACCTCCCTTGCCACTTAC-3' R: 5'-GGTACTGGCCCAAGGCAGAGTT-3'