

**Table S1 Sequences of Primers for Genes**

<b>Gene</b>	<b>Sequence (5'→3')</b>	<b>T<sub>m</sub>, °C</b>	<b>Amplicon size, bp</b>
<i>ZO-1</i>	F: AGCGAACAGAAGGAGCG R: CTGCCAAACTATCTTGTGAAA	56.6	215
<i>Occludin</i>	F: GGTCTCTACGTGGATCAATATTTGTA R: AACCCCAGGACAATGGCTA	60.0	77
<i>Claudin-1</i>	F: AGCACCGGGCAGATACAGT R: GCCAATTACCATCAAGGCTCG	62.2	90
<i>E-cadherin</i>	F: CAGGTCTCCTCATGGCTTTGC R: CTTCCGAAAAGAAGGCTGTCC	62.0	175
<i>IL-1β</i>	F: TTGACGGACCCCAAAGAT R: AGCTGGATGCTCTCATCAGG	60.4	73
<i>IL-6</i>	F: CCAAGAGGTGAGTGCTTCCC R: CTGTTGTTCACTCTCTCCCT	61.5	118
<i>IL-10</i>	F: GCTCTTACTGACTGGCATGAG R: CGCAGCTCTAGGAGCATGTG	61.5	105
<i>IFN-γ</i>	F: ATGAACGCTACACACTGCATC R: CCATCCTTTTGCCAGTTCCTC	60.8	182
<i>TNF-α</i>	F: CATCTGAACTTCGGGGTGAT R: CAGGCTTGTCACTCGAATT	58.2	127
<i>DRP1</i>	F: CGTAGTGGGAACTCAGAGCA R: TGGACCAGCTGCAGAATAAG	58.35	120
<i>FIS1</i>	F: TGTCCAAGAGCACGCAATTTG R: CCTCGCACATACTTTAGAGCCTT	61.8	199
<i>OPA1</i>	F: TGGAAAATGGTTCGAGAGTCAG R: CATTCCGTCTCTAGGTTAAAGCG	60.3	77
<i>MFN1</i>	F: CCTACTGCTCCTTCTAACCCA R: AGGGACGCCAATCCTGTGA	81.6	86
<i>MFN2</i>	F: CTGGGGACCGGATCTTCTTC R: CTGCCTCTCGAAATTCTGAAACT	60.8	143
<i>TFRC</i>	F: GTTTCTGCCAGCCCCTTATTAT R: GCAAGGAAAGGATATGCAGCA	60.4	152
<i>GPX4</i>	F: GCCTGGATAAGTACAGGGGTT R: CATGCAGATCGACTAGCTGAG	60.4	99
<i>DHODH</i>	F: GGCCATAAATTCCGAAATCCAG R: TAATAACAGCTTGGTCCTCAGG	61	181
<i>COQ2</i>	F: ACAAGCCCATAGGAACCTGG R: CTCCACGCATCAGAATAGCTC	60.8	132
<i>GAPDH</i>	F: AGGTCGGTGTGAACGGATTTG R: TGTAGACCATGTAGTTGAGGTCA	61.4	123