**Table S1**. **Primers used for real-time PCR.**

|  |  |
| --- | --- |
| **GENES** | **PRIMERS: 5' to 3'** |
| *\*MFN1F* | CTCCAGCAACGCCAGATAATGC |
| *\*MFN1R* | ACTTGTTGGCACAGGCGAGC |
| *\*MFN2F* | GGATGCTGATGTGTTTGTGCTGG |
| *\*MFN2R* | AGTCCATGATGAGTCGAACCGC |
| *\*FIS1F* | CGAGCTGGTGTCTGTGGAGGACC |
| *\*FIS1R* | TGTCAATGAGCCGCTCCAGTTCC |
| *\*DRP1F* | AACTTGATCTCATGGATGCGGG |
| *\*DRP1R* | ATGAACCAGTTCCACACAGCGG |
| *ATG16L1F* | TGTGCGATGCCCTTGGTGCTTTAGT |
| *ATG16L1R* | ACCCAATGAACTAAAACTTTATACG |

\*Jendrach M, Mai S, Pohl S, Vöth M, Bereiter-Hahn J (2008) Short- and long-term alterations of mitochondrial morphology, dynamics and mtDNA after transient oxidative stress. Mitochondrion 8: 293-304.