**Table S2. Primer pairs for real-time PCR**

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| Gene | Primer sequence (5’ - 3’) | Product size (bp) | Accession number |
| *18S* | F: ATAACGAACGAGACTCTGGCA | 136 | AF173612.1 |
| R: CGGACATCTAAGGGCATCACA |
| *ND4* | F: CCAACCACCAACCTGATAGC | 157 | KM433666.1 |
| R: TGTGGGATGGAAGAGTGCC |
| *NRF1* | F: TGGCACTTAACAGTGAAGCA | 174 | XM\_015282769.2 |
| R: CGGTCTGGTACATGCTGAC |
| *NRF2* | F: ACGGTGACACAGGAACAACA | 279 | NM\_205117.1 |
| R: GCACACTCCCAGGAGAACTG |
| *PGC-1α* | F: CATCTCCAGCCAGTACAGCA | 177 | NM\_001006457.1 |
| R: GCGTCATGTTCATTGGTCAC |
| *Tfam* | F: CCAGCAGAACCCAGAACTGA | 146 | NM\_204100.1 |
| F: TGTATGCAGCCAACTGCTCT |
| *OPA1* | F: TCCTGATGCCGATGACCTTG | 126 | XM\_015291400.2 |
| R: TGGTCCGTAGCTCTGAATGC |
| *MFN1* | F: ATCGTTGTTGGCGGAGTGAT | 160 | NM\_001012931.2 |
| R: TTTCGGTCGCGTAGTTCACA |
| *MFN2* | F: AGAGCAAAGCAGATCGCAGA | 242 | XM\_015297206.2 |
| R: AGCACTGAAAGCCGTCTGAT |
| *β-actin* | F: GATATTGCTGCGCTCGTTGT | 152 | NM\_205518 |
| R: AACCATCACACCCTGATGTCT |