**Supplement Table 1** Primers for RT-qPCR analysis in *Pelodiscus sinensis*.

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| **Gene name** | **Sense primer (5'-3')** | **Antisense primer (5'-3')** |
| *MFN1* | GCCGATGTCTTTGTTTTGGT | GAGCTCGTCAACAAGGAAGG |
| *MFN2* | CAGAGGGTTTATTGCCTGGA | TGGATGGAAATCCATTTGGT |
| *OPA1* | GTGGACATCAAGCTGAAGCA | TCTTCCAAAGCATTGTGCTG |
| *DRP1* | TGGCTAAATGCAGACAATGG | ATCTGACCCCTTCCACCTCT |
| *FIS1* | GAGTACGCTTGGTGCCTTGT | GGCTCTGTTTTCAGCAGTCC |
| *MAP1LC3B* | GATGTGCGACTGATTCGAGA | ATAGGGGTTGACACGCTCAC |
| *SQSTM1* | GGTGCTAGAGCCTCCTTCCT | GGGGAACCTGATATGGGTCT |
| *β-actin* | AGACCCGACAGACTACCTCA | CACCTGACCATCAGGCAACT |