**Table 1:** Primer sequences

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| **Gene (Protein)** | **Forward (5′-3′)** | **Reverse (5′-3′)** |
| *OPA1* (Opa1) | GGAAATGATTGCCCAAGCTC | ATGGTCTCAGGGCTAACGGT |
| *MFN1* (Mitofusin1) | ATCAACTGGCCCATGCCCTTCAC | TGTGCTGTCTGCGTACGTCTTCCA |
| *MFN2* (Mitofusin2) | CGTTGTACCAGCTTCCTGG | GCTCAAACTTGGTCTTCACTGC |
| *FIS1* (Fission1) | TGTCCAAGAGCACGCAGT | GCCTTGTCAATGAGCCGCT |
| *DNM1L* (Drp1) | AGAAAATGGGGTGGAAGCAGA | AGGCACCTTGGTCATTCCTG |
| *MAP1LC3* (LC3) | CAGCAAAATCCCGGTGATC | TCGTAGATGTCCGCGATG |
| *ATG7* (Atg7) | CAAACCACCCTGTGGCATC | AATCACGGCCAGTCCTGGA |
| *ULK1* (Ulk1) | GCAGAGTTTTGCTGGGTGTGT | TTGTGCTCAAAGCGCAGG |
| *GABARAP* (Gabarap) | CTCGGATAGGAGACCTGGA | ACACTTTCGTCACTGTAGGCA |
| *BECN1* (Beclin1) | CCCTGAAACTGGACACGAG | TGAATCTGCGAGAGACACC |
| *CALCOCO2* (Ndp52) | CTACTCAAATGGAGGAGCCA | CTCATTTTCTGGACGGAATTGG |
| *PINK1* (Pink1) | TCAATCCCTTCTACGGCCAGG | ATTTGCGGCTACTCGGGCA |
| *PARK2* (Parkin) | TTCCAAACCGGATGAGTGGTG | CGATCATTGAGTCTTGTCACACAG |
| *BNIP3* (Bnip3) | TAAACACCCGAAGCGCAC | AGCTATGTTGCAAGCTCAGA |
| *BNIP3L* (Nix) | AATGTCGTCCCACCTAGTCG | GAGGATGGTACGTGTTCCAGC |
| *FUNDC1* (Fundc1) | CCCAAGACTATGAAAGTGATGACG | GAAAGCCACCACCTACTGCA |
| *OPTN* (Optineurin) | AGACCTGTTGGGCATCGTGT | CCAGTGGAGACTGTTCTCGTGG |
| *SQSTM1* (p62, Sequestosome) | TGTGGTAGGAACCCGCTAC | AGTTTCCTGGTGGACCCA |
| *MUL1* (Mul1) | GGCTGACACTTCAGGAGCACA | CACTGAGTCCAGGGGCTTCA |
| *ARIH1* (Arih1) | TGGAAGAAGGCATGGGTCA | CCACATTTGCAGCGAACAG |
| *GAPDH* (Gapdh) | AGGTGAAGGTCGGAGTCA | CGTTCTCAGCCTTGACGGT |