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| **Gene** | **Primer** | **Primer sequence** |
| ND2 | SL-1 | 5’-ATAGAGGTTCAAACCCTCTC-3’ |
|  | SL-2 | 5’-TTAAAGTGTCTGGGTTGCATTCAG-3’ |
| 16S | p7 | 5'-CgCCTgTTTACCAAAAACAT-3’ |
|  | p8 | 5'-CCggTCTgAACTCAgATCACgT-3’ |
| NCX1 | NCX-1\_F1 | 5'-GTGGAGGTCTGGGAAAGCAT-3' |
|  | NCX-1\_R1 | 5'-ACACTGATACGTGGCTTGCT-3' |
| BNDF | BDNF\_F1 | 5'-ACCATCCTTTTCCTKACTATGG-3' |
|  | BDNF\_R1 | 5'-CTATCTTCCCCTTTTAATGGTC-3' |