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| Fragment No. | Gene orregion | Primername | Sequence (5’-3’) | Length(bp) |
| F1 | *nad5* | HEF1 | CTGGCTACTATATGGTTG | 571 |
| HER1 | CTTAACAGGAAATGCTTAG |
| F2 | *nad5-cytb* | HEF2 | GTAATGAGCGGAAGAGGAGG | 2439 |
| HER2 | CAAAACCAAGACACACATGTG |
| F3 | *cytb* | HEF3 | CGTATTGGGCTGCTACTG | 445 |
| HER3 | GACTCTATGCATCGAAGC |
| F4 | *cytb-nad4* | HEF4 | GTTATGGTCAGGTTCCTAC | 1133 |
| HER4 | GATAAACACTGCAGCATAACC |
| F5 | *nad4* | HEF5 | CGAGATTCTCCTTACTCTG | 457 |
| HER5 | GTACCACAATATGTGACAG |
| F6 | *nad4-atp6* | HEF6 | CGGTGTAGTCCTTTCTTG | 1405 |
| HER6 | CACCAAAGAACAAGCTACAC |
| F7 | *atp6-nad1* | HEF7 | GTTGCGTTAGTGCACTGG | 1274 |
| HER7 | GGACCCTTTCGAGCTTGTG |
| F8 | *nad1-cox1* | HEF8 | GGCTTATGCCAAGTCACTTC | 2497 |
| HER8 | CCCAAATACATCTGGGGC |
| F9 | *cox1* | HEF9 | GACCCTGTACTGTTTCAGC | 695 |
| HER9 | CCTATCGAACACACAACG |
| F10 | *cox1-rrnS* | HEF10 | CAGTGTCAGTGCATACTTTC | 1805 |
| HER10 | GGGGTATCTAATCCCTGTC |
| F11 | *rrnS* | HEF11 | GACACAGTGCCAGCATCCG | 566 |
| HER11 | GAGAAAATCTAGCTAAGC |
| F12 | *rrnS-nad5* | HEF12 | GGACTCAGAAGTAATAGTG | 2473 |
| HER12 | CATATCGTAACGCATGGC |
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