Table S2 The nucleotide substitution models selected for mitochondrial data.

|  |  |  |  |
| --- | --- | --- | --- |
| **Subset** | **Gene** | **Length (bp)** | **Best Model** |
| **Dataset1** |  |  |  |
|  | 12S | 979 | TIM3+F+R2 |
|  | 16S | 1608 | TN+F+I |
|  | ND1 | 978 | TPM2+F+I |
|  | ND2 | 1041 | K3Pu+F+G4 |
|  | COI | 1551 | TIM2+F+G4 |
|  | COII | 684 | TIM2+F+G4 |
|  | ATP8 | 168 | TN+F+I |
|  | ND4 | 1378 | TIM2+F+R3 |
|  | ATP6 | 684 | TIM2+F+R3 |
|  | COIII | 784 | TIM2+F+I+G4 |
|  | Cyt *b* | 1143 | TIM2+F+I+G4 |
|  | ND3 | 351 | TPM2+F+G4 |
|  | ND4L | 297 | TPM2+F+I |
|  | ND5 | 1816 | TPM2+F+I |
|  | ND6 | 522 | TIM3+F+I+G4 |
| **Dataset2** |  |  |  |
|  | 12S rRNA, | 617 | TIM2+F+I+G4 |
|  | COⅠ | 621 | TIM2+F+R3 |
|  | Cyt *b* | 1005 | TIM2+F+I+G4 |