**Table S4.**  Number of characters contributed by each genetic marker. Protein coding genes were partitioned by 1st + 2nd and 3rd codon position. P-U = Parsimony uninformative, P-I = Parsimony informative

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | Codon position | #Sites | #Constant | #P-U | #P-I | % P-I | Best Model by jModelTest | I | G | -lnL  |
| *COI* | 1st + 2nd | 434 | 405 | 16 | 13 | 3 | HKY+I | 0.879 | - | 815.4663 |
|  | 3rd | 217 | 21 | 43 | 153 | 70.51 | HKY+G | - | 1.328 | 1700.22 |
| cytochrome *b* | 1st + 2nd | 308 | 281 | 19 | 8 | 2.6 | GTR+I | 0.633 | - | 585.9901 |
|  | 3rd | 154 | 24 | 44 | 86 | 55.84 | GTR+G | - | 1.033 | 902.8645 |
| 12S | All | 316 | 198 | 41 | 77 | 24.37 | GTR+I+G | 0.325 | 0.5 | 1575.592 |
| 16S | All | 490 | 299 | 60 | 131 | 26.73 | GTR+I+G | 0.403 | 0.493 | 2681.316 |
| TMO-4C4 | 1st + 2nd | 242 | 227 | 11 | 4 | 1.65 | HKY+G | - | 0.024 | 427.0514 |
|  | 3rd | 122 | 83 | 25 | 14 | 11.48 | HKY | - | - | 362.7098 |
| RAG-1 | 1st + 2nd | 956 | 928 | 24 | 4 | 0.42 | HKY | - | - | 1520.638 |
|  | 3rd | 478 | 371 | 93 | 14 | 2.93 | HKY | - | - | 1192.04 |