**Table S1** Partitioning schemes and nucleotide substitution models for concatenated data set determined using PartitionFinder, version 2.1.1

|  |  |  |  |
| --- | --- | --- | --- |
| **Subset** | **Best Model** | **Subset Partitions**  | **Subset Sites** |
| 1 | TVM+I+G  | D-Loop | 1-687  |
| 2 | HKY+I+G  | Cytb position 1, COI position 1  | 688-1327\3, 1328-1921\3  |
| 3 | GTR+G  | Cytb position 2, COI position 2  | 689-1327\3, 1329-1921\3  |
| 4 | K81+I+G  | Cytb position 3, POMC position 1  | 690-1327\3, 1922-2487\3  |
| 5 | TrNef+G  | COI position 3  | 1330-1921\3  |
| 6 | F81+I+G  | POMC position 2  | 1923-2487\3  |
| 7 | SYM+I+G  | POMC position 3  | 1924-2487\3  |
| 8 | HKY+G  | CRYBA1  | 2488-2776  |