**Table S1**.The selected model in each data set for the maximum likelihood (ML) and Bayesian inference (BI) analyses.

|  |  |  |
| --- | --- | --- |
| Data set | ML | BI |
| *rbc*L (1st codon) | GTR+G | GTR+G |
| *rbc*L (2nd codon) | GTR+G | JC69+G |
| *rbc*L (3rd codon) | TIM+G | GTR+G |
| LSU rDNA | GTR+G | GTR+G |
| COI (1st codon) | GTR+G | GTR+G |
| COI (2nd codon) | F81+G | F81+G |
| COI (3rd codon) | J2+G | HKY85+G |