

Table S1. Gene information and evolutionary models selected by jModelTest for BI and ML phylogenetic analyses.

Gene region	Genome: Gene Type	Position in data set	Evolutionary Model
COI 1 st position	Mt: Protein-Coding	2-1474\3	HKY+I+G
COI 2 nd position	Mt: Protein-Coding	3-1474\3	HKY+I+G
COI 3 rd position	Mt: Protein-Coding	1-1474\3	K80+I+G
COII 1 st position	Mt: Protein-Coding	1475-2155\3	GTR+G
COII 2 nd position	Mt: Protein-Coding	1476-2155\3	GTR+G
COII 3 rd position	Mt: Protein-Coding	1477-2155\3	HKY+G
16S	Mt: Ribosomal	3251-3676	HKY+I+G
28S	Nu: Ribosomal	2156-3250	GTR+I+G
Ef1 α 1 st position	Nu: Protein-Coding	3679-4552\3	HKY+G
Ef1 α 2 nd position	Nu: Protein-Coding	3677-4552\3	JC+I
Ef1 α 3 rd position	Nu: Protein-Coding	3678-4552\3	GTR+G