

Table S1. Best-fit models and partitioning schemes selected by PartitionFinder 2.

(a) for BI

Partition No.	Partition identity	Subset	Length (bp)	Best Model
P1	<i>ATP6</i>	1-681	681	GTR+I+G
P2	<i>ATP8</i>	682-846	165	GTR+I+G
P3	<i>COI</i>	847-2403	1557	GTR+I+G
P4	<i>COII</i>	2404-3090	687	GTR+I+G
P5	<i>COIII</i>	3091-3882	792	GTR+I+G
P6	<i>CYTB</i>	3883-5022	1140	GTR+I+G
P7	<i>ND1, ND4L, ND3, ND5</i>	5023-5991,7375-7668 7030-7374,9055-10881	3435	GTR+I+G
P8	<i>ND2</i>	5992-7029	1038	GTR+I+G
P9	<i>ND4</i>	7669-9054	1386	GTR+I+G
P10	<i>ND6</i>	10882-11409	528	GTR+I+G

(b) for ML

Partition No.	Partition identity	Subset	Length (bp)	Best Model
P1	<i>ATP6</i>	1-681	681	TVM+I+G
P2	<i>ATP8</i>	682-846	165	GTR+I+G
P3	<i>COI</i>	847-2403	1557	GTR+I+G
P4	<i>COII</i>	2404-3090	687	GTR+I+G
P5	<i>COIII</i>	3091-3882	792	GTR+I+G
P6	<i>CYTB</i>	3883-5022	1140	GTR+I+G
P7	<i>ND1, ND4L, ND3, ND5</i>	5023-5991,7375-7668 7030-7374,9055-10881	3435	GTR+I+G
P8	<i>ND2</i>	5992-7029	1038	GTR+I+G
P9	<i>ND4</i>	7669-9054	1386	GTR+I+G
P10	<i>ND6</i>	10882-11409	528	GTR+I+G