

**Table S2.** The partition schemes and best-fit models selected

Nucleotide sequence alignments		
Subset	Subset partitions	Best model
Partition 1	<i>COX2_codon1, COX3_codon1, ATP6_codon1, Cyt b_codon1</i>	GTR+I+G
Partition 2	<i>COX1_codon2, COX2_codon2, ATP6_codon2, COX3_codon2, Cyt b_codon2</i>	GTR+I+G
Partition 3	<i>COX3_codon3, ND3_codon3, ND6_codon3, ATP6_codon3, ATP8_codon3</i>	TRN+I+G
Partition 4	<i>ATP8_codon1, ND6_codon1, ND2_codon1</i>	GTR+I+G
Partition 5	<i>ATP8_codon2, ND3_codon2, ND2_codon2, ND6_codon2</i>	GTR+G
Partition 6	<i>COX1_codon1</i>	GTR+I+G
Partition 7	<i>COX1_codon3</i>	HKY+I+G
Partition 8	<i>COX2_codon3, Cyt b_codon3</i>	GTR+I+G
Partition 9	<i>ND4L_codon1, ND3_codon1, ND5_codon1, ND1_codon1, ND4_codon1</i>	GTR+I+G
Partition 10	<i>ND4L_codon2, ND1_codon2, ND5_codon2, ND4_codon2</i>	GTR+I+G
Partition 11	<i>ND4_codon3, ND1_codon3, ND5_codon3, ND4L_codon3</i>	GTR+I+G
Partition 12	<i>ND2_codon3</i>	TIM+G