

# Supplementary Materials

Table S1. Best fit partitions and substitution models.

			Set Partition (Conducted by PartitionFinder 2)	Best Model for BI (Selected by PartitionFinder 2)	Best Model for ML (Selected by ModelFinder)
Best	Partition CDS (BIC= 262977.02)	genes	<i>Atp6</i> 1th	TRN+G	TN+F+G4:
			<i>Atp6</i> 2th	HKY	TPM3u+F+G4
			<i>Atp6</i> 3th	TRN+G	TN+F+G4
			<i>Cox1-2-3</i> 1th	TRN+G	TIM2+F+G4
			<i>Cox1-2-3</i> 2th	GTR+G	GTR+F+G4
			<i>Cox1-2-3</i> 3th	TRN+I+G	TIM+F+G4
			<i>Cytb</i> 1th	TRN+G	TN+F+G4
			<i>Cytb</i> 2th	TVM+G	TVM+F+G4
			<i>Cytb</i> 3th	TRN+I+G	TN+F+G4
			<i>Nad1-2-3-4-4L-5-6</i> 1th	GTR+I+G	TIM2+F+I+G4
			<i>Nad1-2-3-4-4L-5-6</i> 2th	TVM+G	TVM+F+G4
			<i>Nad1-2-3-4-4L-5-6</i> 3th	TRN+I+G	TN+F+G4