

Table S3. Best-fit models chosen under Akaike Information Criterion by Modeltest for each of the 13 PCGs.

Gene	Best-fit model
<i>Atp6</i>	GTR+I
<i>Atp8</i>	GTR+I
<i>Cox1</i>	GTR+I+G
<i>Cox2</i>	TVMef+G
<i>Cox3</i>	TIM2+G
<i>Cob</i>	TrN+G
<i>Nad1</i>	TPM1uf+I
<i>Nad2</i>	TVM+G
<i>Nad3</i>	TPM1uf+I
<i>Nad4</i>	TIM3+G
<i>Nad4l</i>	F81
<i>Nad5</i>	TIM1+I+G
<i>Nad6</i>	TPM1uf+G