

Supplementary data:



Figure 1. *T. tor* species.

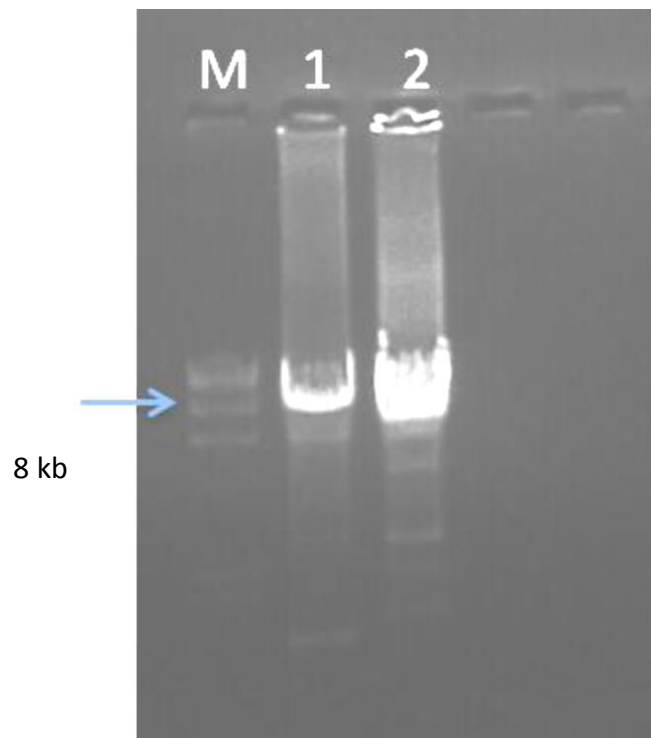


Figure 2. Long PCR products of mitochondrial DNA from the fish *T. tor*. Lane 1, amplified product using L-12321-Leu and S-LA-16S-H primers. Lane 2, amplified product using H-12321-Leu and S-LA-16S-L primers. Lane M, 1-Kb DNA ladder.

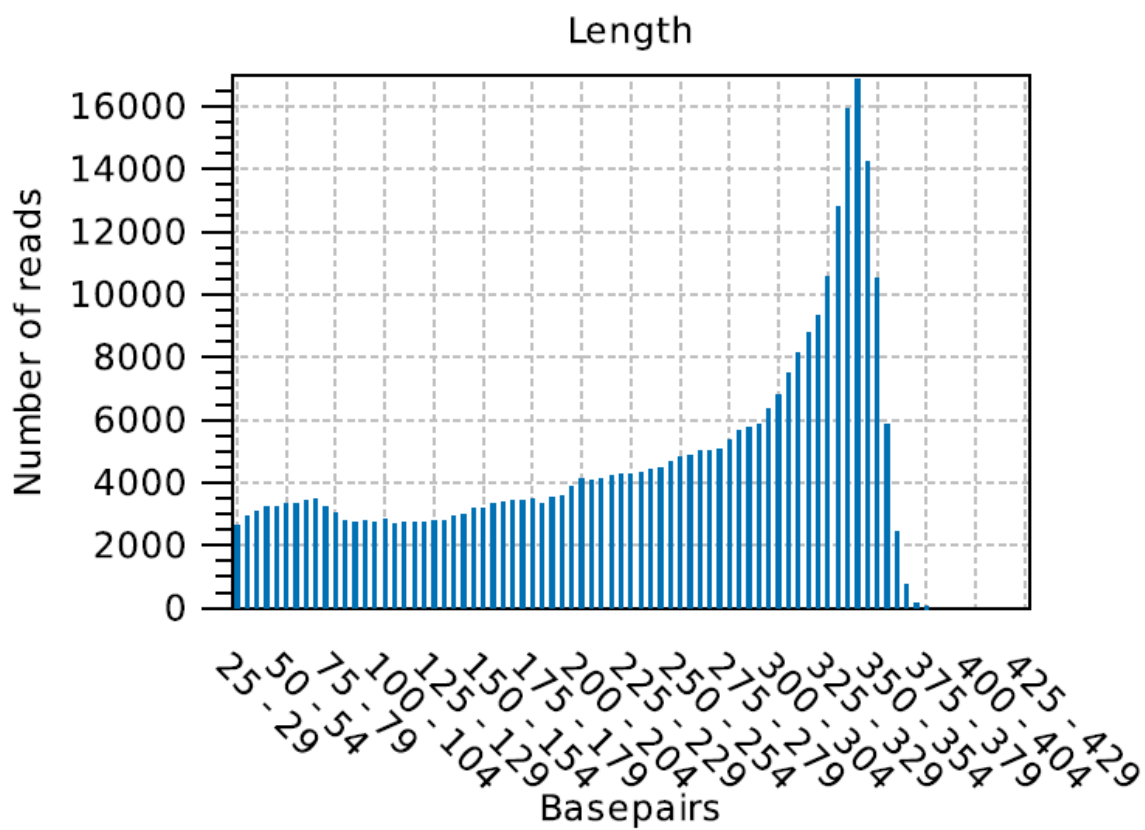


Figure 3. Distribution of sequence read lengths.

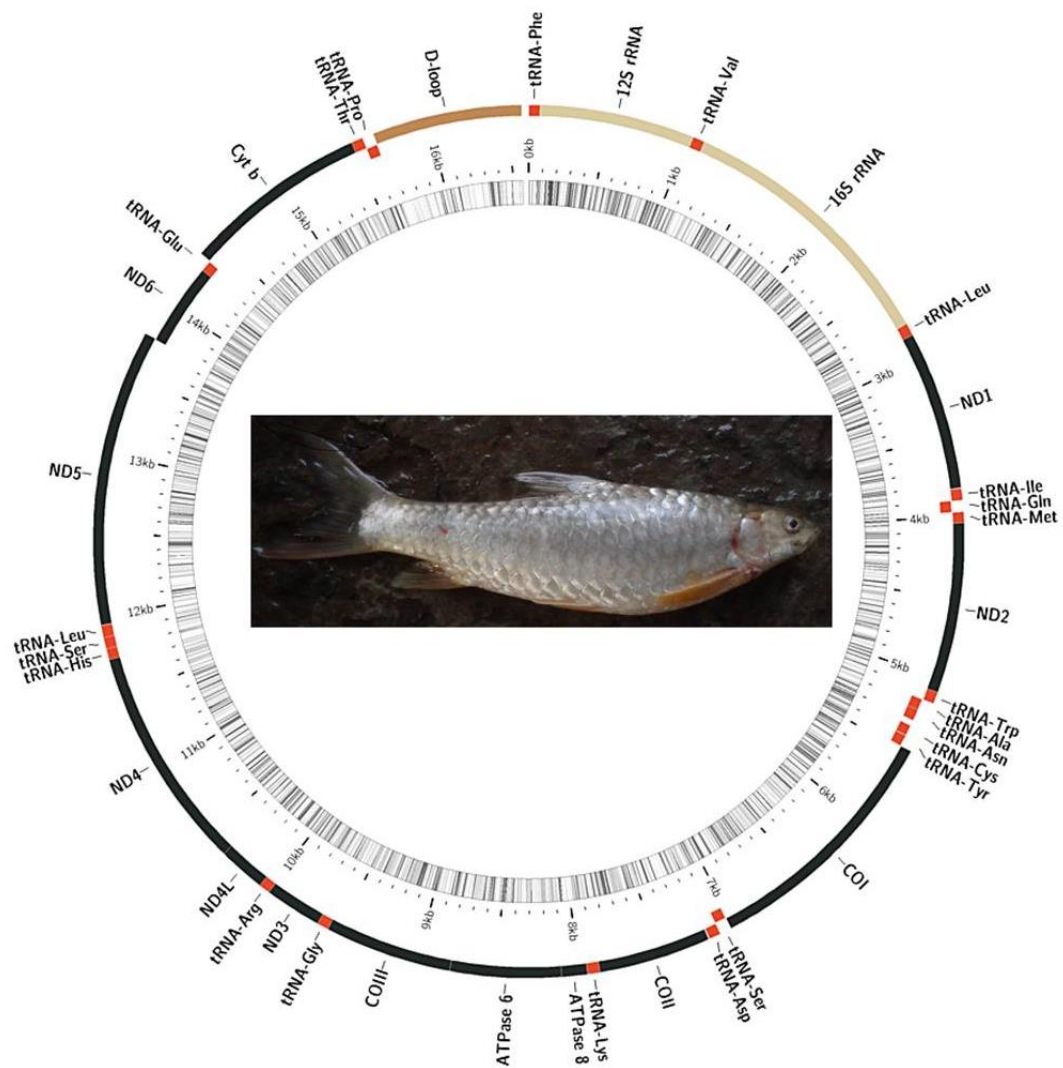
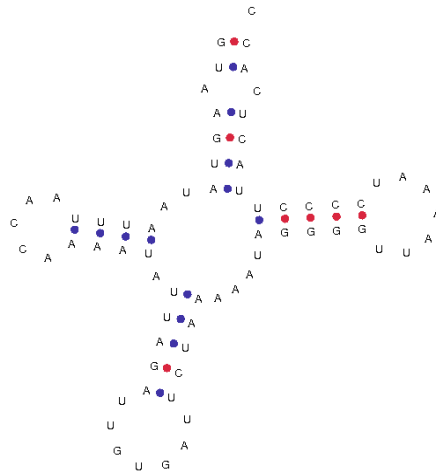
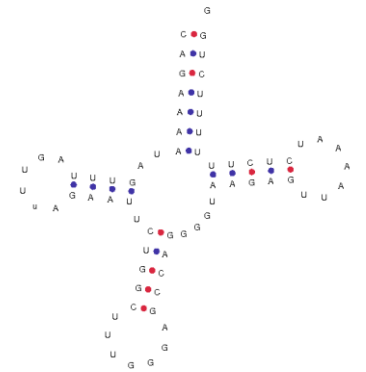


Figure 4. The structure of complete mitochondrial genome of *Tor tor*. Position of 13 protein coding genes, 22 tRNA genes, 2 rRNA genes and D-loop are shown using abbreviations given in the text. Except ND6, all other protein coding genes are encoded on the heavy strand and depicted in the outer circle.

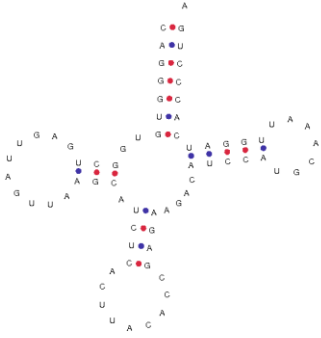
tRNA_Histidine



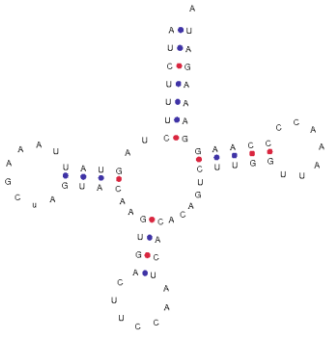
tRNA_Proline



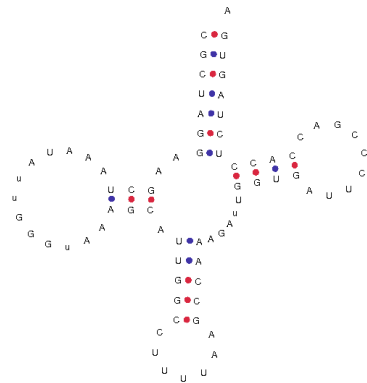
tRNA_Valine



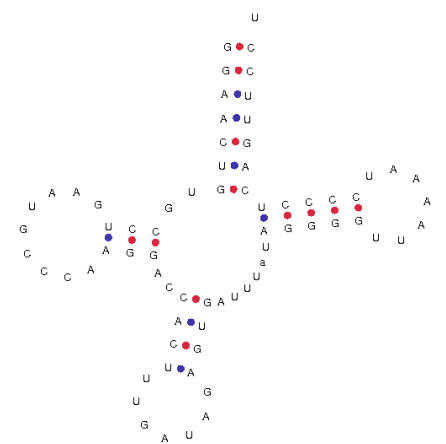
tRNA_Glycine



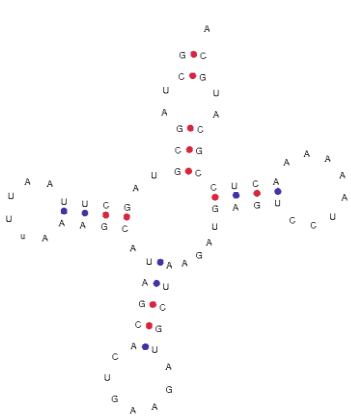
tRNA_Lysine



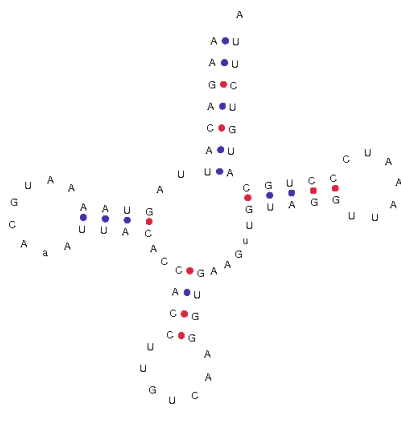
tRNA_Isoleucine



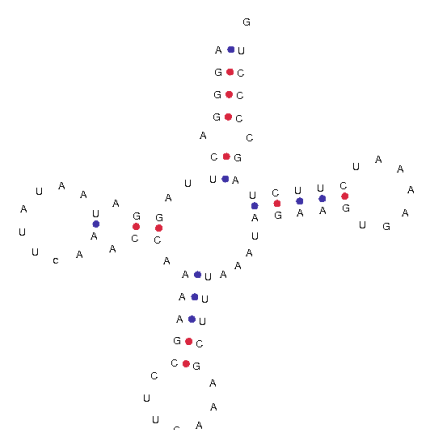
tRNA_Phenylalanine



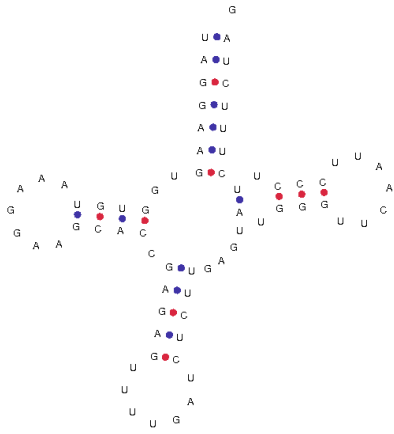
tRNA_Aspartate



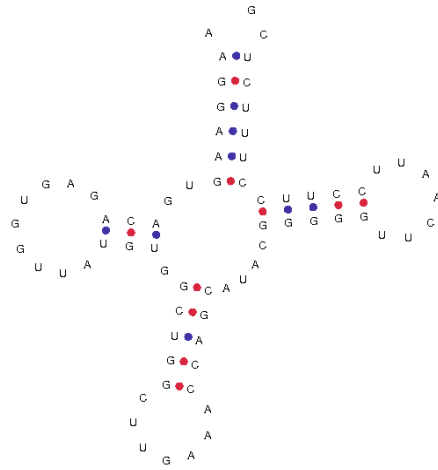
tRNA_Tryptophan



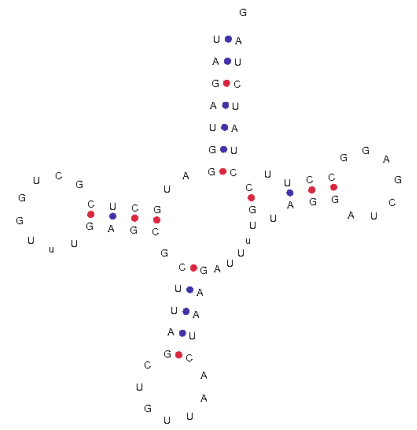
tRNA_Glutamine



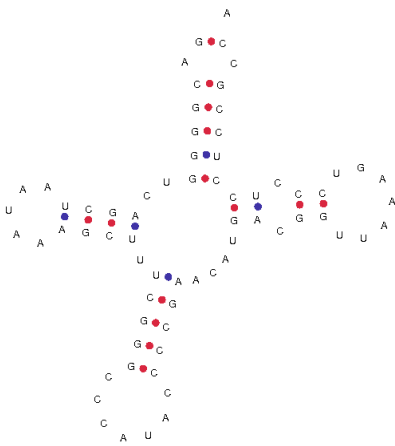
tRNA_Serine



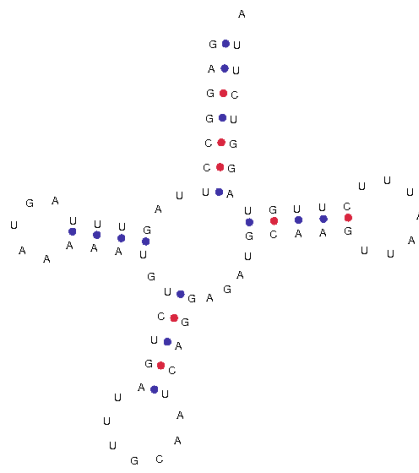
tRNA_Asparagine



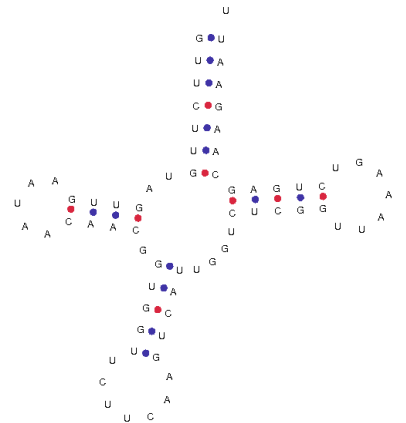
tRNA_Methionine



tRNA_Alanine



tRNA_Glutamate



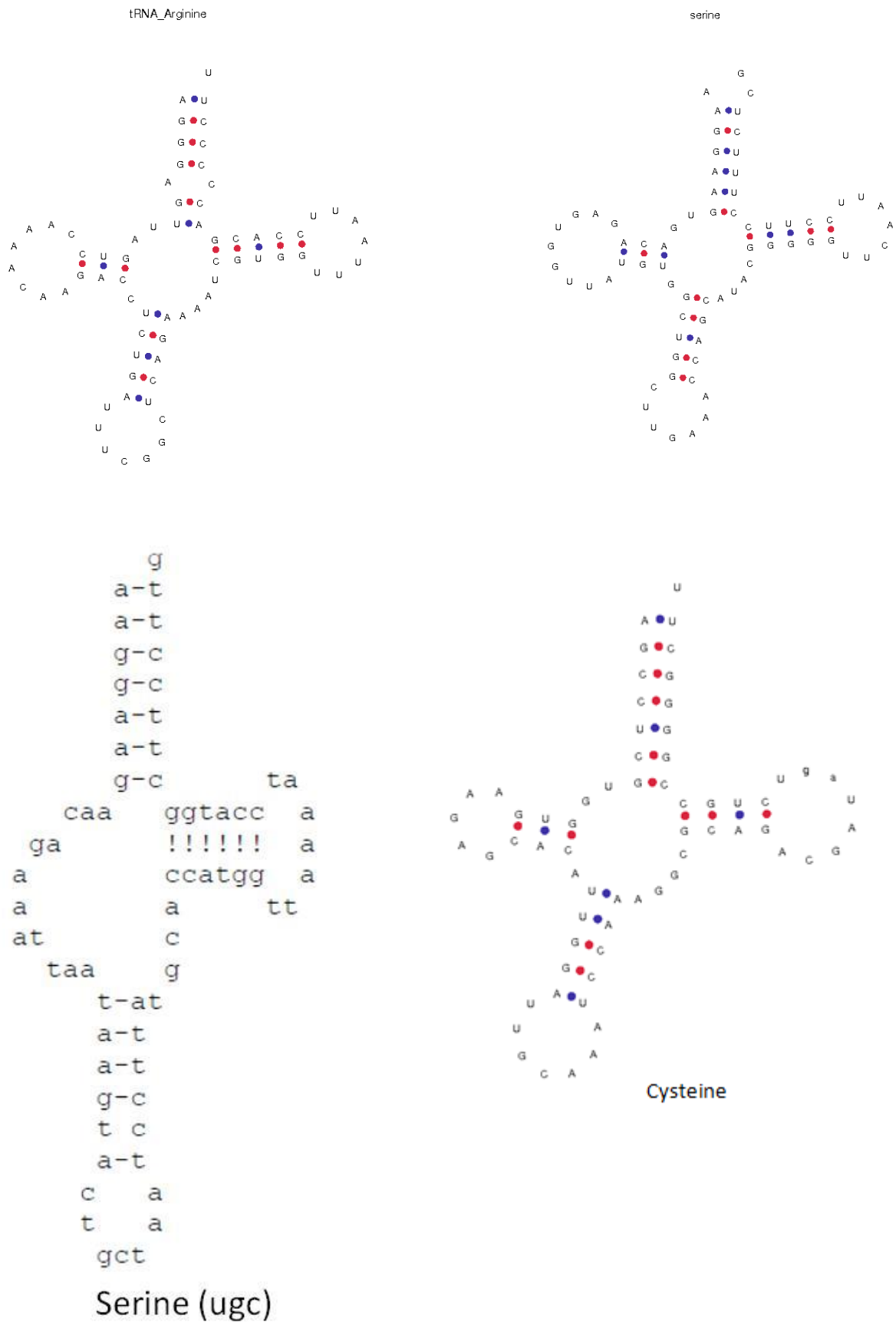


Figure 5. Sequences of *T. tor* mitochondrial tRNA genes, represented in the clover-form, Ser(ugc) does not show clover leaf structure.

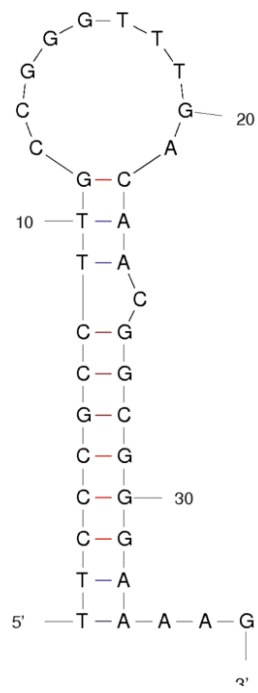


Figure 6. The putative stem-loop secondary structures of *tor* species.

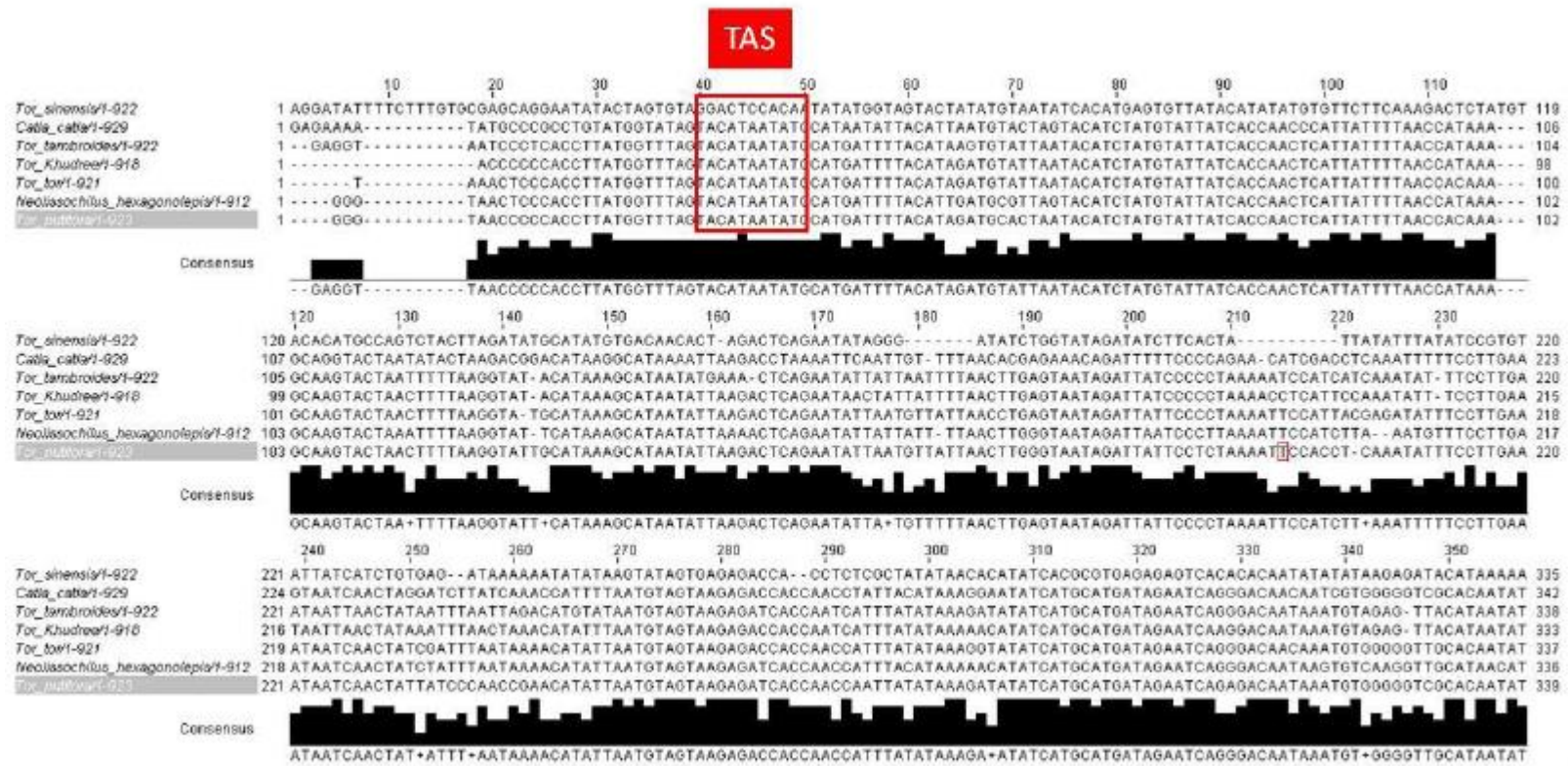


Figure 8a. Termination associated sequence (TAS) in mitochondrial genome of *T. tor* species.

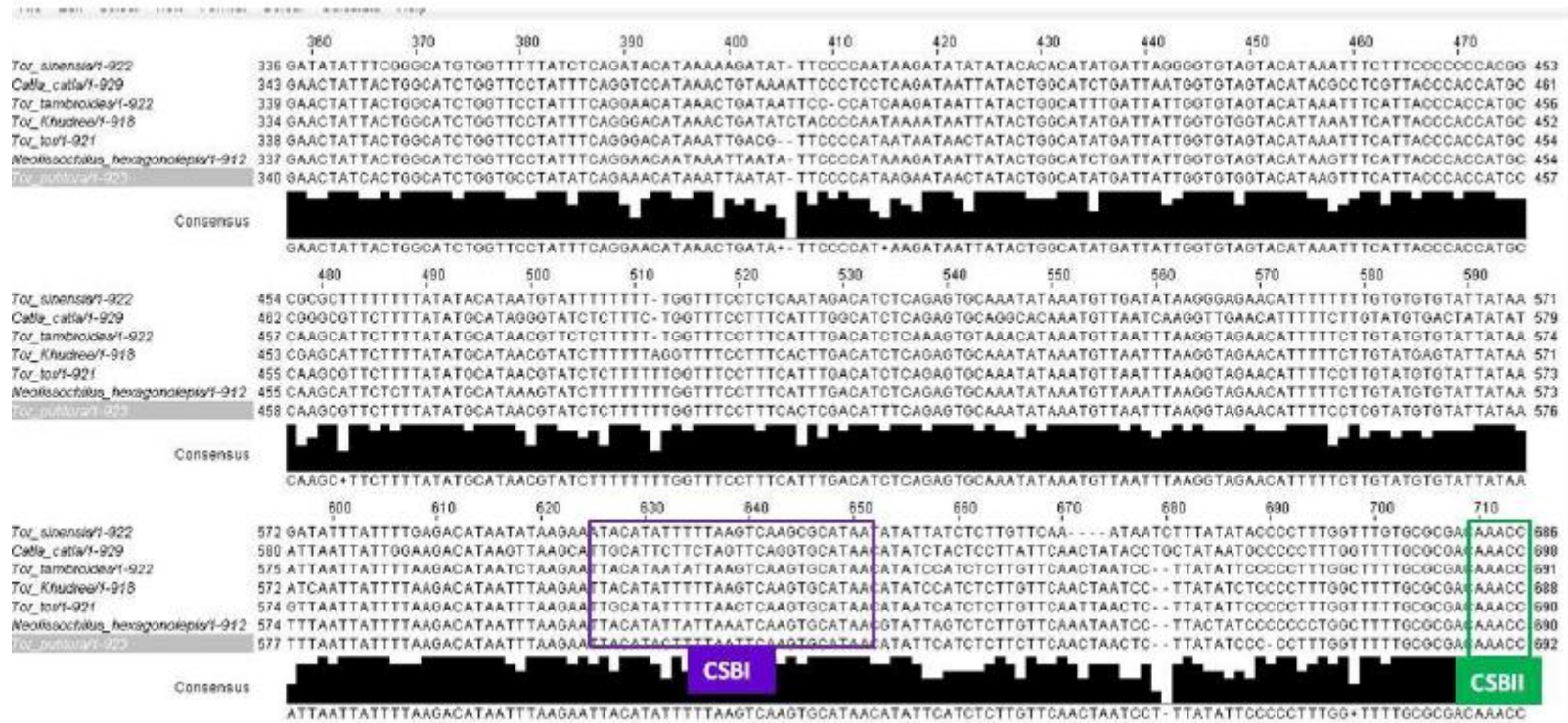


Figure 8b. Conserved sequence blocks (CSB-1, CSB-2 and CSB-3) in mitochondrial genome of *T. tor* species.

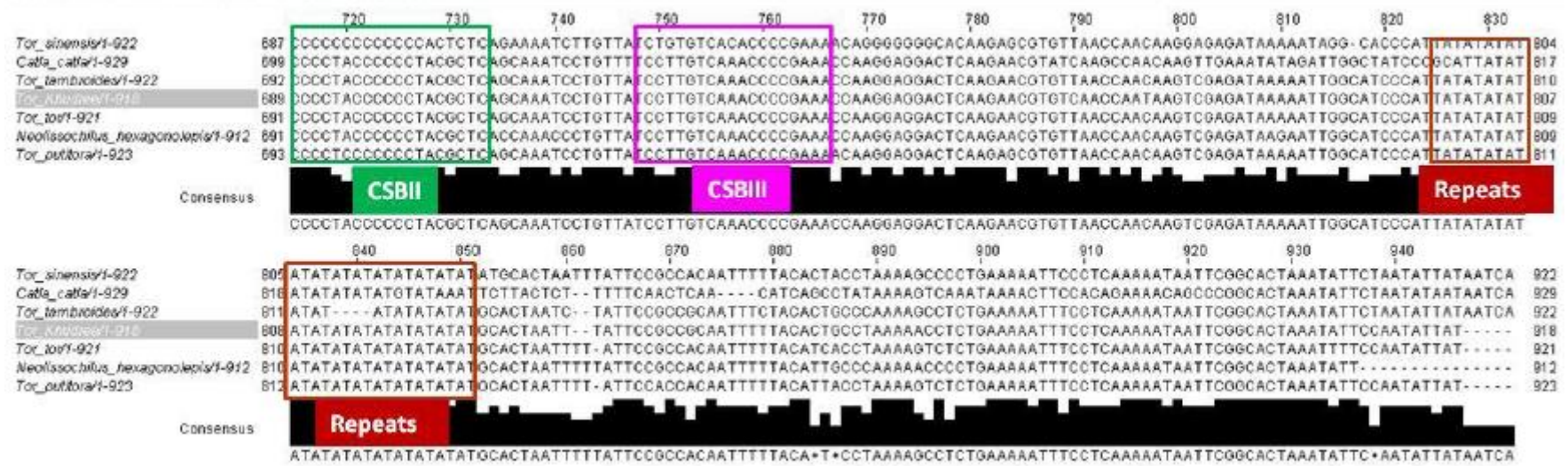


Figure 8c. Conserved sequence blocks (CSB-2 and CSB-3) and tandem repeats in mitochondrial genome of *T. tor* species