

Appendix 3

Confusion Matrices for a Single Run of Every Computational Test

Figure 1 (Tests 1-6). Confusion matrices at each taxonomic level of the mtDNA dataset. Predicted labels are omitted for readability but they follow the same order as the true labels from top to bottom.

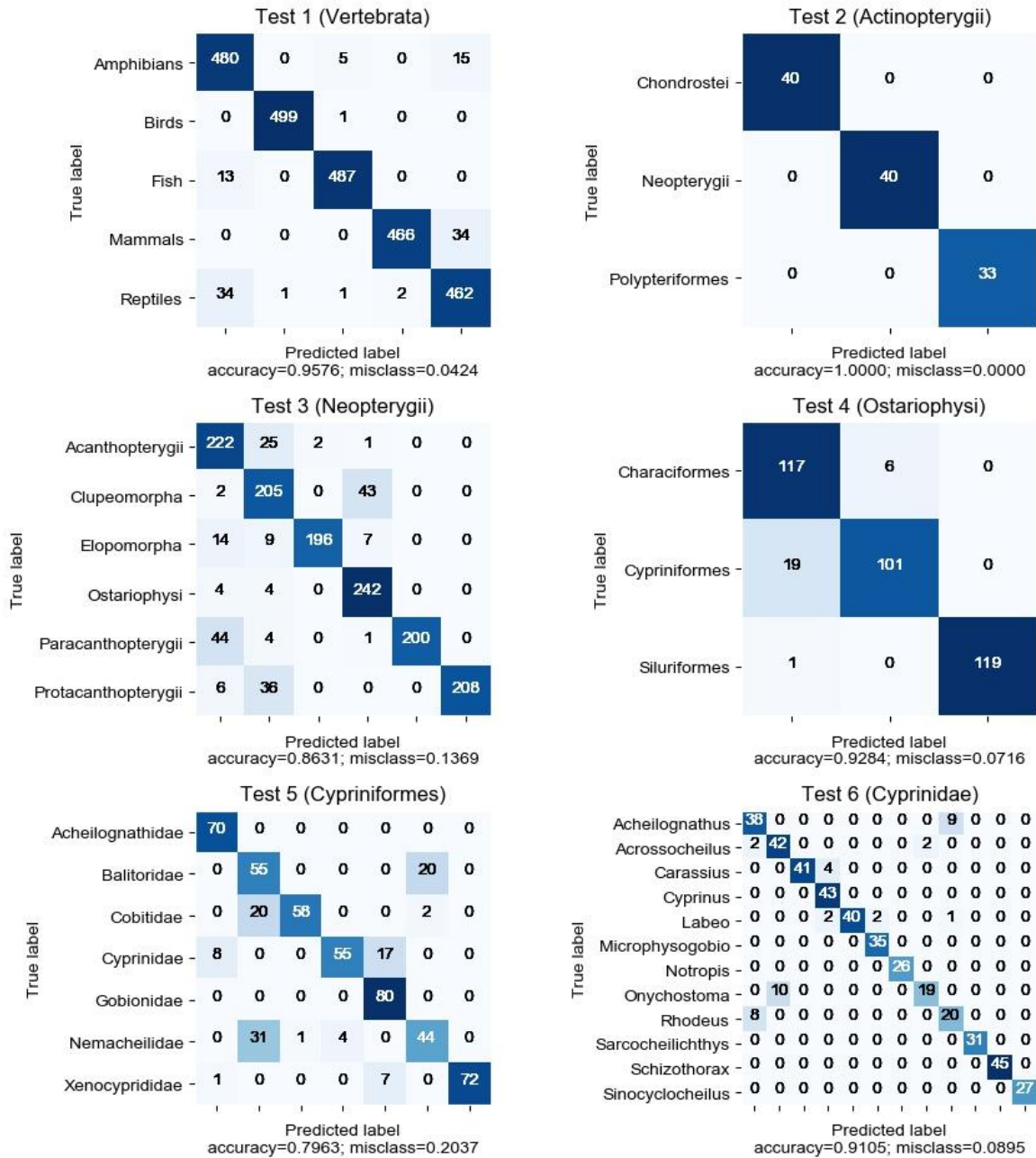


Figure 2 (Tests 7, 8). Confusion matrices obtained for both computational tests with the bacterial dataset at phylum level to families. (Top) All bacterial families are considered. (Bottom) Only sequences in the phylum Proteobacteria are considered. Predicted labels are omitted for readability but they follow the same order as the true labels from top to bottom.

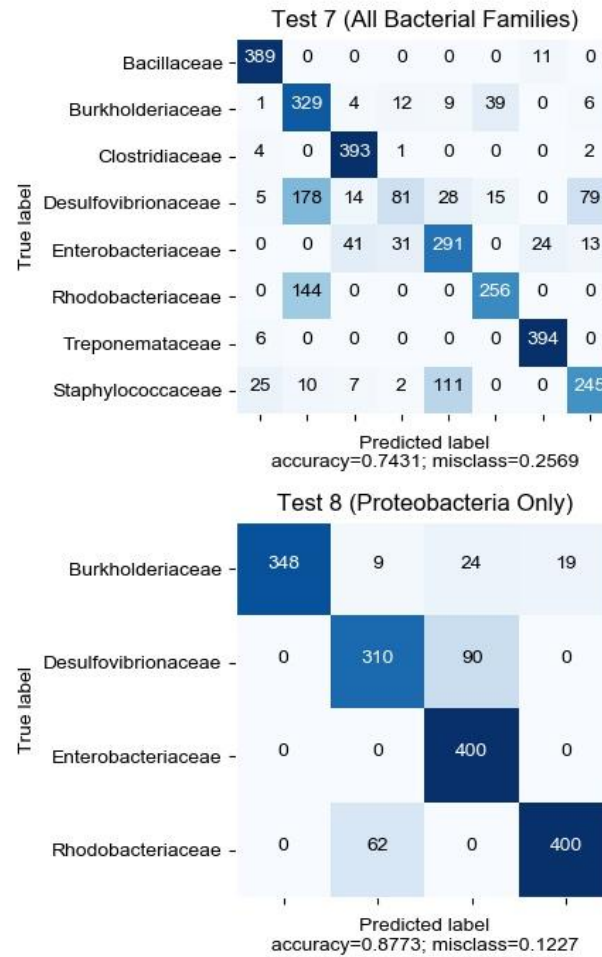


Figure (Tests 9-11). Confusion matrices for the NA-encoding gene of the Influenza A virus, Dengue virus genomes, and HBV genomes. Predicted labels are omitted for readability but they follow the same order from left to right as the true labels from top to bottom.

