

Phylogenetics Z620 Homework 10

For the study of Adenylate Kinase Intron 5 in various birds, the data were made available at:

<http://mypage.iu.edu/~ehouswor/Fall2005/BioZ620/BirdData.txt>

Find the bootstrap support for branches using parsimony and neighbor-joining methods. (Recall, you use the seqboot program in Phylip to generate multiple datasets. Inside the DNAPars and Neighbor programs you type "M" to reset the multiple datasets option so that Phylip knows there are multiple datasets. Then you run Consense to generate the consensus phylogeny with bootstrap support for the nodes.) Compare the parsimony and neighbor-joining results.