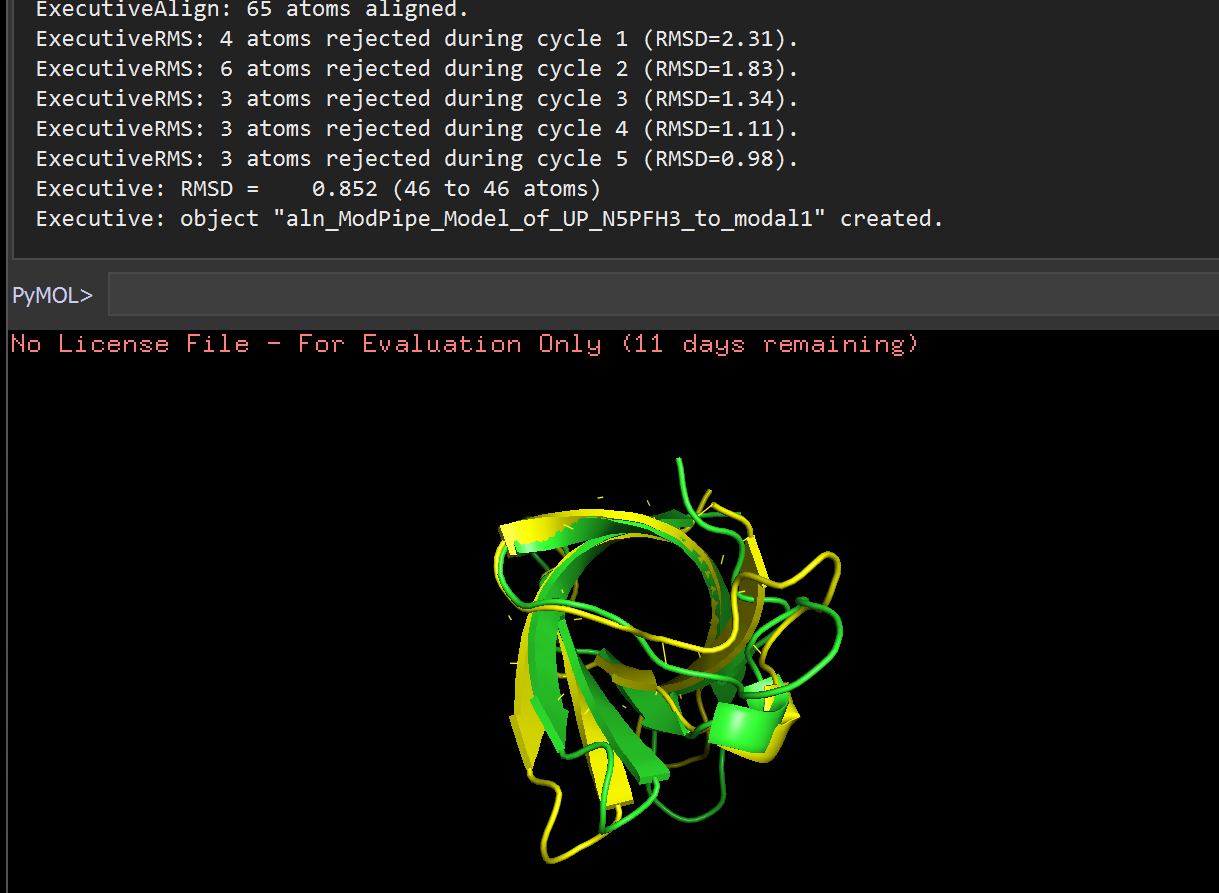
**BT305 Lab Assignment 6**

**Name: Sumit Kumar**

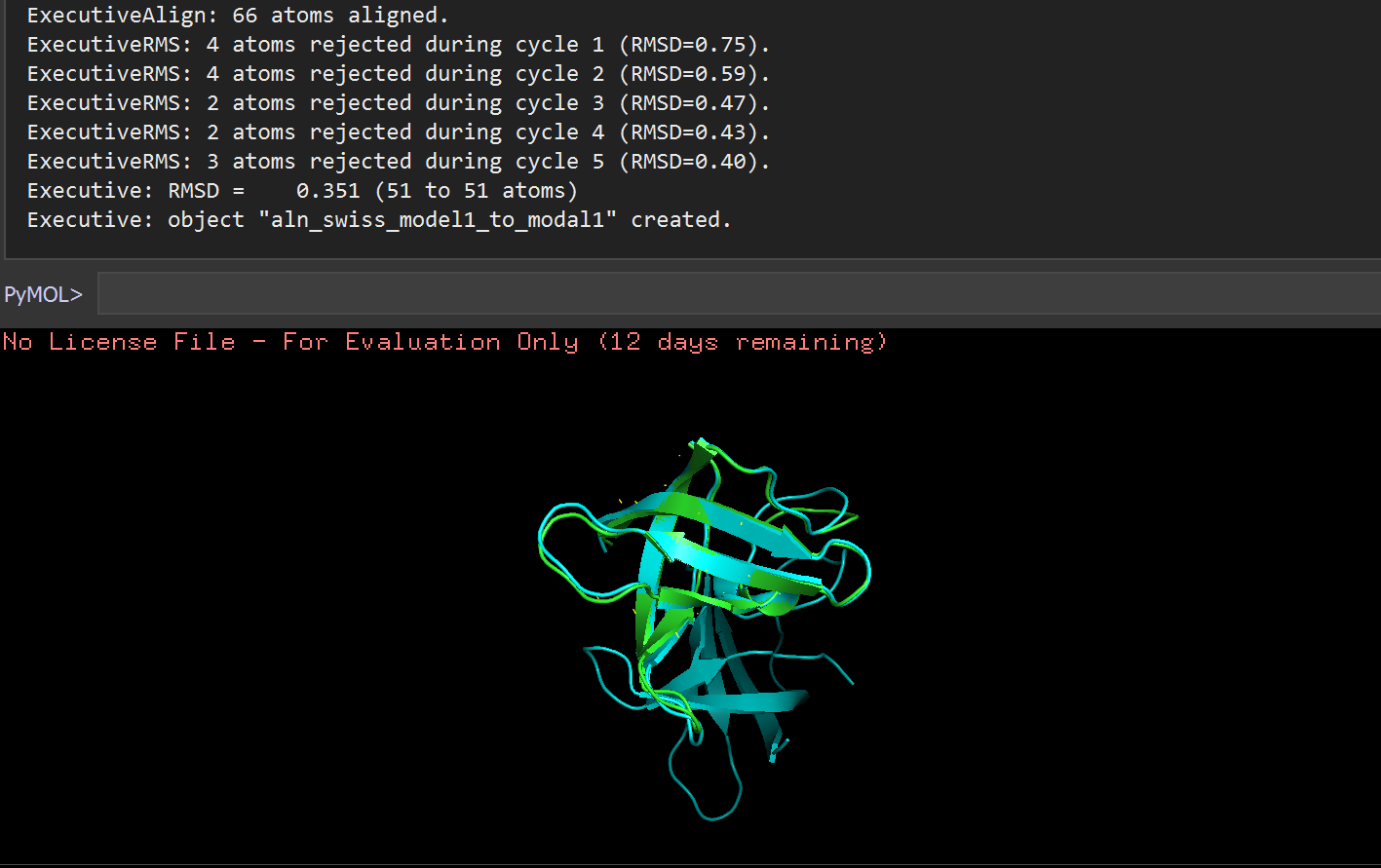
**Roll No. 210106076**

**Model 1: Major Cold shock protein from Staphylococcus aureus**

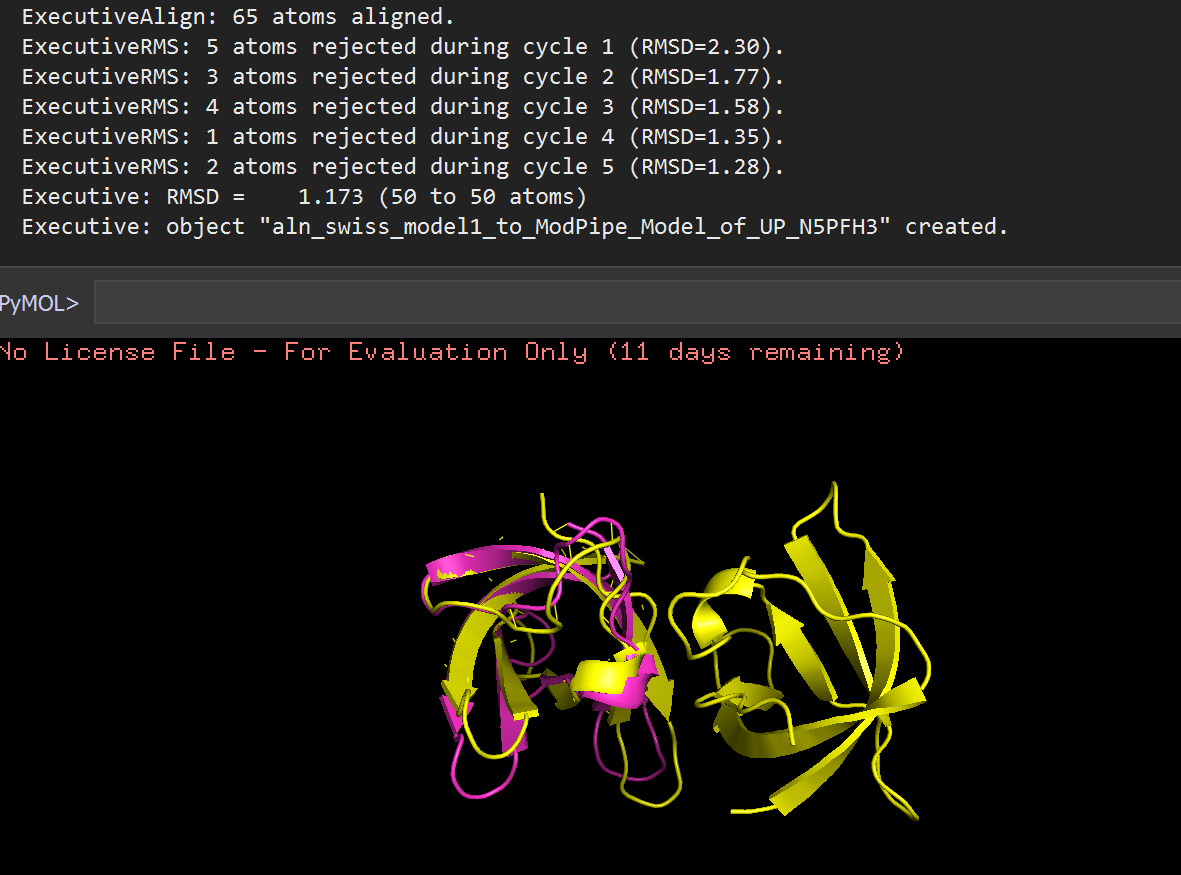
Comparison between Homologue and Modweb (RMSD=0.852)



Comparison between Homologue and Swiss (RMSD=0.351)



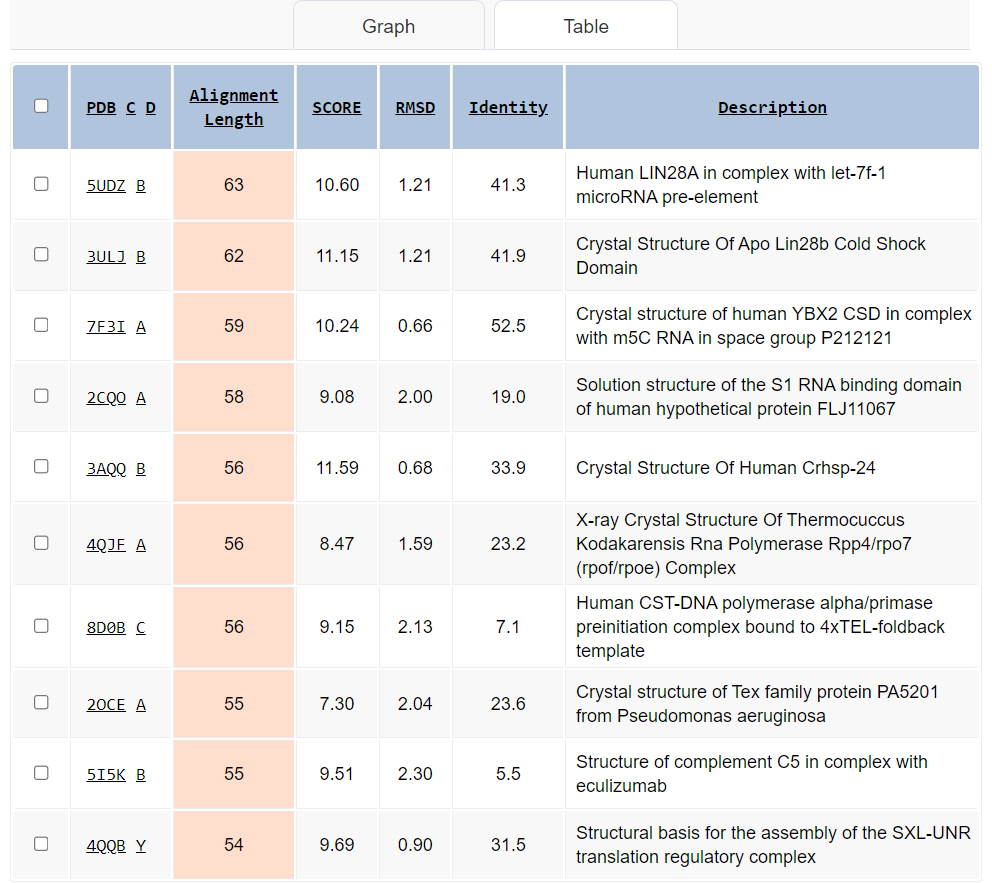
Comparison between Modeweb and Swiss (RMSD=1.173)



**VAST Graph**

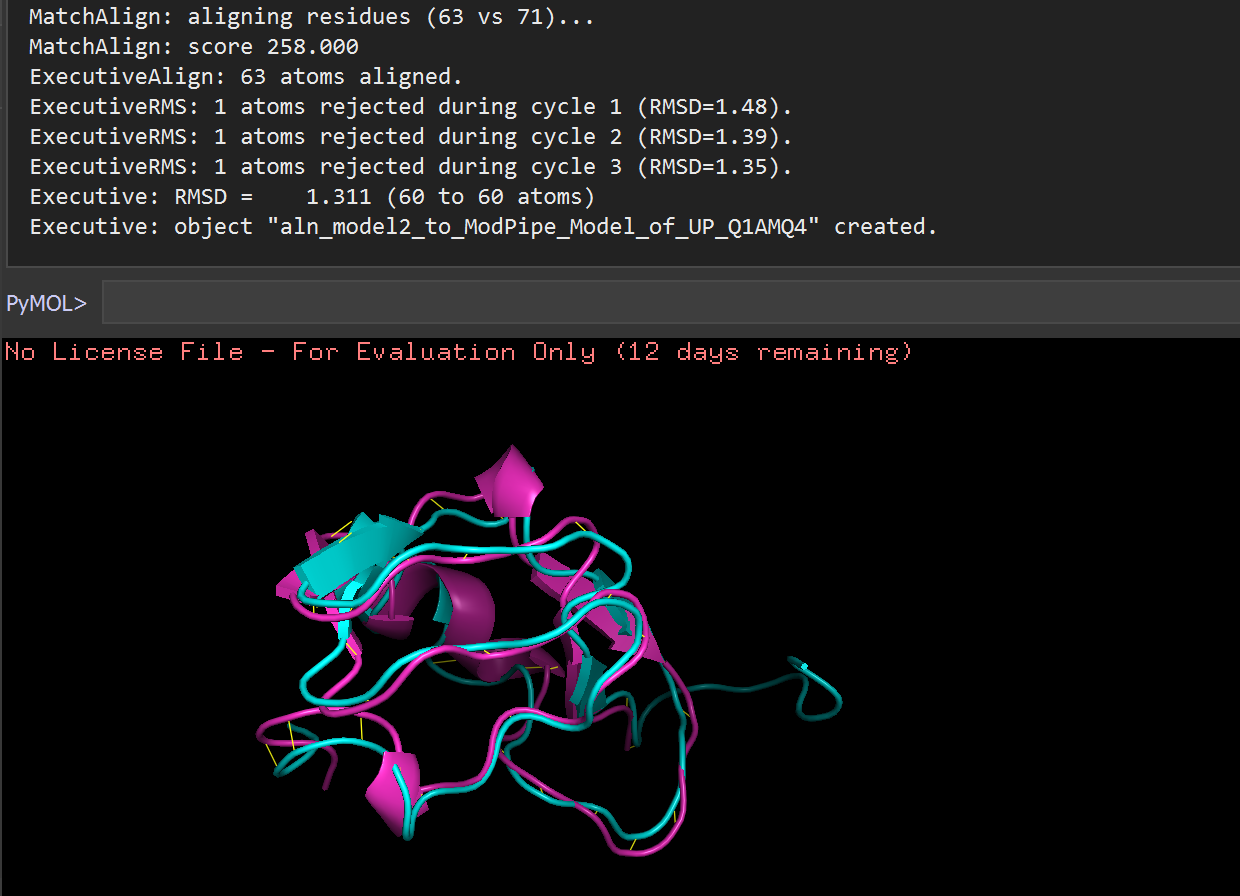


**VAST Table**

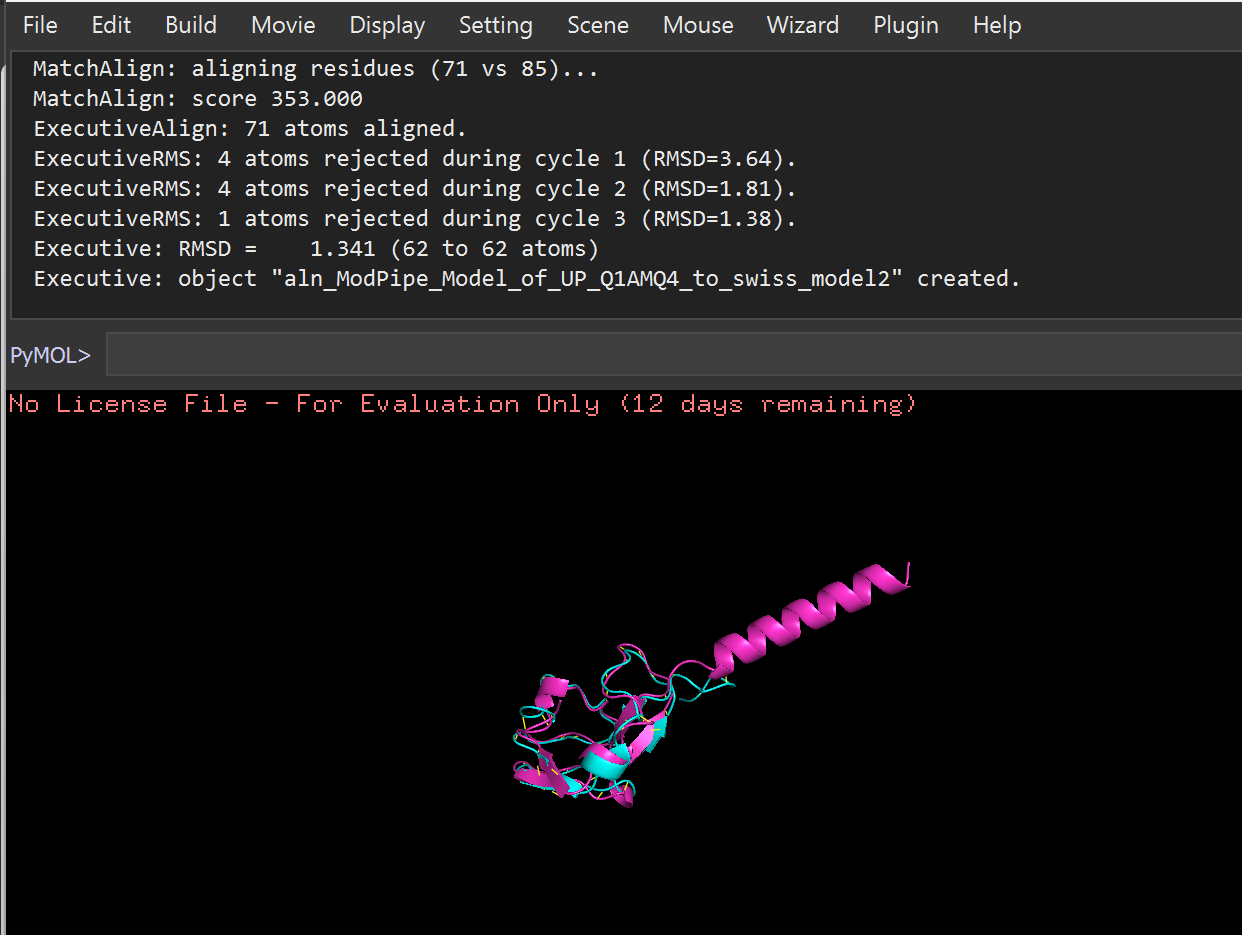


**Model 2: Antifreeze protein from Pachycara brachycephalum**

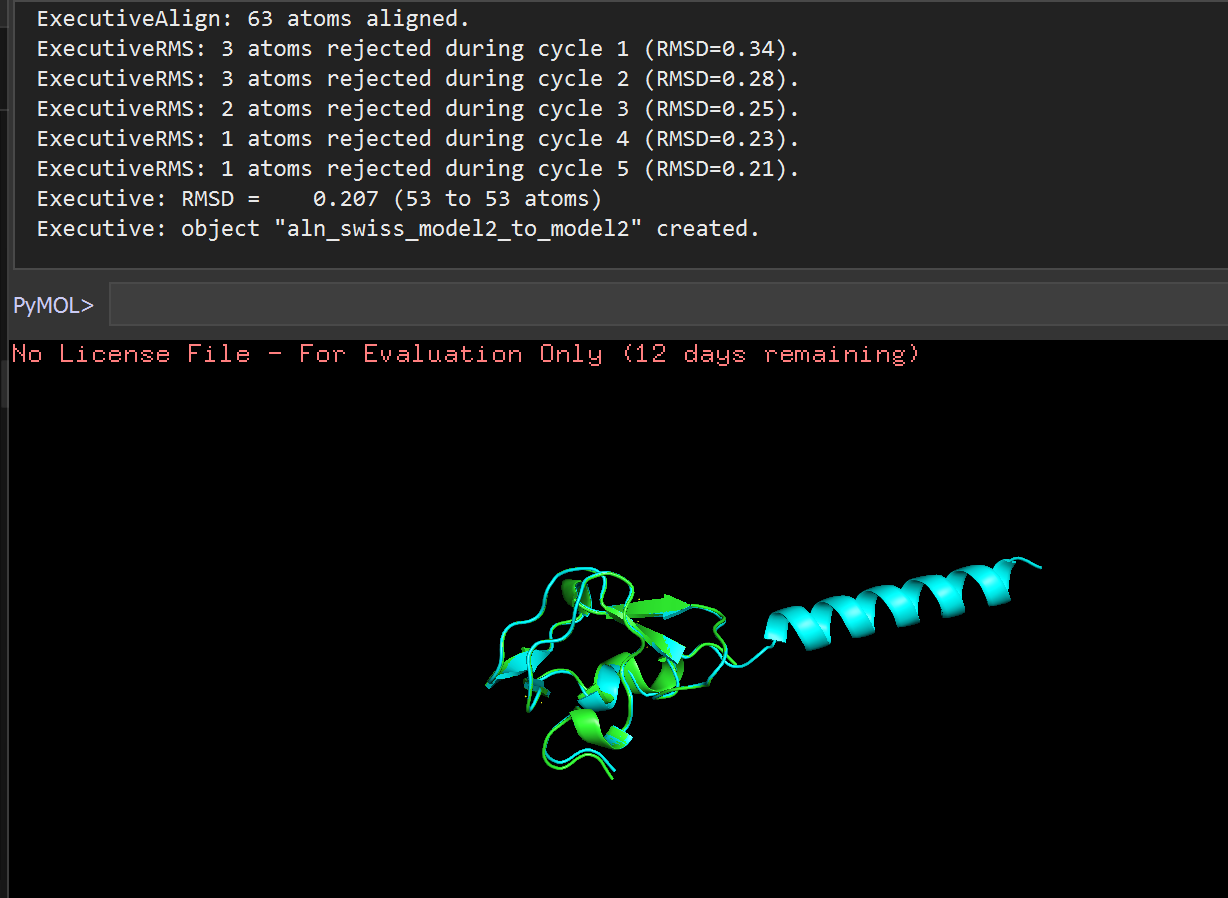
Comparison between Homologue and Modweb (RMSD=1.311)



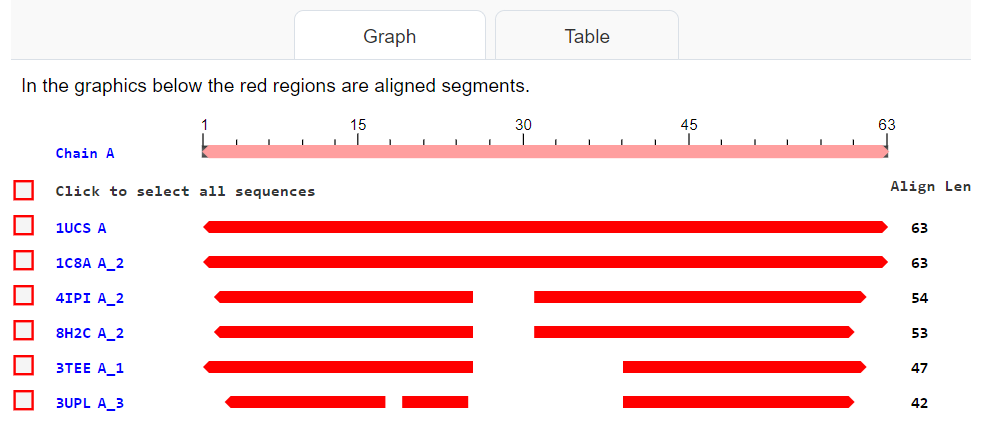
Comparison between Modweb and Swiss (RMSD=1.341)



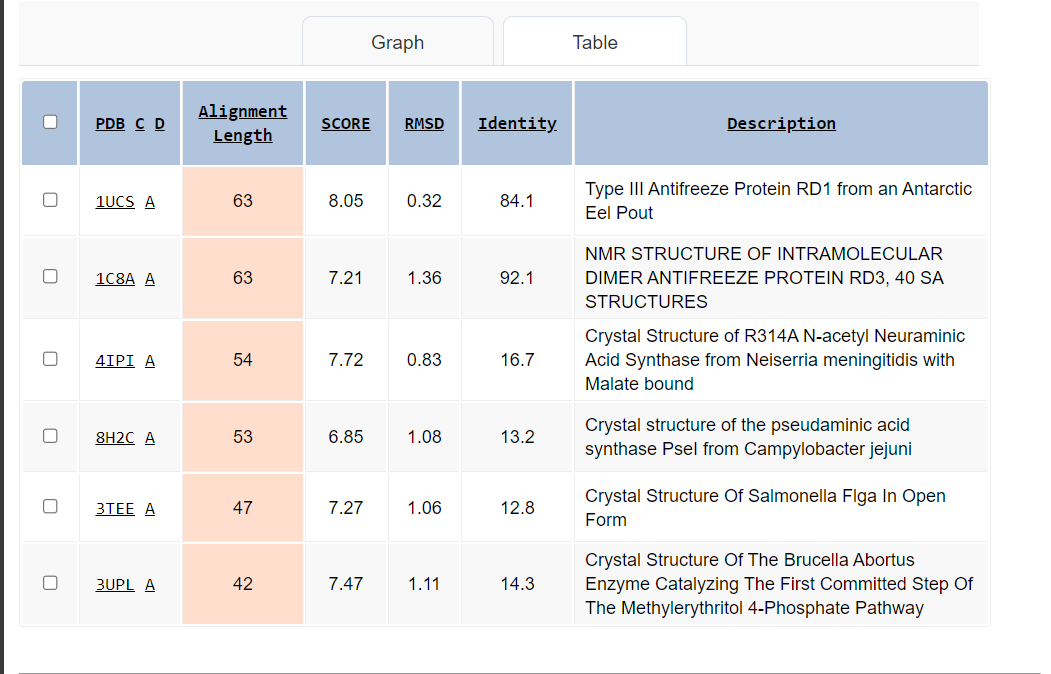
Comparison between Homologue and Swiss (RMSD=0.207)



**VAST Graph**

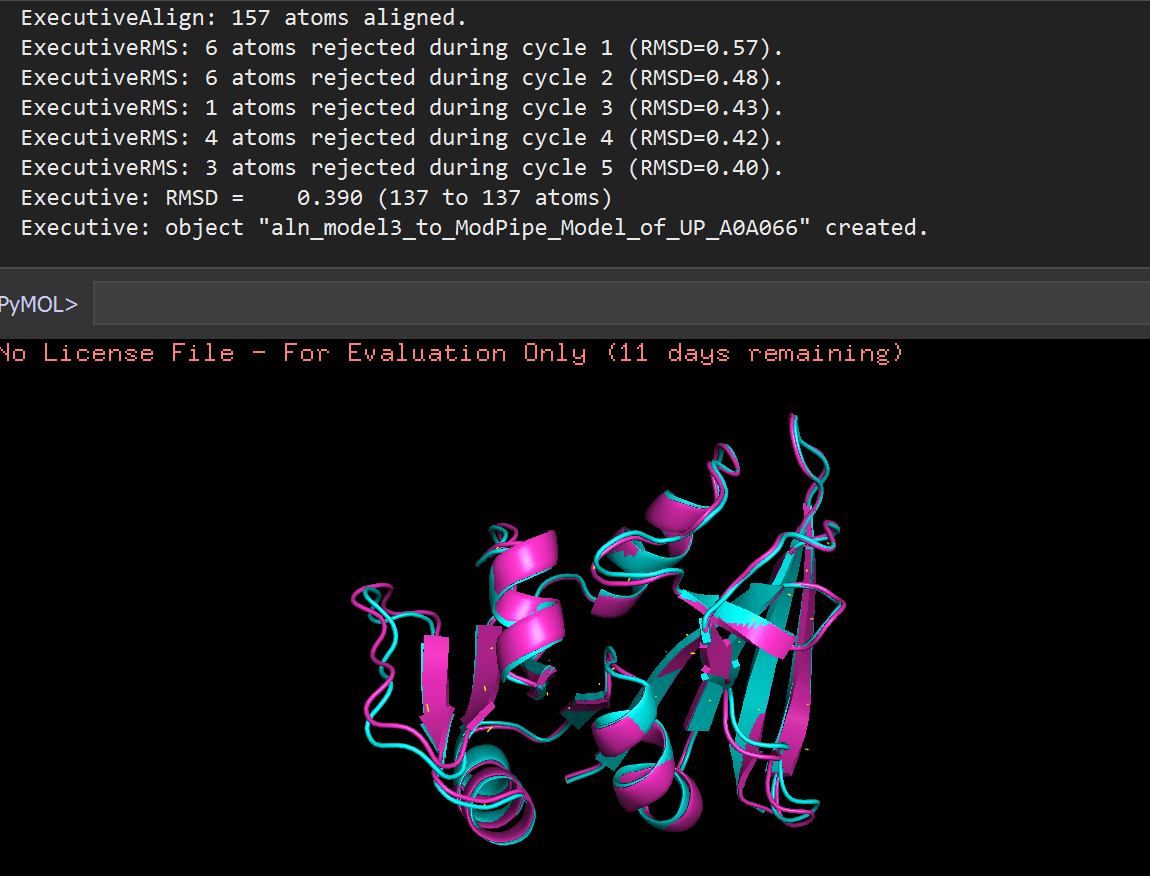


**VAST Table**

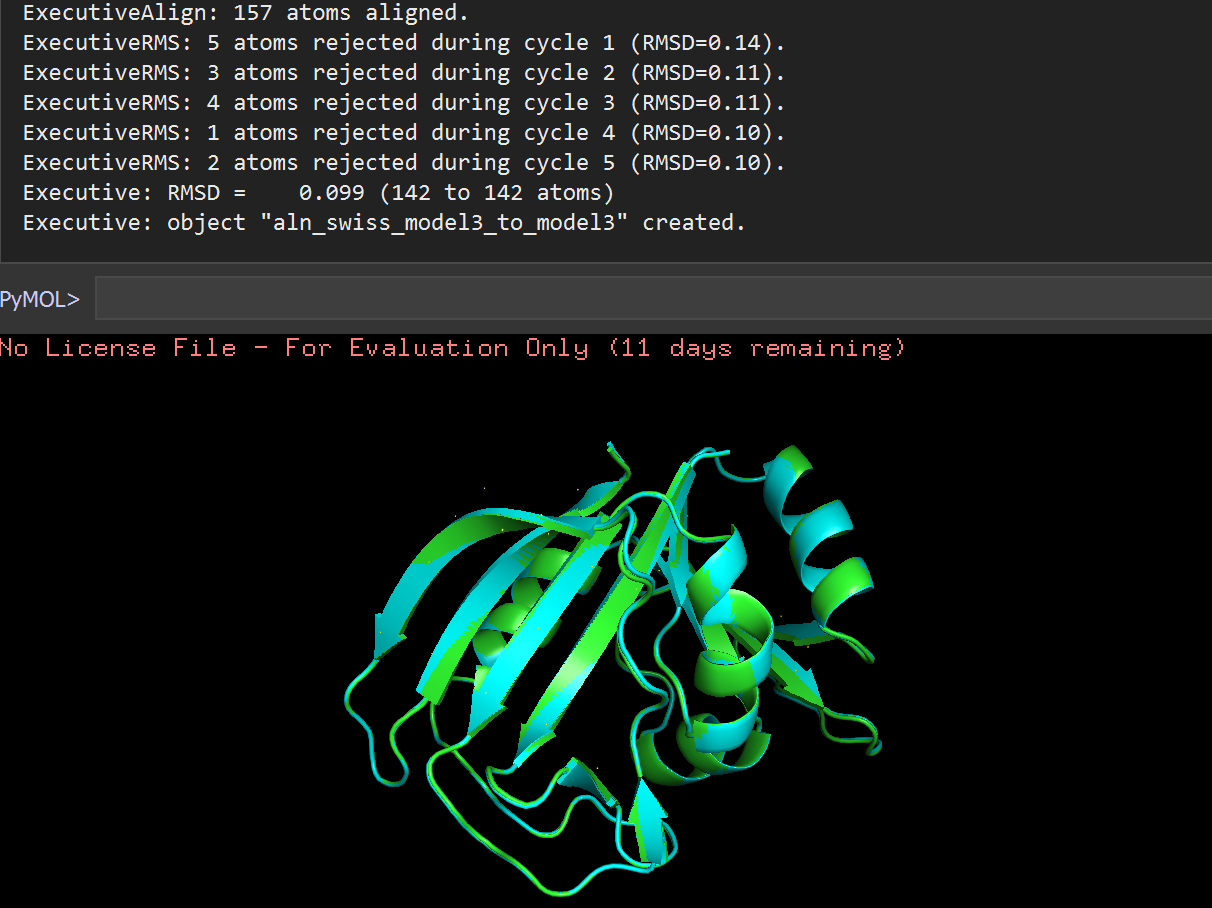


**Model 3: Dihydrofolate Reductase from Vibrio cholerae**

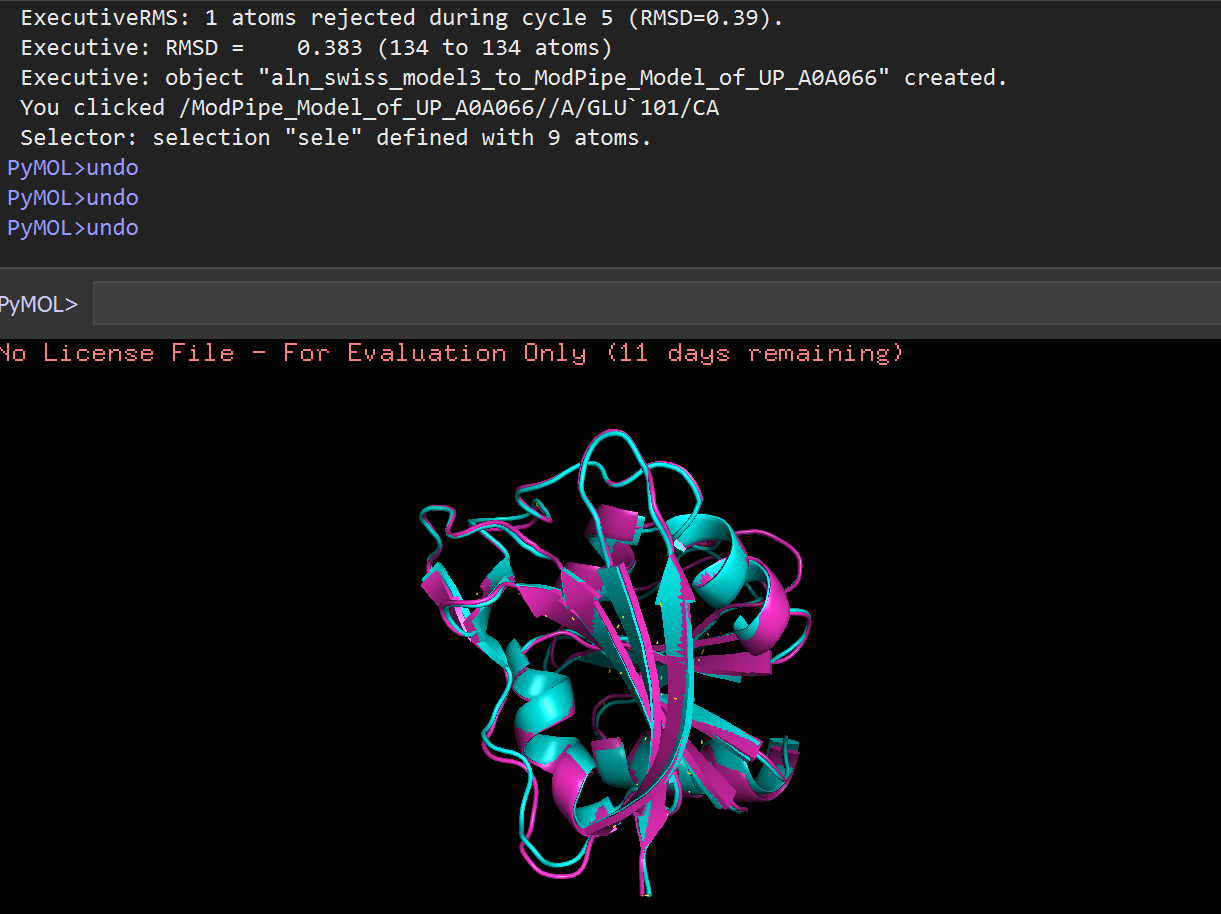
Comparison between Homologue and Modweb (RMSD=0.390)



Comparison between Modweb and Swiss (RMSD=0.099)



Comparison between Homologue and Swiss (RMSD=0.383)



**VAST Graph**



**VAST Table**

