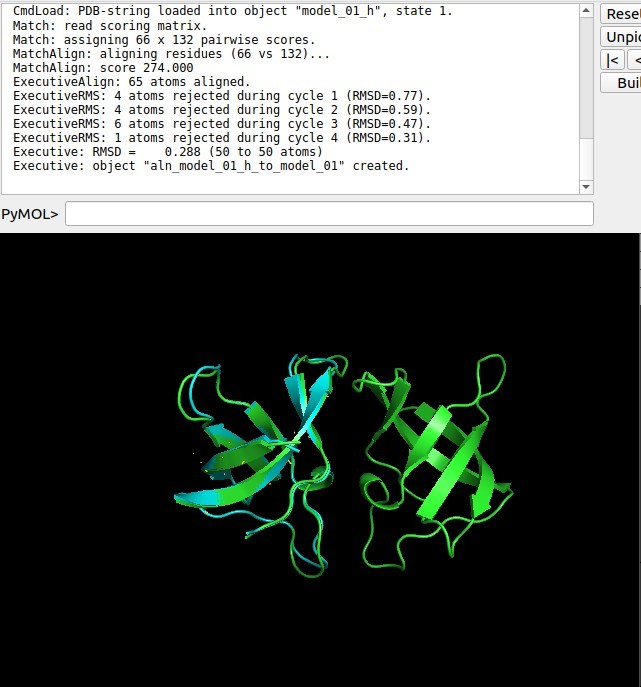
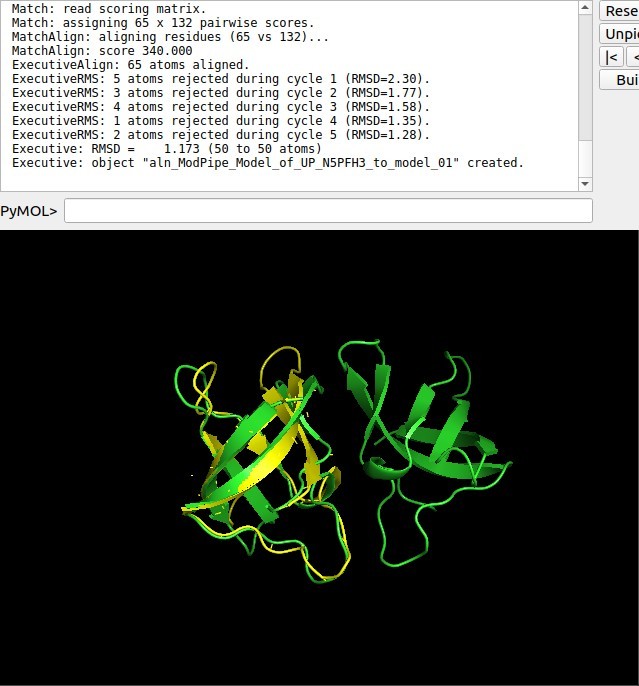
BT305 Lab Assignment 6

# Name: Vansh Roll no. 210106082

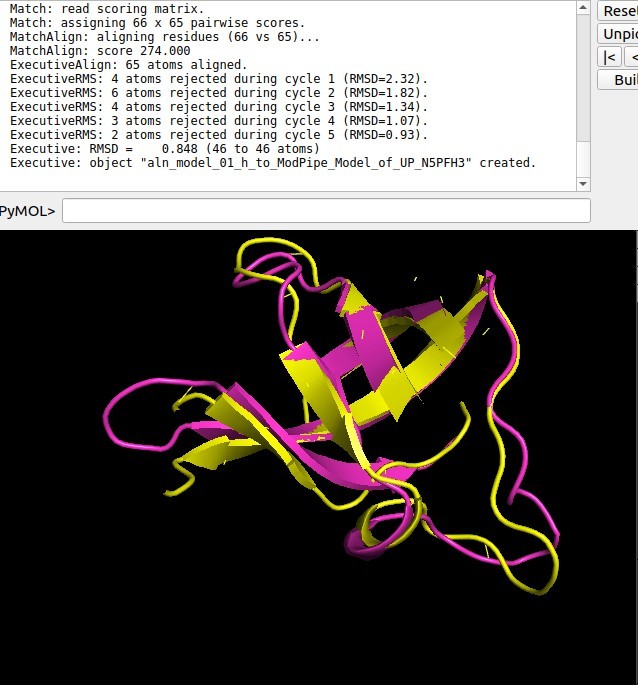
**Model 1: Major Cold shock protein from Staphylococcus aureus**

Comparison between original sequence and homologue(RMSD:0.288)

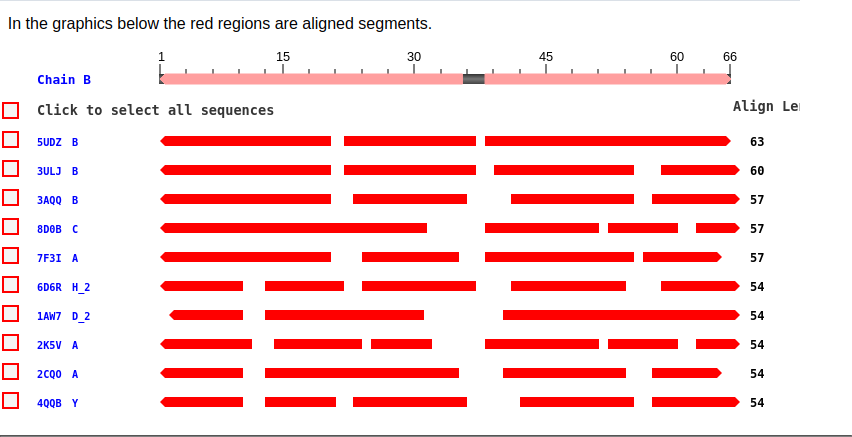
Comparison between original sequence and ModWeb(RMSD:1.173)

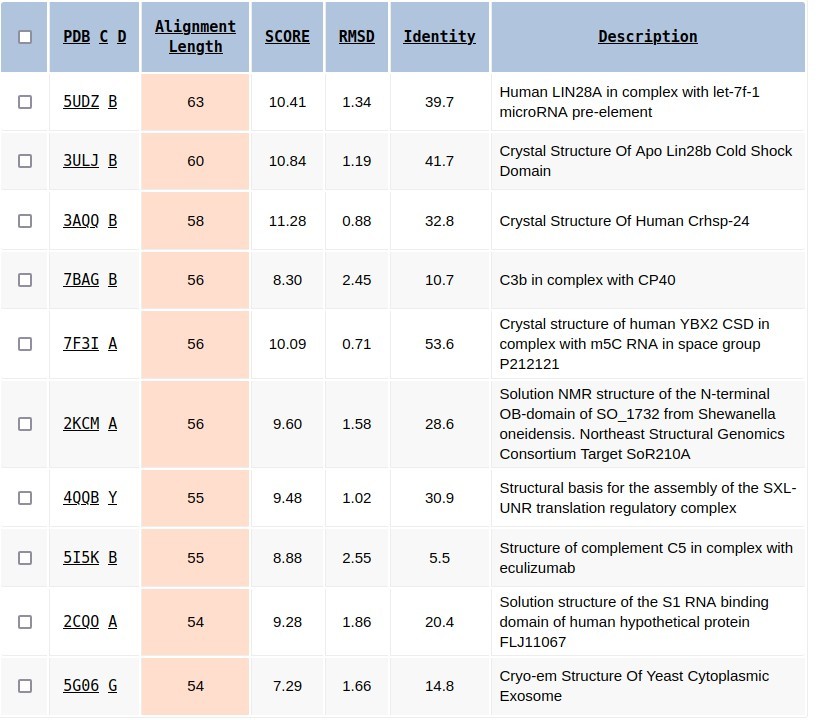


Comparison between homologue and ModWeb(RMSD:0.848)



VAST

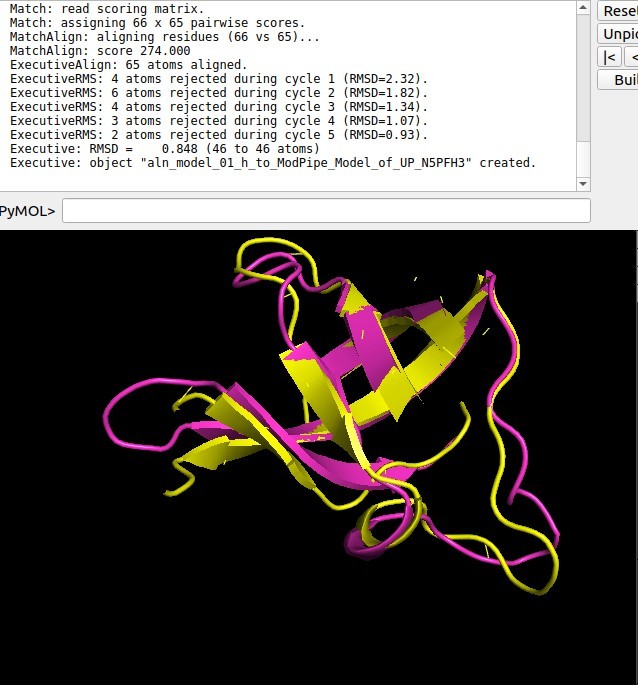




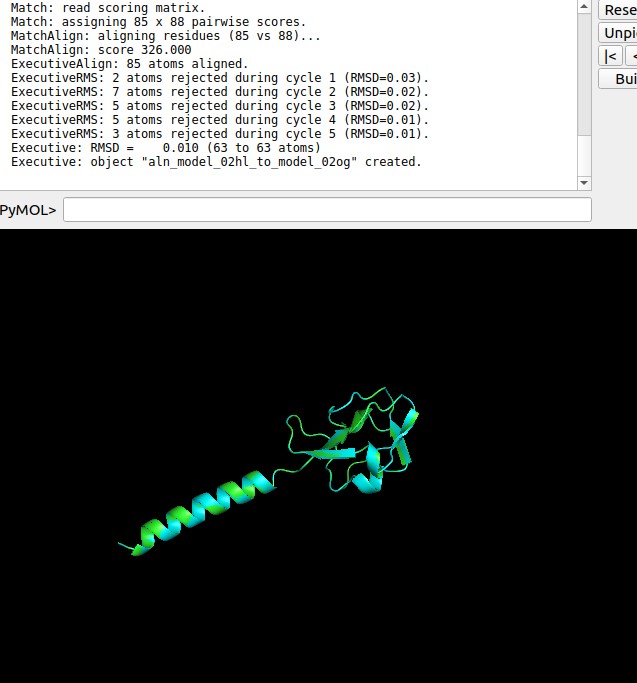


# Model 2: Antifreeze protein from Pachycara brachycephalum

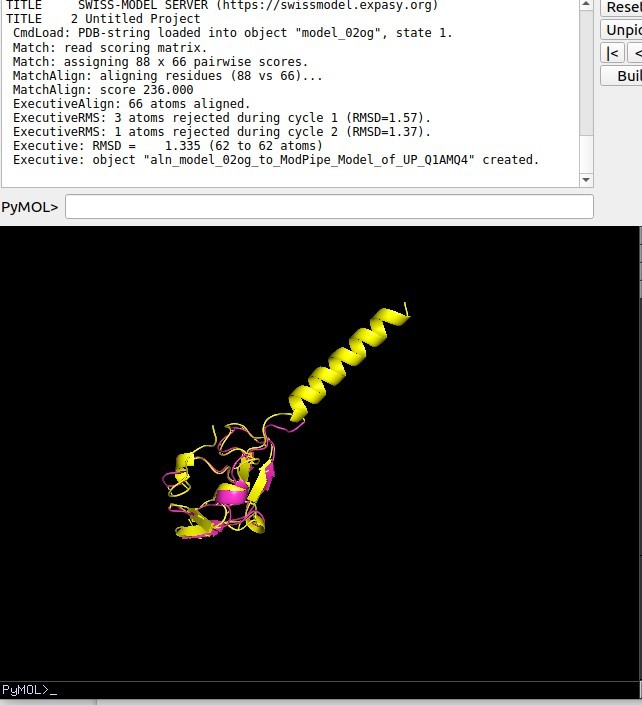
Comparison between original sequence and homologue(RMSD:0.840)



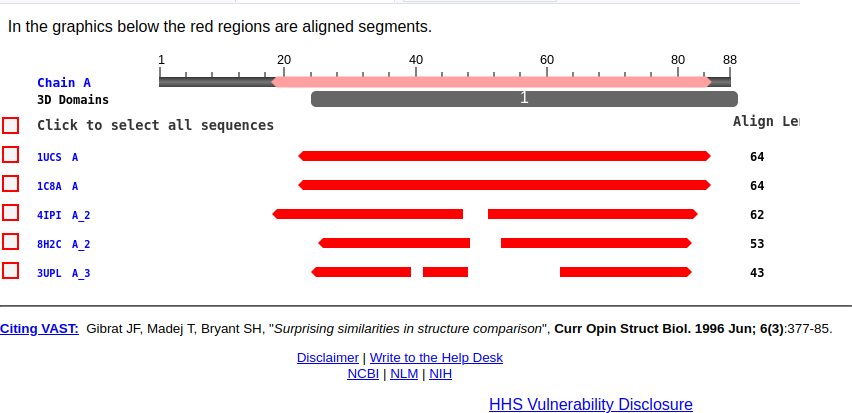
Comparison between original sequence and ModWeb(RMSD:0.010)

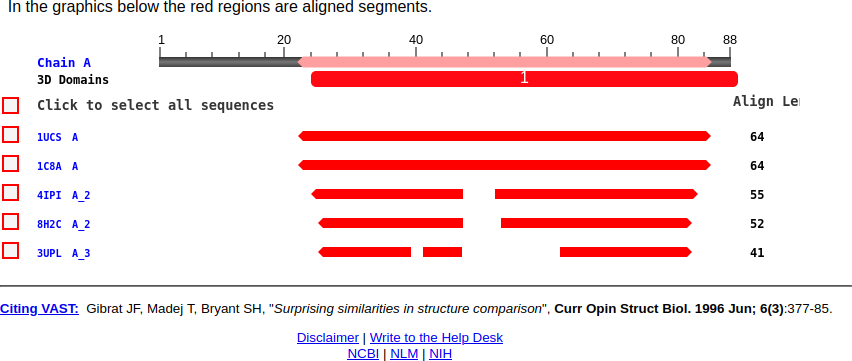


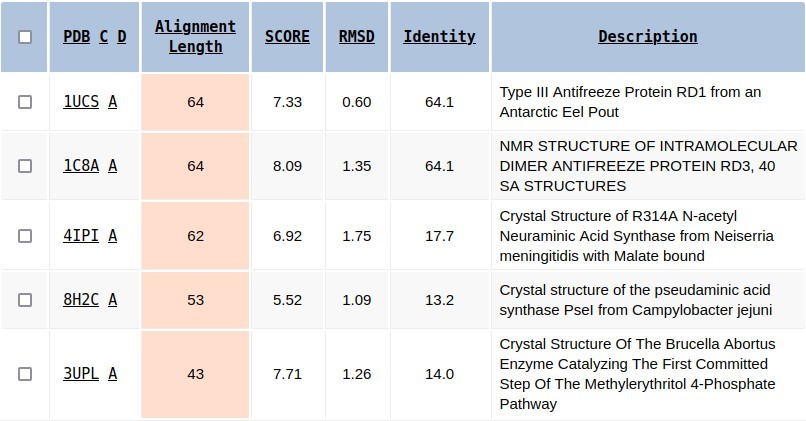
Comparison between homologue and ModWeb(RMSD:1.335)

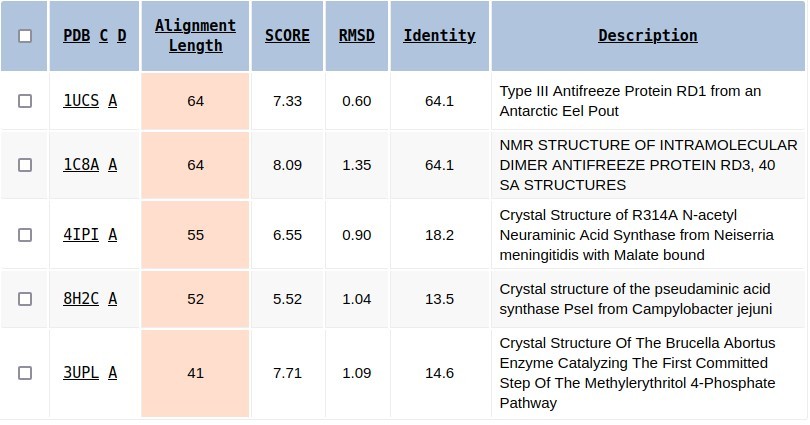


VAST

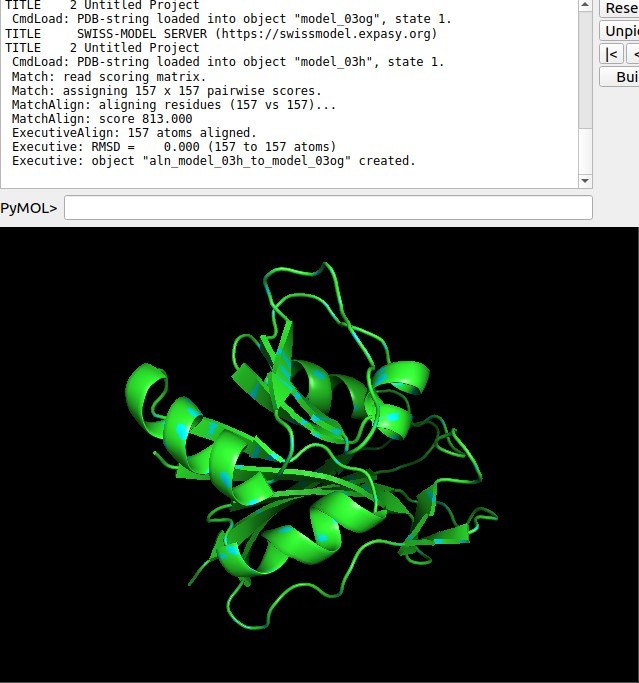




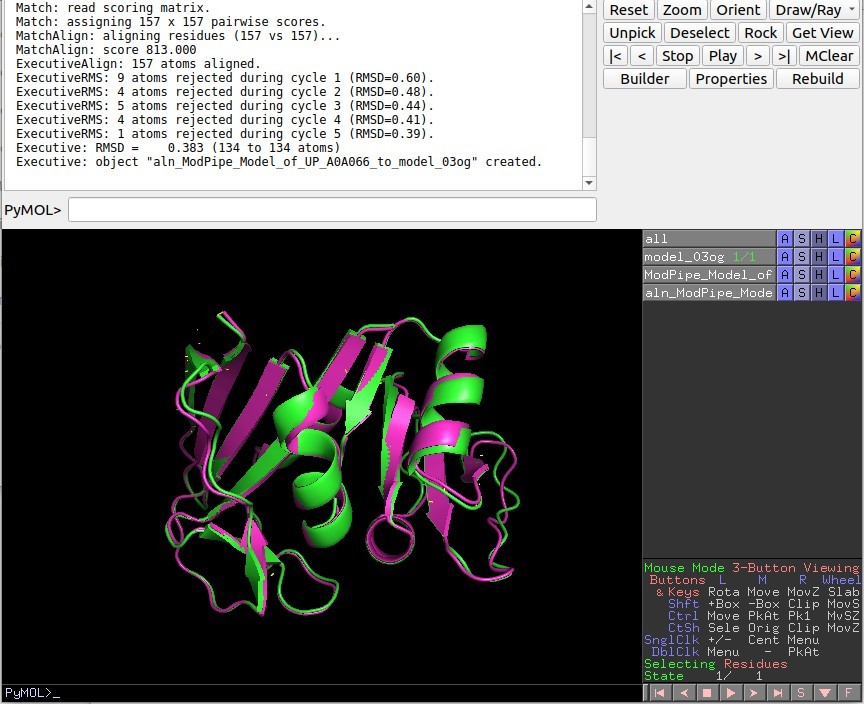


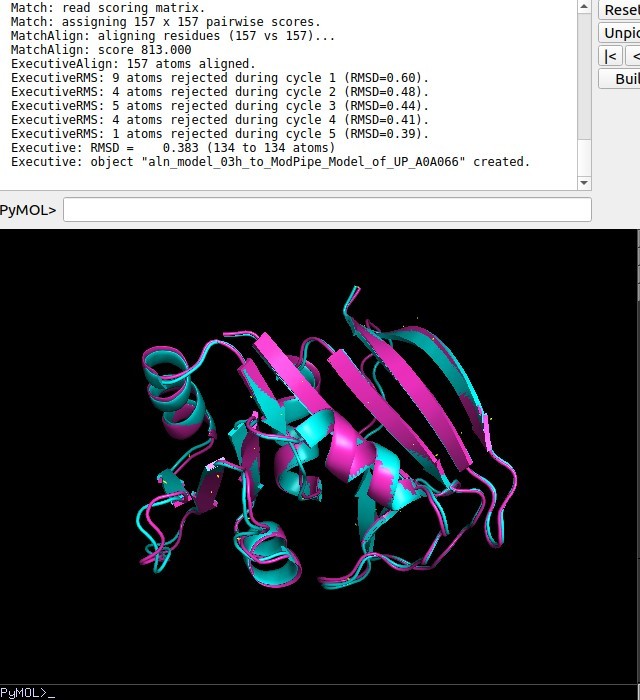


# Model 3: Dihydrofolate reductase from Vibrio cholerae

Comparison between original sequence and homologue(RMSD:0.0)

Comparison between original sequence and ModWeb(RMSD:0.383)



Comparison between homologue and ModWeB(RMSD:0.383)

VAST

