

MODELS LAB EXAMINATION

21BBT034

Homology modelling of SARA (2fnp)

Result

Weighted pair-group average clustering based on a distance matrix:

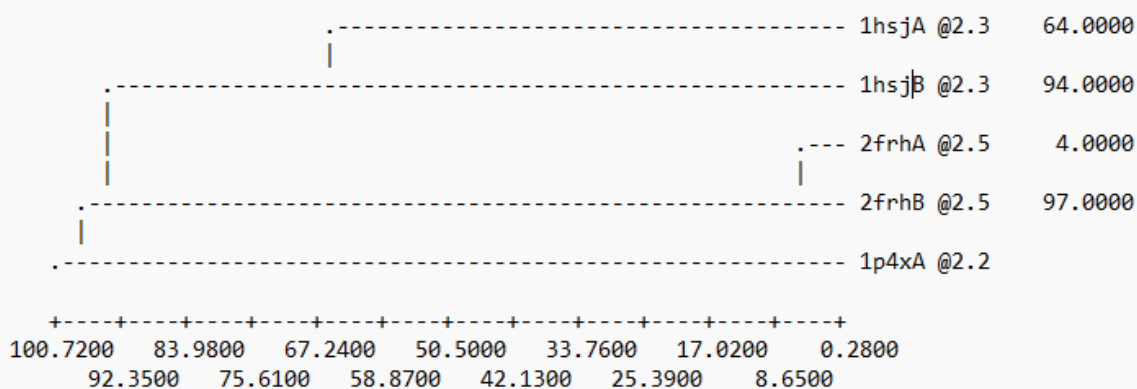


FIG 1. The template is compared and clustered based on their resolution and distance score

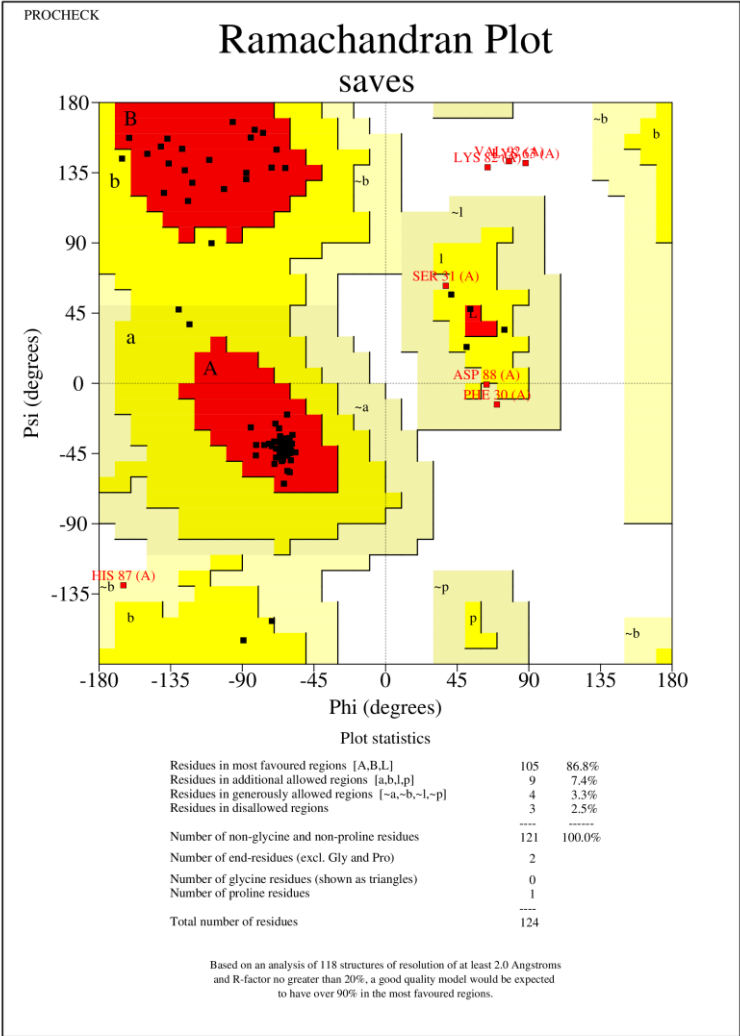
<< end of ENERGY.

>> Summary of successfully produced models:

Filename	molpdf	DOPE score	GA341 score
2fnp.B99990001.pdb	601.81158	-13103.08105	1.00000
2fnp.B99990002.pdb	592.06750	-13267.31934	1.00000
2fnp.B99990003.pdb	630.03180	-13001.94824	1.00000
2fnp.B99990004.pdb	645.49731	-13019.38086	1.00000
2fnp.B99990005.pdb	577.21094	-13207.03906	1.00000

Total CPU time [seconds] : 8.14

FIG 2. The lowest molpdf score molecule is selected and analysed in PROCHECK



saves_01.ps

FIG 3. Analysis in PROCHECK

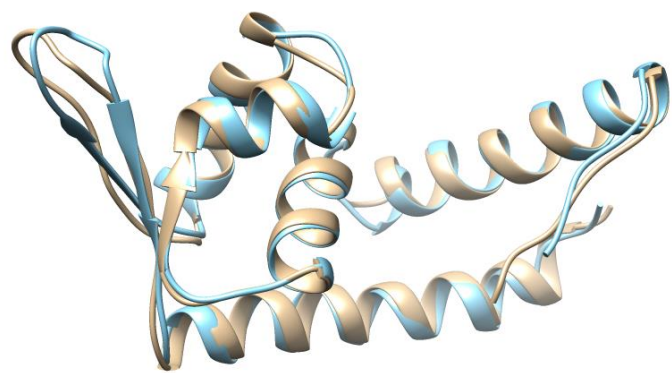


FIG 4. Structure Comparison