MolProbity Ramachandran analysis

1air_.B99990043.pdb, model 1

General case

Psi / Phi
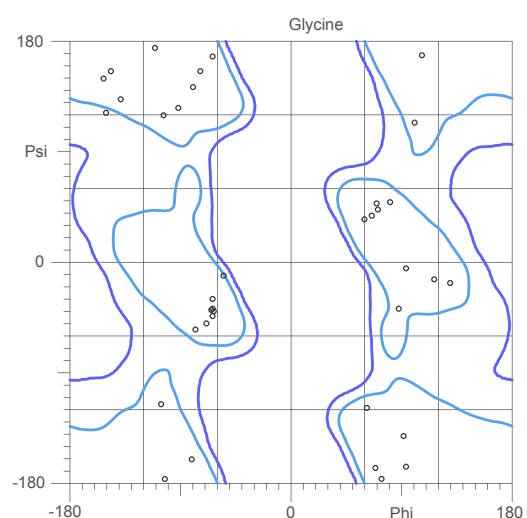
136 ASP
292 TYR
3 ASP
87 PHE
137 ASP
20 SER
299 ASP

Isoleucine and valine

Psi / Phi

29 ILE
205 ILE VAL
54 ILE
340 VAL
294 ILE

Pre-proline

Psi / Phi

219 LEU
138 SER

Glycine

Psi / Phi

Trans proline

Psi / Phi

286 PRO
51 PRO

Cis proline

Psi / Phi
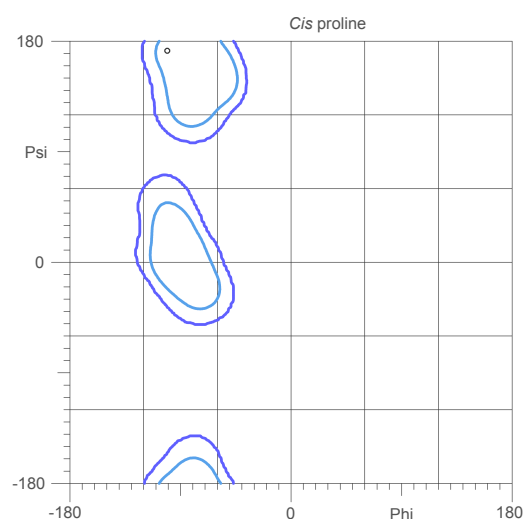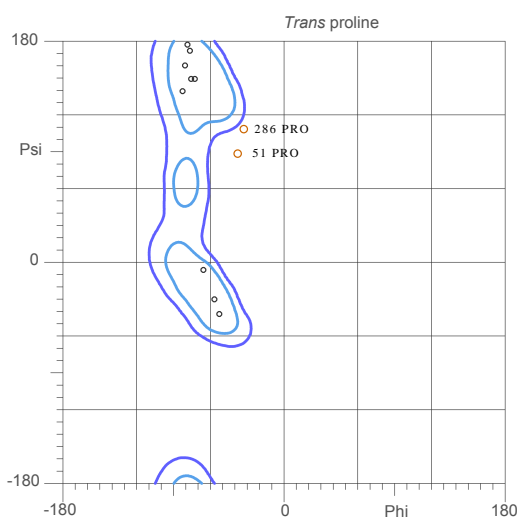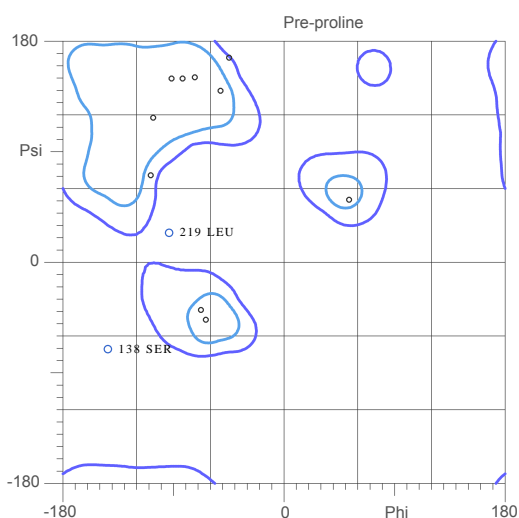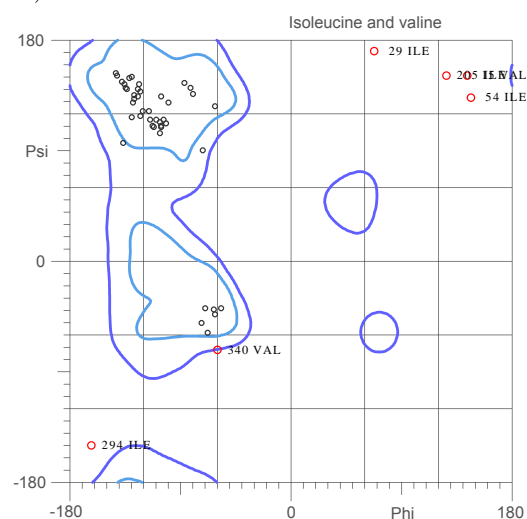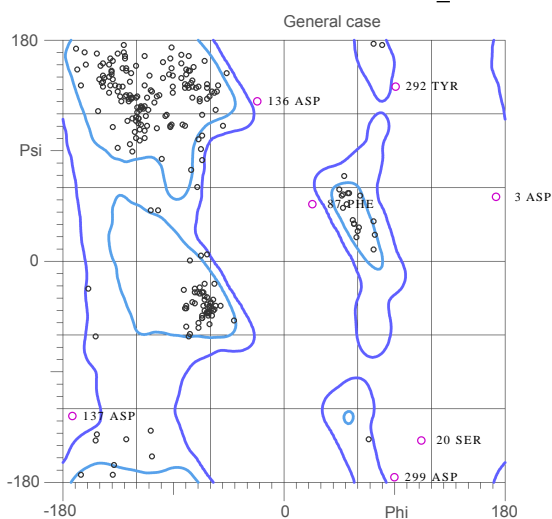
86.9% (304/350) of all residues were in favored (98%) regions.
95.1% (333/350) of all residues were in allowed (>99.8%) regions.

There were 17 outliers (phi, psi):
3 ASP (173.9, 53.2)
15 VAL (144.6, 152.2)
20 SER (112.9, -146.8)
29 ILE (68.1, 172.6)
51 PRO (-38.4, 89.9)
54 ILE (147.7, 134.5)
87 PHE (23.0, 47.0)
136 ASP (-22.5, 131.7)
137 ASP (-173.0, -126.9)
138 SER (-144.8, -71.1)
205 ILE (127.6, 152.1)
219 LEU (-94.3, 24.1)
286 PRO (-33.7, 109.2)
292 TYR (91.4, 143.3)
294 ILE (-163.8, -150.3)
299 ASP (90.5, -176.6)
340 VAL (-60.8, -72.2)