MolProbity Ramachandran analysis

1air_.B99990032.pdb, model 1

General case

136 ASP
297 THR
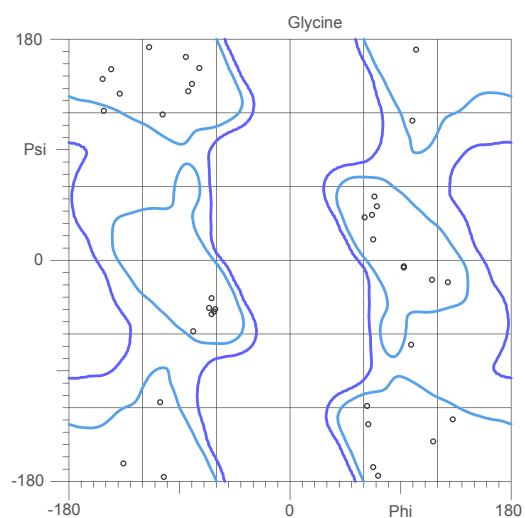137 ASP
20 SER

Psi / Phi

Isoleucine and valine

29 ILE
205 ILE
54 ILE
294 ILE

Psi / Phi

Pre-proline

219 LEU
138 SER

Psi / Phi

Glycine

Psi / Phi

Trans proline

286 PRO
51 PRO
159 PRO

Psi / Phi

Cis proline

Psi / Phi
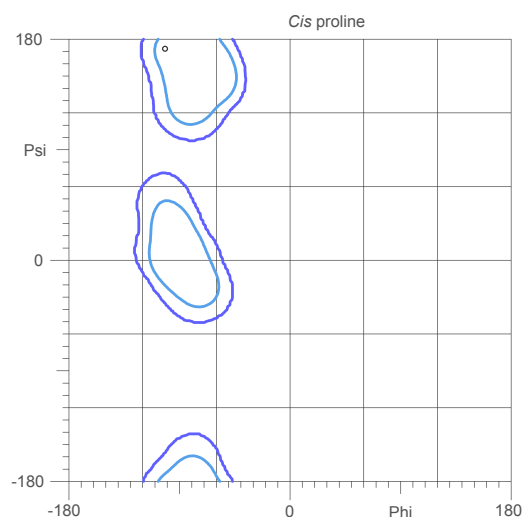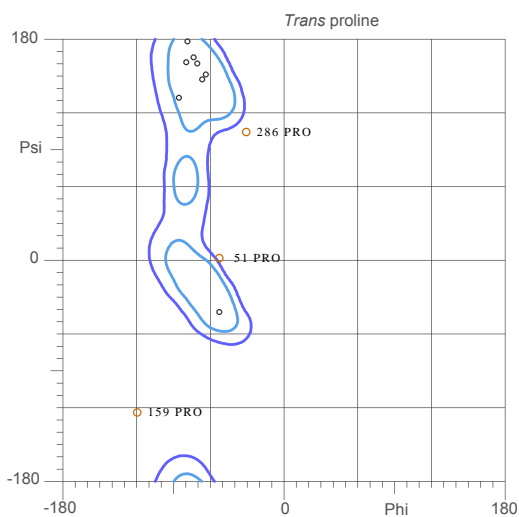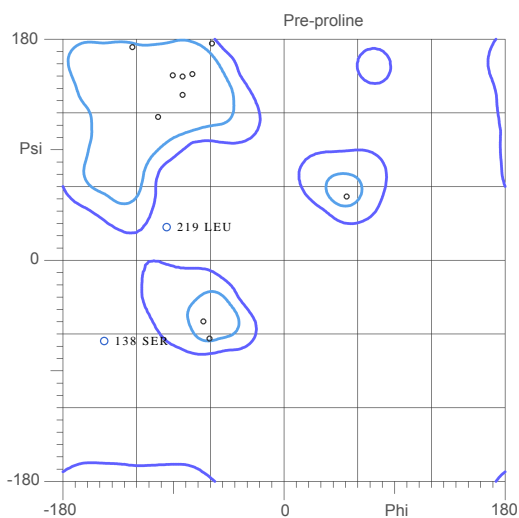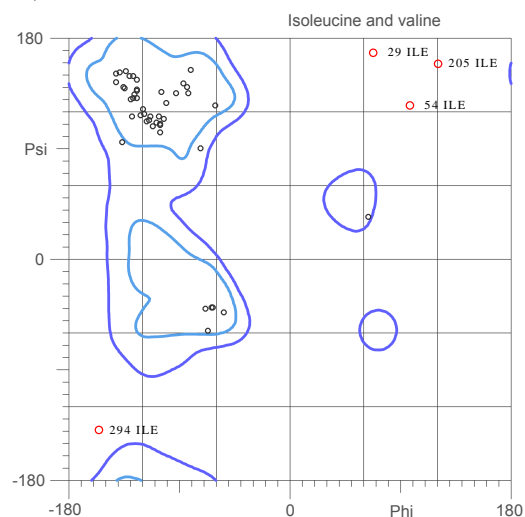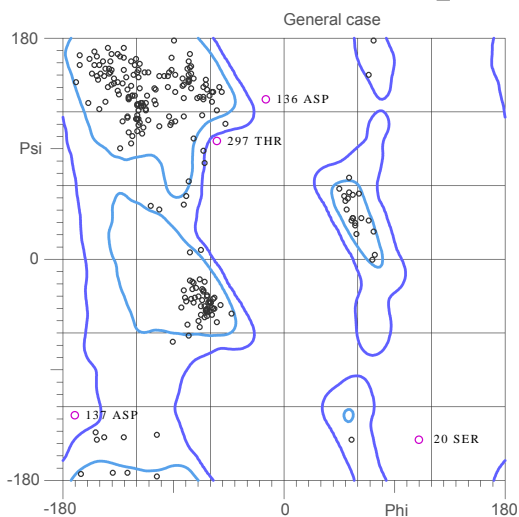
89.1% (312/350) of all residues were in favored (98%) regions.
96.3% (337/350) of all residues were in allowed (>99.8%) regions.

There were 13 outliers (phi, psi):
    20 SER (110.1, -147.5)
    29 ILE (68.5, 169.2)
    51 PRO (-53.7, 2.1)
    54 ILE (98.2, 126.7)
    136 ASP (-15.9, 131.4)
    137 ASP (-171.4, -127.8)
    138 SER (-147.1, -66.7)
    159 PRO (-120.3, -124.6)
    205 ILE (121.2, 160.1)
    219 LEU (-96.1, 27.1)
    286 PRO (-31.3, 105.1)
    294 ILE (-156.4, -140.0)
    297 THR (-56.0, 97.1)