MolProbity Ramachandran analysis

1air_.B99990003.pdb, model 1

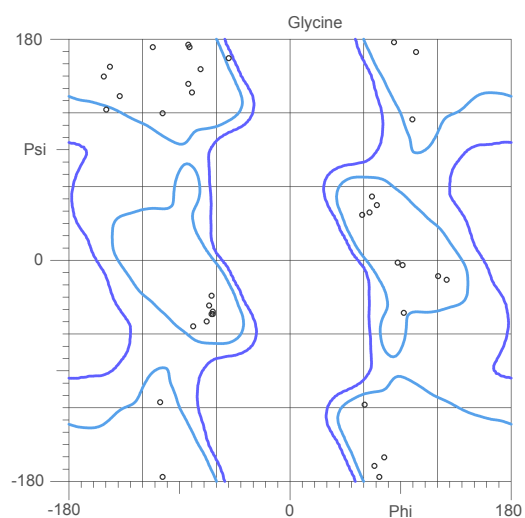General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

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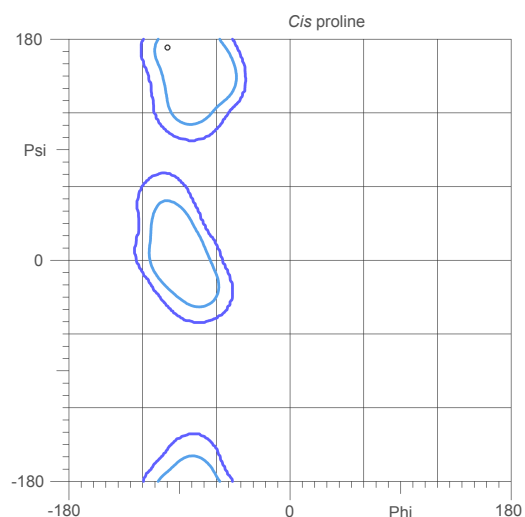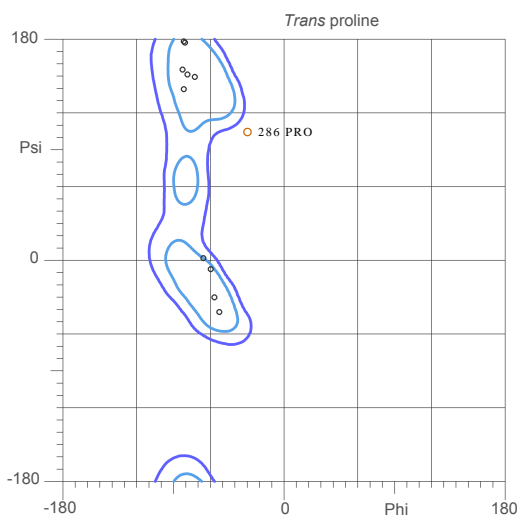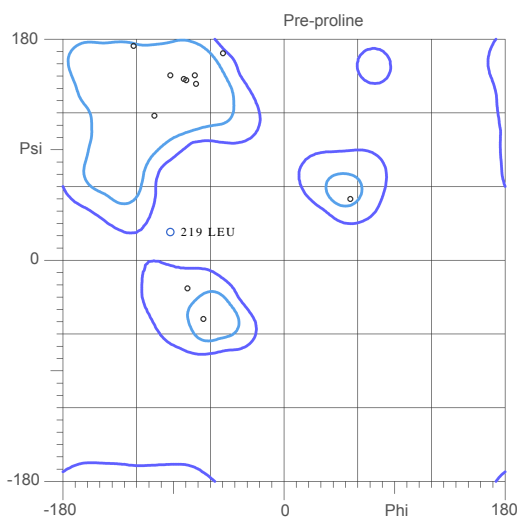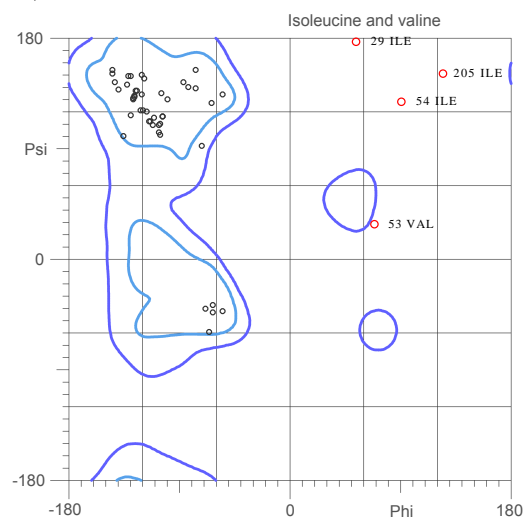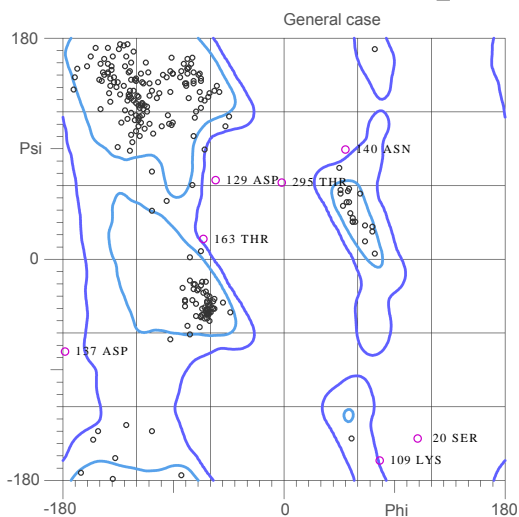
89.1% (312/350) of all residues were in favored (98%) regions.
96.3% (337/350) of all residues were in allowed (>99.8%) regions.

There were 13 outliers (phi, psi):
  20 SER (109.5, -146.2)
  29 ILE (54.7, 178.2)
  53 VAL (69.4, 29.7)
  54 ILE (91.3, 129.2)
  109 LYS (78.7, -164.2)
  129 ASP (-56.9, 65.8)
  137 ASP (-179.3, -75.2)
  140 ASN (50.0, 90.2)
  163 THR (-66.7, 17.2)
  205 ILE (126.0, 152.7)
  219 LEU (-93.6, 23.4)
  286 PRO (-30.4, 105.8)
  295 THR (-2.7, 63.3)