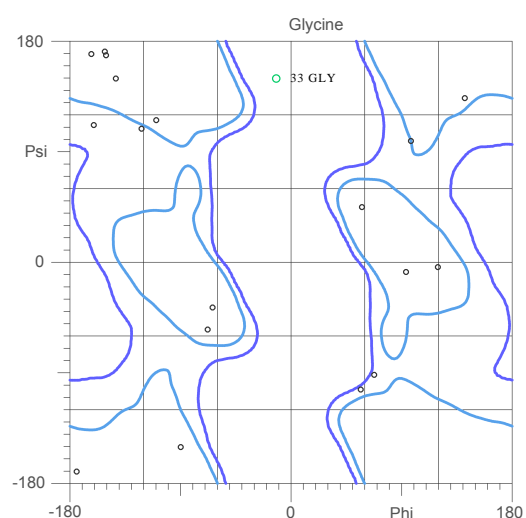# MolProbity Ramachandran analysis

1a02N.B99990042.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
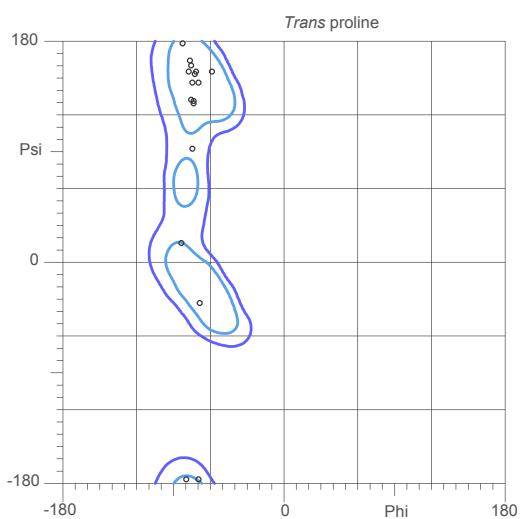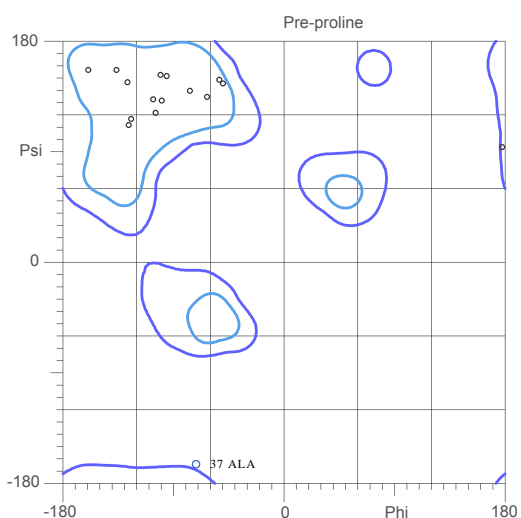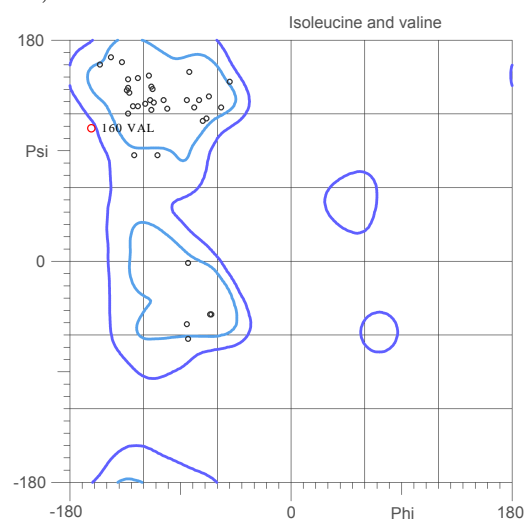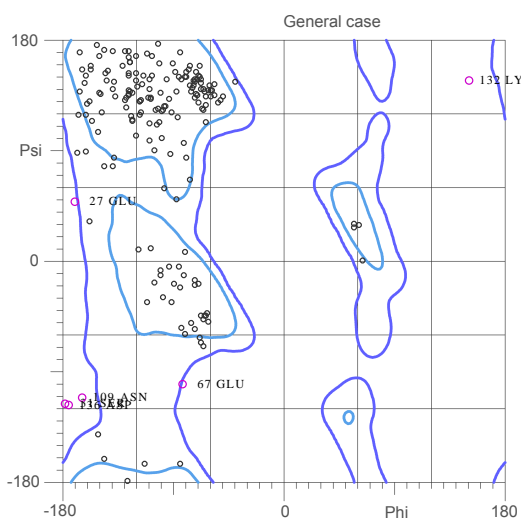
86,7% (241/278) of all residues were in favored (98%) regions.
96,8% (269/278) of all residues were in allowed (>99.8%) regions.

There were 9 outliers (phi, psi):
      27 GLU (-171,9, 49,3)
      31 SER (-179,4, -116,6)
      33 GLY (-12,9, 150,7)
      37 ALA (-72,5, -165,1)
      67 GLU (-83,4, -100,2)
      109 ASN (-165,7, -111,9)
      132 LYS (151,3, 148,6)
      136 ASP (-176,2, -117,3)
      160 VAL (-163,3, 109,3)