MolProbity Ramachandran analysis

1ac5_.B99990012.pdb, model 1

General case
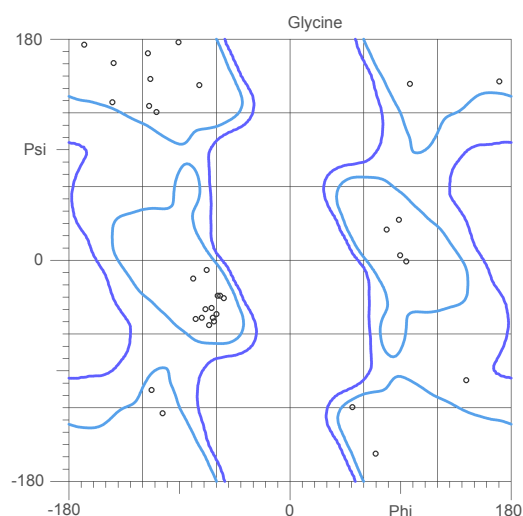
Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
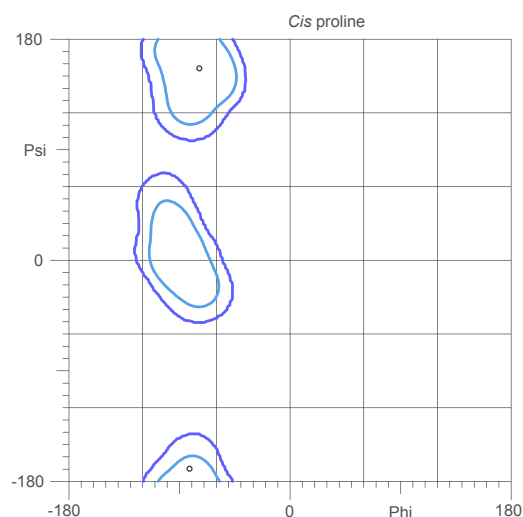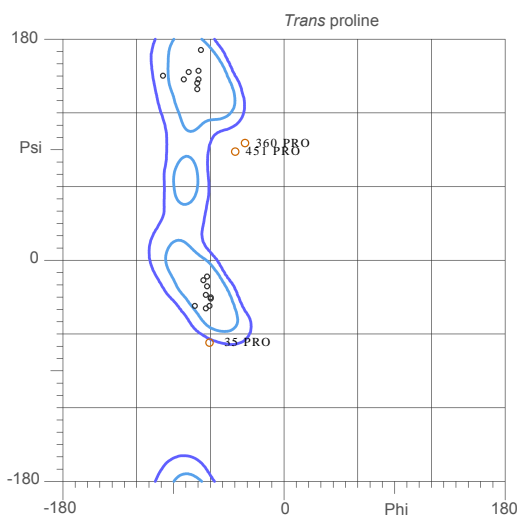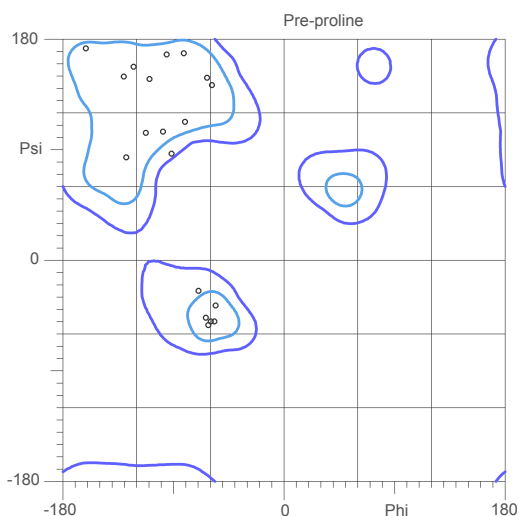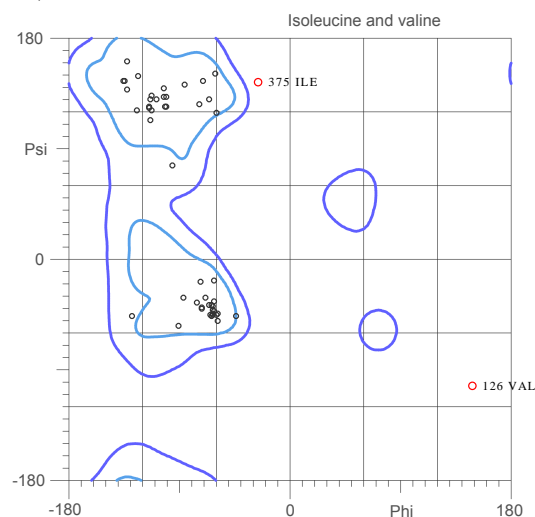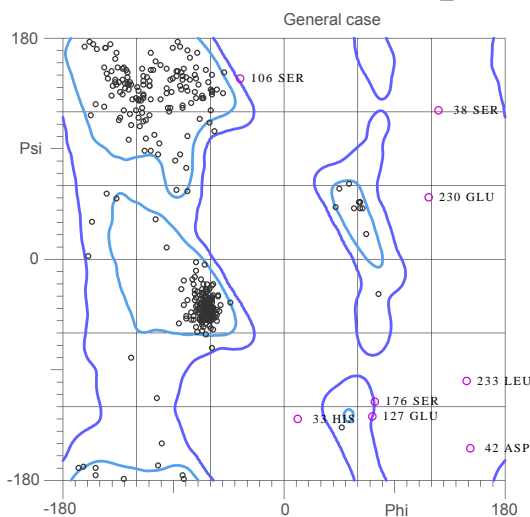
93,1% (448/481) of all residues were in favored (98%) regions.
97,3% (468/481) of all residues were in allowed (>99.8%) regions.

There were 13 outliers (phi, psi):
  33 HIS (11,3, -130,9)
  35 PRO (-61,6, -67,9)
  38 SER (127,0, 122,1)
  42 ASP (152,9, -154,9)
  106 SER (-36,5, 148,6)
  126 VAL (149,3, -103,5)
  127 GLU (72,1, -128,1)
  176 SER (74,0, -116,7)
  230 GLU (118,6, 51,2)
  233 LEU (149,3, -99,3)
  360 PRO (-32,5, 96,3)
  375 ILE (-27,0, 145,3)
  451 PRO (-40,4, 89,6)

Lovell, Davis, et al. Proteins 50:437 (2003)