MolProbity Ramachandran analysis

1ac5_.B99990041.pdb, model 1

General case
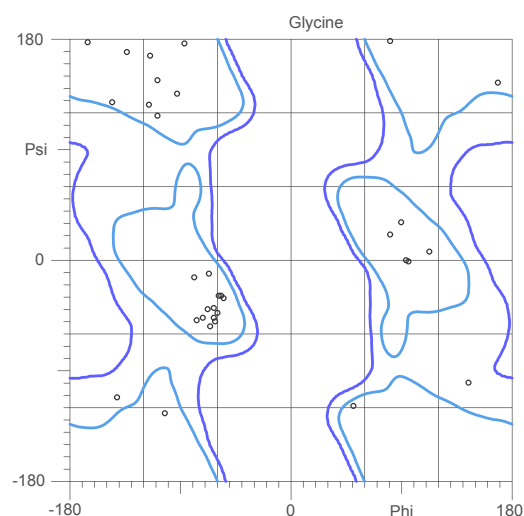
Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
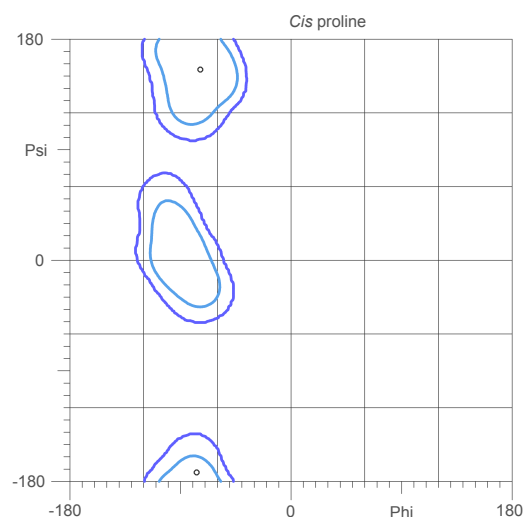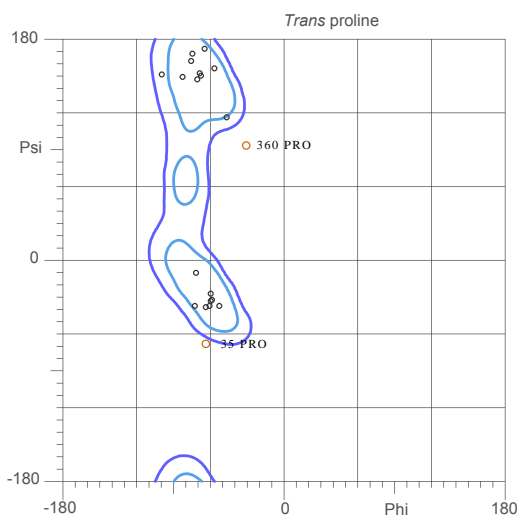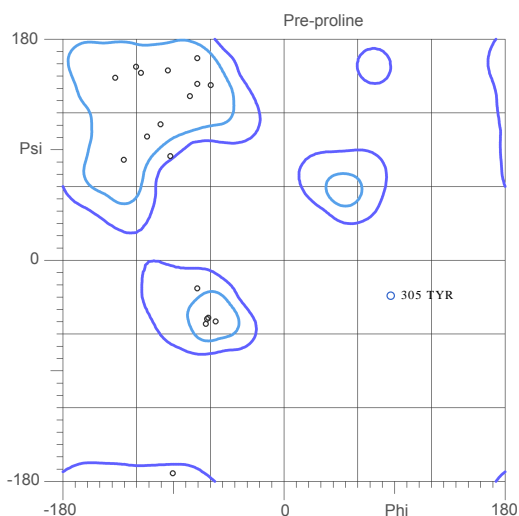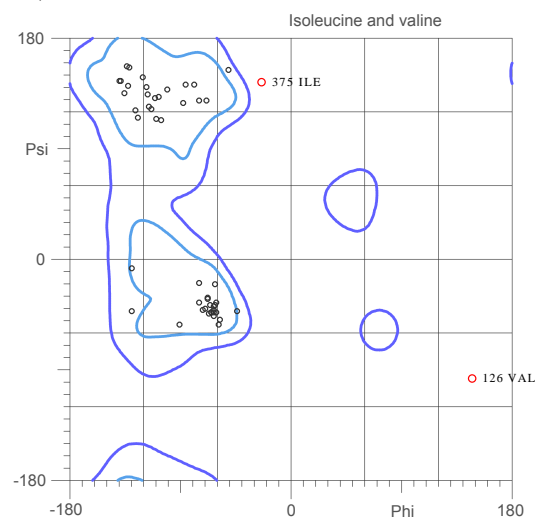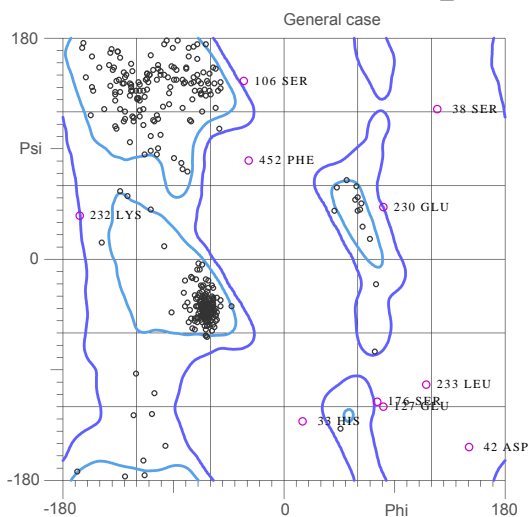
90.9% (437/481) of all residues were in favored (98%) regions.
96.9% (466/481) of all residues were in allowed (>99.8%) regions.

There were 15 outliers (phi, psi):
    33 HIS (15.3, -132.7)
    35 PRO (-64.1, -68.9)
    38 SER (125.2, 123.7)
    42 ASP (151.1, -153.5)
    106 SER (-33.6, 146.1)
    126 VAL (148.9, -97.3)
    127 GLU (81.8, -120.8)
    176 SER (76.7, -117.0)
    230 GLU (81.3, 43.3)
    232 LYS (-167.0, 36.9)
    233 LEU (116.7, -102.1)
    305 TYR (87.8, -29.1)
    360 PRO (-31.4, 94.4)
    375 ILE (-24.7, 145.9)
    452 PHE (-29.2, 81.9)

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