MolProbity Ramachandran analysis

1ac5_.B99990043.pdb, model 1

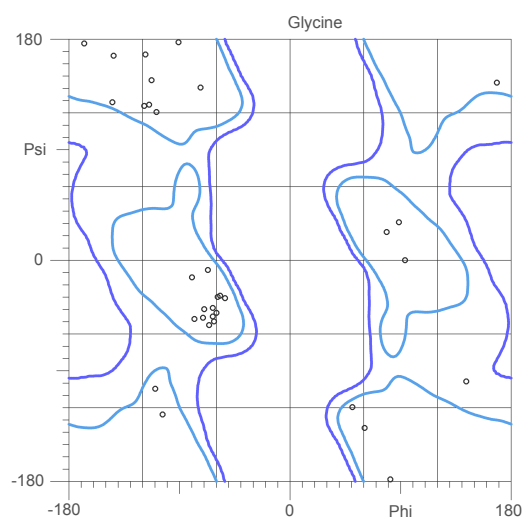General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
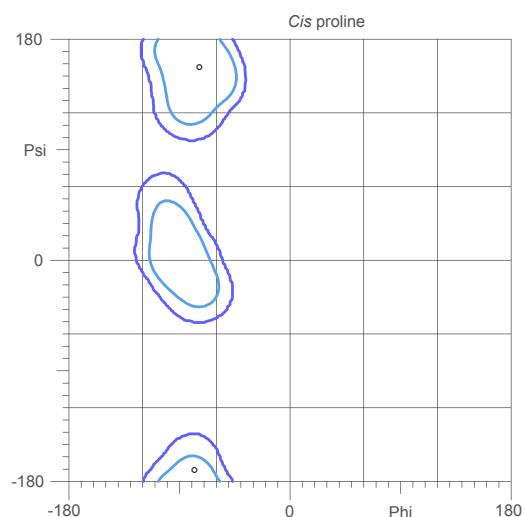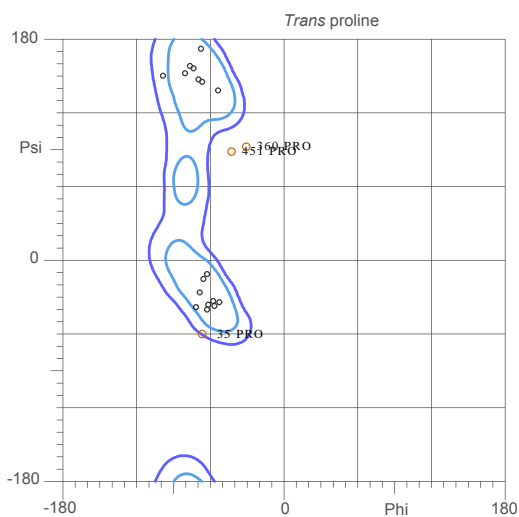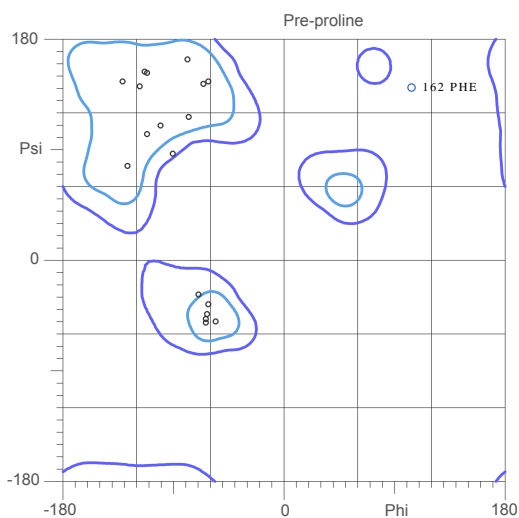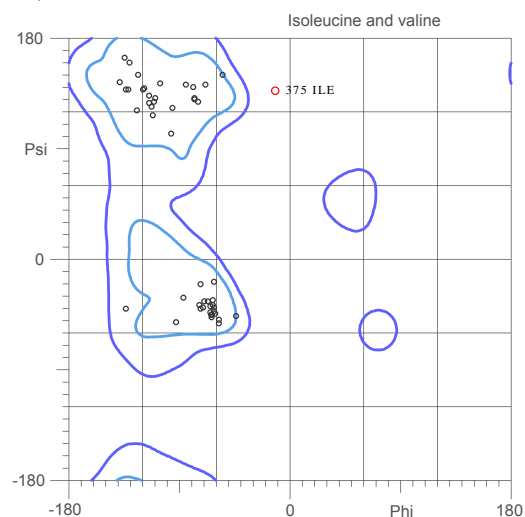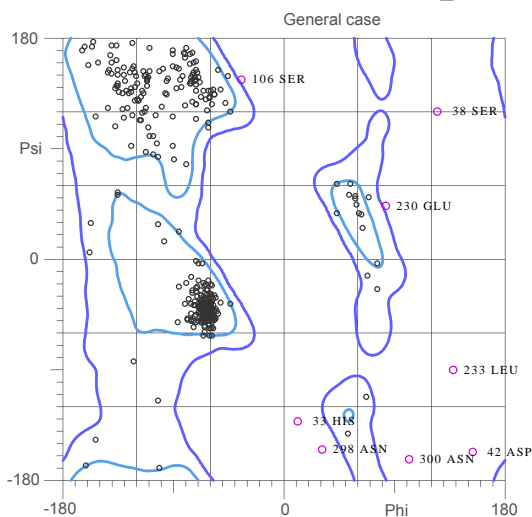
92,1% (443/481) of all residues were in favored (98%) regions.
97,3% (468/481) of all residues were in allowed (>99.8%) regions.

There were 13 outliers (phi, psi):
    33 HIS (11,5, -132,3)
    35 PRO (-67,8, -60,6)
    38 SER (125,4, 121,0)
    42 ASP (154,8, -157,2)
    106 SER (-35,4, 147,9)
    162 PHE (104,6, 141,4)
    230 GLU (83,7, 44,8)
    233 LEU (138,1, -90,9)
    298 ASN (31,9, -155,6)
    300 ASN (102,2, -163,5)
    360 PRO (-31,5, 93,8)
    375 ILE (-12,3, 138,4)
    451 PRO (-43,8, 89,8)