MolProbity Ramachandran analysis

1aop_.B99990040.pdb, model 1

General case
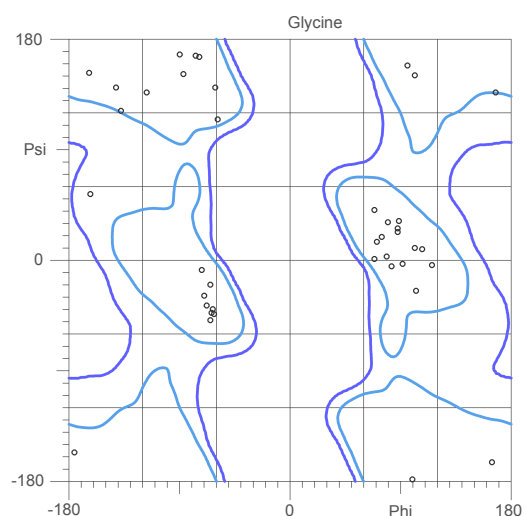
Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
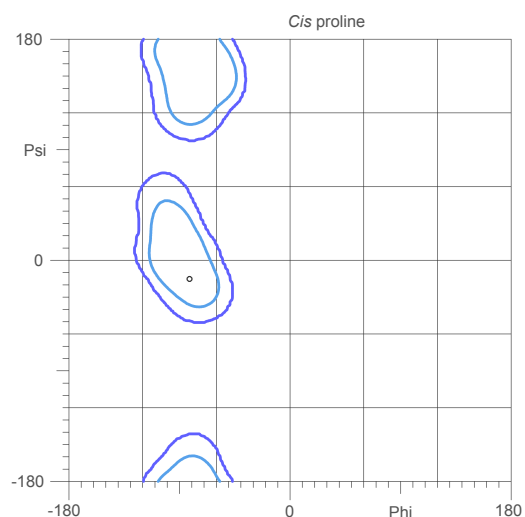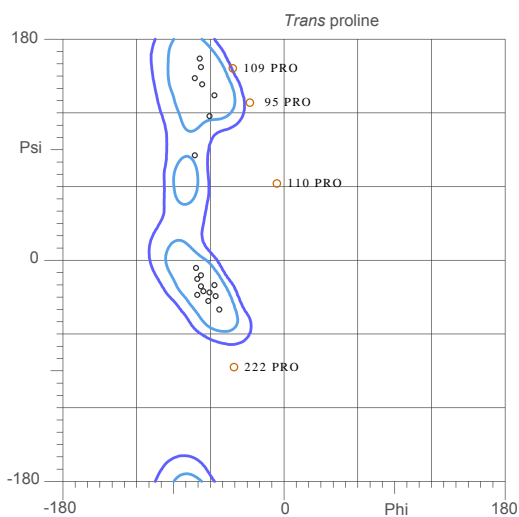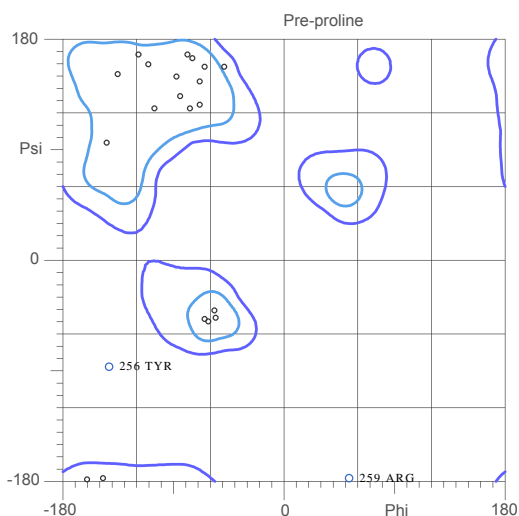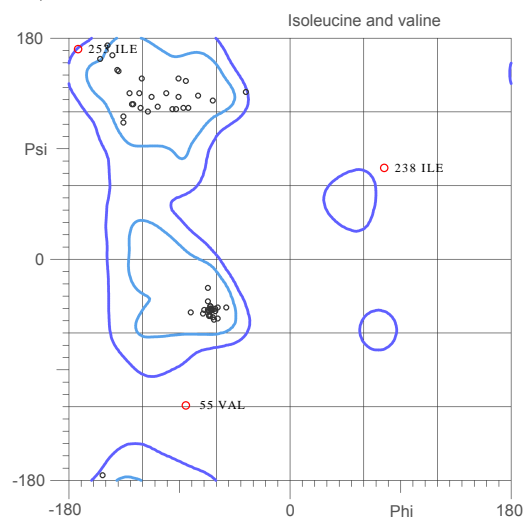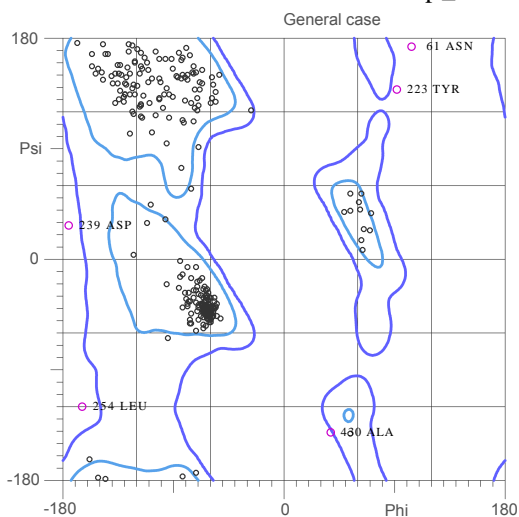
92,5% (420/454) of all residues were in favored (98%) regions.
96,9% (440/454) of all residues were in allowed (>99.8%) regions.

There were 14 outliers (phi, psi):
    55 VAL (-85,8, -119,5)
    61 ASN (104,5, 174,2)
    95 PRO (-28,4, 129,1)
    109 PRO (-42,7, 157,0)
    110 PRO (-6,7, 63,6)
    222 PRO (-41,7, -87,4)
    223 TYR (92,4, 139,5)
    238 ILE (77,7, 75,2)
    239 ASP (-177,0, 28,1)
    253 ILE (-173,4, 172,7)
    254 LEU (-165,2, -120,1)
    256 TYR (-144,0, -87,3)
    259 ARG (53,2, -178,4)
    430 ALA (38,3, -141,4)