MolProbity Ramachandran analysis

1aop_.B99990026.pdb, model 1

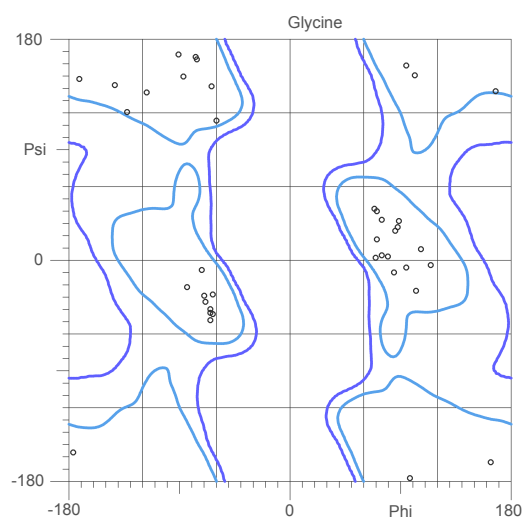

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
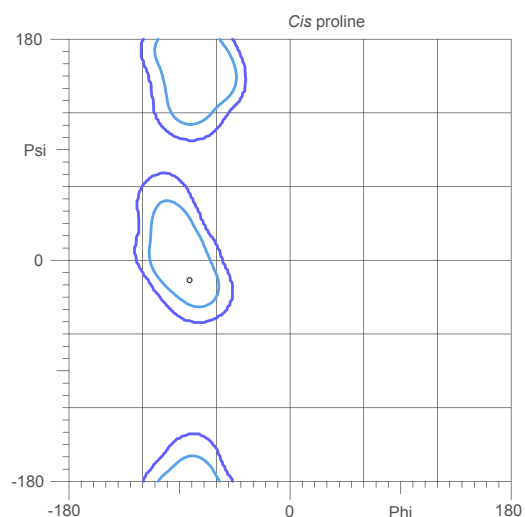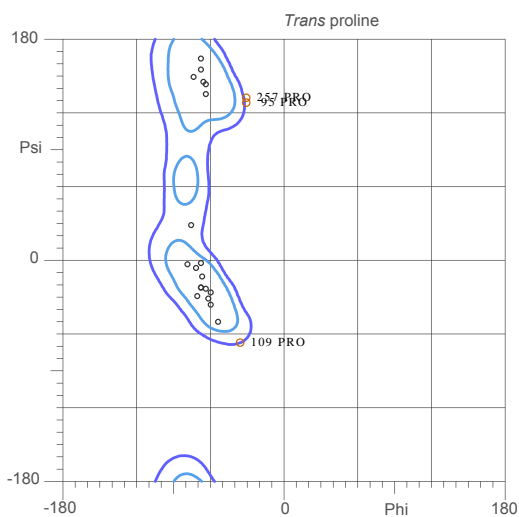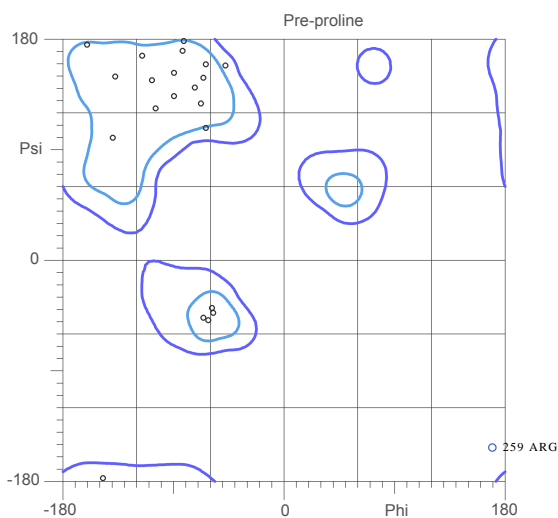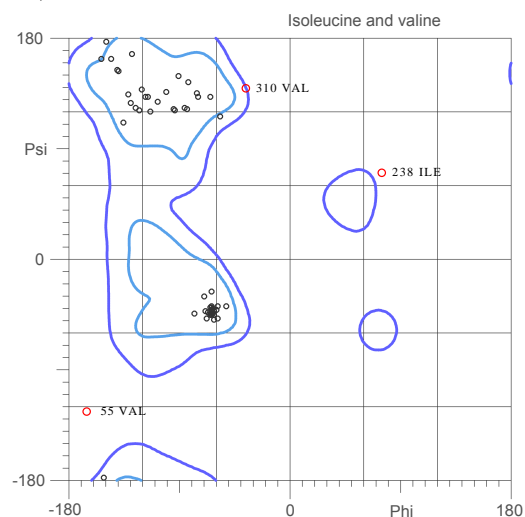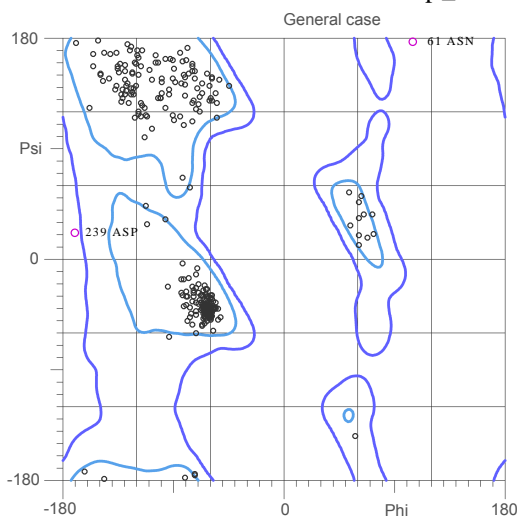
94.9% (431/454) of all residues were in favored (98%) regions.
98.0% (445/454) of all residues were in allowed (>99.8%) regions.

There were 9 outliers (phi, psi):
    55 VAL (-166.6, -124.6)
    61 ASN (105.8, 178.4)
    95 PRO (-31.8, 130.0)
    109 PRO (-36.4, -67.7)
    238 ILE (75.2, 71.4)
    239 ASP (-171.9, 22.4)
    257 PRO (-31.7, 133.4)
    259 ARG (170.6, -153.8)
    310 VAL (-36.3, 140.7)