MolProbity Ramachandran analysis

1aop_.B99990035.pdb, model 1

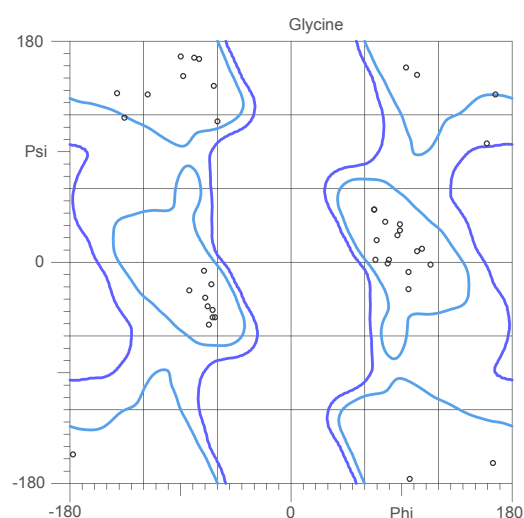
General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
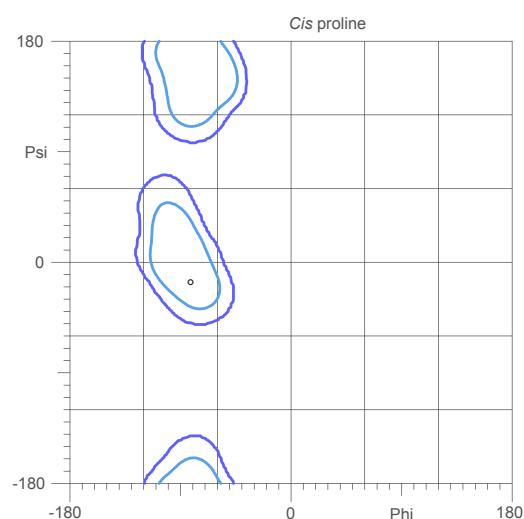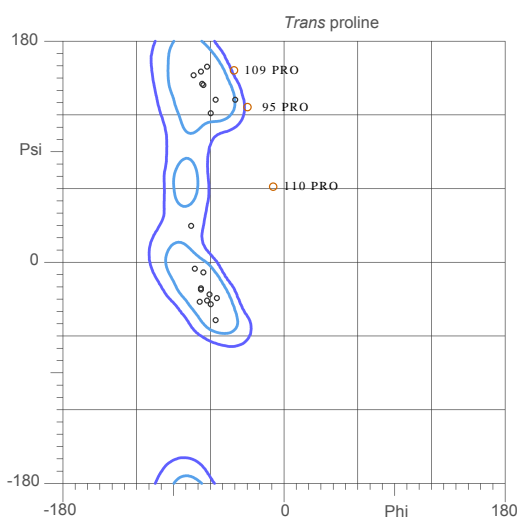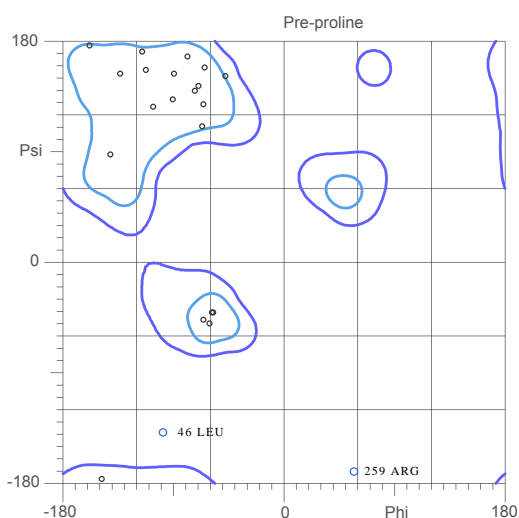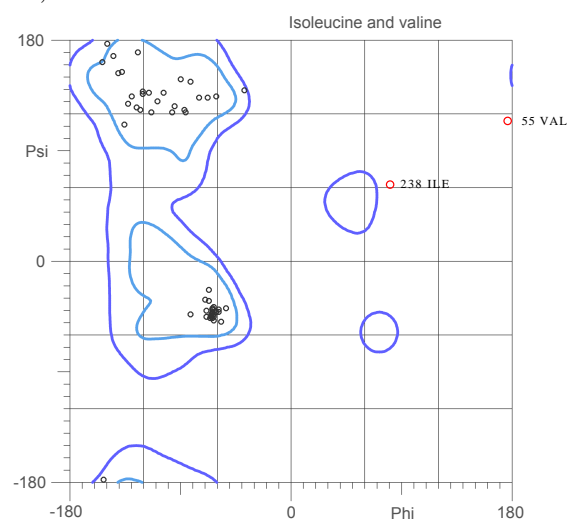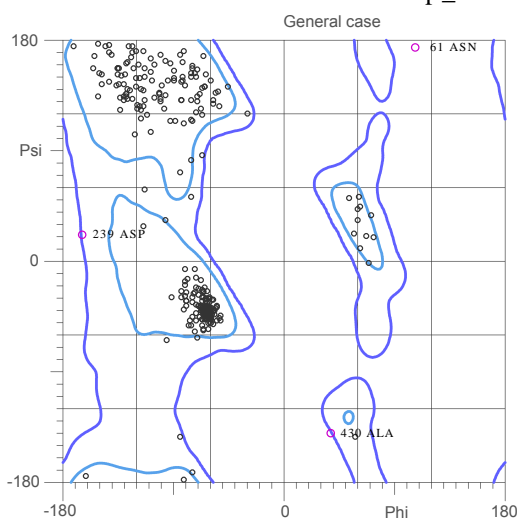
93,2% (423/454) of all residues were in favored (98%) regions.
97,8% (444/454) of all residues were in allowed (>99.8%) regions.

There were 10 outliers (phi, psi):
    46 LEU (-99,1, -139,4)
    55 VAL (177,1, 115,4)
    61 ASN (107,5, 175,8)
    95 PRO (-30,1, 127,2)
    109 PRO (-41,6, 157,2)
    110 PRO (-9,8, 62,3)
    238 ILE (81,3, 63,7)
    239 ASP (-165,7, 22,1)
    259 ARG (57,1, -171,0)
    430 ALA (38,9, -140,5)