MolProbity Ramachandran analysis

1at3A.B99990034.pdb, model 1

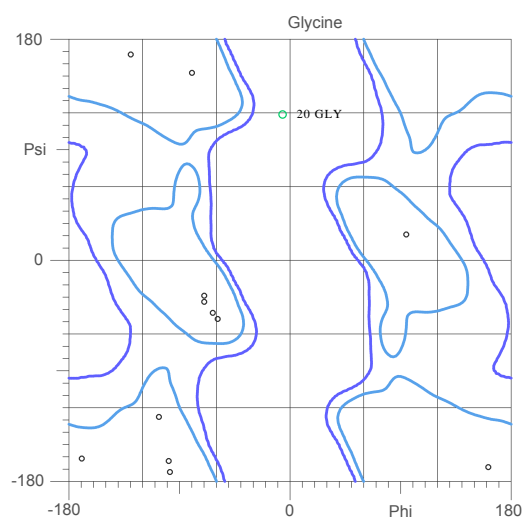General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
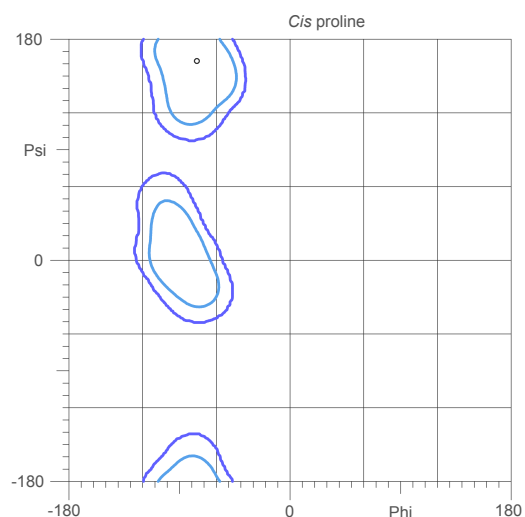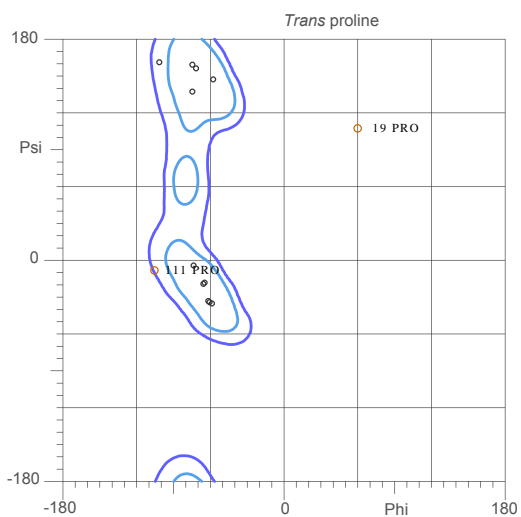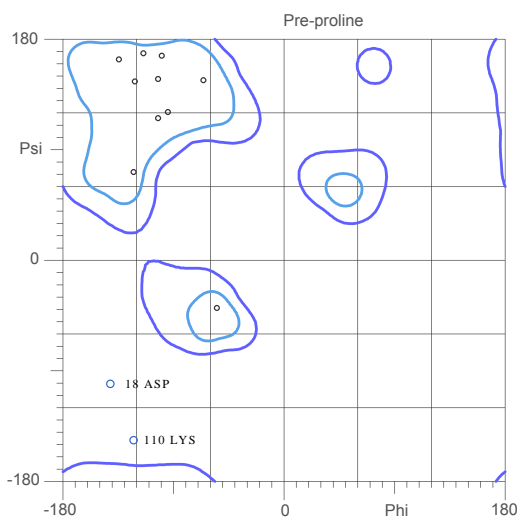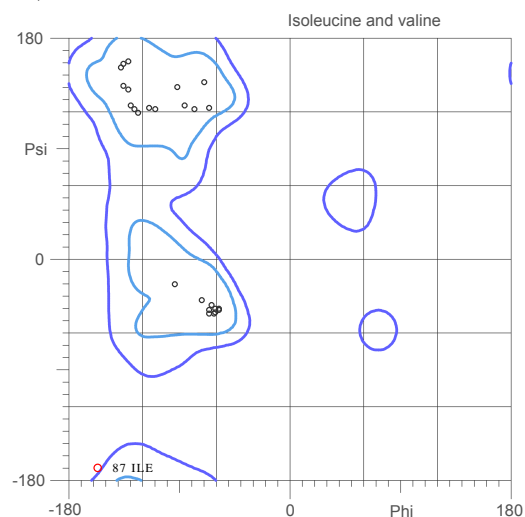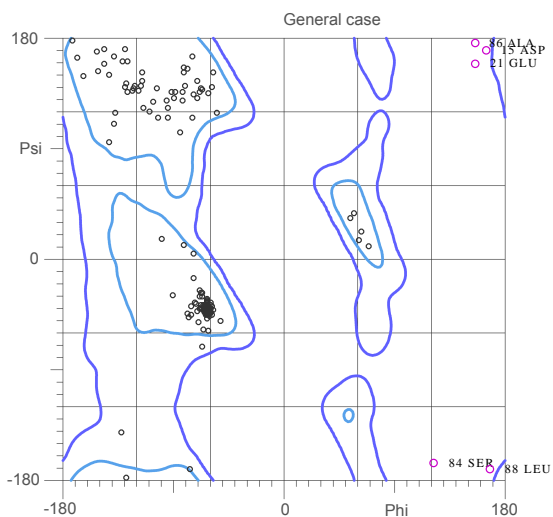
93,5% (201/215) of all residues were in favored (98%) regions.
94,9% (204/215) of all residues were in allowed (>99.8%) regions.

There were 11 outliers (phi, psi):
    15 ASP (165,2, 171,0)
    18 ASP (-142,4, -101,4)
    19 PRO (60,4, 108,7)
    20 GLY (-6,1, 119,3)
    21 GLU (156,5, 160,8)
    84 SER (122,3, -166,1)
    86 ALA (156,1, 177,5)
    87 ILE (-157,9, -170,8)
    88 LEU (168,7, -171,0)
    110 LYS (-123,9, -147,8)
    111 PRO (-106,9, -8,4)