MolProbity Ramachandran analysis
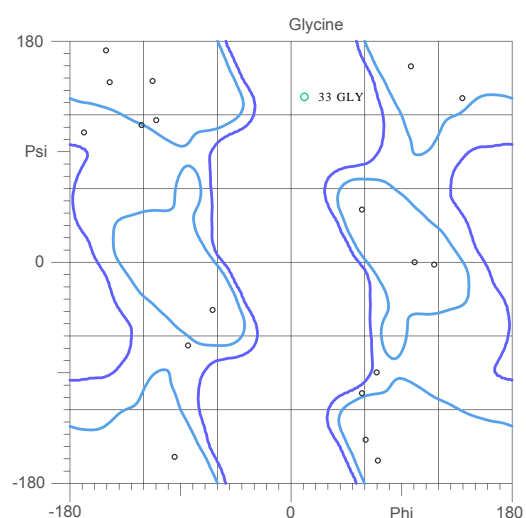
1a02N.B99990049.pdb, model 1

General case

○ 132 LYS
○ 181 MET
○ 109 ASN
○ 136 ASP

Isoleucine and valine

○ 160 VAL
○ 95 VAL

Pre-proline

○ 37 ALA

Glycine

○ 33 GLY

Trans proline

○ 180 PRO

Cis proline
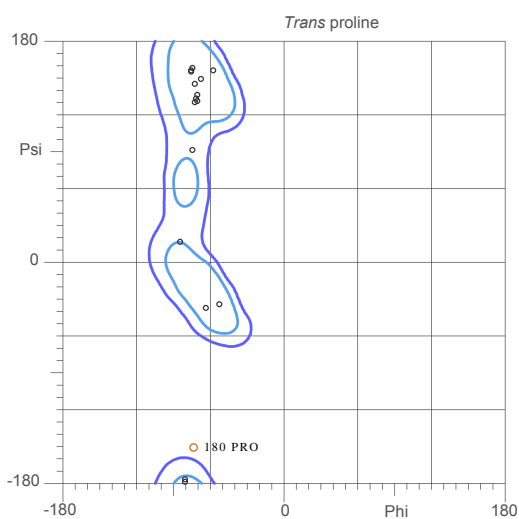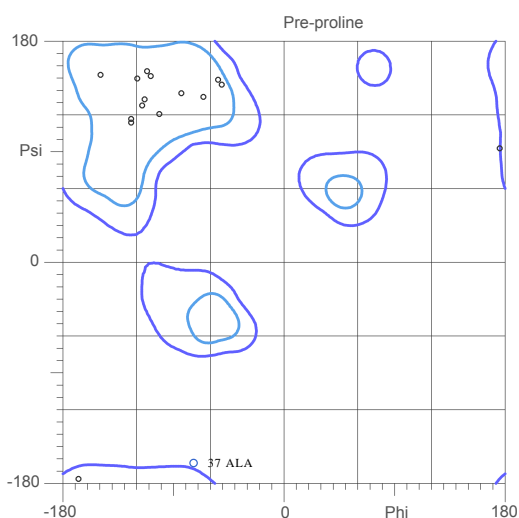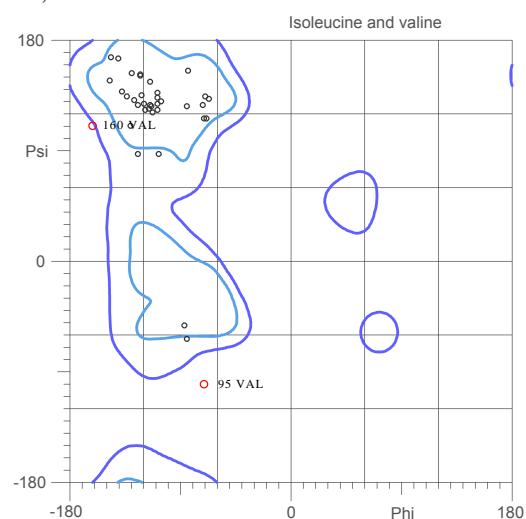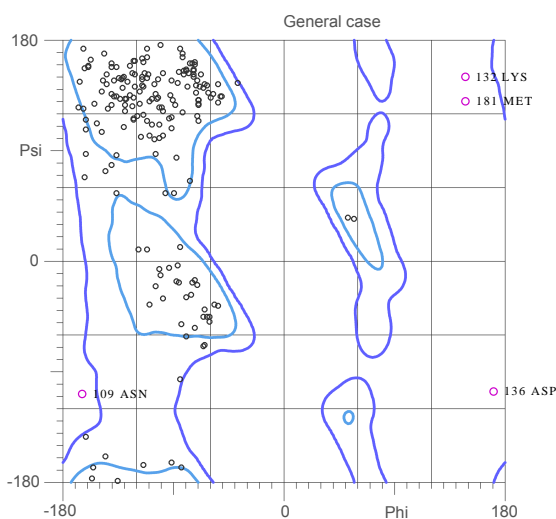
86,3% (240/278) of all residues were in favored (98%) regions.
96,8% (269/278) of all residues were in allowed (>99.8%) regions.

There were 9 outliers (phi, psi):
    33 GLY (11,9, 135,5)
    37 ALA (-74,9, -164,7)
    95 VAL (-71,2, -100,4)
    109 ASN (-165,1, -108,4)
    132 LYS (148,5, 151,2)
    136 ASP (171,8, -106,9)
    160 VAL (-162,1, 111,4)
    180 PRO (-74,1, -151,5)
    181 MET (148,1, 131,1)