MolProbity Ramachandran analysis

16pk_.B99990032.pdb, model 1

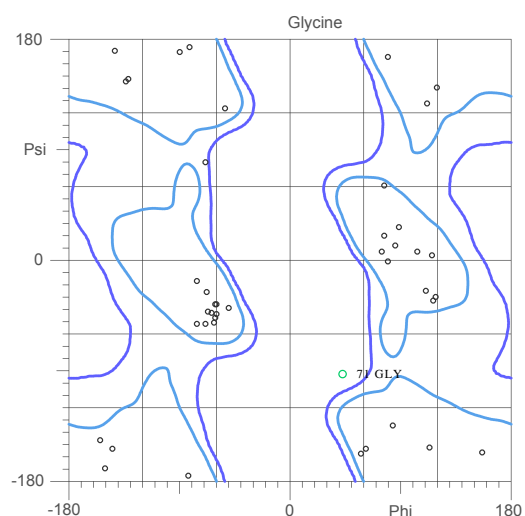General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
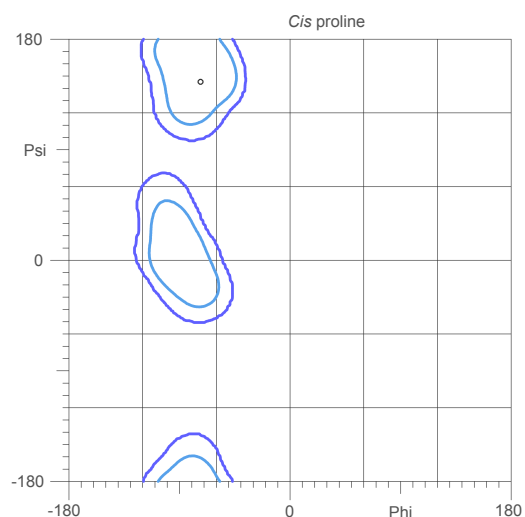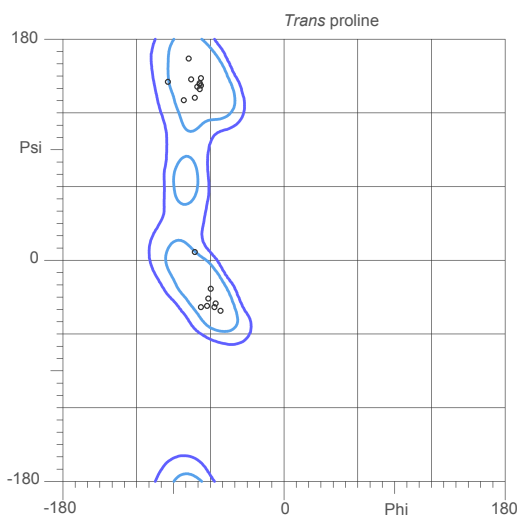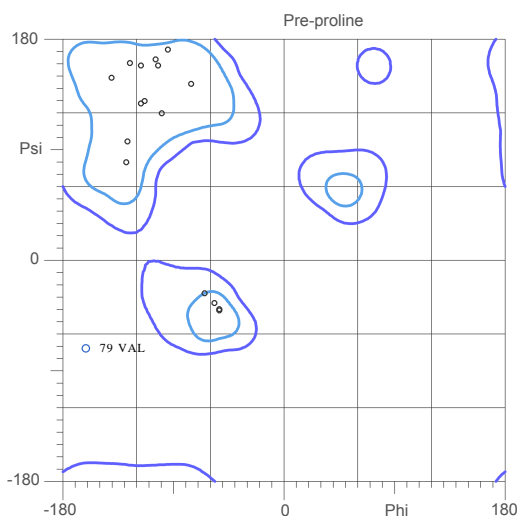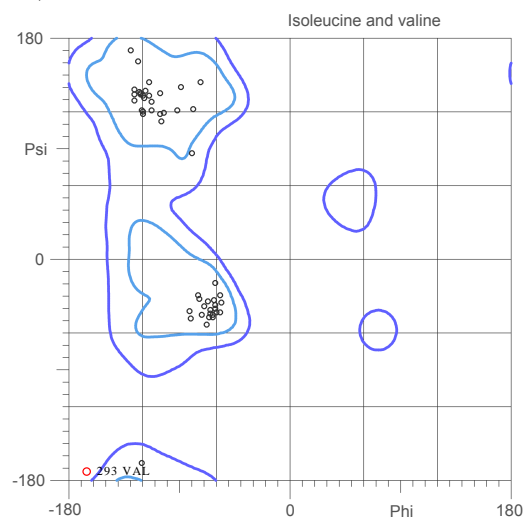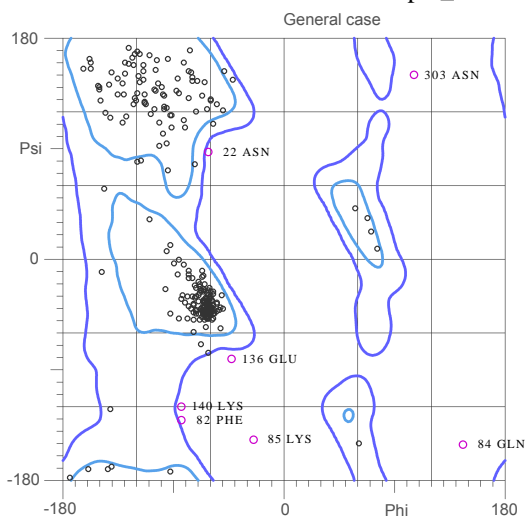
93,5% (386/413) of all residues were in favored (98%) regions.
97,6% (403/413) of all residues were in allowed (>99.8%) regions.

There were 10 outliers (phi, psi):
    22 ASN (-62,1, 88,8)
    71 GLY (43,9, -93,2)
    79 VAL (-162,7, -72,5)
    82 PHE (-84,2, -131,1)
    84 GLN (147,0, -151,2)
    85 LYS (-25,8, -147,3)
    136 GLU (-43,9, -81,9)
    140 LYS (-84,0, -120,7)
    293 VAL (-166,2, -173,5)
    303 ASN (106,3, 151,7)