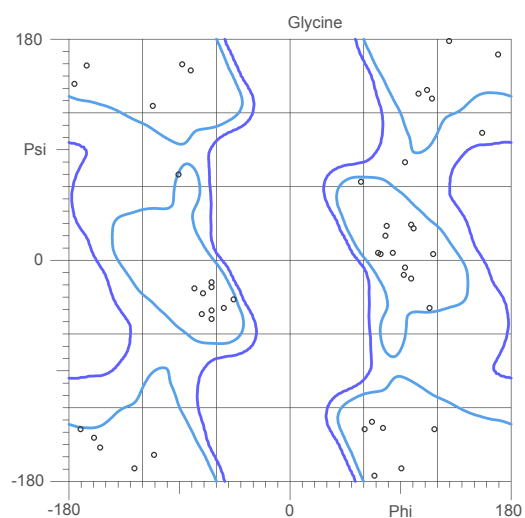# MolProbity Ramachandran analysis

1a8i_.B99990048.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
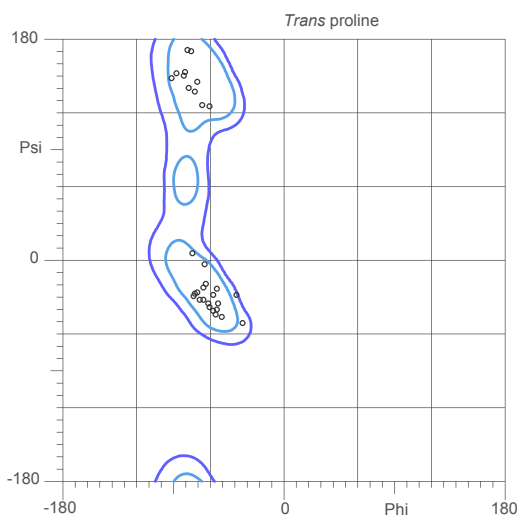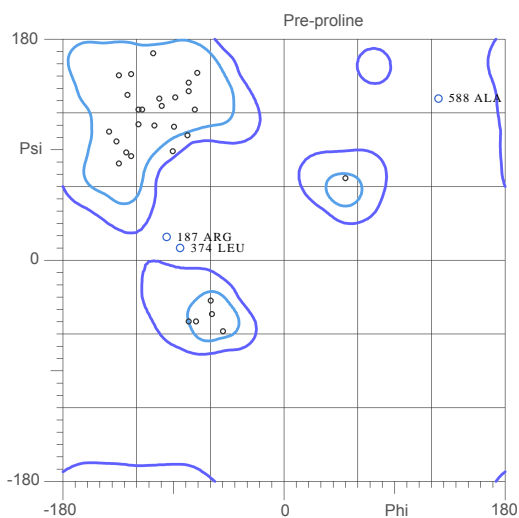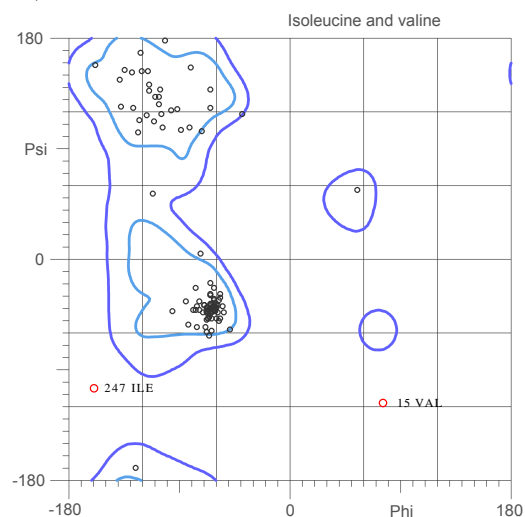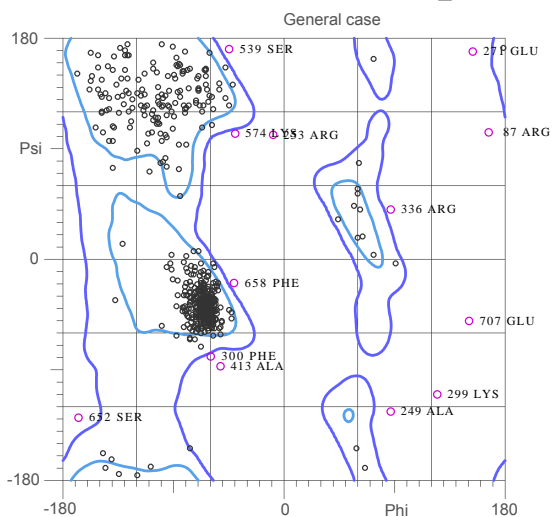
92.5% (749/810) of all residues were in favored (98%) regions.
97.8% (792/810) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
    15 VAL (76.1, -117.8)
    87 ARG (167.4, 104.5)
    187 ARG (-96.6, 19.9)
    247 ILE (-160.1, -105.7)
    249 ALA (87.8, -124.6)
    253 ARG (-9.7, 102.0)
    271 GLU (154.8, 170.6)
    299 LYS (125.1, -110.1)
    300 PHE (-60.2, -79.6)
    336 ARG (87.1, 41.1)
    374 LEU (-85.1, 10.0)
    413 ALA (-53.0, -87.8)
    539 SER (-85.2, 172.6)
    574 LYS (-40.1, 103.4)
    588 ALA (-126.4, 132.4)
    652 SER (-168.5, -129.5)
    658 PHE (-41.1, -19.5)
    707 GLU (151.1, -50.9)