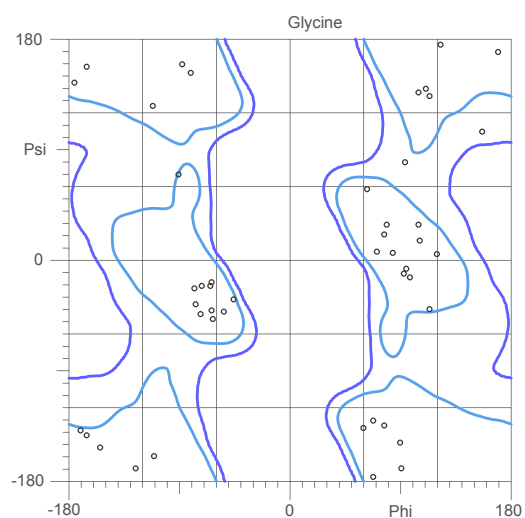# MolProbity Ramachandran analysis

1a8i_.B99990011.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
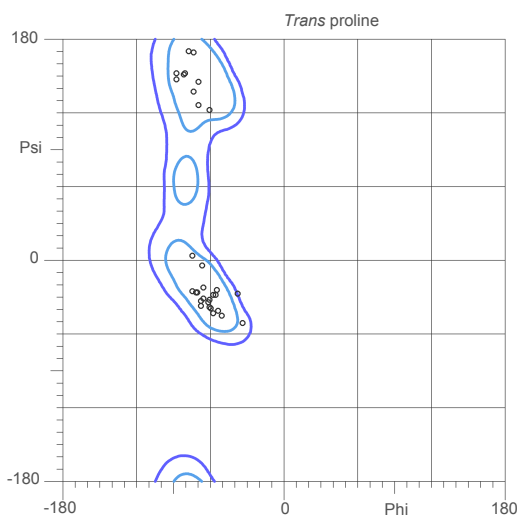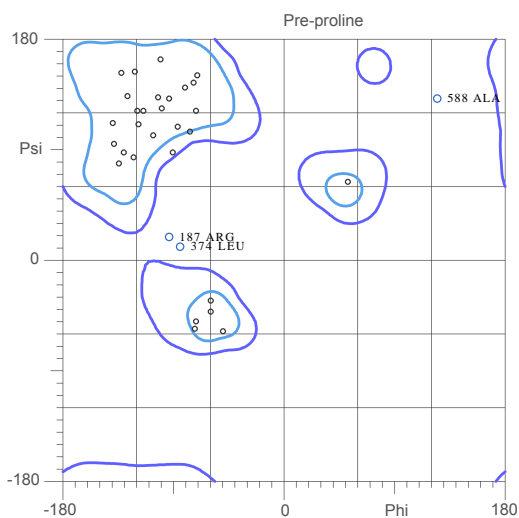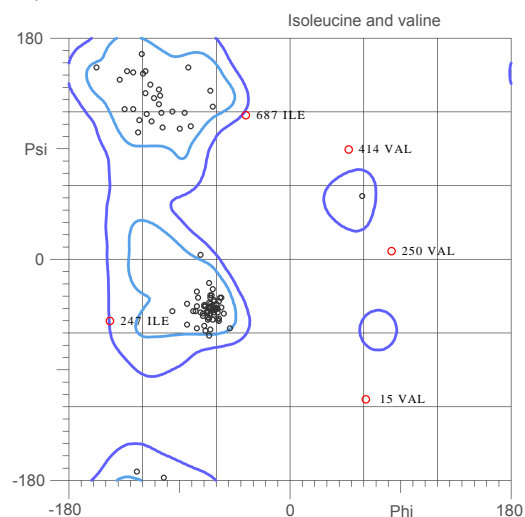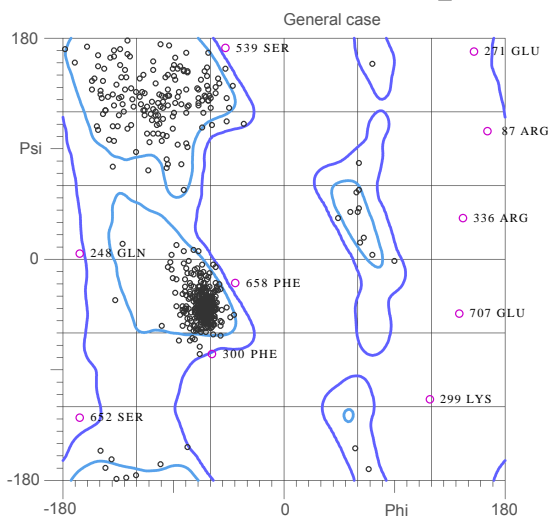
92.8% (752/810) of all residues were in favored (98%) regions.
97.8% (792/810) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
 15 VAL (62.0, -114.2)
 87 ARG (166.7, 105.2)
 187 ARG (-94.2, 19.7)
 247 ILE (-147.8, -50.6)
 248 GLN (-168.0, 6.0)
 250 VAL (83.1, 7.1)
 271 GLU (155.1, 170.1)
 299 LYS (119.8, -114.9)
 300 PHE (-60.0, -77.9)
 336 ARG (146.9, 54.2)
 374 LEU (-85.9, 11.5)
 414 VAL (48.8, 90.0)
 539 SER (-48.3, 173.3)
 588 ALA (125.9, 132.0)
 652 SER (-167.8, -129.4)
 658 PHE (-40.5, -19.8)
 687 ILE (-36.3, 118.5)
 707 GLU (143.4, -44.6)