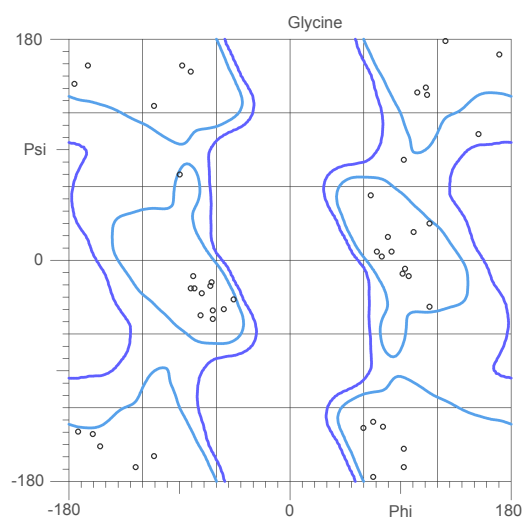# MolProbity Ramachandran analysis

1a8i_.B99990018.pdb, model 1

General case

539 SER
271 GLU
87 ARG
336 ARG
658 PHE
707 GLU
299 LYS
652 SER

Isoleucine and valine

687 ILE
414 VAL
250 VAL
247 ILE
15 VAL

Pre-proline

588 ALA
187 ARG
374 LEU

Glycine

Trans proline

Cis proline
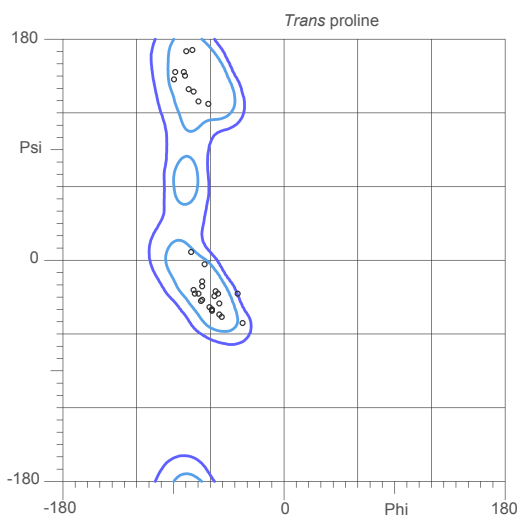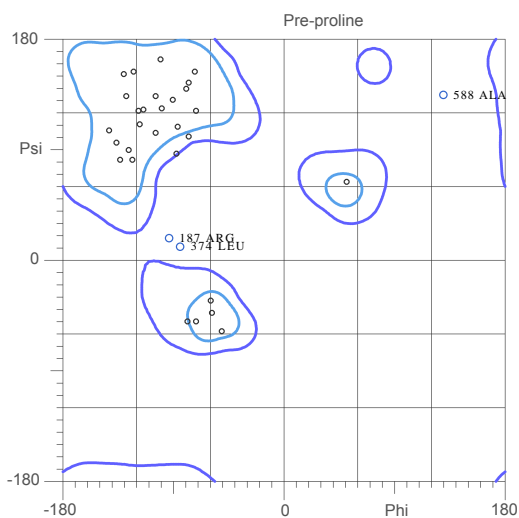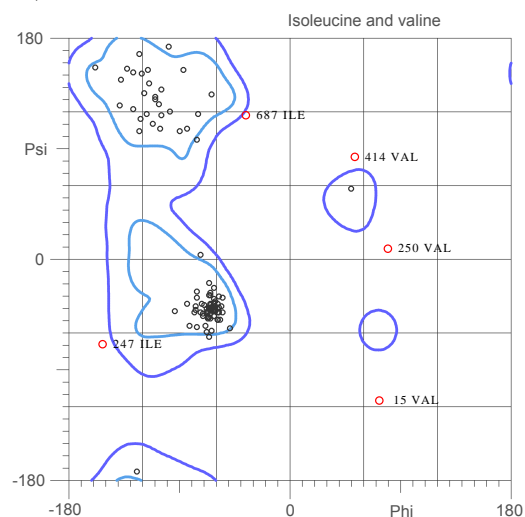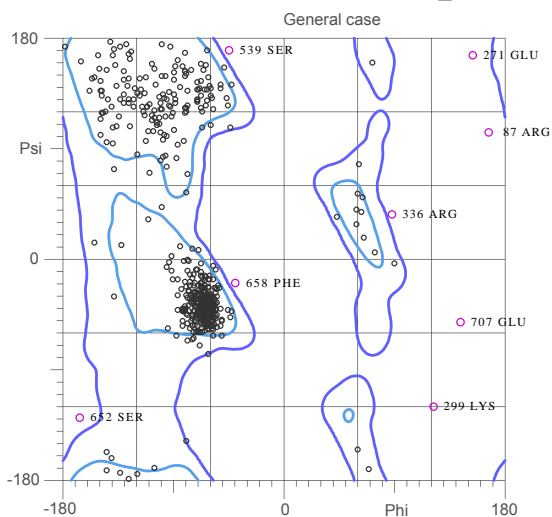
92.7% (751/810) of all residues were in favored (98%) regions.
98.0% (794/810) of all residues were in allowed (>99.8%) regions.

There were 16 outliers (phi, psi):
 15 VAL (73.6, -115.4)
 87 ARG (167.9, 104.3)
 187 ARG (-94.5, 18.3)
 247 ILE (-153.5, -69.9)
 250 VAL (80.2, 9.9)
 271 GLU (154.6, 167.4)
 299 LYS (122.8, -120.5)
 336 ARG (88.9, 37.9)
 374 LEU (-85.4, 11.5)
 414 VAL (53.9, 84.5)
 539 SER (-45.3, 172.0)
 588 ALA (130.7, 135.3)
 652 SER (-167.4, -129.3)
 658 PHE (-40.8, -19.1)
 687 ILE (-36.7, 118.7)
 707 GLU (144.3, -52.0)