MolProbity Ramachandran analysis
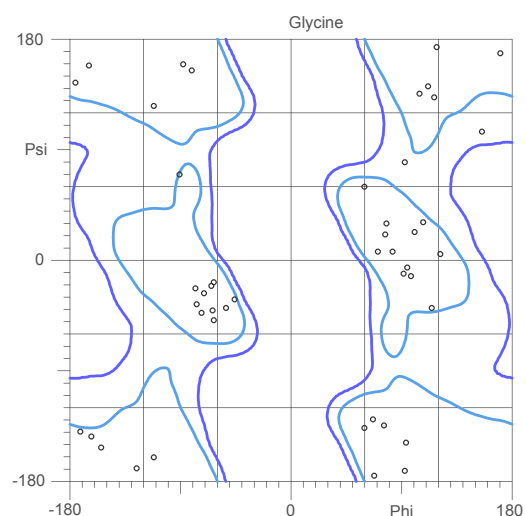
1a8i_.B99990010.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
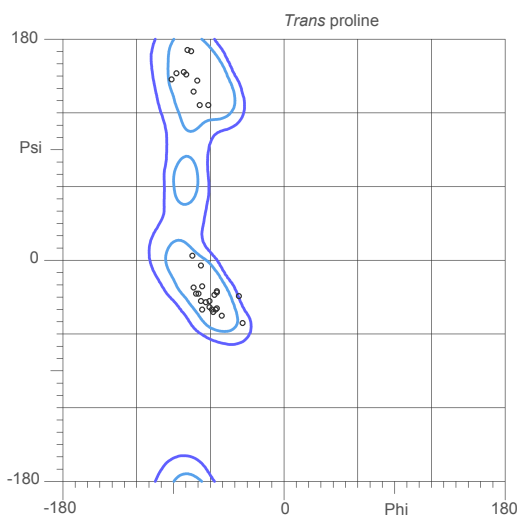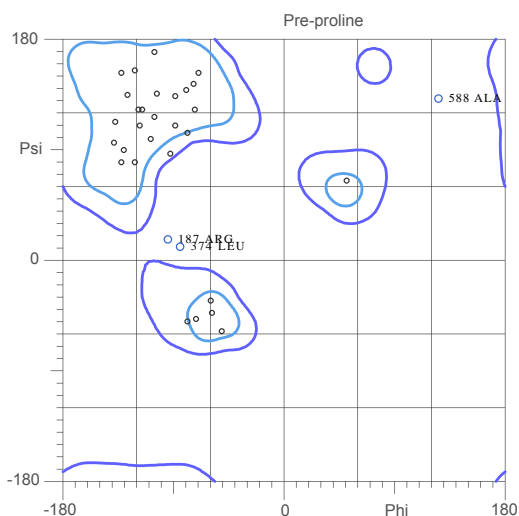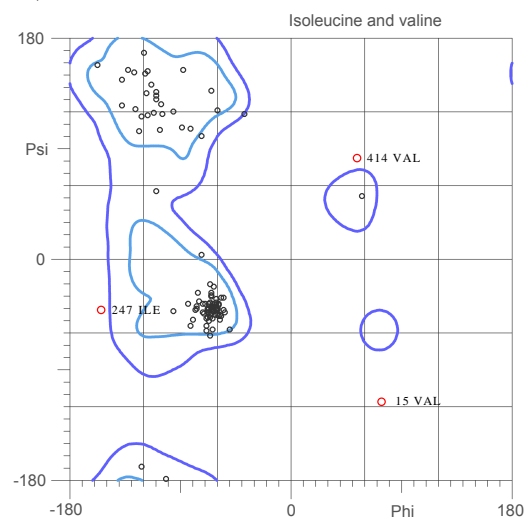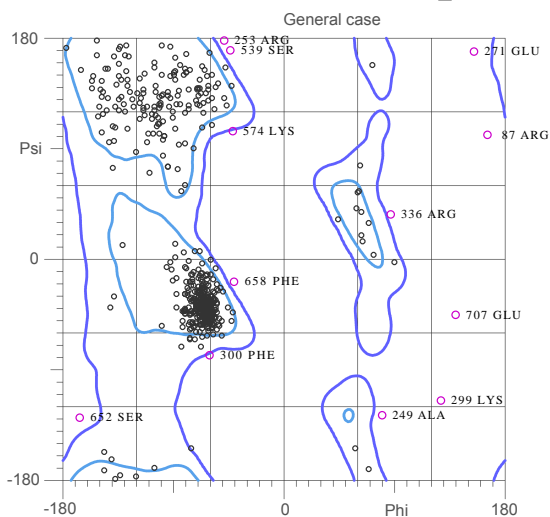
92.2% (747/810) of all residues were in favored (98%) regions.
97.8% (792/810) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
15 VAL (74.7, -117.0)
87 ARG (166.4, 102.7)
187 ARG (-95.6, 17.8)
247 ILE (-155.2, -41.2)
249 ALA (80.4, -127.0)
253 ARG (-49.1, 179.0)
271 GLU (155.1, 170.6)
299 LYS (128.8, -115.7)
300 PHE (-61.0, -78.2)
336 ARG (87.3, 37.8)
374 LEU (-85.5, 11.4)
414 VAL (54.6, 83.1)
539 SER (-44.6, 171.6)
574 LYS (-42.3, 105.6)
588 ALA (126.4, 132.7)
652 SER (-167.8, -129.8)
658 PHE (-42.0, -18.9)
707 GLU (140.2, -45.4)