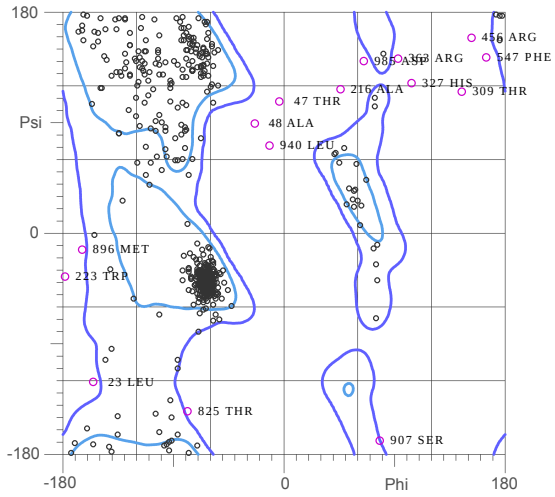
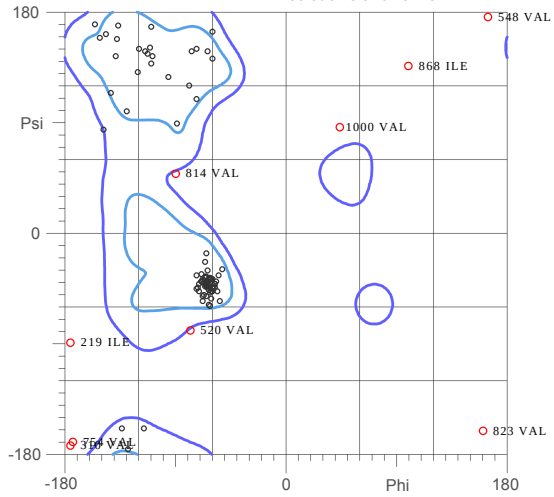
MolProbity Ramachandran analysis

1yq2.B99990027.pdb, model 1

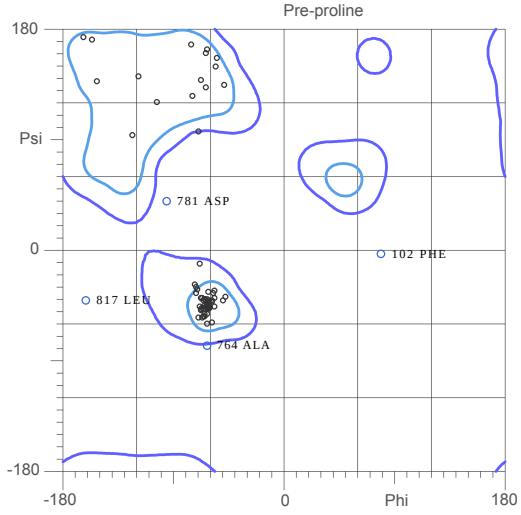
General case



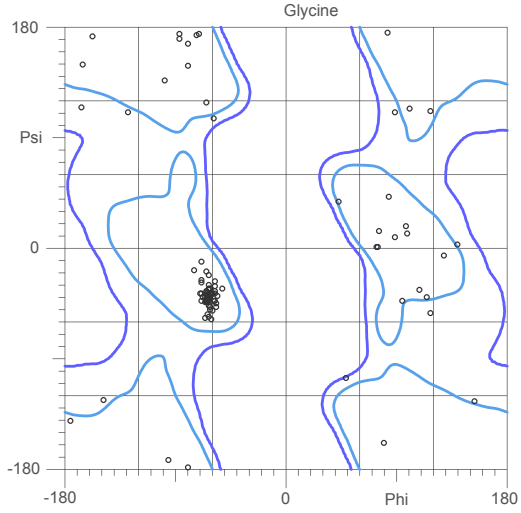
Isoleucine and valine



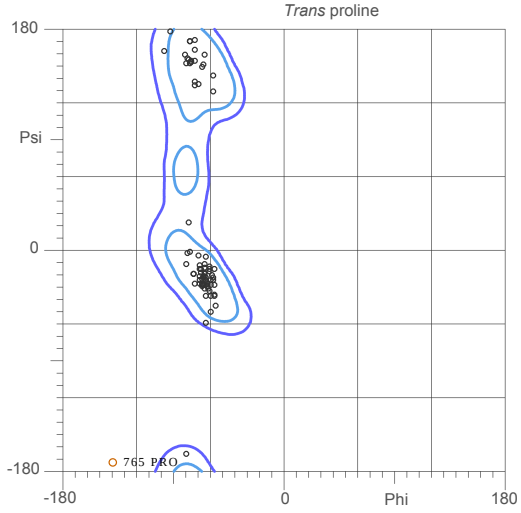
Pre-proline



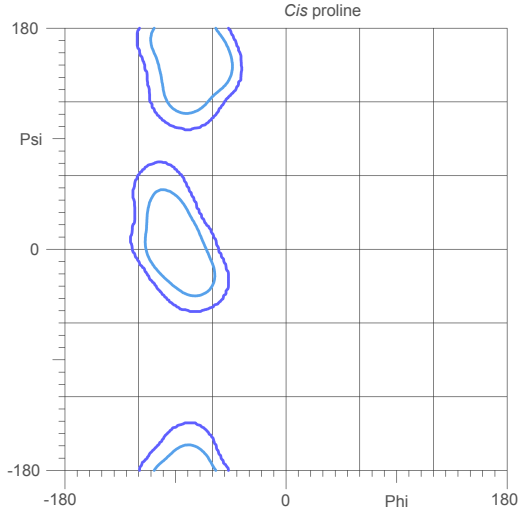
Glycine



Trans proline



Cis proline



89.4% (810/1018) of all residues were in favored (98%) regions.
97.2% (989/1018) of all residues were in allowed (>98.8%) regions.

There were 29 outliers (phi, psi):
21 LEU (-150.7, -121.6)
47 THR (-63.6, 108.1)
48 ALA (-55.3, 96.9)
216 ALA (-63.6, 138.1)
219 ILE (-176.4, -89.8)
223 TRP (-179.6, -35.3)
309 THR (143.8, 116.7)
310 VAL (-179.3, -175.3)
327 HIS (104.5, 121.8)
362 ARG (95.6, 165.2)
456 ARG (153.5, 160.2)
520 VAL (-78.5, -79.4)
547 PHE (165.1, 144.1)
548 VAL (168.0, 177.3)
754 VAL (-174.8, -179.4)
764 ALA (-63.6, 144.9)
765 PRO (-58.9, -7.7)
781 ASP (-96.3, 49.1)
814 VAL (-99.3, 49.3)
817 LEU (-162.5, -41.6)
823 VAL (165.1, -161.1)
825 THR (-79.7, -145.3)
868 ILE (-149.7, 158.8)
896 MET (-143.7, -33.4)
907 SER (75.1, -109.8)
940 LEU (-52.7, 72.4)
985 ASP (65.3, 141.7)
1000 VAL (61.1, 87.7)

Lovell, Davis, et al. Proteins 50:437 (2003)