MolProbity Ramachandran analysis

1ac5_.B99990038.pdb, model 1

General case

Isoleucine and valine
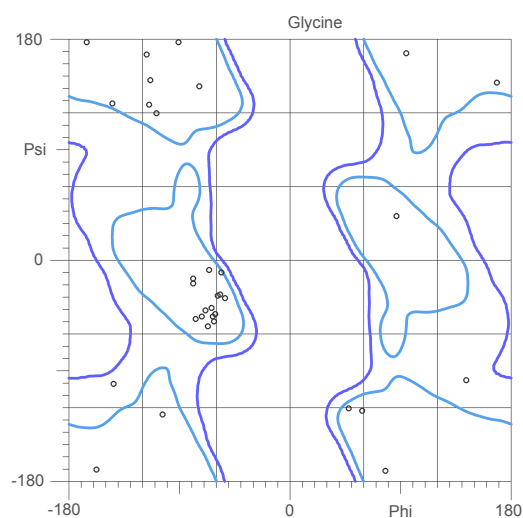
Pre-proline

Glycine

Trans proline

Cis proline

Outlier labels (General case): 194 LYS, 106 SER, 38 SER, 230 GLU, 165 ASP, 299 PHE, 233 LEU, 176 SER, 33 HIS, 42 ASP

Isoleucine and valine: 375 ILE, 126 VAL

Pre-proline: 162 PHE

Trans proline: 360 PRO, 35 PRO
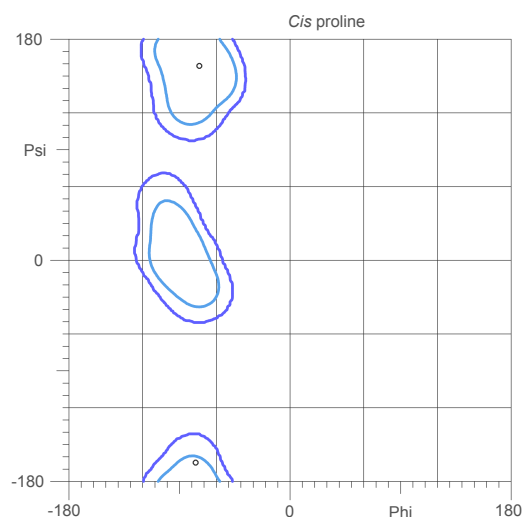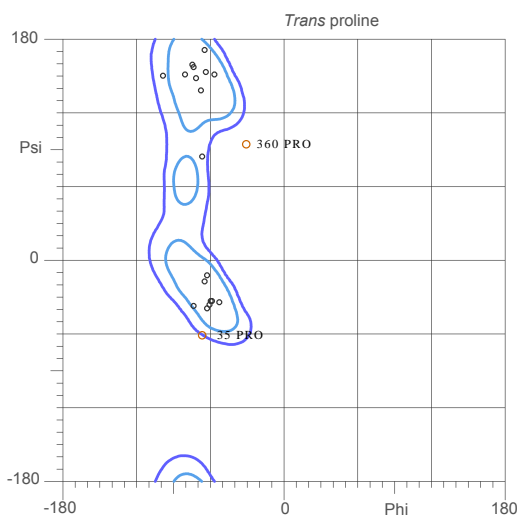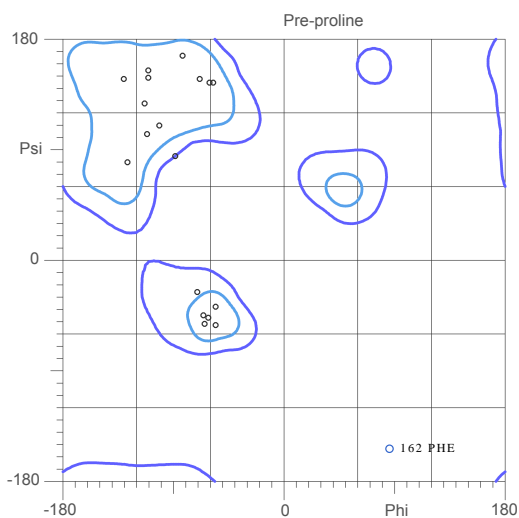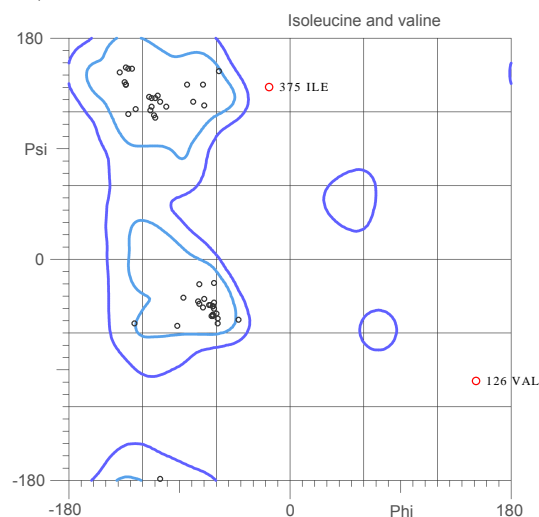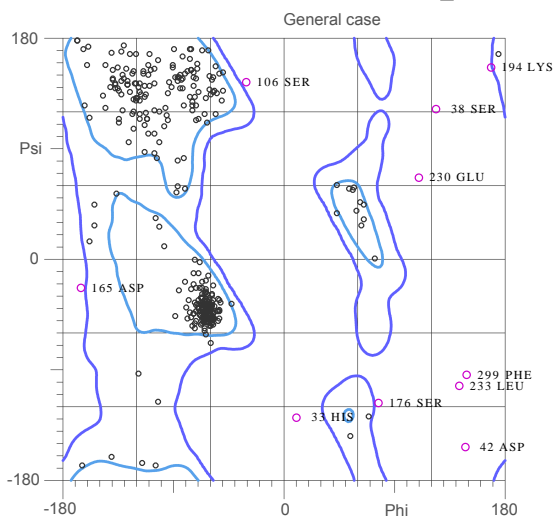
91.5% (440/481) of all residues were in favored (98%) regions.
96.9% (466/481) of all residues were in allowed (>99.8%) regions.

There were 15 outliers (phi, psi):
    33 HIS (10.1, -129.9)
    35 PRO (-67.3, -61.2)
    38 SER (124.9, 123.9)
    42 ASP (148.8, -153.8)
   106 SER (-31.8, 145.4)
   126 VAL (152.8, -99.6)
   162 PHE (86.0, -154.1)
   165 ASP (-167.0, -23.6)
   176 SER (77.5, -117.2)
   194 LYS (169.0, 157.5)
   230 GLU (110.4, 67.2)
   233 LEU (143.6, -103.2)
   299 PHE (149.3, -94.9)
   360 PRO (-31.9, 95.5)
   375 ILE (-17.7, 141.6)