MolProbity Ramachandran analysis

1ac5_.B99990021.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
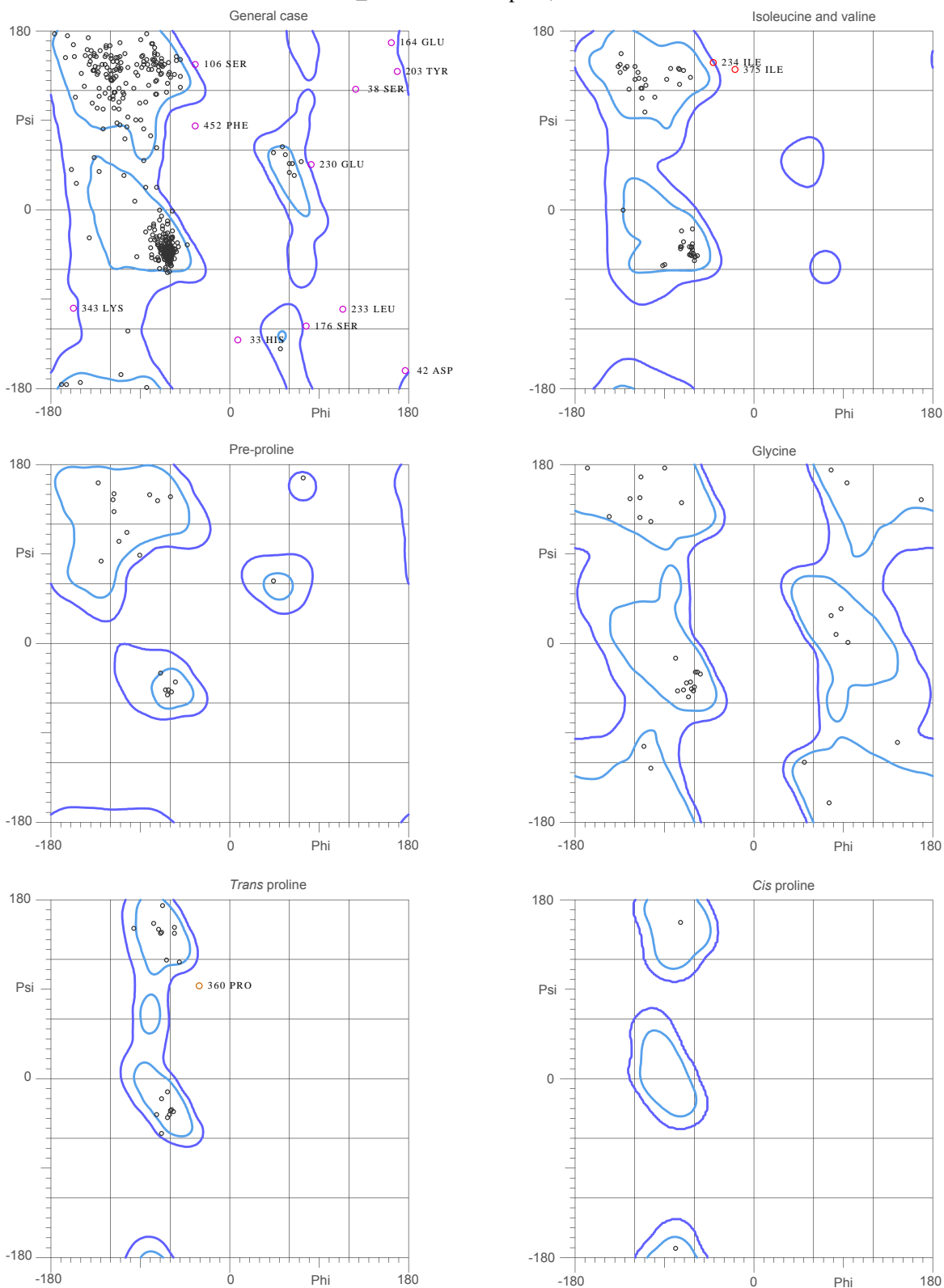
91.5% (440/481) of all residues were in favored (98%) regions.
97.1% (467/481) of all residues were in allowed (>99.8%) regions.

There were 14 outliers (phi, psi):
    33 HIS (8.9, -131.4)
    38 SER (127.5, 122.9)
    42 ASP (178.0, -162.8)
    106 SER (-35.3, 147.4)
    164 GLU (163.3, 169.1)
    176 SER (77.2, -117.2)
    203 TYR (169.4, 140.5)
    230 GLU (82.8, 46.1)
    233 LEU (114.6, -101.0)
    234 ILE (-41.2, 149.4)
    343 LYS (-158.1, -99.0)
    360 PRO (-31.9, 94.7)
    375 ILE (-19.2, 142.3)
    452 PHE (-35.3, 85.1)