# MolProbity Ramachandran analysis

1ac5_.B99990046.pdb, model 1



General case

106 SER
38 SER
452 PHE
230 GLU
233 LEU
33 HIS   127 GLU
42 ASP

Isoleucine and valine

375 ILE
126 VAL

Pre-proline

Glycine

*Trans* proline

360 PRO

*Cis* proline
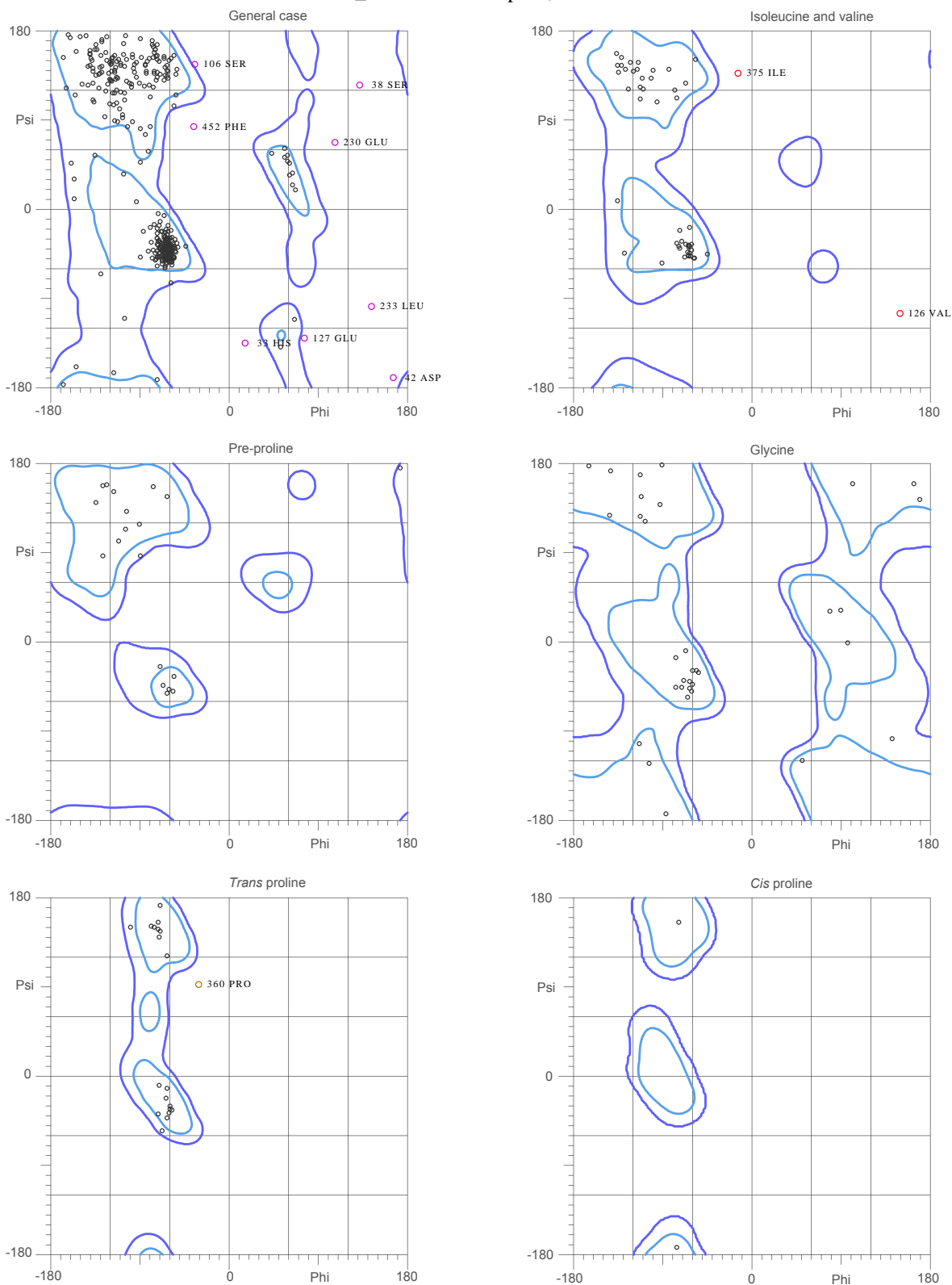
92,9% (447/481) of all residues were in favored (98%) regions.
97,7% (470/481) of all residues were in allowed (>99.8%) regions.

There were 11 outliers (phi, psi):
    33 HIS (16,5, -135,1)
    38 SER (132,8, 126,3)
    42 ASP (166,5, -170,0)
    106 SER (-35,0, 148,0)
    126 VAL (150,5, -105,6)
    127 GLU (76,9, -131,0)
    230 GLU (107,7, 69,0)
    233 LEU (144,4, -98,9)
    360 PRO (-31,8, 93,5)
    375 ILE (-14,1, 138,7)
    452 PHE (-36,4, 84,6)