MolProbity Ramachandran analysis

1ac5_.B99990025.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
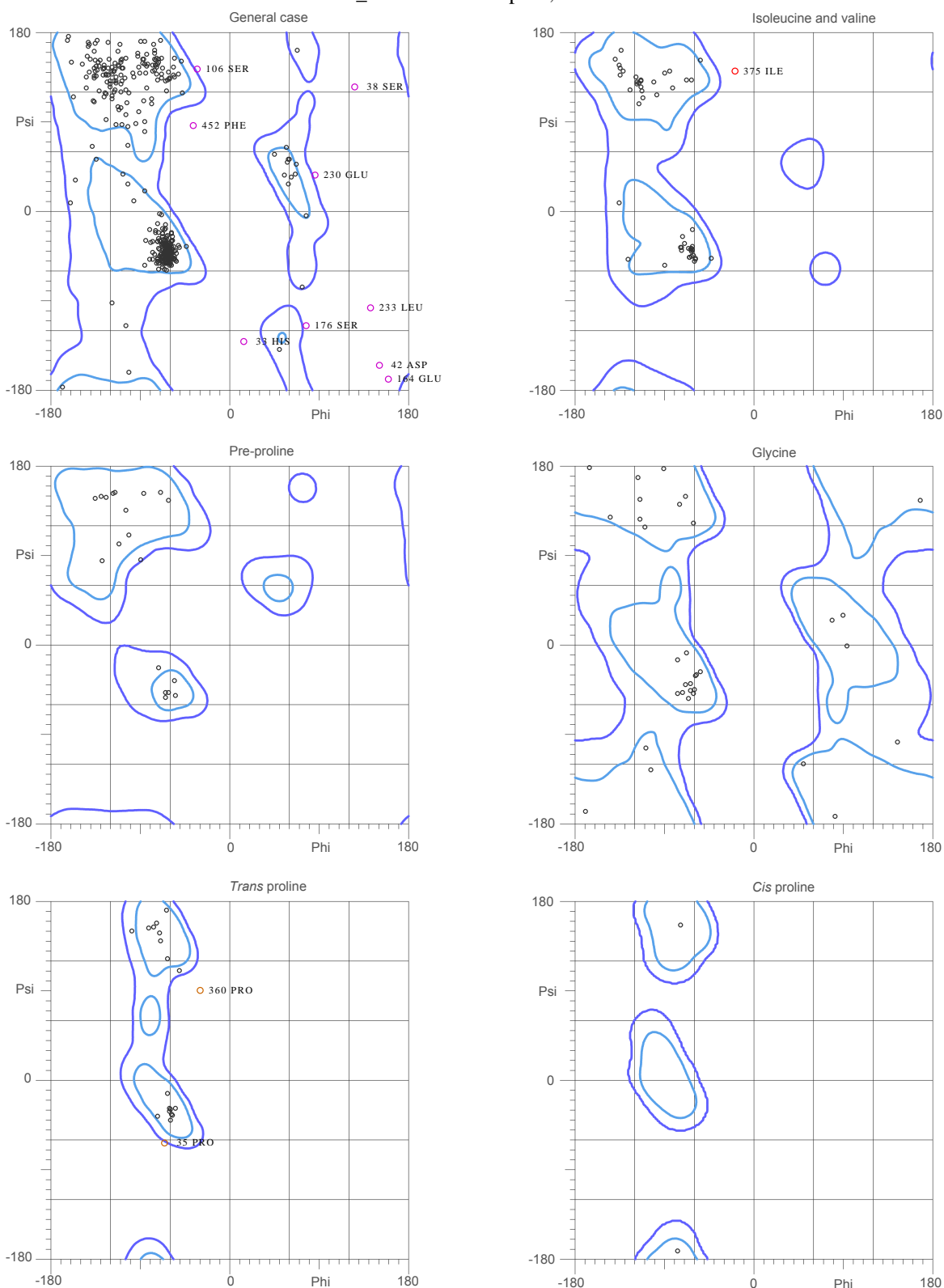
92,7% (446/481) of all residues were in favored (98%) regions.
97,5% (469/481) of all residues were in allowed (>99.8%) regions.

There were 12 outliers (phi, psi):
    33 HIS (14,0, -131,3)
    35 PRO (-66,9, -63,1)
    38 SER (126,7, 126,8)
    42 ASP (151,2, -155,1)
    106 SER (-33,1, 144,7)
    164 GLU (160,5, -169,4)
    176 SER (77,5, -116,0)
    230 GLU (86,2, 37,3)
    233 LEU (142,3, -97,4)
    360 PRO (-30,5, 91,5)
    375 ILE (-19,8, 142,6)
    452 PHE (-37,6, 87,1)