MolProbity Ramachandran analysis

1a3qA.B99990034.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
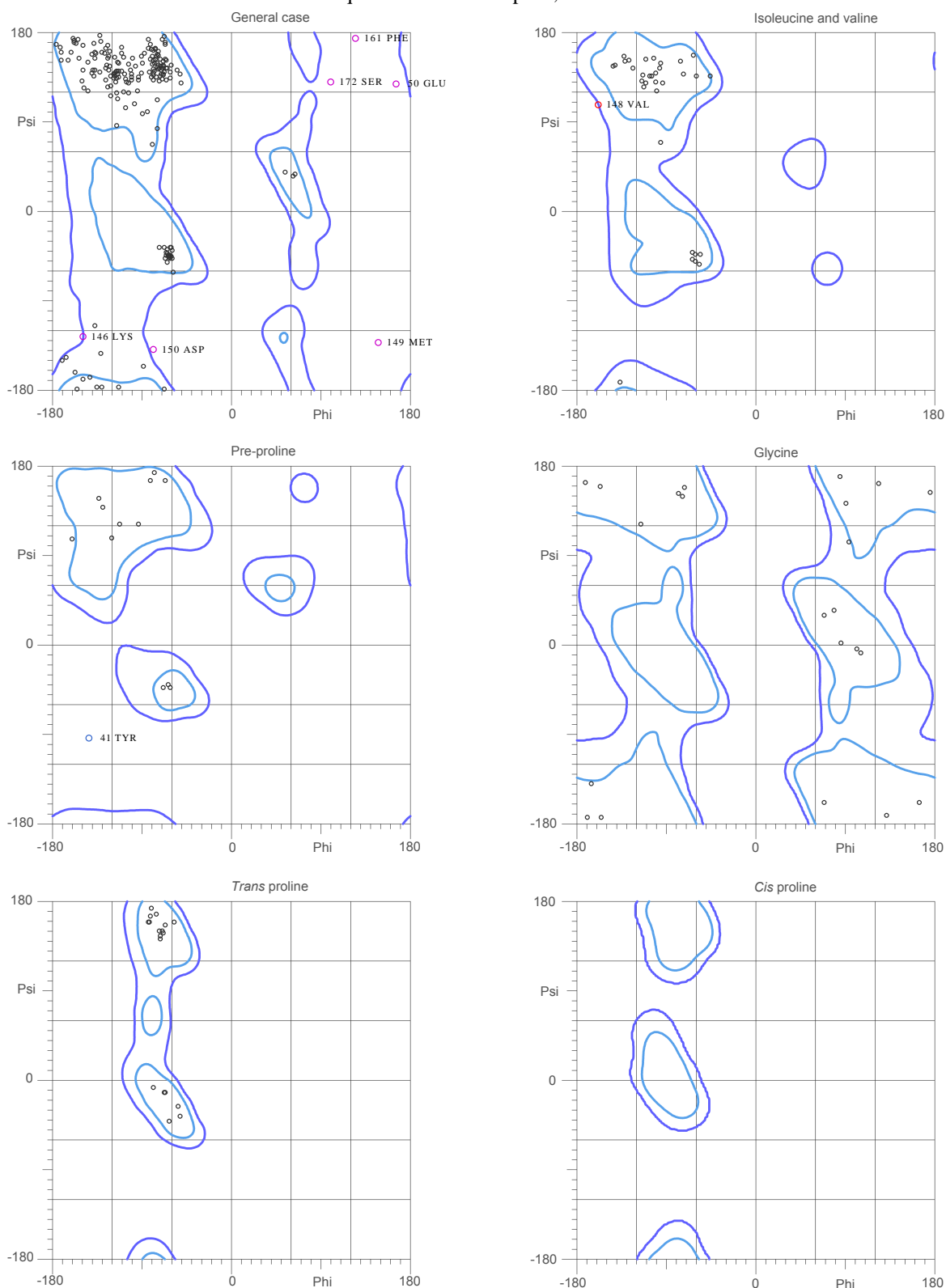
93,3% (264/283) of all residues were in favored (98%) regions.
97,2% (275/283) of all residues were in allowed (>99.8%) regions.

There were 8 outliers (phi, psi):
    41 TYR (-144,1, -94,2)
    50 GLU (166,4, 129,7)
    146 LYS (-150,0, -126,6)
    148 VAL (-159,4, 108,8)
    149 MET (148,4, -132,1)
    150 ASP (-80,0, -139,7)
    161 PHE (125,6, 175,1)
    172 SER (100,8, 131,4)