MolProbity Ramachandran analysis

1aol_.B99990004.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline

165 GLN
94 TRP
116 SER
47 HIS
177 ASN
55 PRO
46 PRO
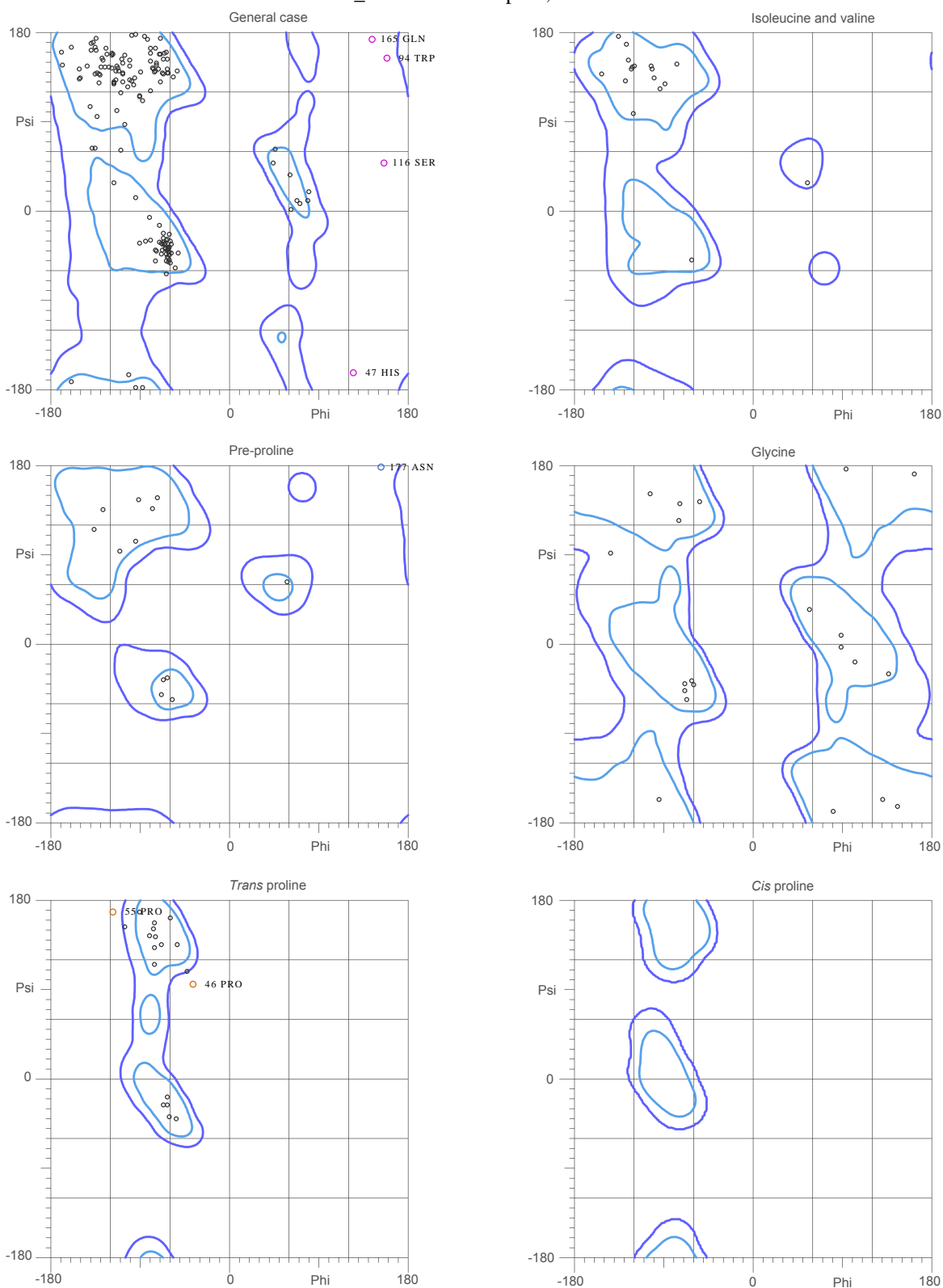
91,2% (206/226) of all residues were in favored (98%) regions.
96,9% (219/226) of all residues were in allowed (>99.8%) regions.

There were 7 outliers (phi, psi):
    46 PRO (-37,3, 96,6)
    47 HIS (125,8, -163,1)
    55 PRO (-118,8, 169,6)
    94 TRP (159,8, 155,1)
    116 SER (156,2, 49,2)
    165 GLN (144,7, 174,4)
    177 ASN (153,4, 179,5)

http://kinemage.biochem.duke.edu

Lovell, Davis, et al. Proteins 50:437 (2003)