MolProbity Ramachandran analysis

1aq0A.B99990004.pdb, model 1

General case

Psi

-180   0   180
Phi

276 ALA

8 SER
99 THR

Isoleucine and valine

Psi

-180   0   180
Phi

270 ILE

Pre-proline

Psi

-180   0   180
Phi

136 SER

Glycine

Psi

-180   0   180
Phi

Trans proline

Psi

-180   0   180
Phi

81 PRO

Cis proline

Psi

-180   0   180
Phi
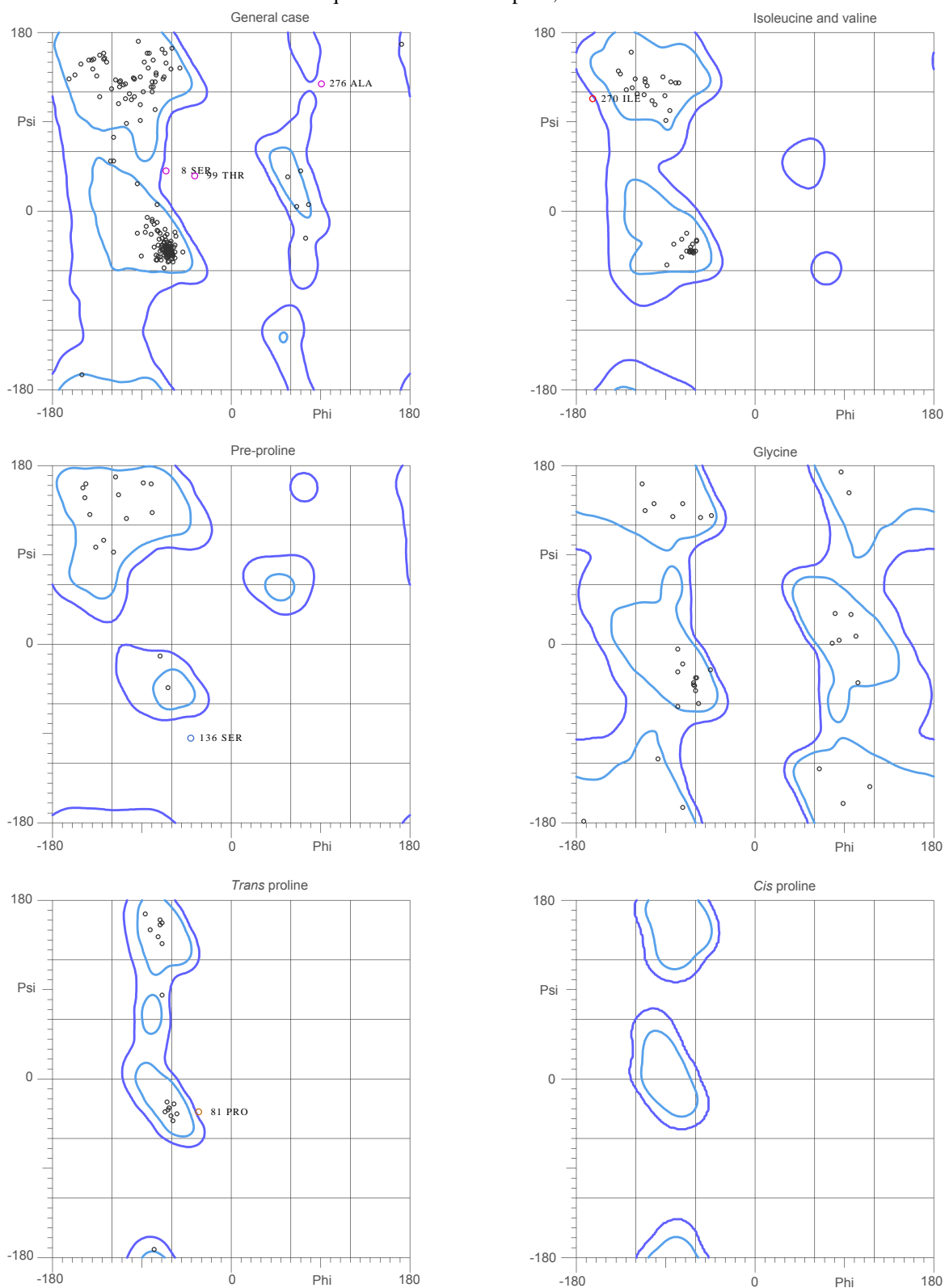
95,1% (289/304) of all residues were in favored (98%) regions.
98,0% (298/304) of all residues were in allowed (>99.8%) regions.

There were 6 outliers (phi, psi):
      8 SER (-66,8, 41,5)
     81 PRO (-33,4, -33,8)
     99 THR (-37,6, 36,9)
    136 SER (-41,1, -95,2)
    270 ILE (-164,8, 114,5)
    276 ALA (91,7, 129,1)

http://kinemage.biochem.duke.edu

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