MolProbity Ramachandran analysis

1a3qA.B99990018.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
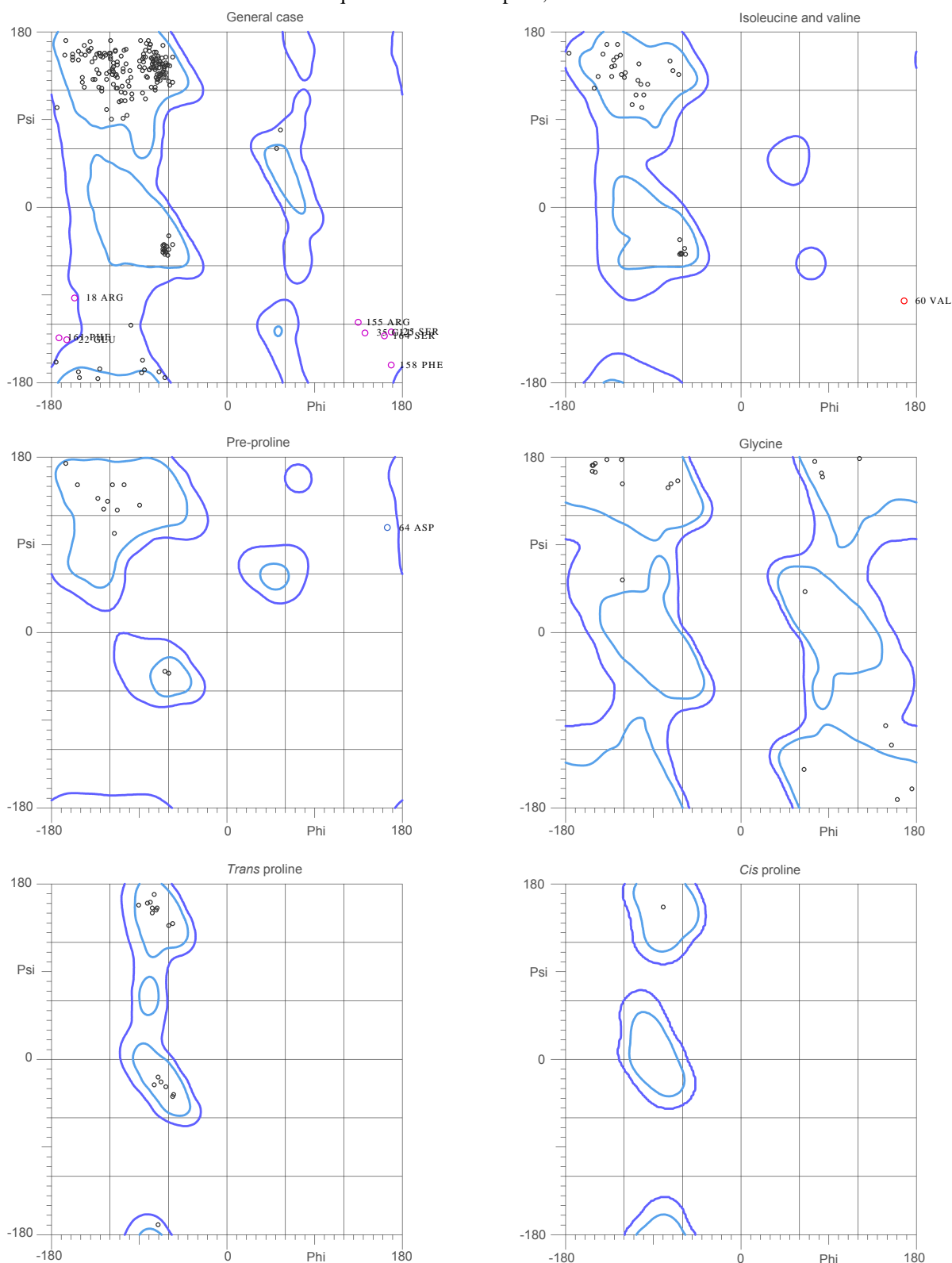
91,2% (258/283) of all residues were in favored (98%) regions.
96,5% (273/283) of all residues were in allowed (>99.8%) regions.

There were 10 outliers (phi, psi):
  18 ARG (-157,9, -93,0)
  22 GLU (-165,3, -136,5)
  25 SER (169,0, -128,7)
  35 GLU (142,0, -129,7)
  60 VAL (168,8, -96,5)
  64 ASP (165,6, 108,9)
  155 ARG (135,7, -118,2)
  158 PHE (169,3, -162,3)
  161 PHE (-173,8, -134,9)
  164 SER (162,2, -132,7)