MolProbity Ramachandran analysis

1ad3A.B99990018.pdb, model 1

General case

Isoleucine and valine

236 MET		
68 GLU		
349 ALA		
270 TYR		
237 ASN		
206 THR	38 ASN	

205 VAL
343 VAL
340 ILE

Pre-proline

Glycine

Trans proline

Cis proline
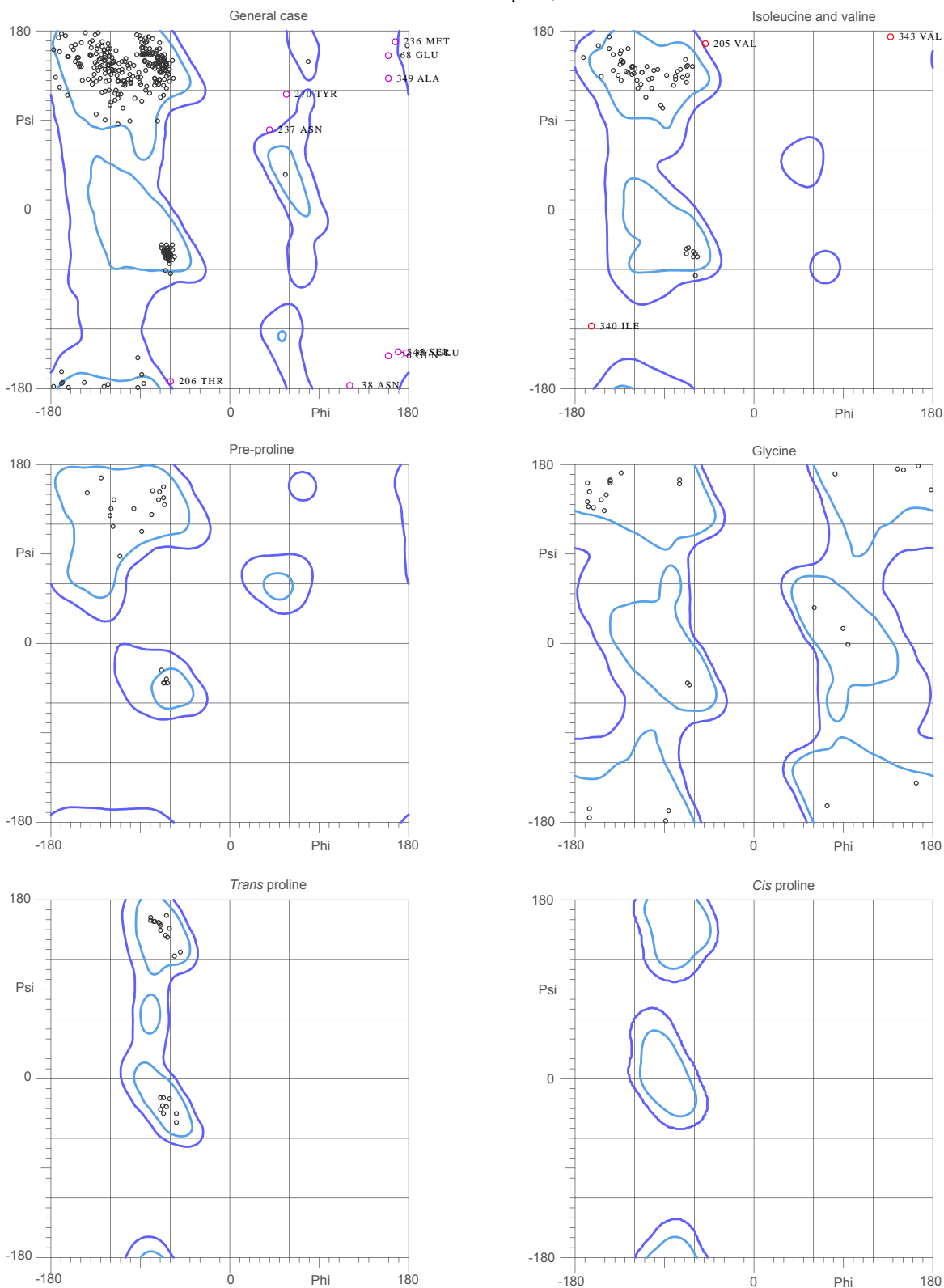
92.8% (412/444) of all residues were in favored (98%) regions.
97.1% (431/444) of all residues were in allowed (>99.8%) regions.

There were 13 outliers (phi, psi):
   26 GLN (160.8, -147.2)
   38 ASN (121.5, -177.6)
   68 GLU (160.3, 156.8)
   205 VAL (-50.0, 168.5)
   206 THR (-60.5, -173.6)
   236 MET (167.4, 170.3)
   237 ASN (40.4, 81.0)
   270 TYR (57.4, 117.1)
   340 ILE (-165.0, -117.1)
   343 VAL (138.3, 175.2)
   345 SER (170.6, -143.9)
   347 GLU (178.3, -144.2)
   349 ALA (160.7, 133.9)

http://kinemage.biochem.duke.edu

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