MolProbity Ramachandran analysis

1ad2_.B99990021.pdb, model 1

General case

Isoleucine and valine

○ 109 VAL

○ 114 ASP

○ 174 ALA   ○ 105 ASP

Pre-proline

Glycine

○ 112 THR

○ 135 ASN

Trans proline

Cis proline
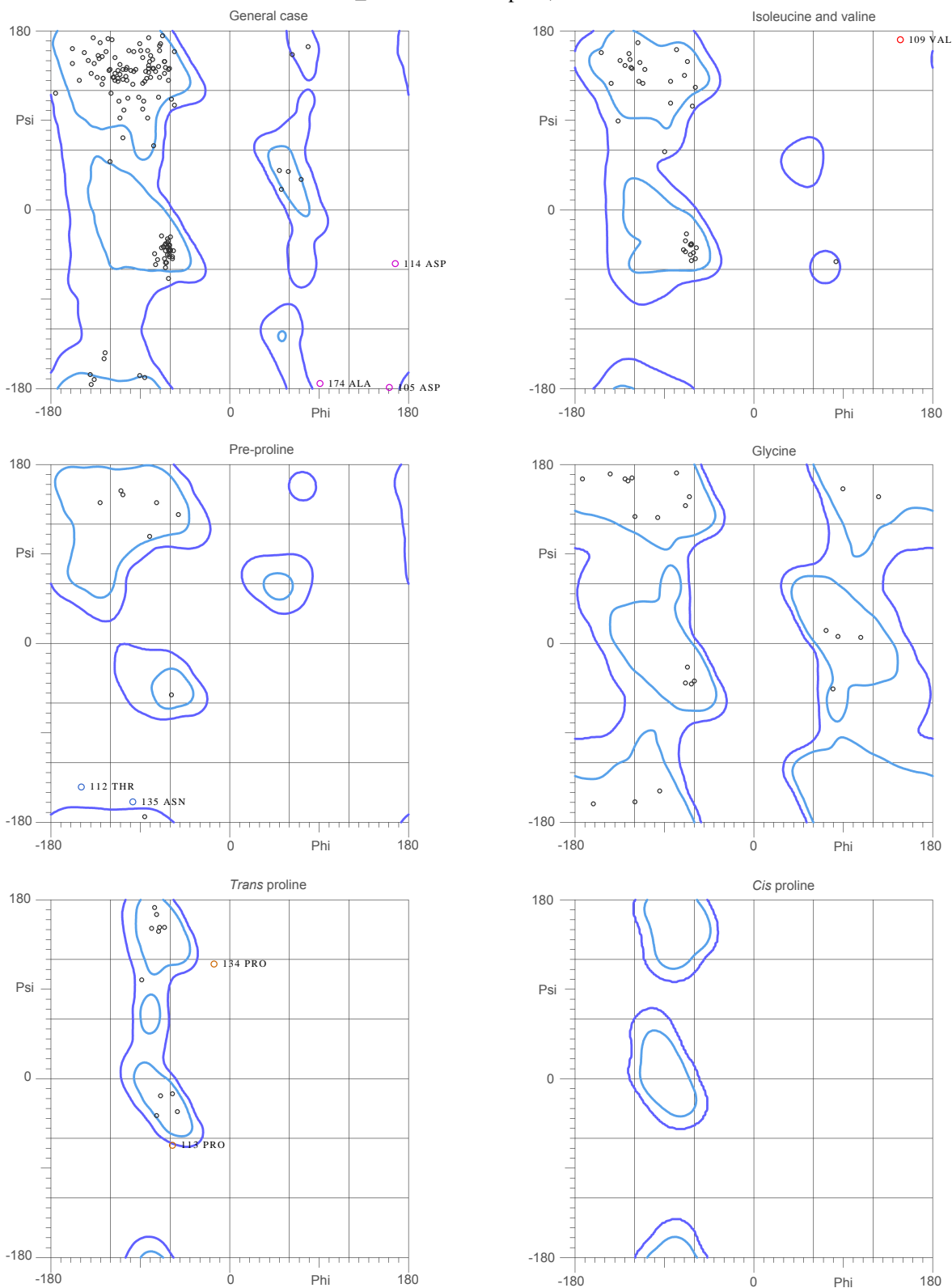
○ 134 PRO

○ 113 PRO

88,3% (196/222) of all residues were in favored (98%) regions.
96,4% (214/222) of all residues were in allowed (>99.8%) regions.

There were 8 outliers (phi, psi):
    105 ASP (161,9, -179,1)
    109 VAL (148,1, 172,9)
    112 THR (-150,5, -145,5)
    113 PRO (-59,0, -67,7)
    114 ASP (167,5, -54,9)
    134 PRO (-16,4, 116,5)
    135 ASN (-98,9, -160,5)
    174 ALA (91,4, -175,1)

http://kinemage.biochem.duke.edu

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