MolProbity Ramachandran analysis

16pk_.B99990046.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
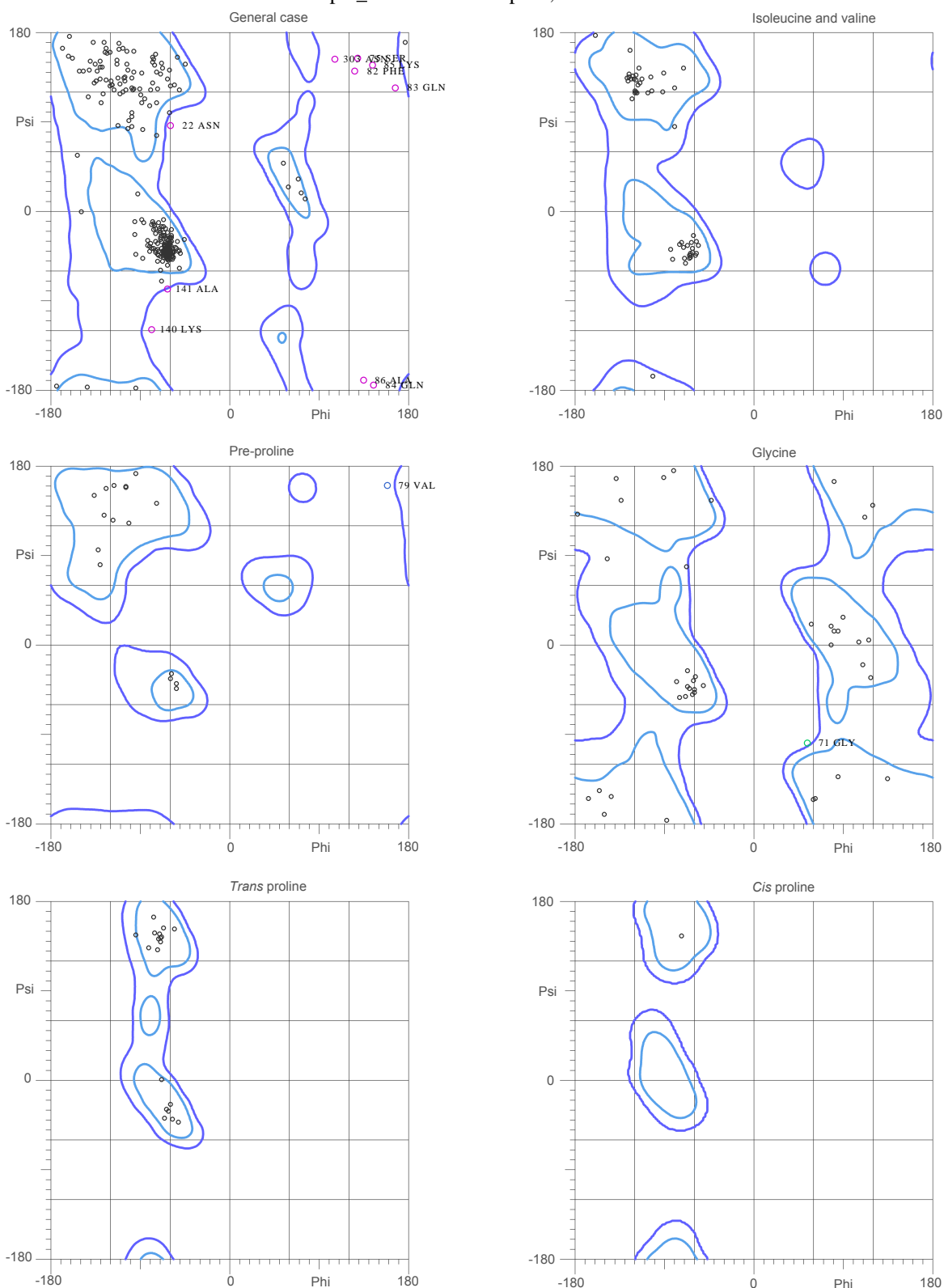
93.0% (384/413) of all residues were in favored (98%) regions.
97.1% (401/413) of all residues were in allowed (>99.8%) regions.

There were 12 outliers (phi, psi):
    22 ASN (-60.9, 87.6)
    71 GLY (54.3, -99.2)
    75 SER (129.1, 155.7)
    79 VAL (159.2, 161.2)
    82 PHE (126.3, 142.3)
    83 GLN (167.6, 125.2)
    84 GLN (145.0, -176.0)
    85 LYS (144.3, 148.1)
    86 ALA (135.1, -170.9)
    140 LYS (-79.3, -119.4)
    141 ALA (-63.3, -78.7)
    303 ASN (106.4, 154.2)