MolProbity Ramachandran analysis

16pk_.B99990040.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
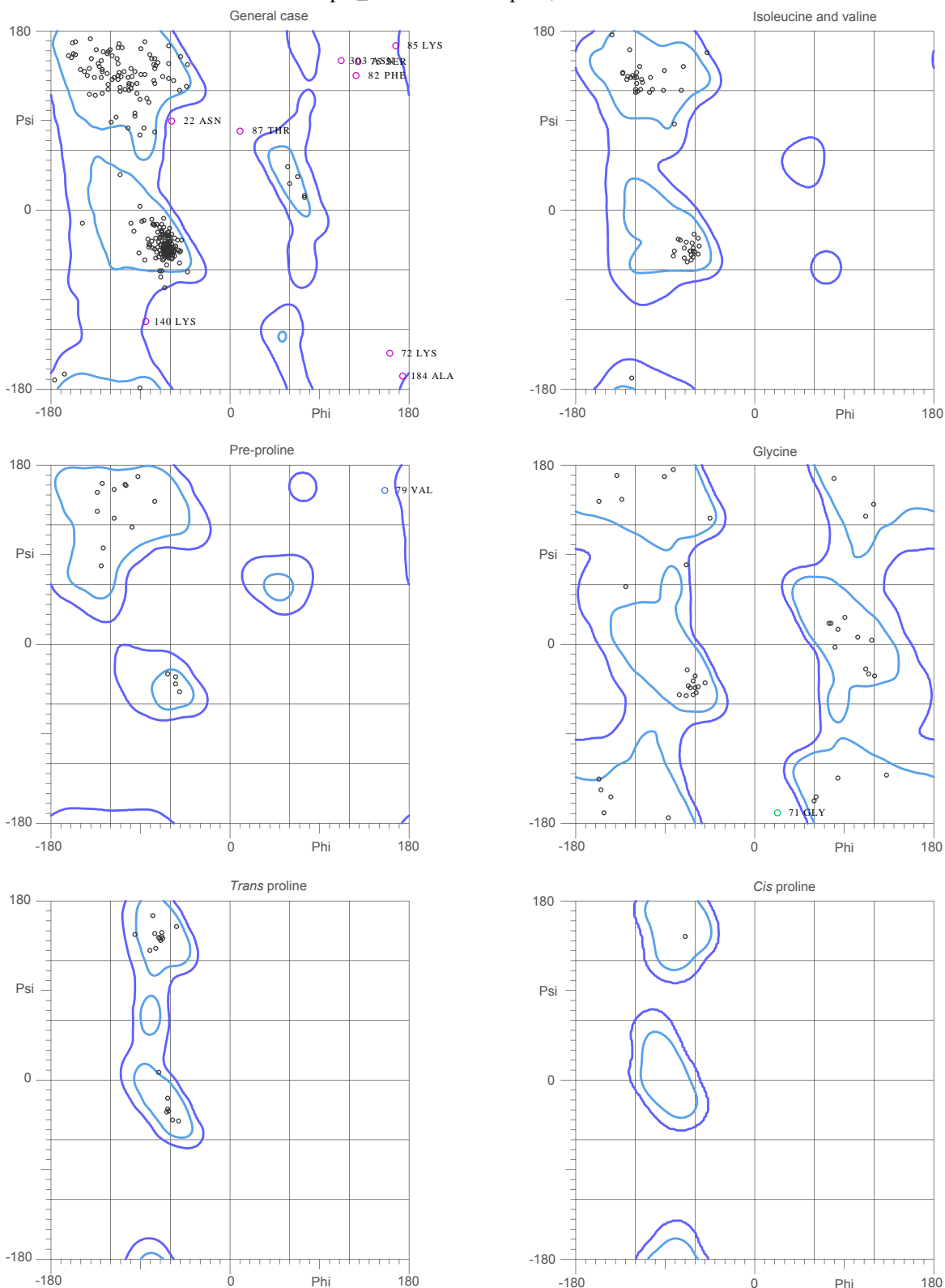
93,2% (385/413) of all residues were in favored (98%) regions.
97,3% (402/413) of all residues were in allowed (>99.8%) regions.

There were 11 outliers (phi, psi):
    22 ASN (-59,6, 90,8)
    71 GLY (23,1, -170,1)
    72 LYS (161,2, -144,3)
    75 SER (129,1, 150,0)
    79 VAL (156,4, 155,4)
    82 PHE (127,4, 136,0)
    85 LYS (167,4, 166,7)
    87 THR (10,9, 80,5)
    140 LYS (-85,9, -112,5)
    184 ALA (174,4, -167,8)
    303 ASN (112,8, 151,0)