MolProbity Ramachandran analysis

1a8i_.B99990004.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

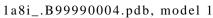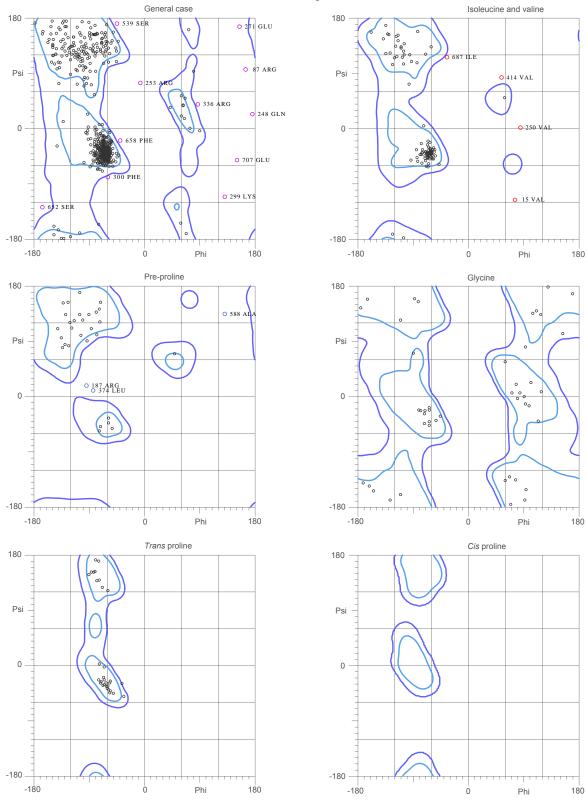*Cis* proline

92.6% (750/810) of all residues were in favored (98%) regions.
97.8% (792/810) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
    15 VAL (76.4, -116.9)
    87 ARG (165.2, 97.5)
    187 ARG (-95.4, 18.5)
    248 GLN (176.1, 24.2)
    250 VAL (85.5, 3.0)
    253 ARG (-7.9, 75.4)
    271 GLU (155.0, 167.9)
    299 LYS (151.6, -111.3)
    300 PHE (-60.3, -79.0)
    336 ARG (87.1, 40.4)
    374 LEU (-84.8, 10.0)
    414 VAL (54.2, 84.4)
    539 SER (-45.1, 172.3)
    588 ALA (131.0, 135.5)
    652 SER (-167.9, -128.4)
    658 PHE (-40.3, -19.7)
    687 ILE (-35.5, 117.5)
    707 GLU (151.4, -51.6)

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