MolProbity Ramachandran analysis

1aco_.B99990039.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
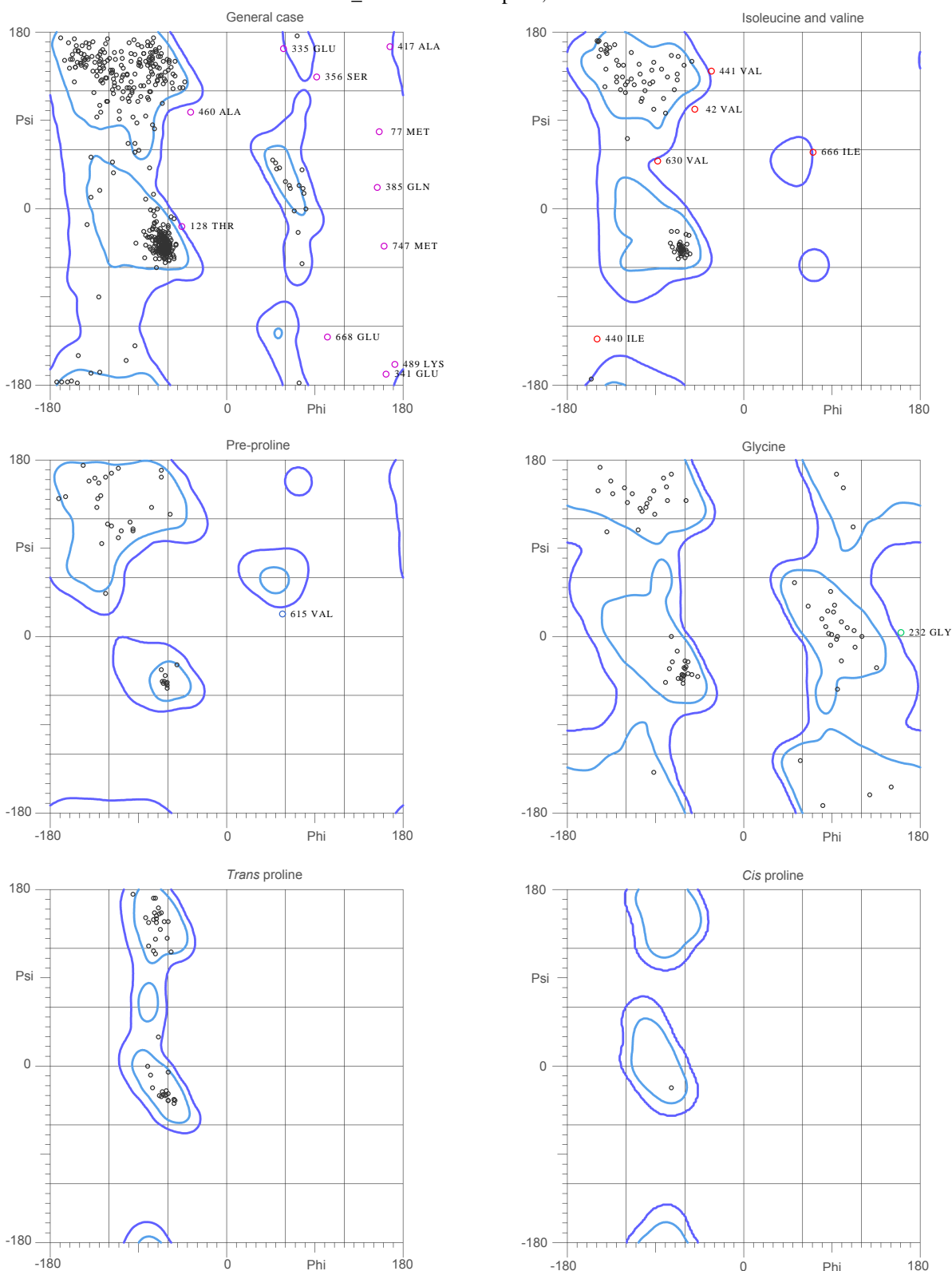
92.8% (697/751) of all residues were in favored (98%) regions.
97.6% (733/751) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
    42 VAL (-50.5, 102.6)
    77 MET (156.8, 80.0)
    128 THR (-46.0, -18.2)
    232 GLY (161.5, 4.8)
    335 GLU (58.6, 164.9)
    341 GLU (163.9, -169.4)
    356 SER (92.6, 135.6)
    385 GLN (154.4, 22.8)
    417 ALA (167.1, 167.0)
    440 ILE (-180.0, -133.1)
    441 VAL (-33.3, 141.3)
    460 ALA (-37.0, 99.8)
    489 LYS (172.9, -159.2)
    615 VAL (57.5, 23.2)
    630 VAL (-88.1, 49.8)
    666 ILE (71.6, 58.7)
    668 GLU (103.3, -131.7)
    747 MET (161.0, -38.4)

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