MolProbity Ramachandran analysis

1aco_.B99990020.pdb, model 1

General case

417 ALA
356 SER
77 MET
460 ALA
128 THR
668 GLU
489 LYS
384 SER
341 GLU

Isoleucine and valine

42 VAL
666 ILE

Pre-proline

518 HIS
615 VAL

Glycine

Trans proline

156 PRO

Cis proline
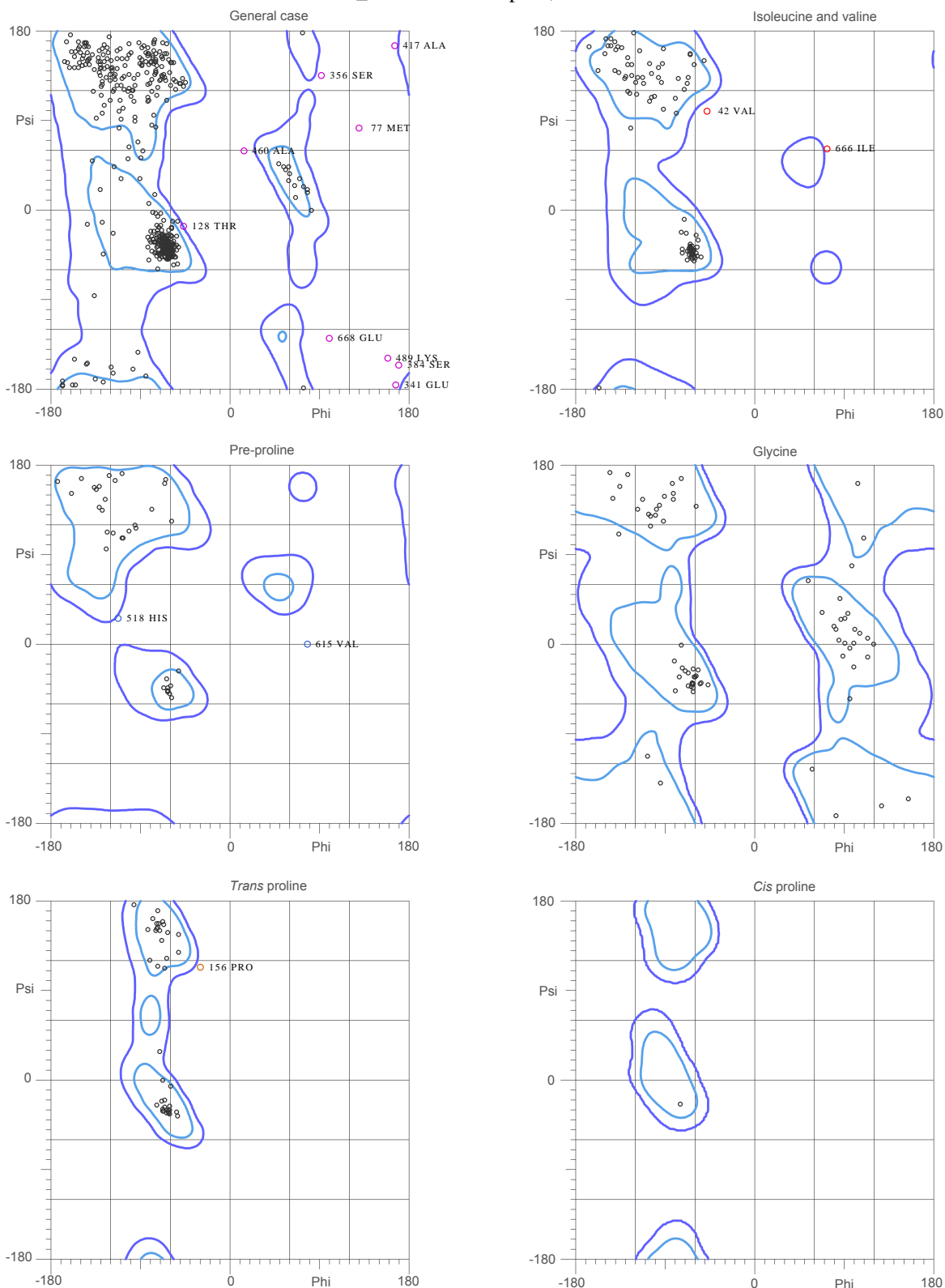
93.5% (702/751) of all residues were in favored (98%) regions.
98.1% (737/751) of all residues were in allowed (>99.8%) regions.

There were 14 outliers (phi, psi):
 42 VAL (-48.2, 100.8)
 77 MET (130.3, 83.3)
 128 THR (-47.2, -16.3)
 156 PRO (-30.2, 114.5)
 341 GLU (167.1, -176.1)
 356 SER (92.6, 136.1)
 384 SER (170.0, -156.1)
 417 ALA (166.8, 166.8)
 460 ALA (14.5, 60.7)
 489 LYS (159.6, -149.1)
 518 HIS (-113.3, 27.0)
 615 VAL (78.5, -0.2)
 666 ILE (73.8, 62.7)
 668 GLU (101.0, -129.4)

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