MolProbity Ramachandran analysis

1a8i_.B99990037.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
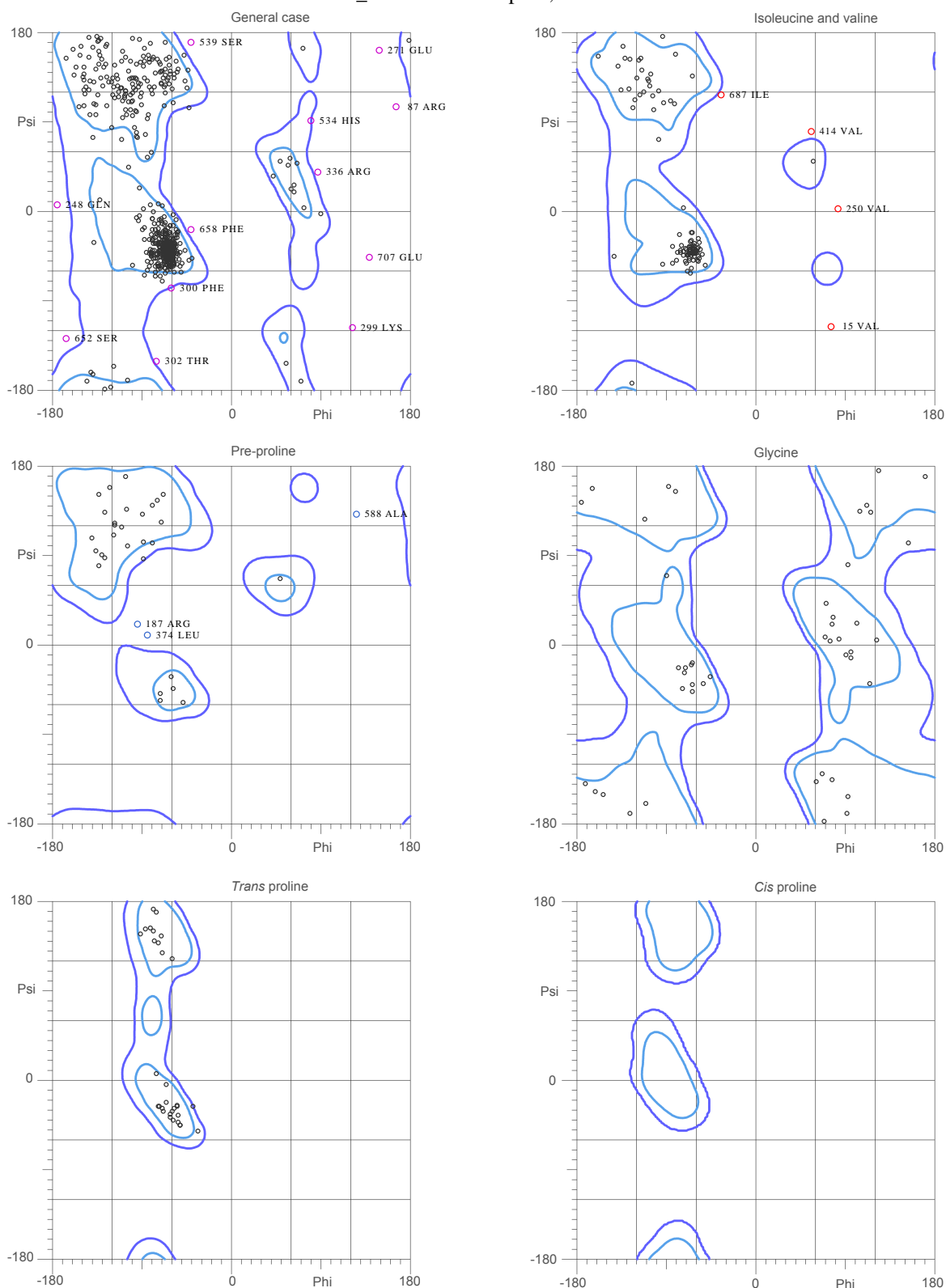
92.6% (750/810) of all residues were in favored (98%) regions.
97.7% (791/810) of all residues were in allowed (>99.8%) regions.

There were 19 outliers (phi, psi):
15 VAL (76.0, -116.2)
87 ARG (166.4, 106.1)
187 ARG (-95.3, 21.7)
248 GLN (-176.6, 7.9)
250 VAL (83.4, 3.6)
271 GLU (149.8, 163.1)
299 LYS (122.5, -117.1)
300 PHE (-61.5, -77.7)
302 THR (-76.6, -151.7)
336 ARG (87.3, 40.7)
374 LEU (-85.0, 10.0)
414 VAL (56.2, 81.5)
534 HIS (80.6, 92.8)
539 SER (-41.8, 171.3)
588 ALA (126.9, 132.3)
652 SER (-167.4, -128.9)
658 PHE (-41.0, -18.8)
687 ILE (-35.8, 118.1)
707 GLU (139.8, -46.1)