MolProbity Ramachandran analysis

1a8i_.B99990028.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
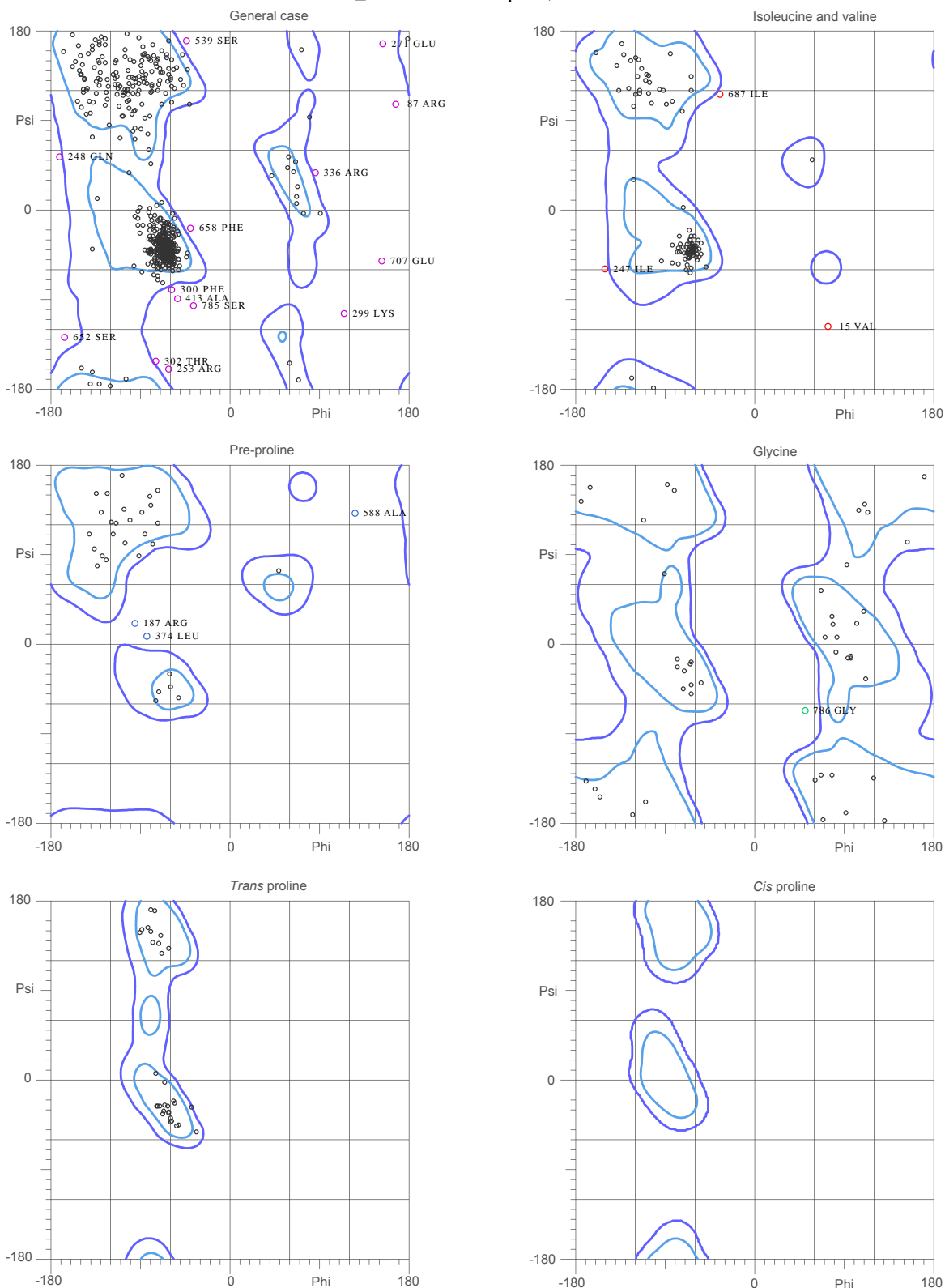
91.6% (742/810) of all residues were in favored (98%) regions.
97.4% (789/810) of all residues were in allowed (>99.8%) regions.

There were 21 outliers (phi, psi):
15 VAL (76.4, -117.1)
87 ARG (167.4, -107.0)
187 ARG (-96.9, 21.3)
247 ILE (-151.9, -59.4)
248 GLN (-172.1, 54.8)
253 ARG (-62.4, -160.9)
271 GLU (154.5, 168.5)
299 LYS (115.7, -104.5)
300 PHE (-59.8, -81.0)
302 THR (-75.2, -152.4)
336 ARG (86.9, 38.9)
374 LEU (-84.2, 8.9)
413 ALA (-53.5, -89.7)
539 SER (-44.7, 171.9)
588 ALA (126.2, 132.4)
652 SER (-167.6, -128.2)
658 PHE (-40.7, -18.7)
687 ILE (-35.5, 117.7)
707 GLU (153.3, -51.4)
785 SER (-37.9, -96.5)
786 GLY (51.4, -67.2)