MolProbity Ramachandran analysis
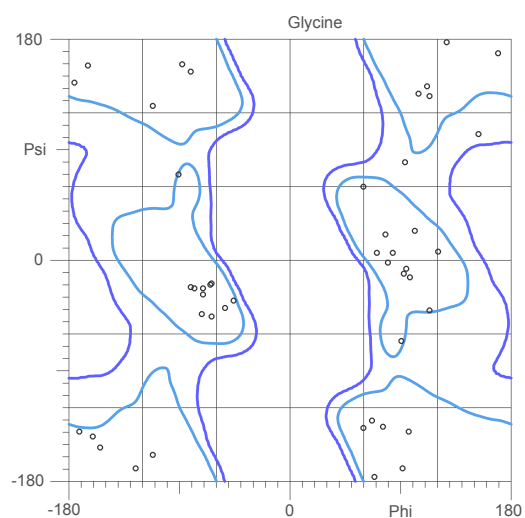
1a8i_.B99990001.pdb, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
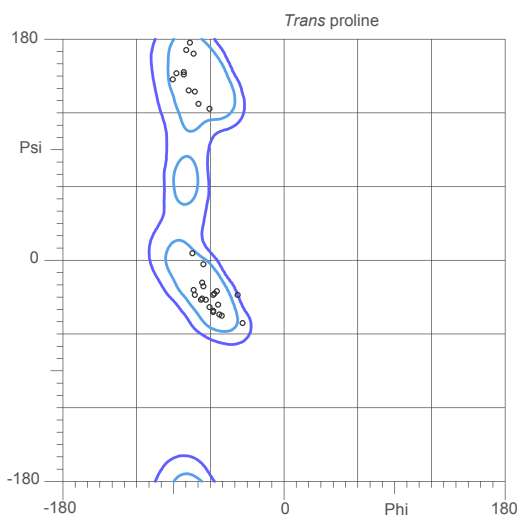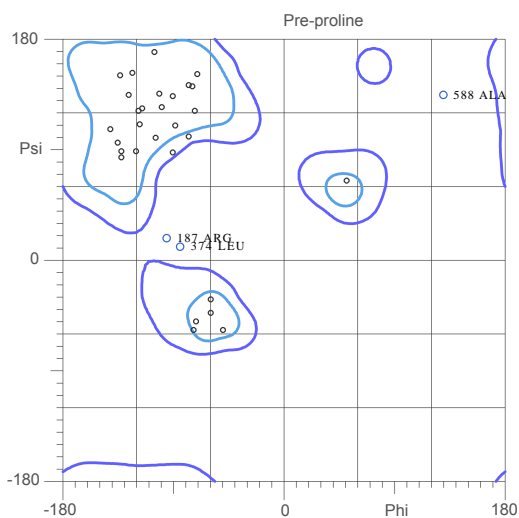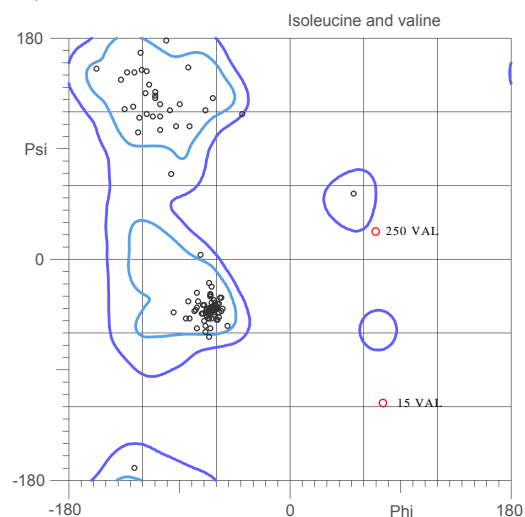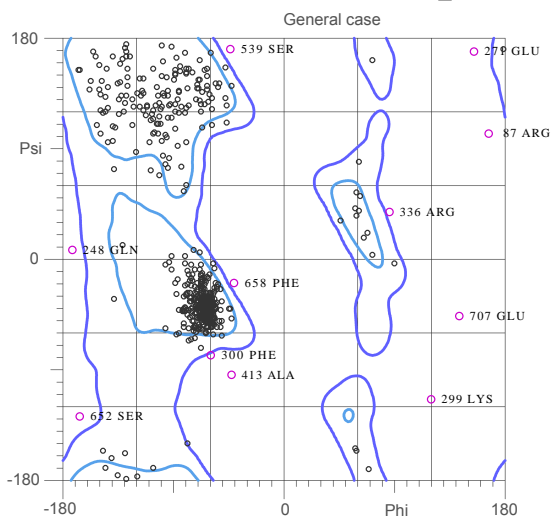
92,3% (748/810) of all residues were in favored (98%) regions.
98,0% (794/810) of all residues were in allowed (>99.8%) regions.

There were 16 outliers (phi, psi):
15 VAL (76,5, -117,2)
87 ARG (167,7, 103,8)
187 ARG (-96,3, 18,5)
248 GLN (-173,4, 8,3)
250 VAL (70,2, 23,4)
271 GLU (155,4, 170,0)
299 LYS (120,7, -114,1)
300 PHE (-60,4, -78,9)
336 ARG (86,3, 39,6)
374 LEU (-85,7, 11,3)
413 ALA (-43,5, -94,7)
539 SER (-44,7, 172,3)
588 ALA (130,6, 136,0)
652 SER (-167,8, -128,7)
658 PHE (-41,1, -19,3)
707 GLU (143,7, -46,6)