MolProbity Ramachandran analysis

1air_.B99990021.pdb, model 1

General case
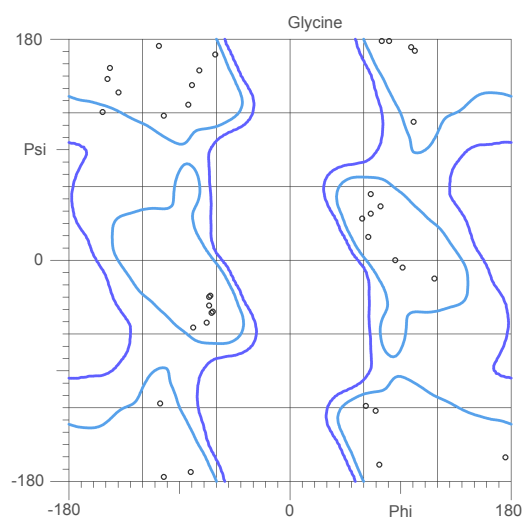

Isoleucine and valine

20 SER
109 LYS

205 ILE
54 ILE
29 ILE

Pre-proline

285 LYS
138 SER
219 LEU

Glycine

Trans proline

286 PRO
159 PRO

Cis proline
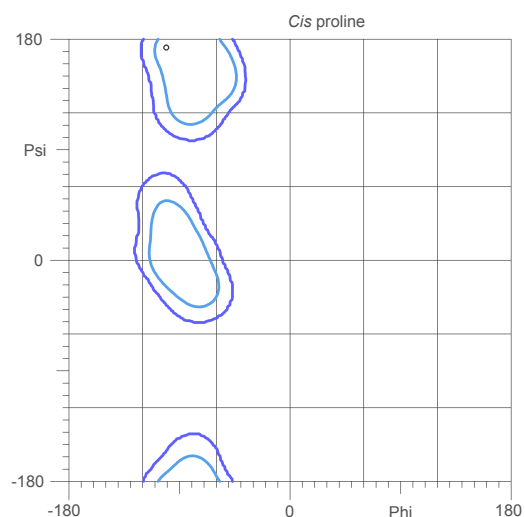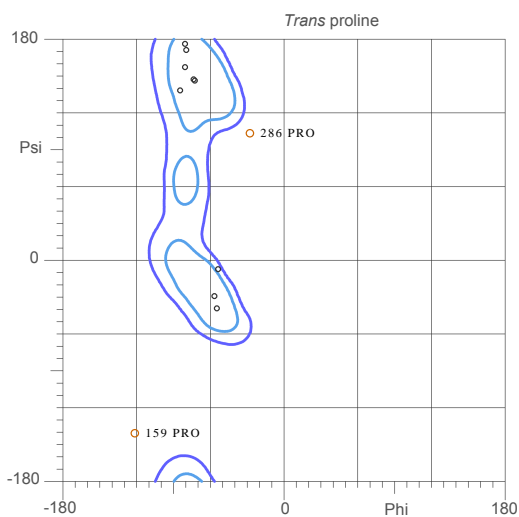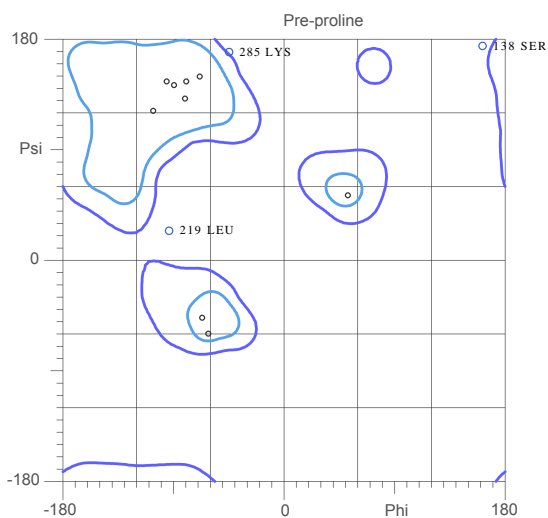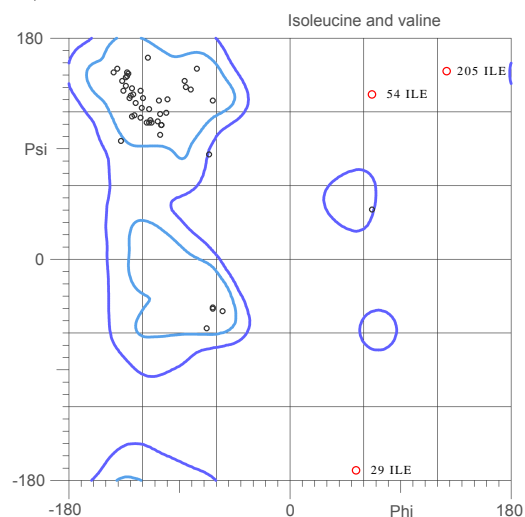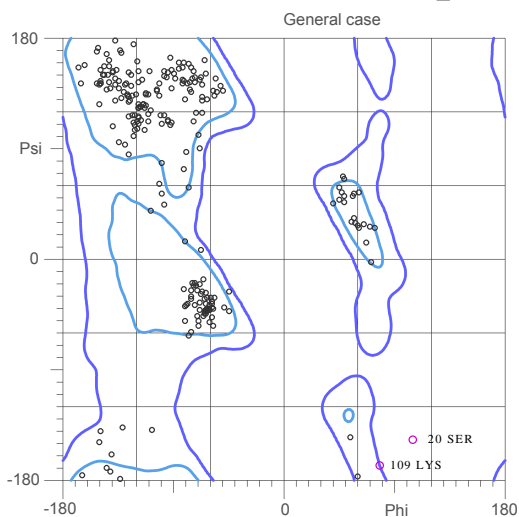
90,3% (316/350) of all residues were in favored (98%) regions.
97,1% (340/350) of all residues were in allowed (>99.8%) regions.

There were 10 outliers (phi, psi):
    20 SER (105,3, -147,1)
    29 ILE (54,8, -172,5)
    54 ILE (67,7, 135,6)
    109 LYS (78,7, -168,5)
    138 SER (162,3, 176,0)
    159 PRO (-122,4, -141,6)
    205 ILE (128,4, 154,2)
    219 LEU (-94,7, 24,4)
    285 LYS (-45,5, 170,7)
    286 PRO (-28,8, 104,0)