MolProbity Ramachandran analysis

1aco_.B99990007.pdb, model 1

General case

356 SER
460 ALA
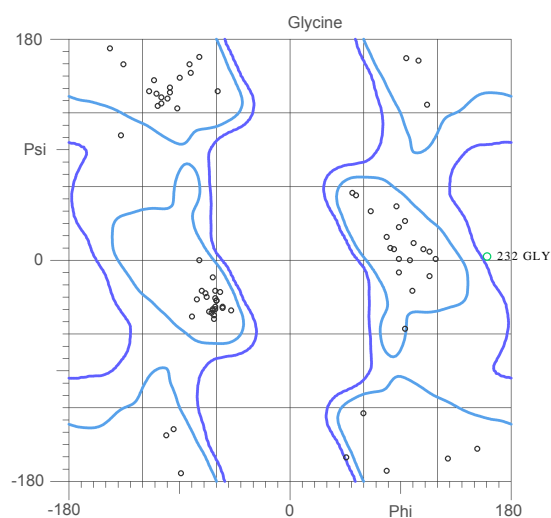77 MET
385 GLN
364 ASP
668 GLU   489 LYS
341 GLU
492 LYS

Psi
Phi
180, 0, -180

Isoleucine and valine

441 VAL
42 VAL
630 VAL
440 ILE

Psi
Phi

Pre-proline

615 VAL

Psi
Phi

Glycine

232 GLY

Psi
Phi

Trans proline

Psi
Phi

Cis proline

Psi
Phi
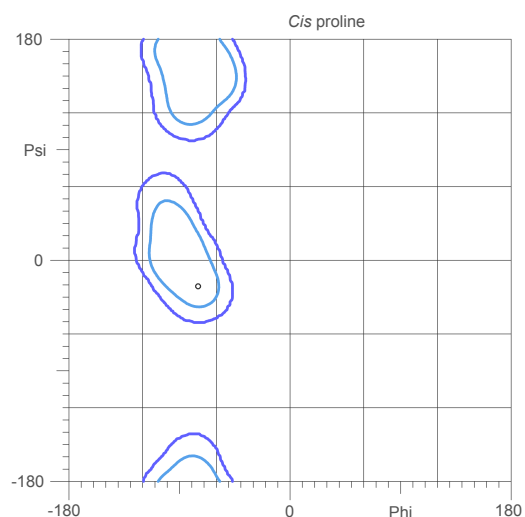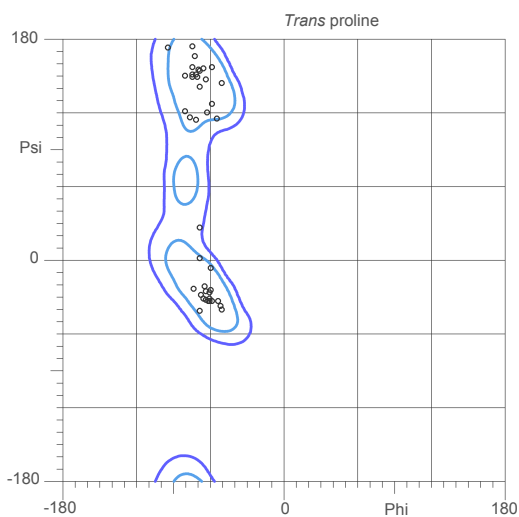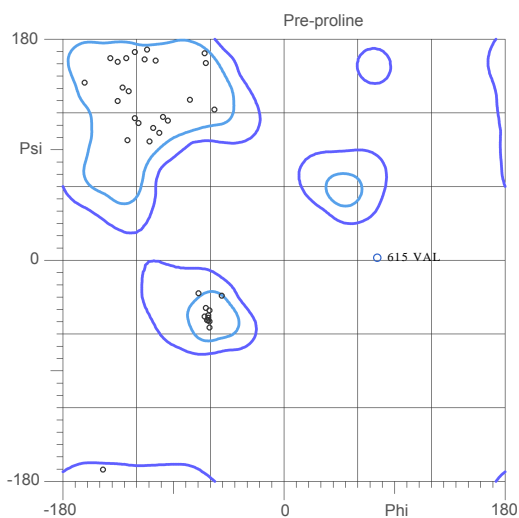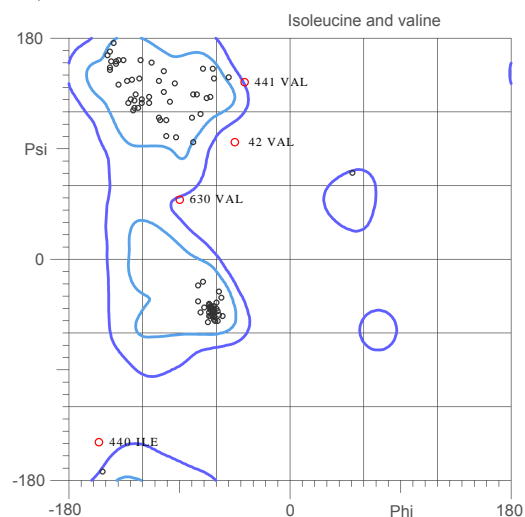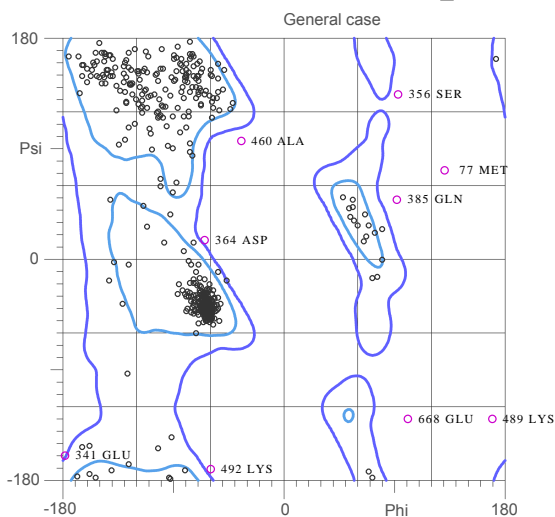
93.5% (702/751) of all residues were in favored (98%) regions.
98.0% (736/751) of all residues were in allowed (>99.8%) regions.

There were 15 outliers (phi, psi):
    42 VAL (-45.6, 96.6)
    77 MET (131.1, 73.6)
    232 GLY (161.2, 3.8)
    341 GLU (-179.2, -161.0)
    356 SER (93.7, 135.9)
    364 ASP (-65.8, 16.1)
    385 GLN (92.3, 49.1)
    440 ILE (-156.1, -149.9)
    441 VAL (-38.0, 146.0)
    460 ALA (-35.1, 97.2)
    489 LYS (170.9, -130.6)
    492 LYS (-60.6, -171.4)
    615 VAL (76.2, 2.8)
    630 VAL (-90.4, 49.1)
    668 GLU (102.0, -130.9)