MolProbity Ramachandran analysis

1aco_.B99990031.pdb, model 1

General case

- 335 GLU
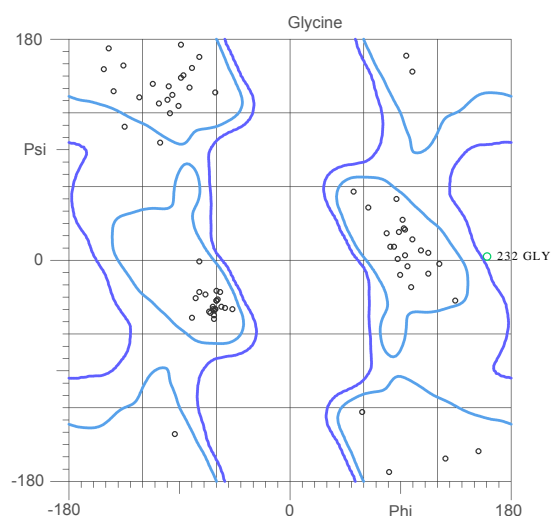- 356 SER
- 364 ASP
- 747 MET
- 76 GLN
- 439 THR
- 668 GLU
- 489 LYS
- 384 SER
- 341 GLU

Isoleucine and valine

- 42 VAL
- 630 VAL

Pre-proline

- 615 VAL

Glycine

- 232 GLY

Trans proline

- 156 PRO

Cis proline
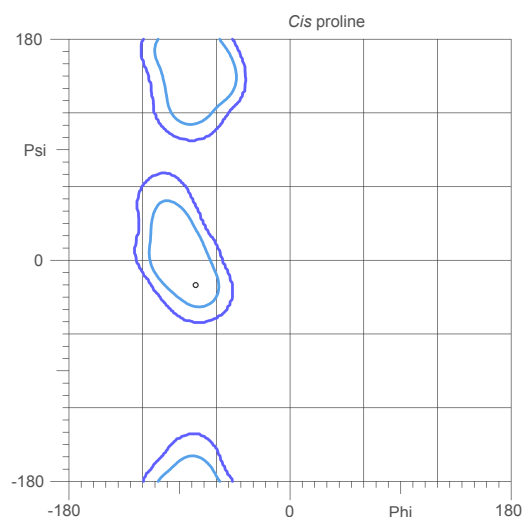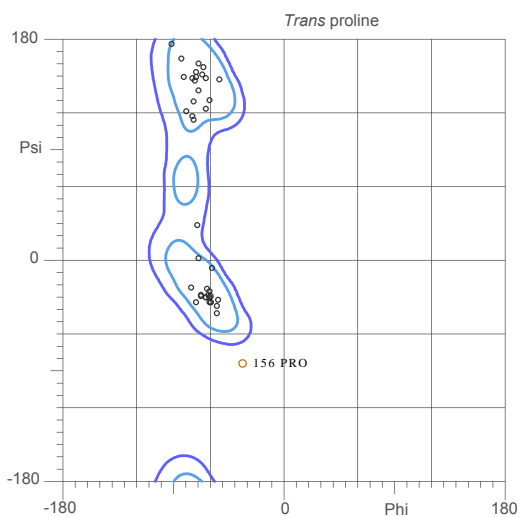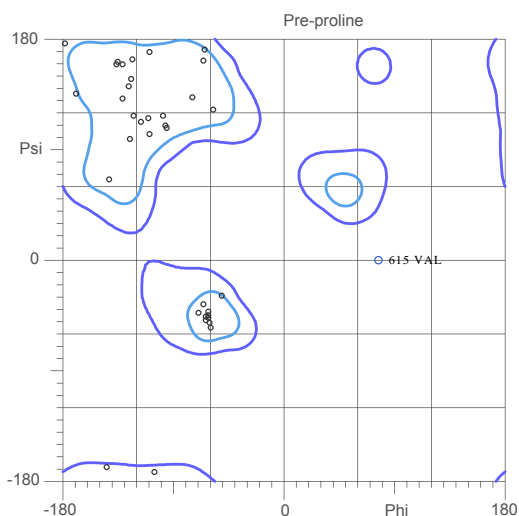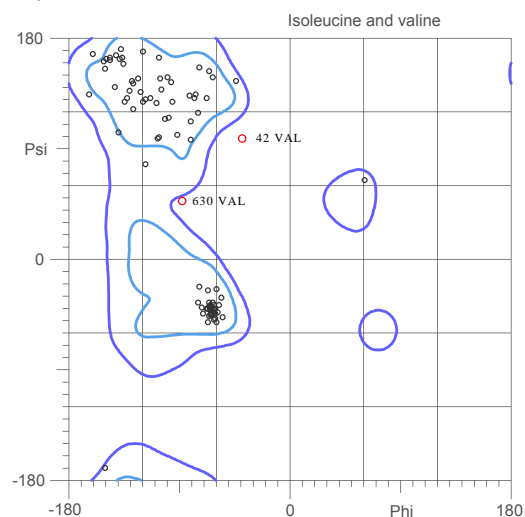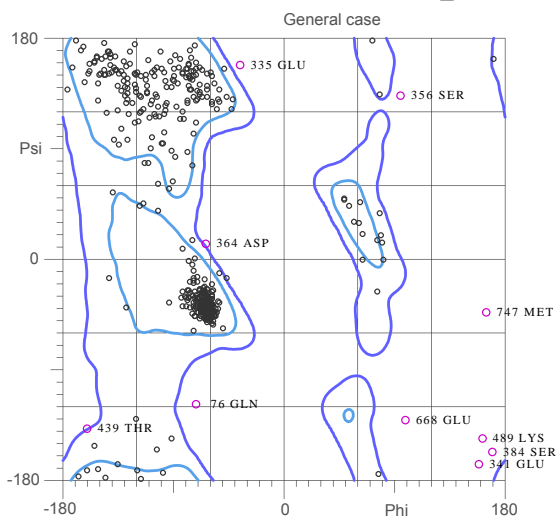
92.3% (693/751) of all residues were in favored (98%) regions.
98.0% (736/751) of all residues were in allowed (>99.8%) regions.

There were 15 outliers (phi, psi):
   42 VAL (-39.7, 99.4)
   76 GLN (-72.9, -118.7)
   156 PRO (-34.3, -84.0)
   232 GLY (161.8, 3.5)
   335 GLU (-36.4, 159.6)
   341 GLU (159.9, -167.5)
   356 SER (95.9, 134.1)
   364 ASP (-64.4, 13.1)
   384 SER (170.4, -157.2)
   439 THR (-161.0, -138.9)
   489 LYS (162.4, -146.2)
   615 VAL (77.5, 0.3)
   630 VAL (-88.5, 48.5)
   668 GLU (99.5, -131.2)
   747 MET (165.7, -43.2)