MolProbity Ramachandran analysis

1a8y_.B99990029.pdb, model 1

General case

Isoleucine and valine
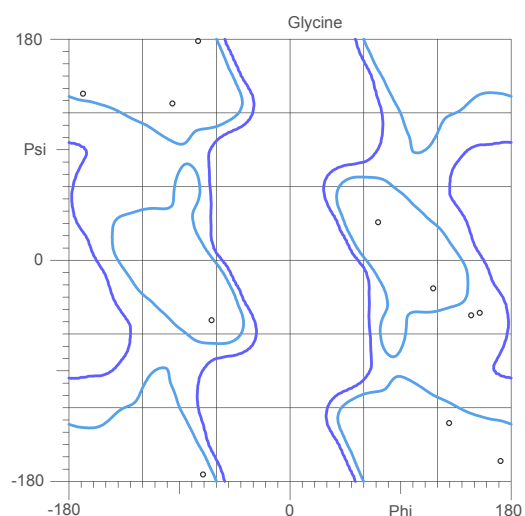
- 328 GLU
- 226 SER
- 243 ASP
- 279 ASP
- 84 LYS
- 276 ASP
- 227 THR
- 88 THR
- 334 LEU
- 75 SER
- 77 LYS

Pre-proline

- 172 ILE
- 169 HIS
- 209 LYS
- 232 LYS

Glycine

Trans proline

- 325 PRO
- 233 PRO
- 170 PRO

Cis proline
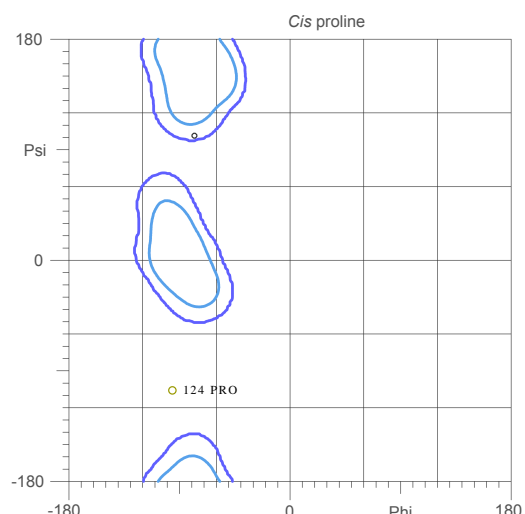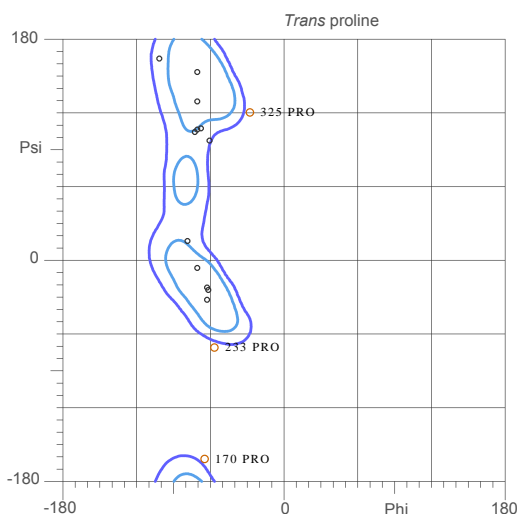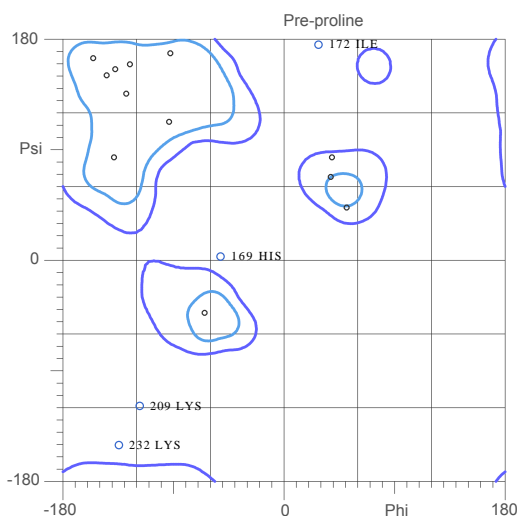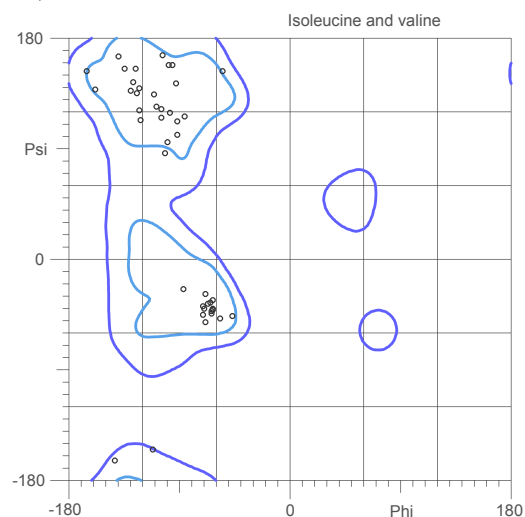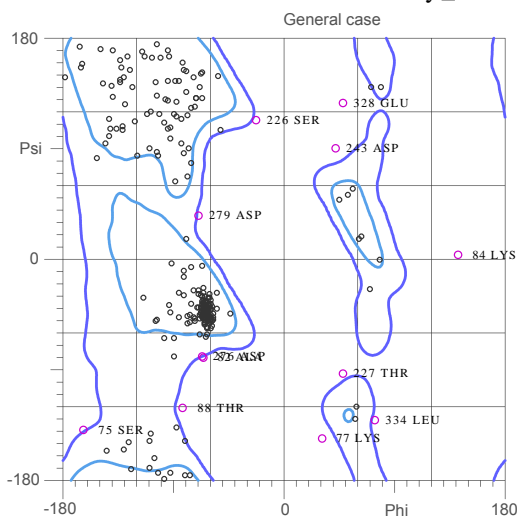
- 124 PRO

82.7% (278/336) of all residues were in favored (98%) regions.
94.0% (316/336) of all residues were in allowed (>99.8%) regions.

There were 20 outliers (phi, psi):
75 SER (-164.9, -139.6)
77 LYS (31.6, -146.5)
82 ALA (-66.5, -80.2)
84 LYS (142.4, 5.0)
88 THR (-83.8, -121.1)
124 PRO (-96.6, -106.1)
169 HIS (-52.5, 3.1)
170 PRO (-85.7, -162.7)
172 ILE (28.2, 176.9)
209 LYS (-118.4, -119.6)
226 SER (-23.3, 114.9)
227 THR (48.7, -93.2)
232 LYS (-135.6, -151.3)
233 PRO (-57.7, -71.9)
243 ASP (42.9, 91.8)
276 ASP (-67.5, -79.7)
279 ASP (-70.9, 36.6)
325 PRO (-28.6, 121.4)
328 GLU (48.6, 128.3)
334 LEU (74.4, -131.9)