MolProbity Ramachandran analysis

1a8y_.B99990020.pdb, model 1

General case

Psi / Phi
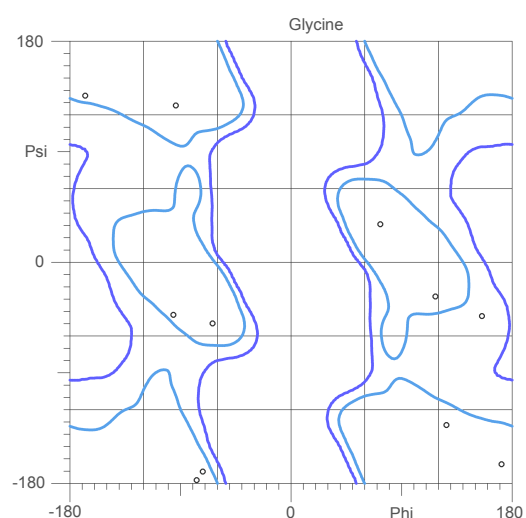
328 GLU · 280 LEU
226 SER
243 ASP
84 LYS
82 ALA
88 THR
77 LYS

Isoleucine and valine

Psi / Phi

Pre-proline

172 ILE
169 HIS
209 LYS
232 LYS

Glycine

Trans proline

325 PRO
287 PRO
233 PRO
170 PRO

Cis proline
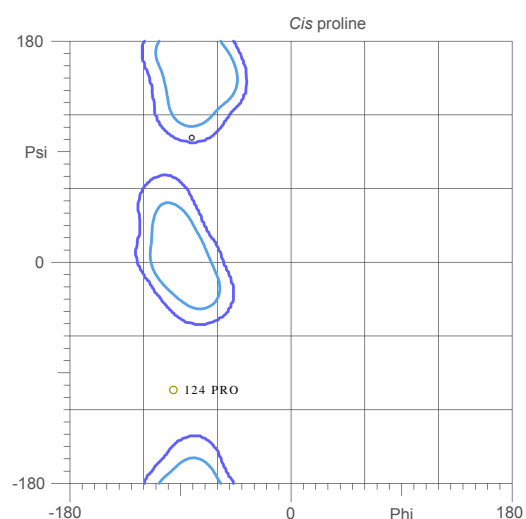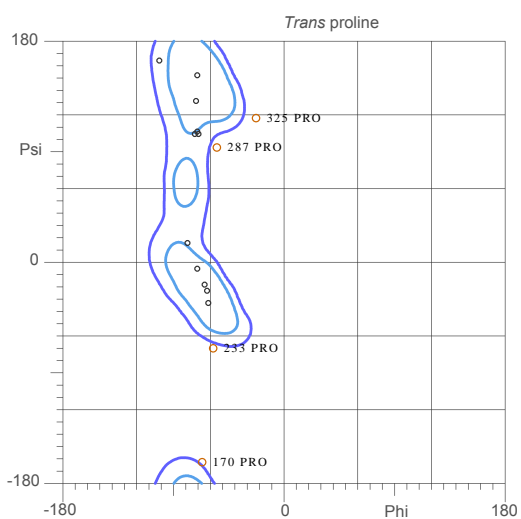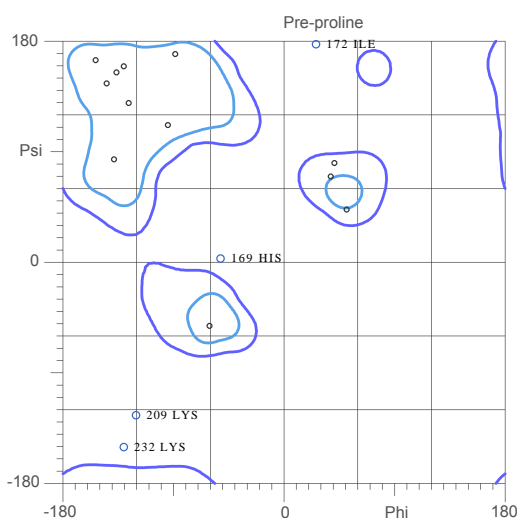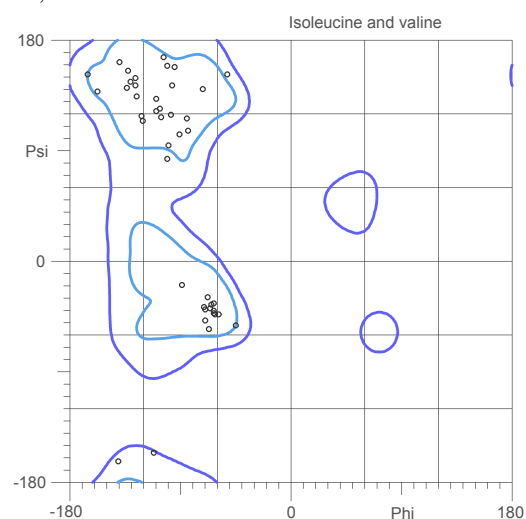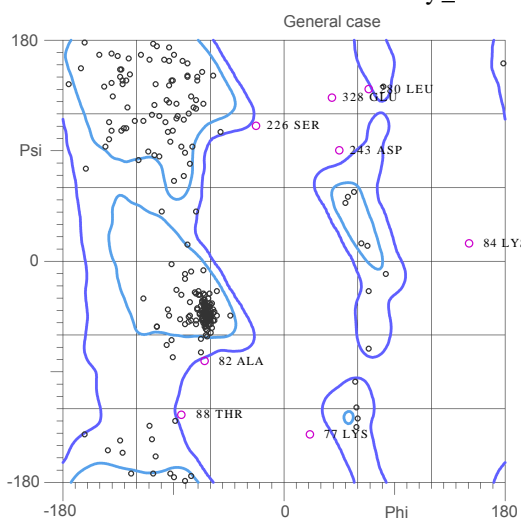
124 PRO

82,7% (278/336) of all residues were in favored (98%) regions.
94,9% (319/336) of all residues were in allowed (>99.8%) regions.

There were 17 outliers (phi, psi):
77 LYS (21,8, -141,3)
82 ALA (-65,9, -81,4)
84 LYS (151,4, 15,1)
88 THR (-84,6, -125,1)
124 PRO (-96,7, -104,7)
169 HIS (-52,4, 3,3)
170 PRO (-67,8, -163,1)
172 ILE (26,7, 178,7)
209 LYS (-121,1, -125,8)
226 SER (-23,6, 111,8)
232 LYS (-131,7, -151,9)
233 PRO (-58,6, -70,8)
243 ASP (45,1, 91,1)
280 LEU (69,1, 141,3)
287 PRO (-55,6, 95,0)
325 PRO (-23,8, 118,3)
328 GLU (39,2, 134,2)