MolProbity Ramachandran analysis

1a8y_.B99990033.pdb, model 1

General case

87 LEU
280 LEU
328 GLU
226 SER
243 ASP
88 THR
316 THR
77 LYS
208 ASP

Isoleucine and valine

Pre-proline

172 ILE
169 HIS
209 LYS
232 LYS

Glycine

Trans proline

325 PRO
287 PRO
233 PRO
170 PRO

Cis proline
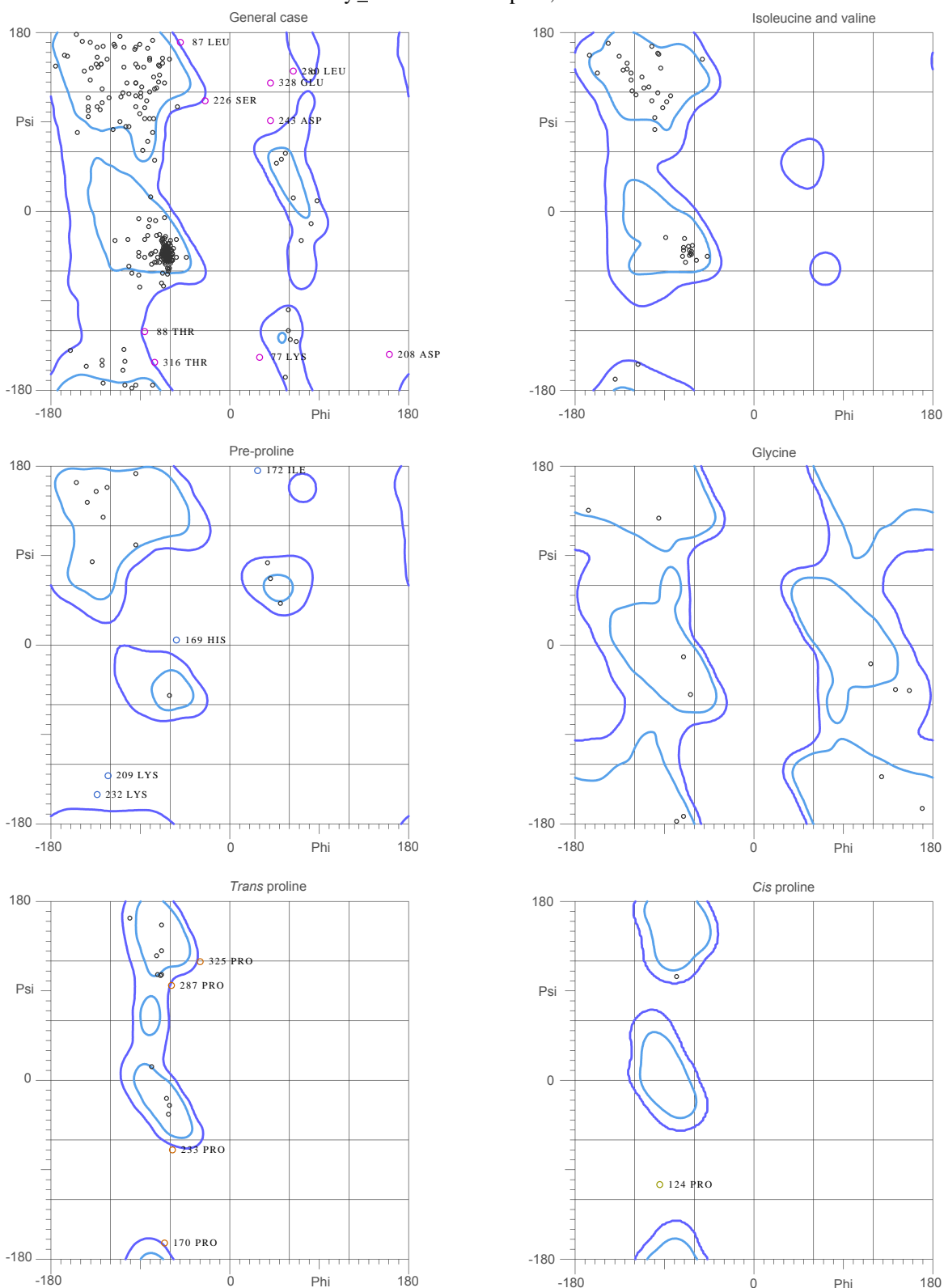
124 PRO

82.1% (276/336) of all residues were in favored (98%) regions.
94.6% (318/336) of all residues were in allowed (>99.8%) regions.

There were 18 outliers (phi, psi):
  77 LYS (30.8, -147.1)
  87 LEU (-80.4, 171.5)
  88 THR (-86.6, -121.9)
  124 PRO (-95.7, -105.7)
  169 HIS (-54.4, 5.8)
  170 PRO (-66.7, -164.3)
  172 ILE (28.9, 176.6)
  208 ASP (161.1, -144.5)
  209 LYS (-123.9, -132.2)
  226 SER (-25.5, 112.9)
  232 LYS (-134.9, -151.8)
  233 PRO (-88.2, -70.9)
  243 ASP (41.7, 92.5)
  280 LEU (64.8, 142.7)
  287 PRO (-59.3, 96.7)
  316 THR (-76.4, -152.2)
  325 PRO (-31.0, 121.0)
  328 GLU (41.4, 130.7)