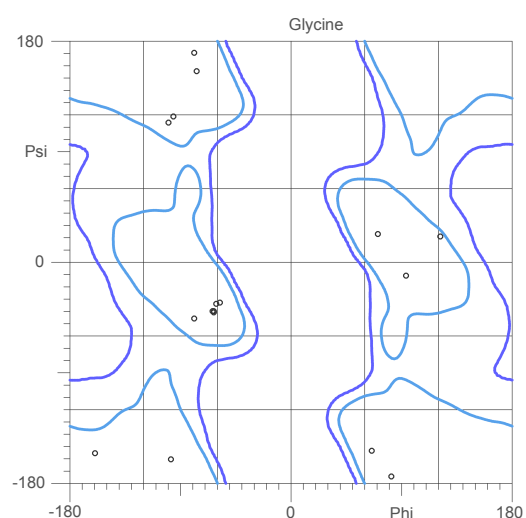# MolProbity Ramachandran analysis

1ast_.B99990013.pdb, model 1

General case

Psi · Phi

○ 72 SER

Isoleucine and valine

Psi · Phi

○ 57 ILE
○ 137 VAL

Pre-proline

Psi · Phi

Glycine

Psi · Phi

Trans proline

Psi · Phi

○ 16 PRO

Cis proline

Psi · Phi
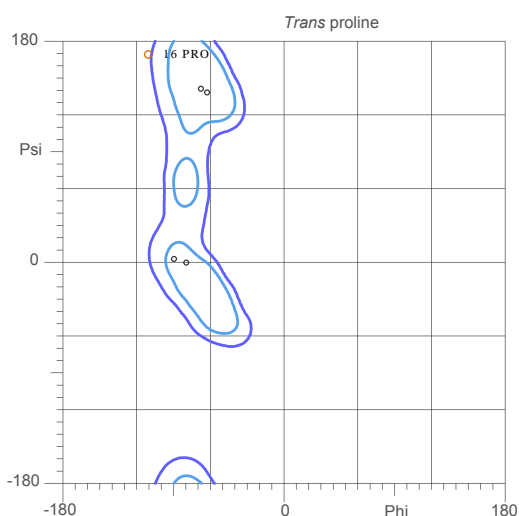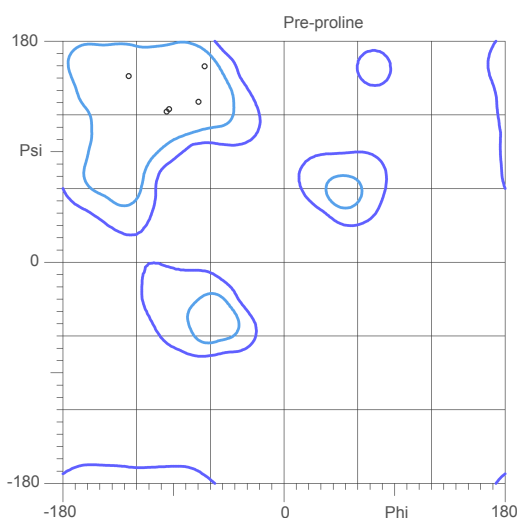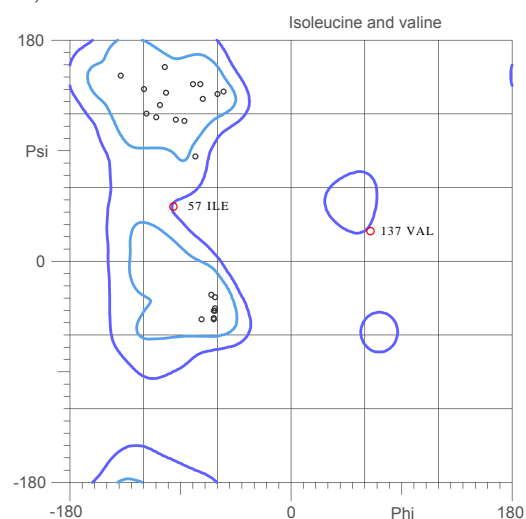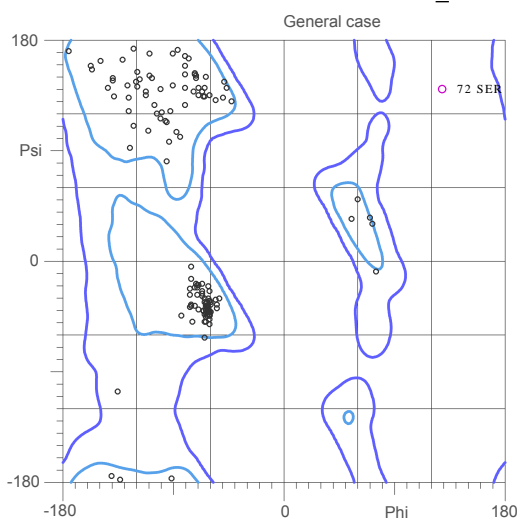
94,9% (188/198) of all residues were in favored (98%) regions.
98,0% (194/198) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
    16 PRO (-111,8, 170,8)
    57 ILE (-96,2, 45,4)
    72 SER (129,9, 141,4)
    137 VAL (65,6, 25,1)