MolProbity Ramachandran analysis

16pk_.B99990001.pdb, model 1
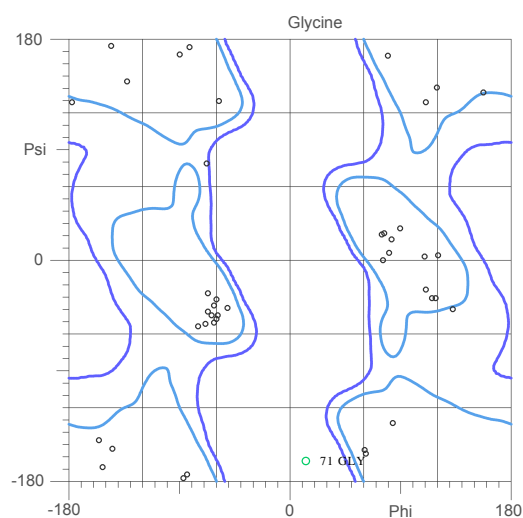

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline
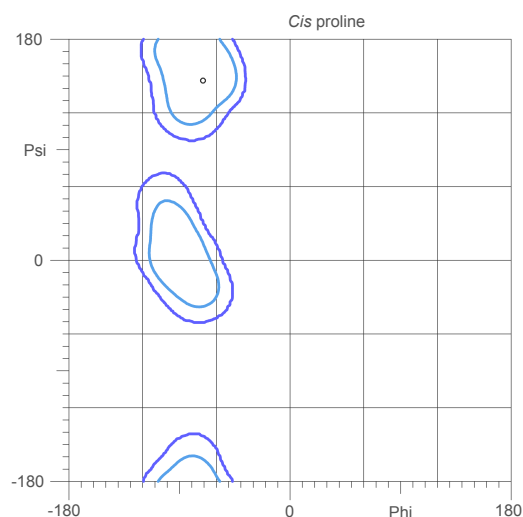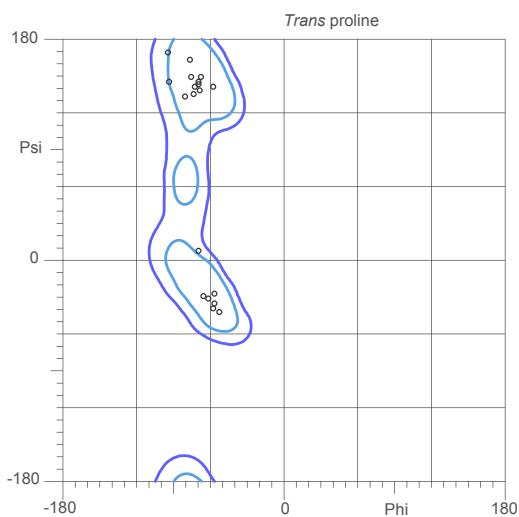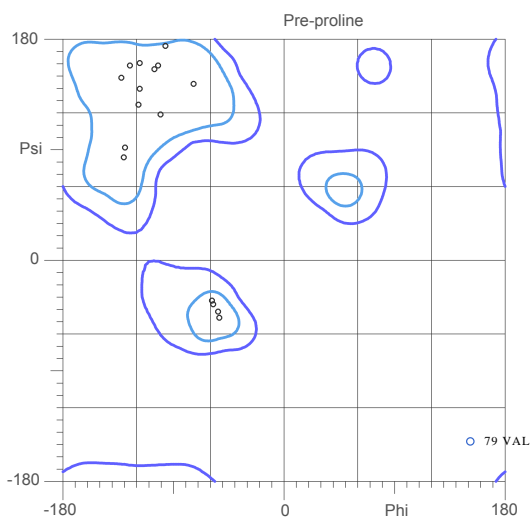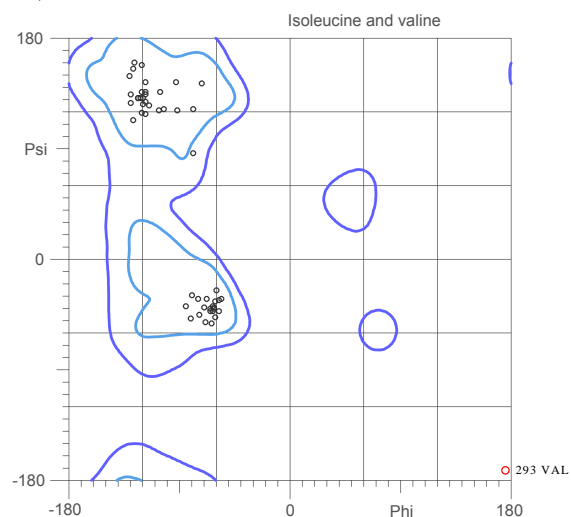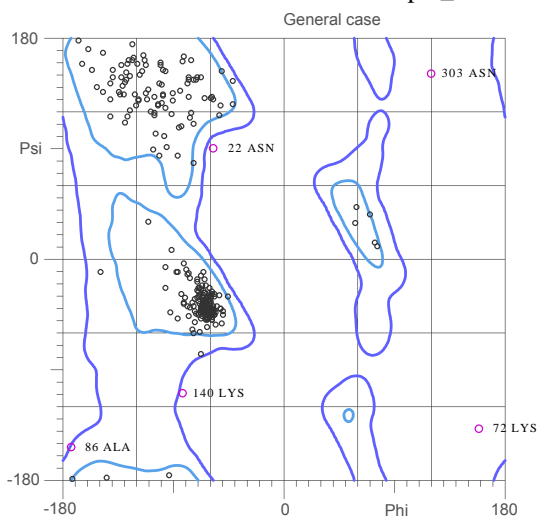
94,7% (391/413) of all residues were in favored (98%) regions.
98,1% (405/413) of all residues were in allowed (>99.8%) regions.

There were 8 outliers (phi, psi):
    22 ASN (-58,9, 92,0)
    71 GLY (14,0, -164,7)
    72 LYS (159,8, -138,8)
    79 VAL (152,0, -148,4)
    86 ALA (-174,6, -153,5)
    140 LYS (-83,3, -109,5)
    293 VAL (176,4, -172,5)
    303 ASN (120,2, 152,6)