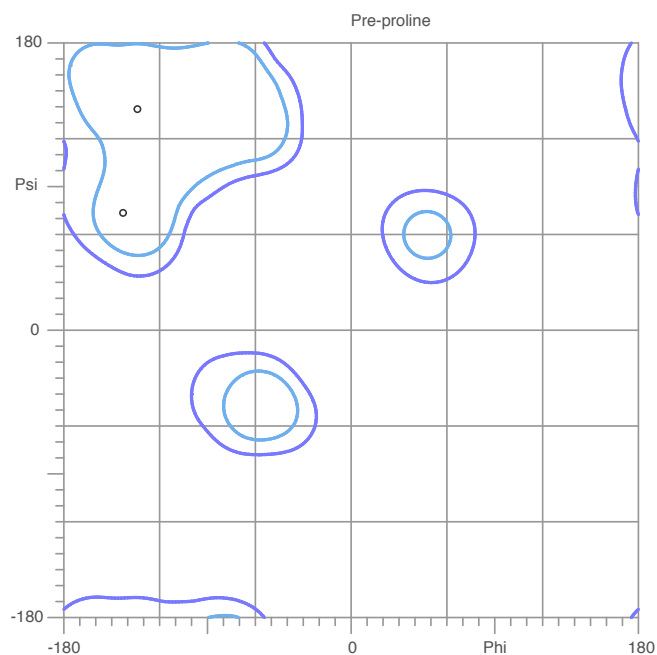
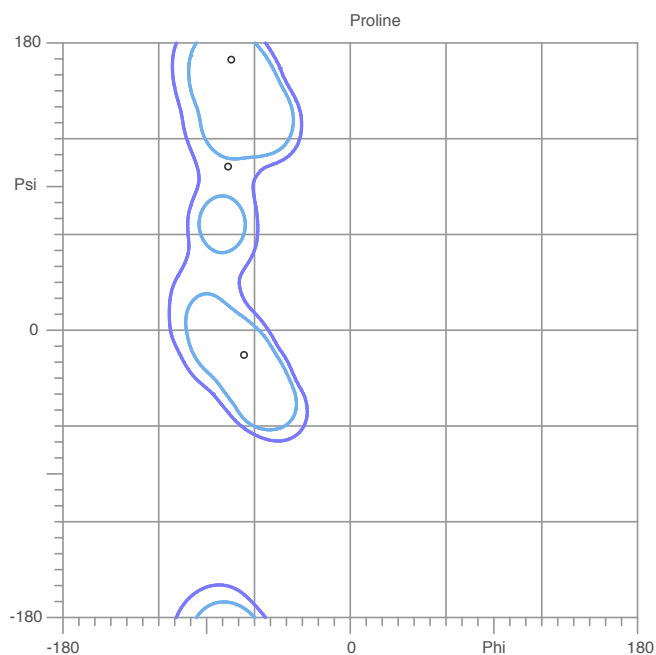
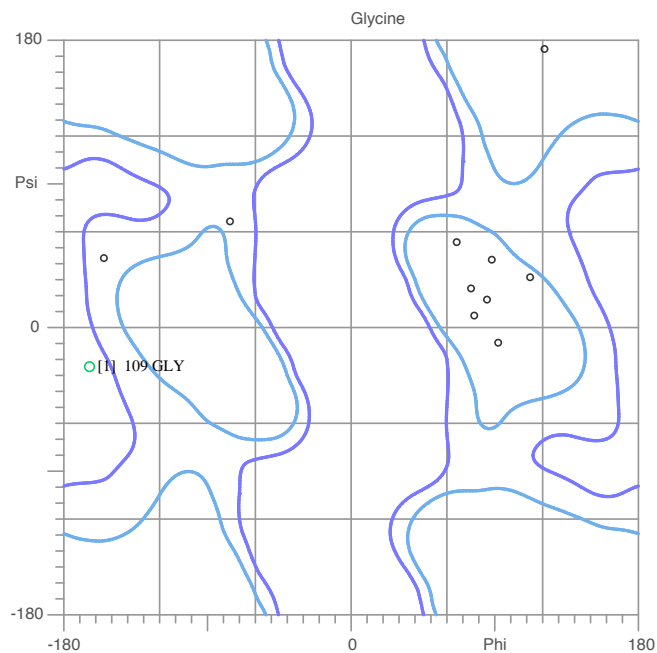
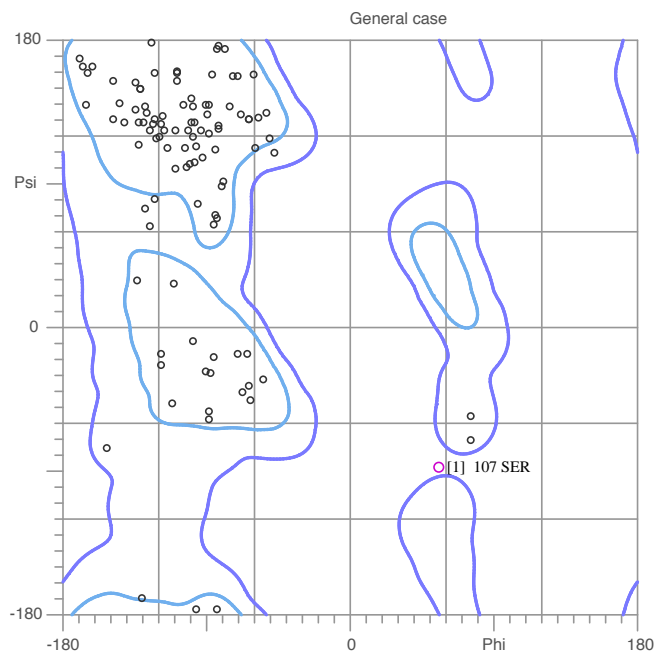


MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 1

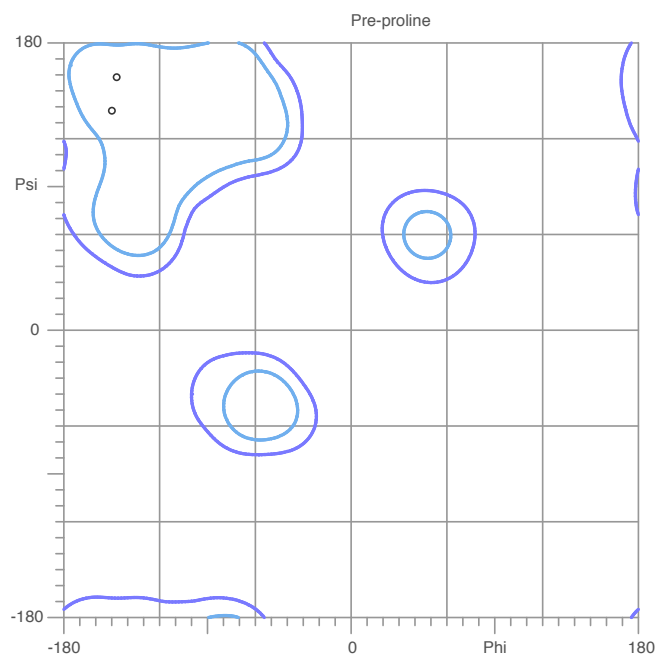
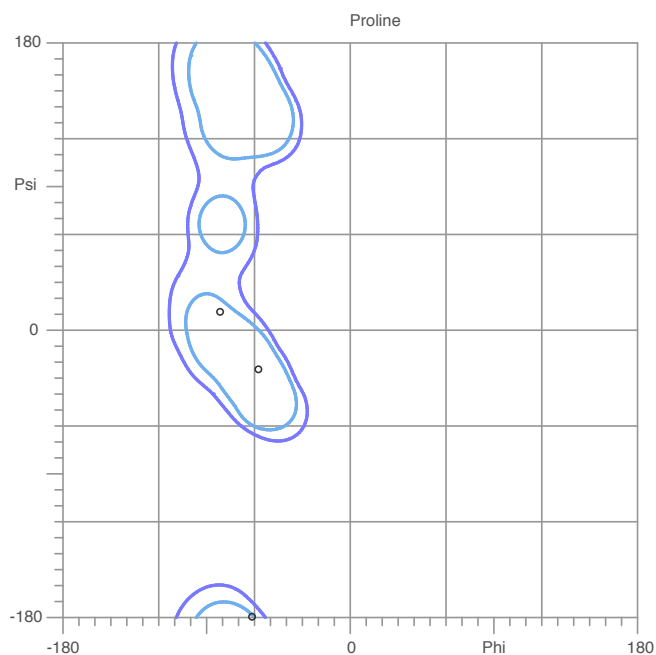
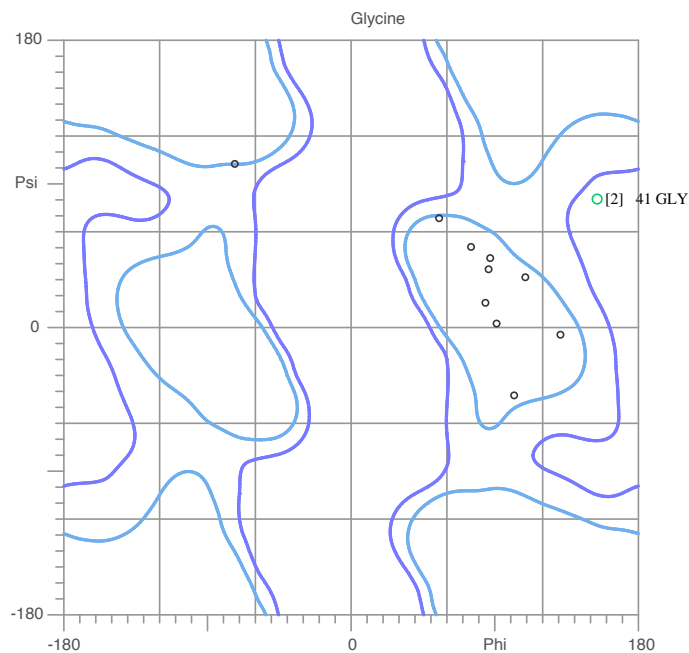
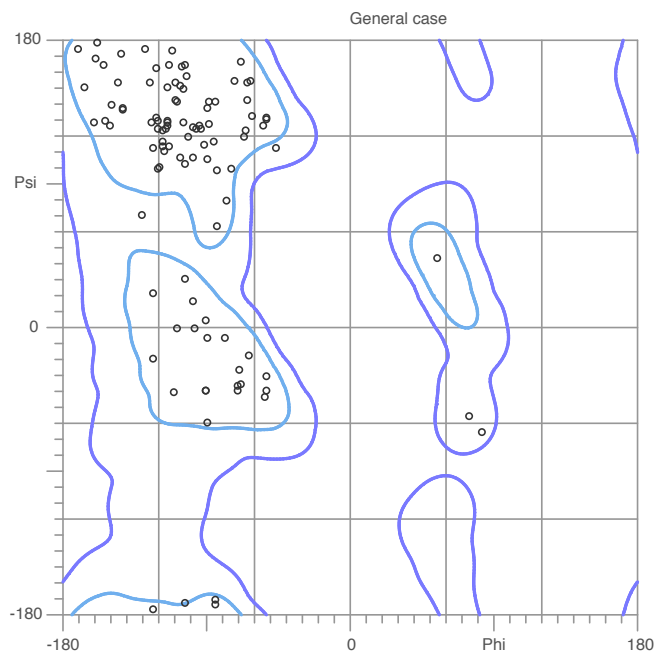


89.2% (107/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[1] 107 SER (55.4, -87.4)
[1] 109 GLY (-165.0, -24.9)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 2



95.0% (114/120) of all residues were in favored (98%) regions.
99.2% (119/120) of all residues were in allowed (>99.8%) regions.

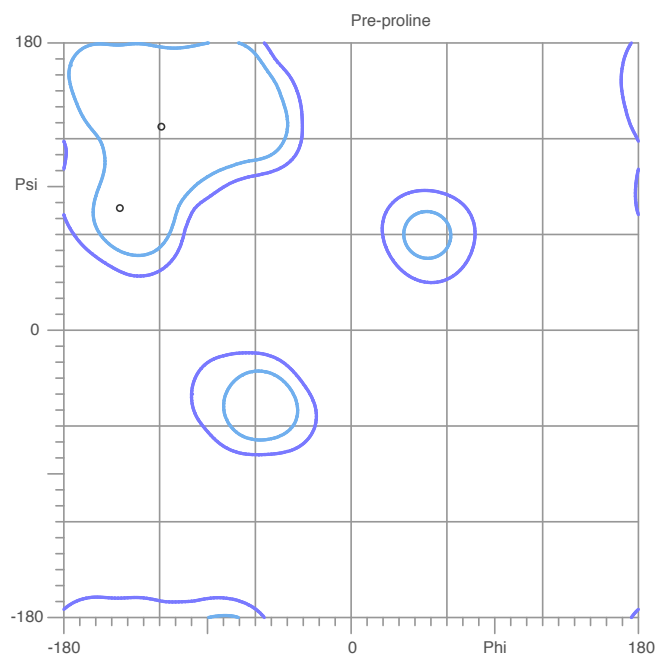
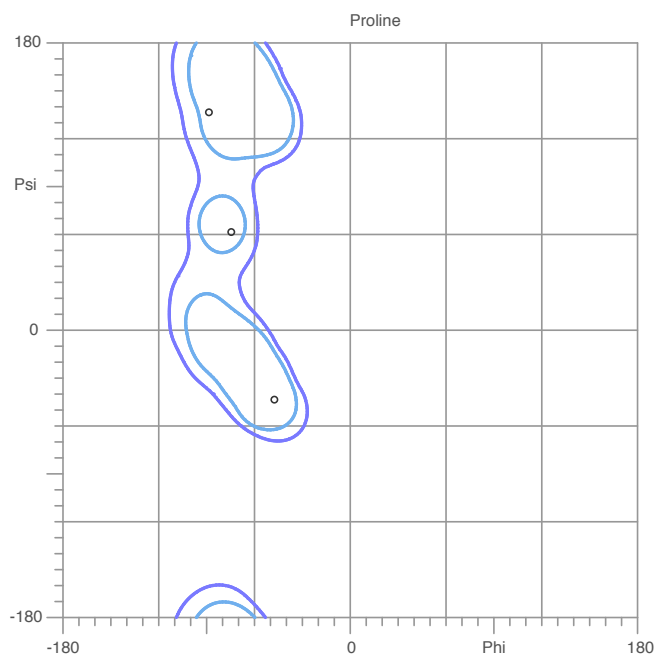
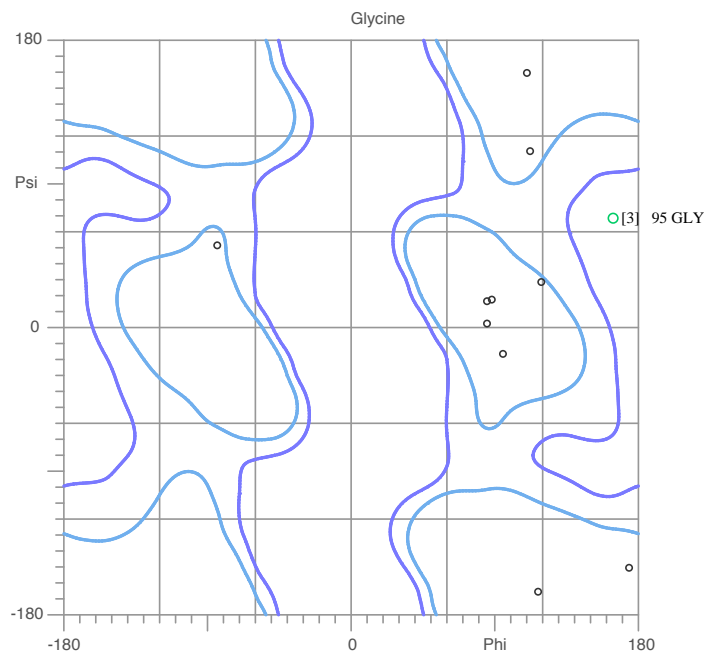
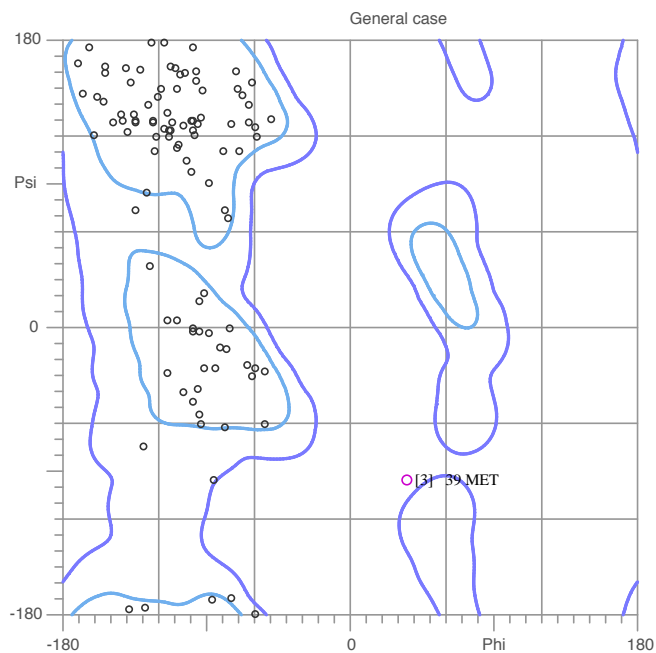
There were 1 outliers (phi, psi):
[2] 41 GLY (154.2, 81.7)

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MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 3

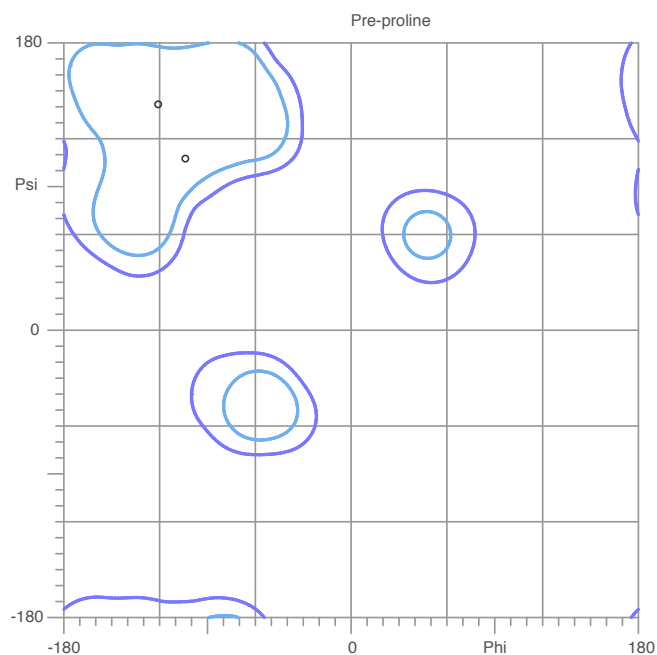
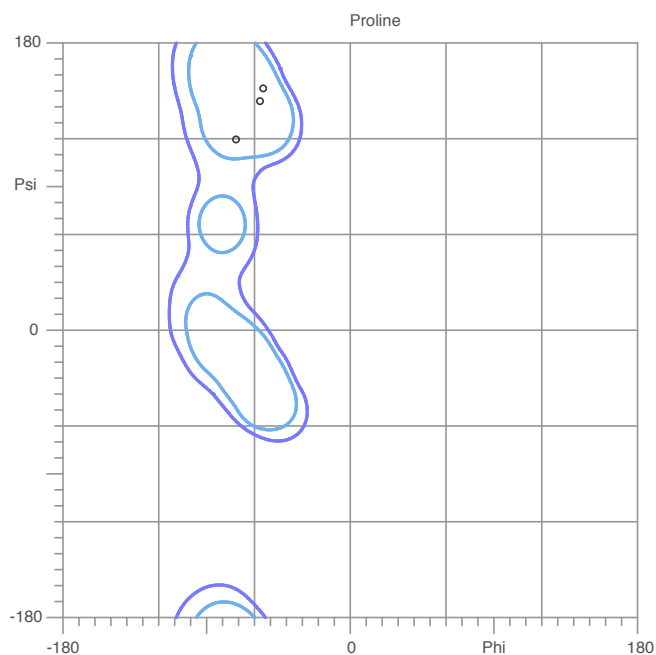
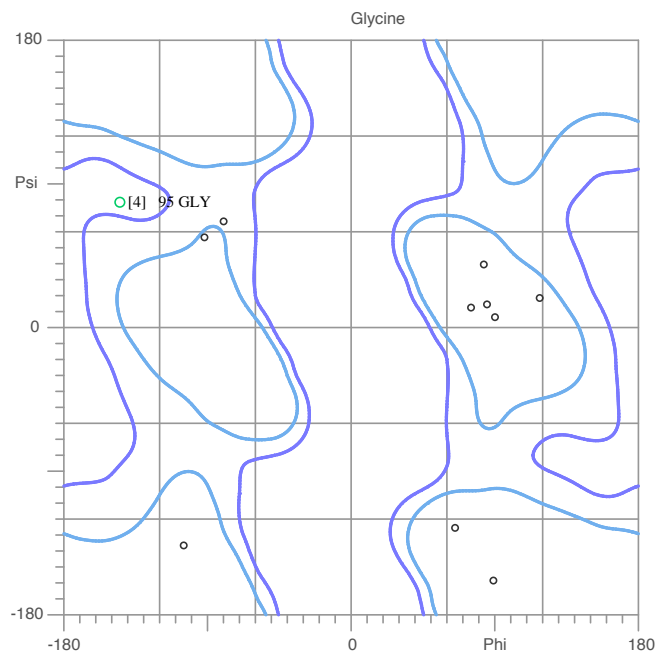
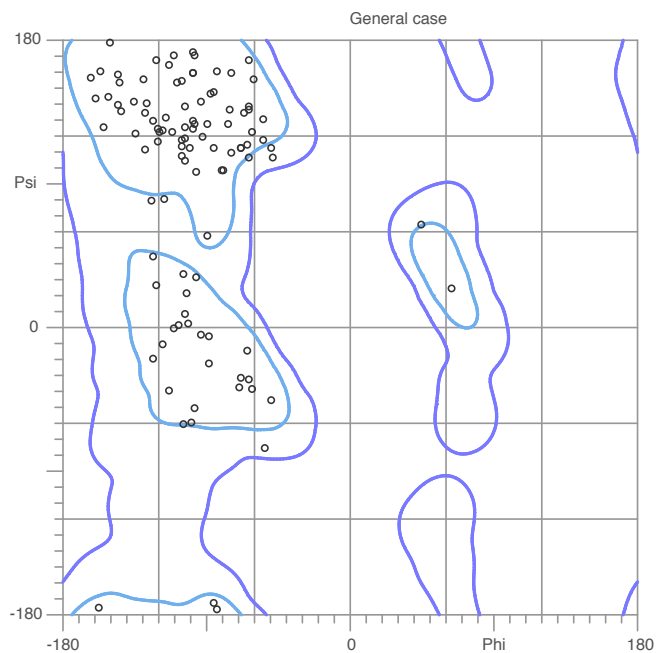


94.2% (113/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[3] 39 MET (35.2, -95.2)
[3] 95 GLY (165.0, 69.8)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 4

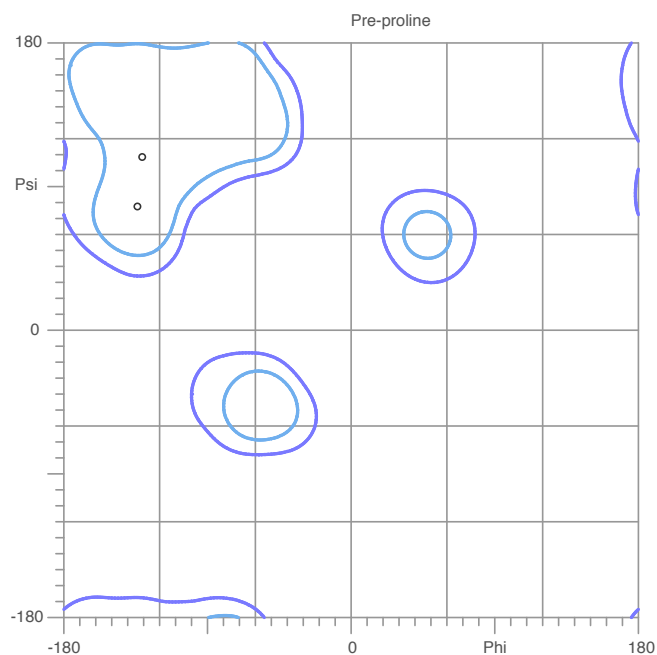
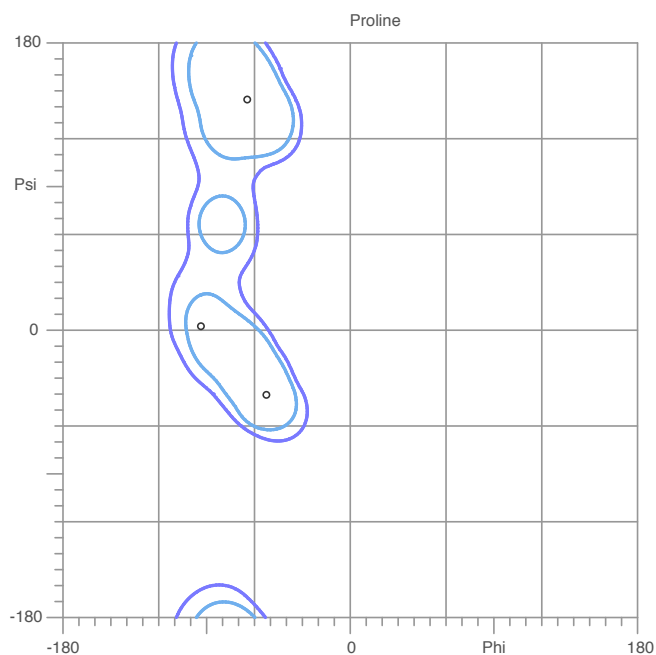
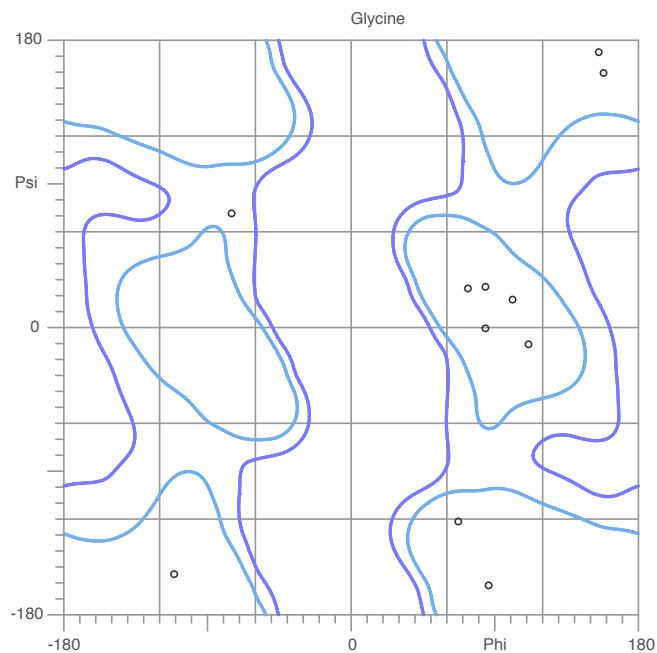
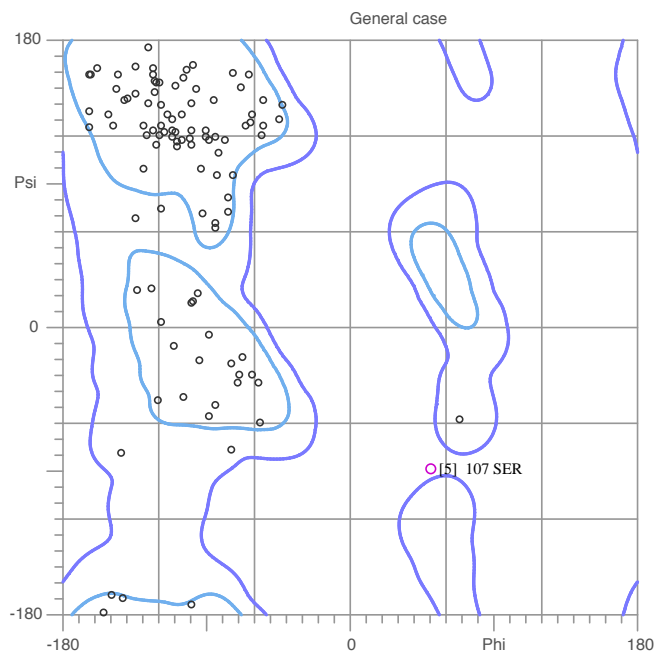


93.3% (112/120) of all residues were in favored (98%) regions.
99.2% (119/120) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[4] 95 GLY (-145.0, 79.2)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 5



94.2% (113/120) of all residues were in favored (98%) regions.
99.2% (119/120) of all residues were in allowed (>99.8%) regions.

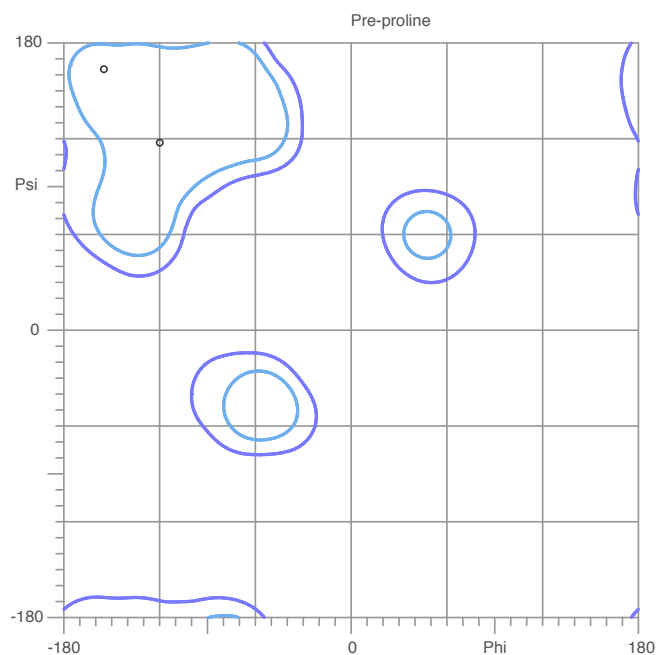
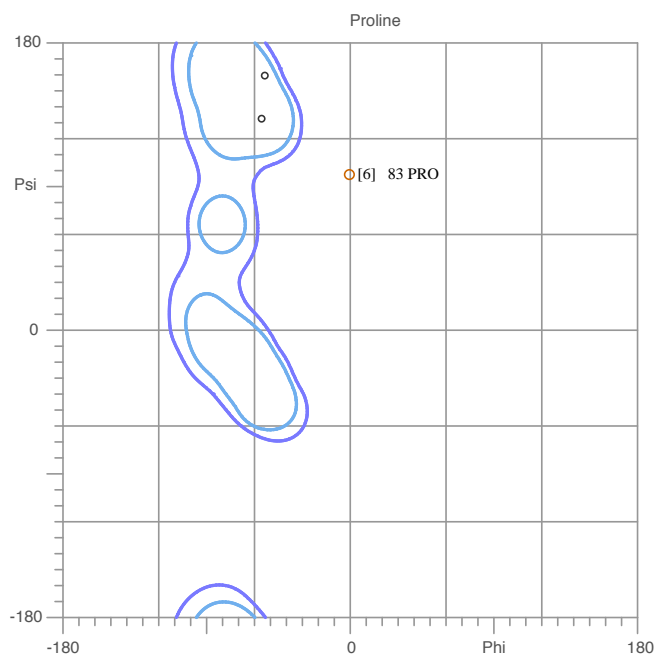
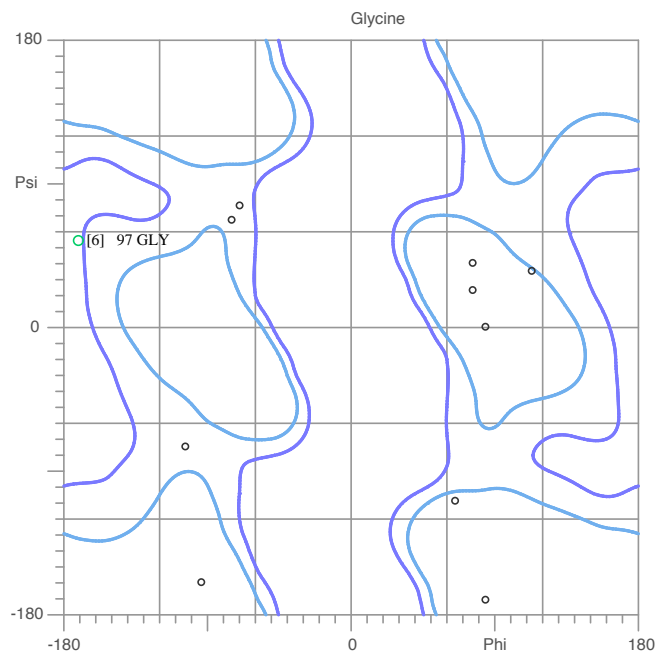
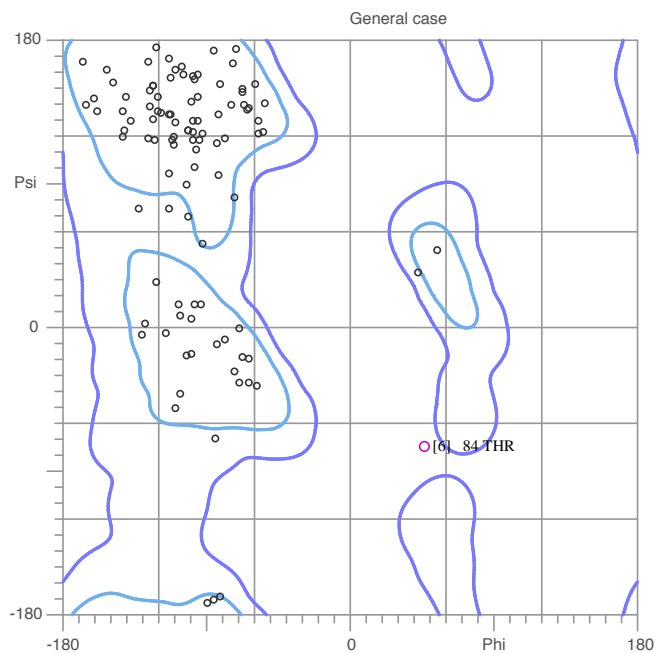
There were 1 outliers (phi, psi):
[5] 107 SER (50.4, -88.1)

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MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 6



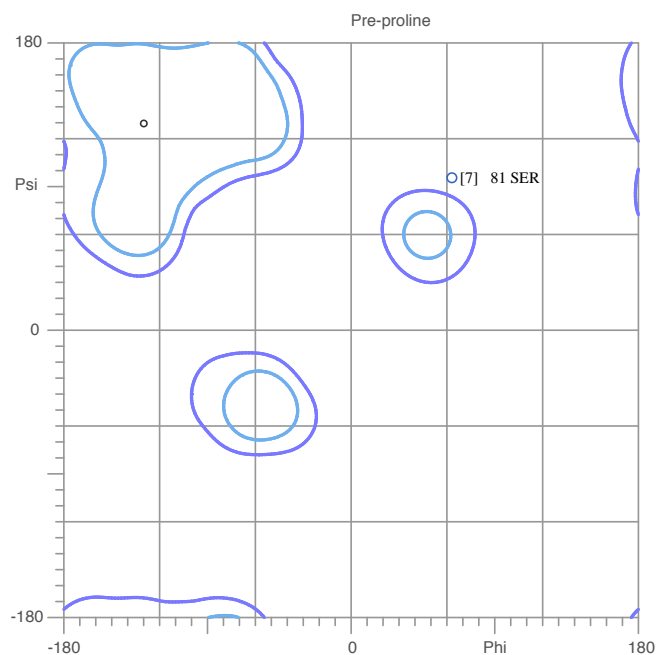
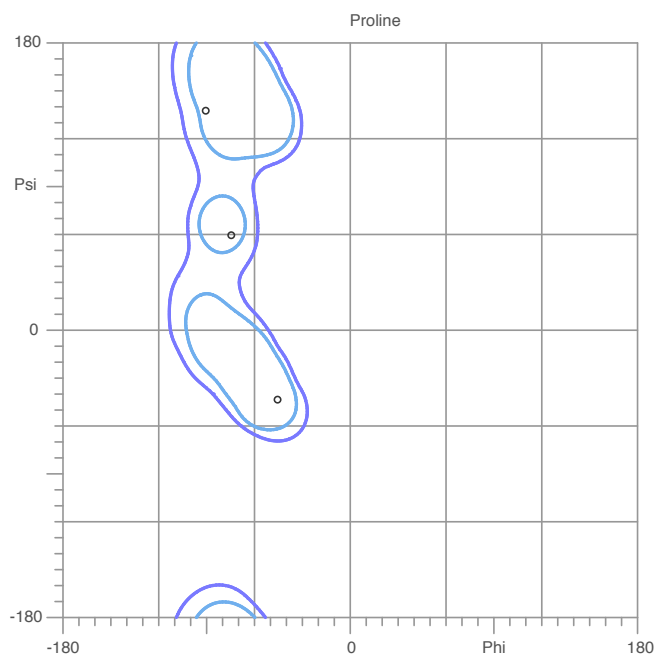
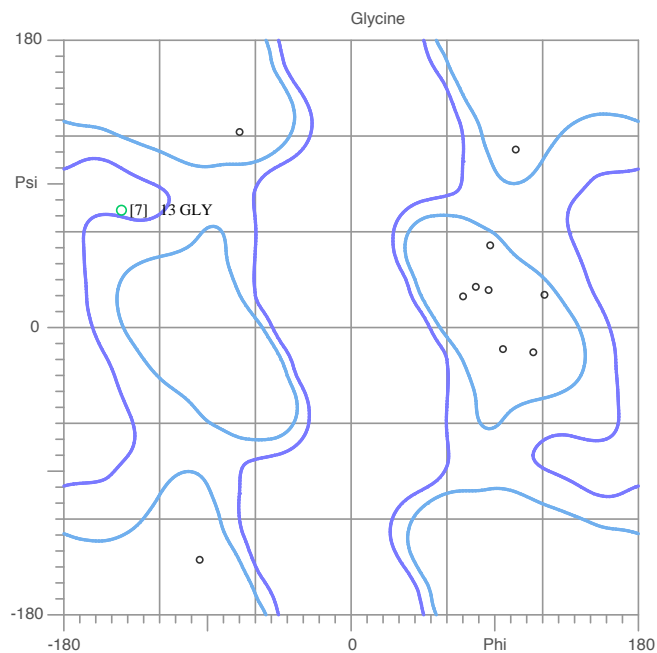
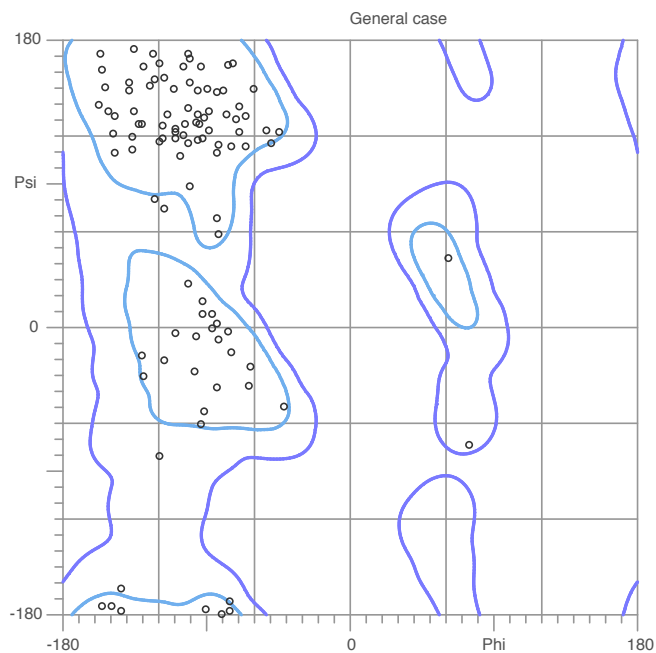
90.8% (109/120) of all residues were in favored (98%) regions.
97.5% (117/120) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [6] 83 PRO (-2.0, 98.6)
- [6] 84 THR (46.4, -74.8)
- [6] 97 GLY (-171.9, 55.1)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 7



93.3% (112/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

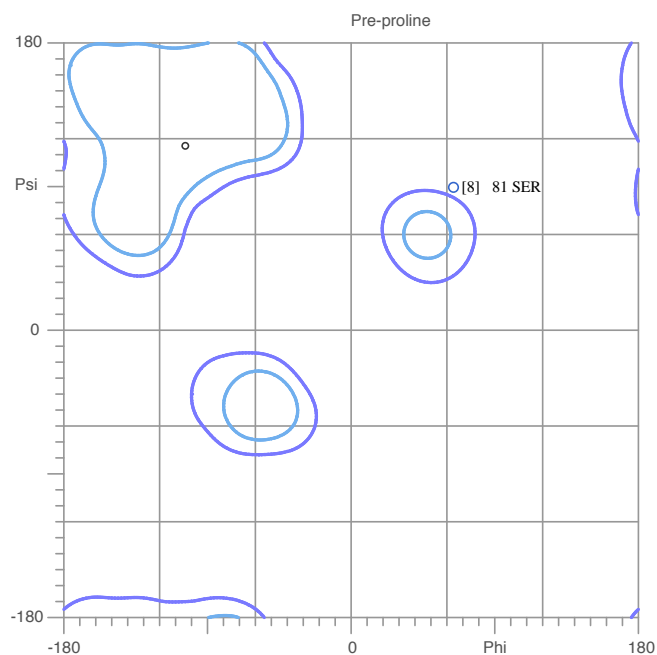
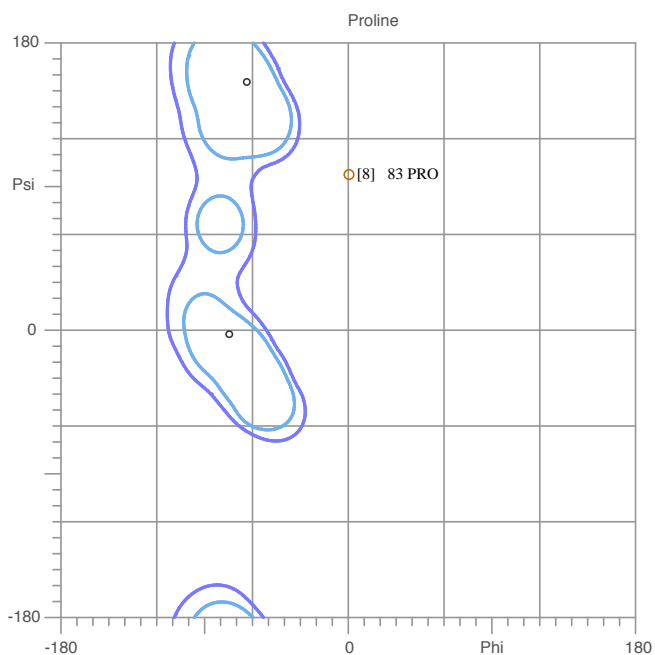
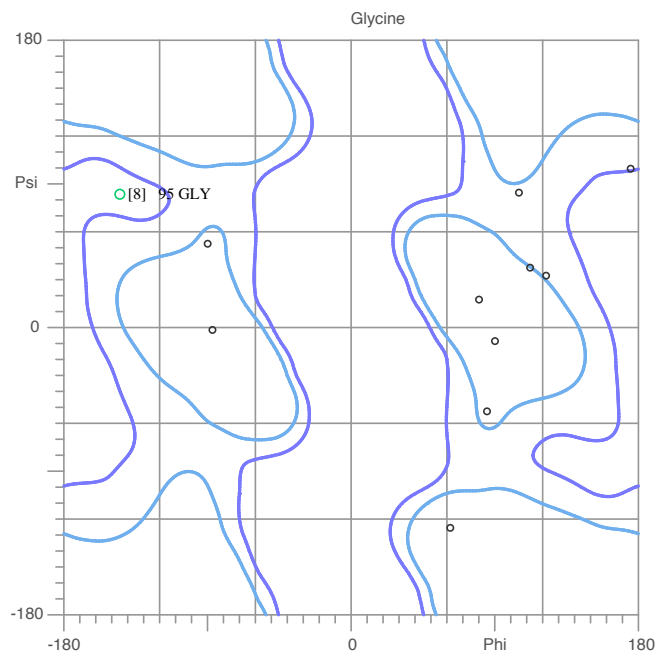
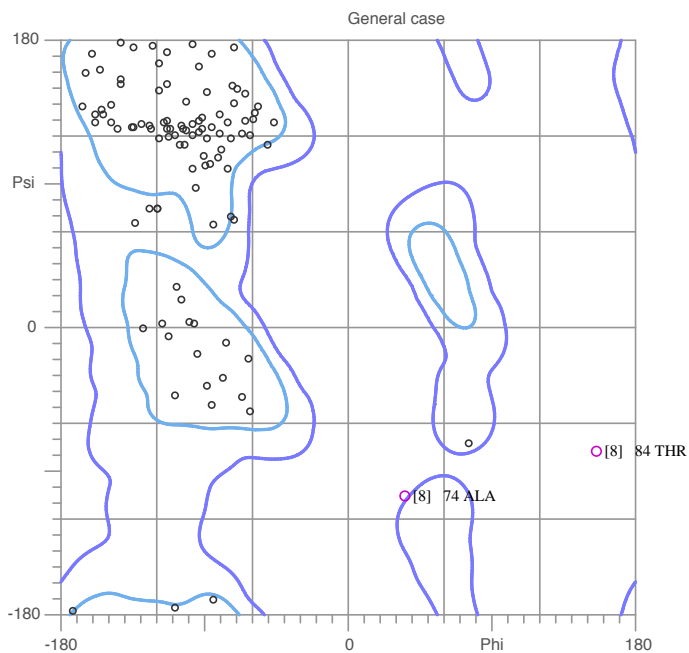
There were 2 outliers (phi, psi):

[7] 13 GLY (-145.0, 75.0)

[7] 81 SER (63.7, 96.9)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 8



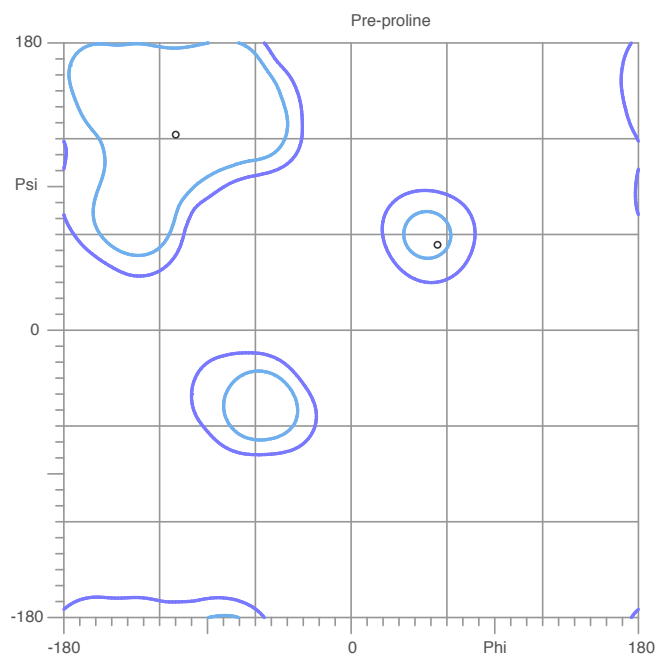
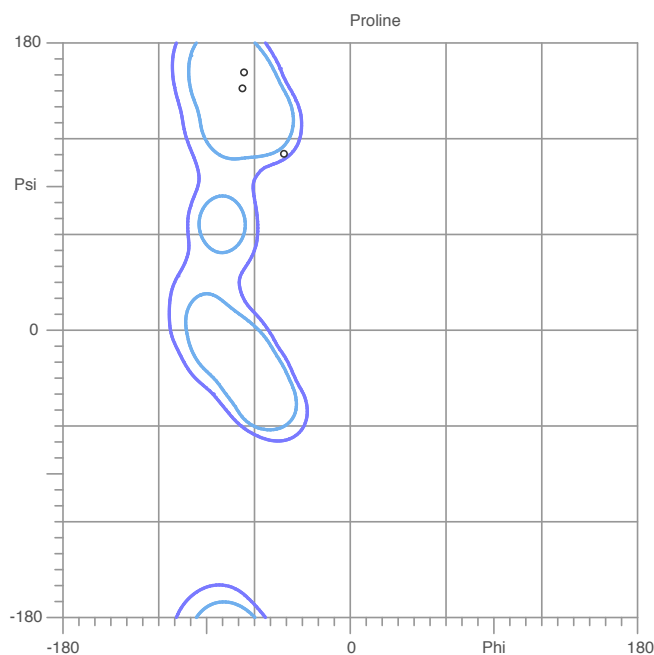
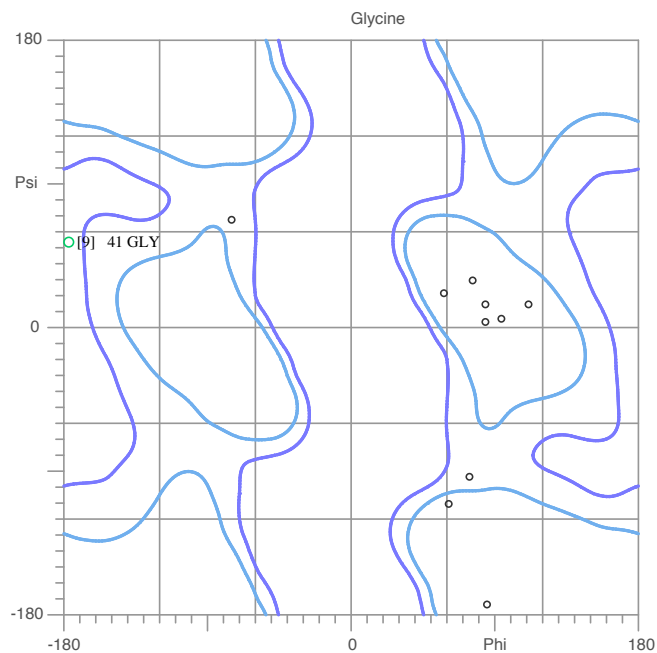
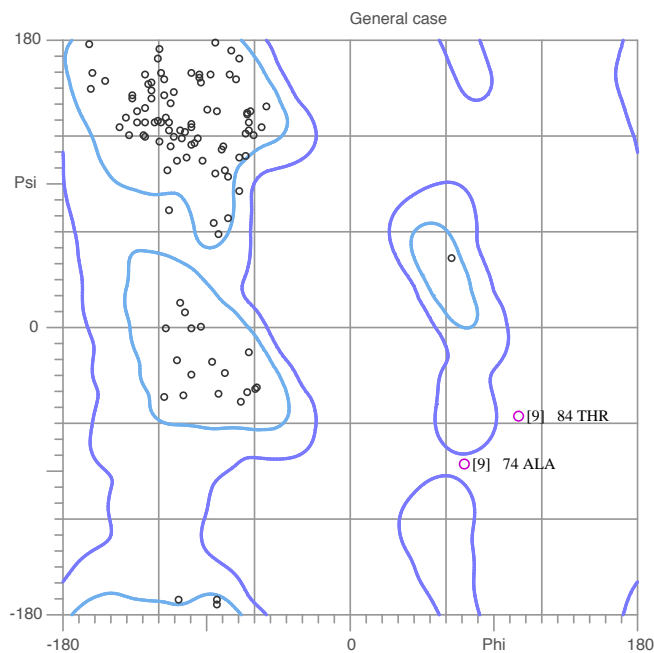
86.7% (104/120) of all residues were in favored (98%) regions.
95.8% (115/120) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):

[8] 74 ALA (35.0, -105.3)
[8] 81 SER (64.2, 90.5)
[8] 83 PRO (-0.1, 98.6)
[8] 84 THR (155.1, -77.2)
[8] 95 GLY (-145.0, 85.0)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 9



92.5% (111/120) of all residues were in favored (98%) regions.
97.5% (117/120) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

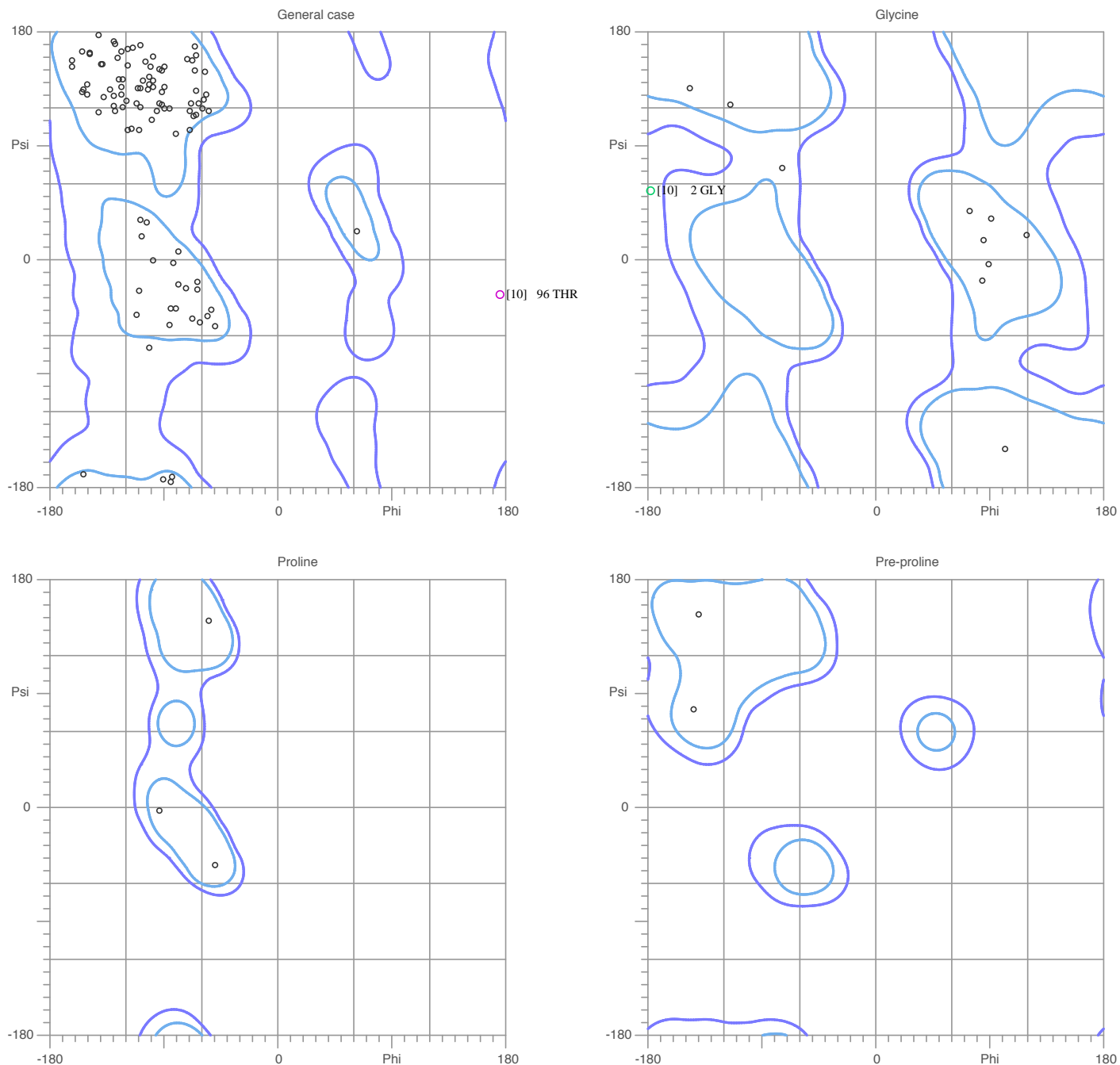
[9] 41 GLY (-177.6, 55.0)

[9] 74 ALA (71.0, -85.1)

[9] 84 THR (105.6, -55.3)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 10

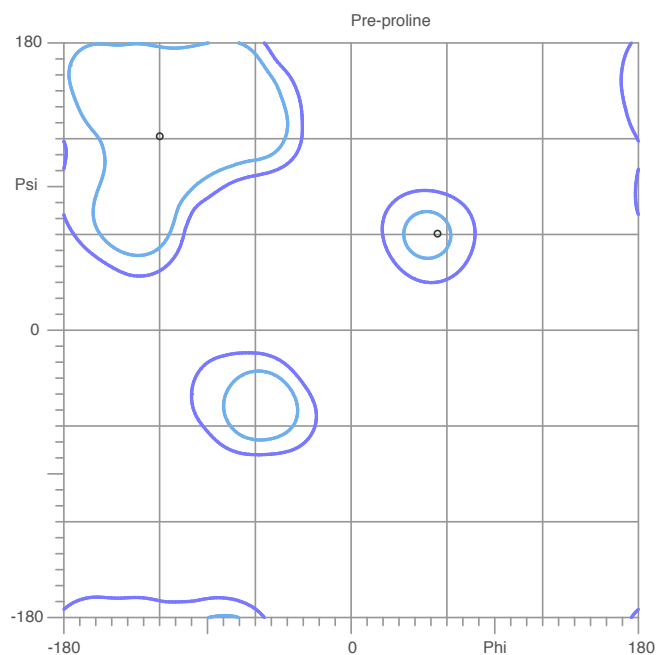
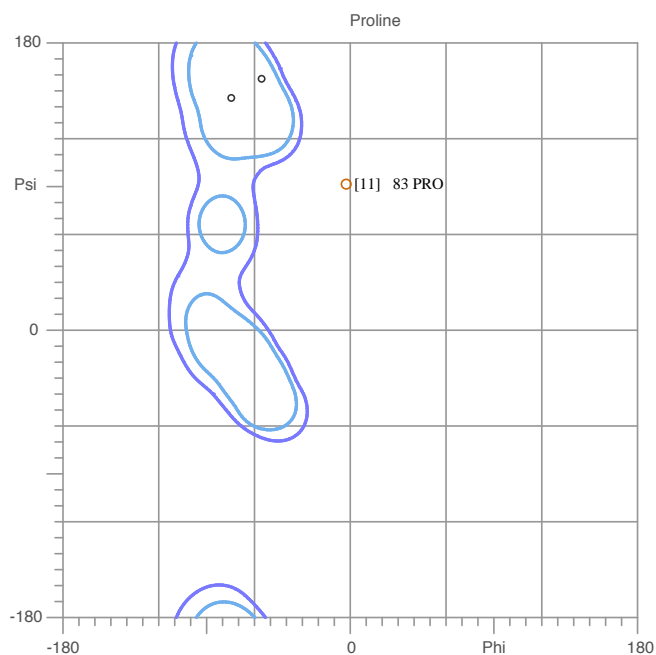
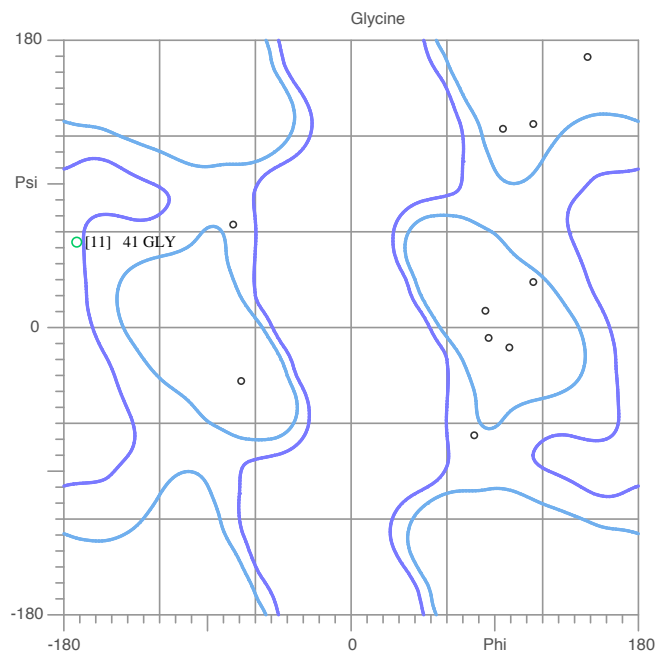
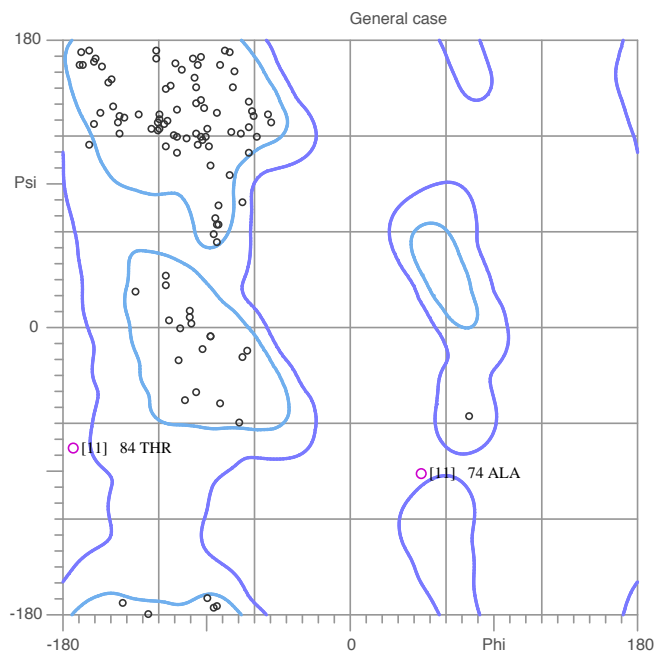


96.7% (116/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[10] 2 GLY (-178.8, 55.0)
[10] 96 THR (175.7, -27.7)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 11



92.5% (111/120) of all residues were in favored (98%) regions.
96.7% (116/120) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

[11] 41 GLY (-172.2, 55.0)

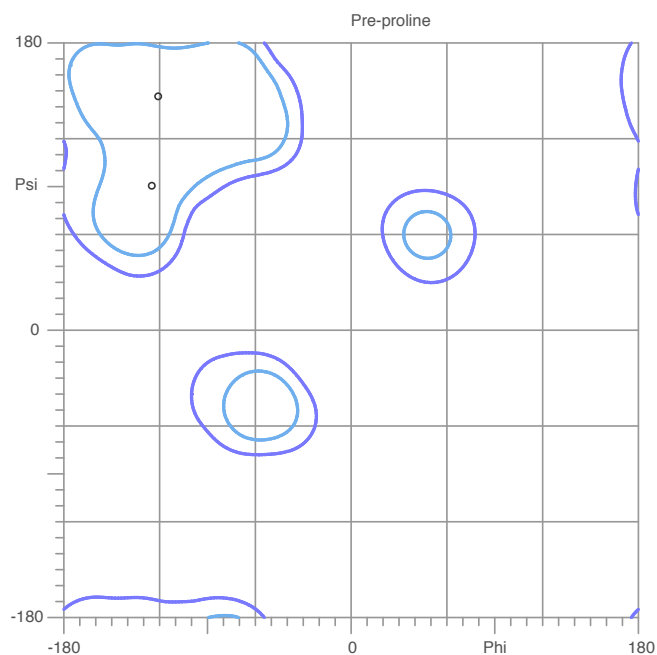
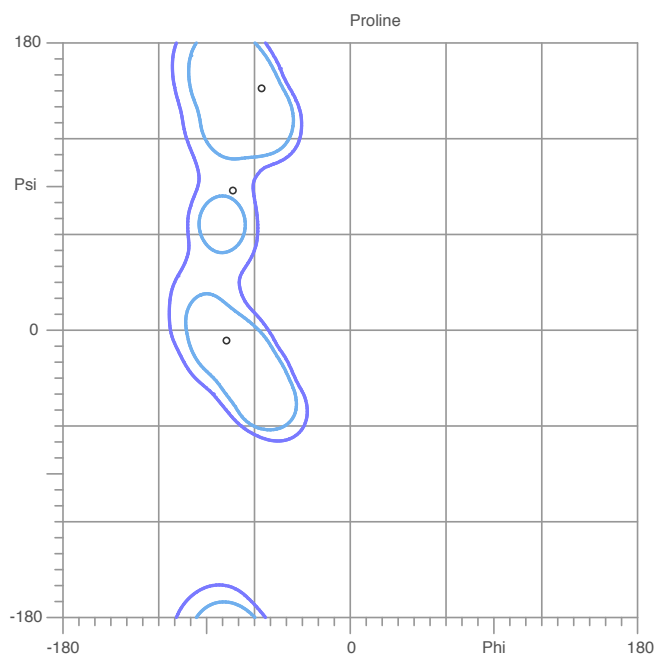
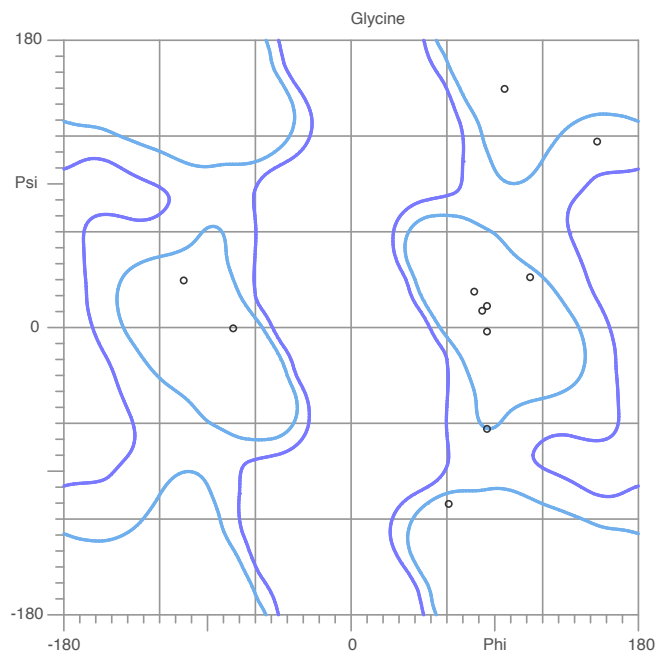
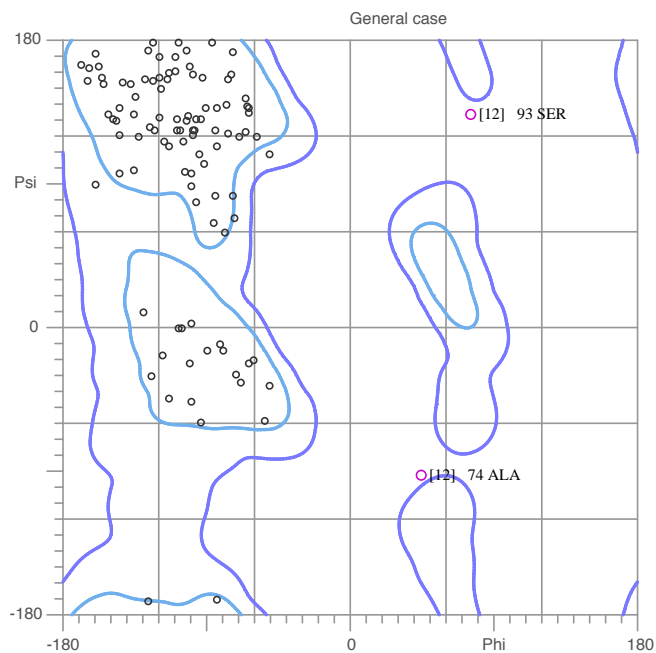
[11] 74 ALA (44.5, -91.3)

[11] 83 PRO (-3.7, 92.7)

[11] 84 THR (-174.9, -75.0)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 12



94.2% (113/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

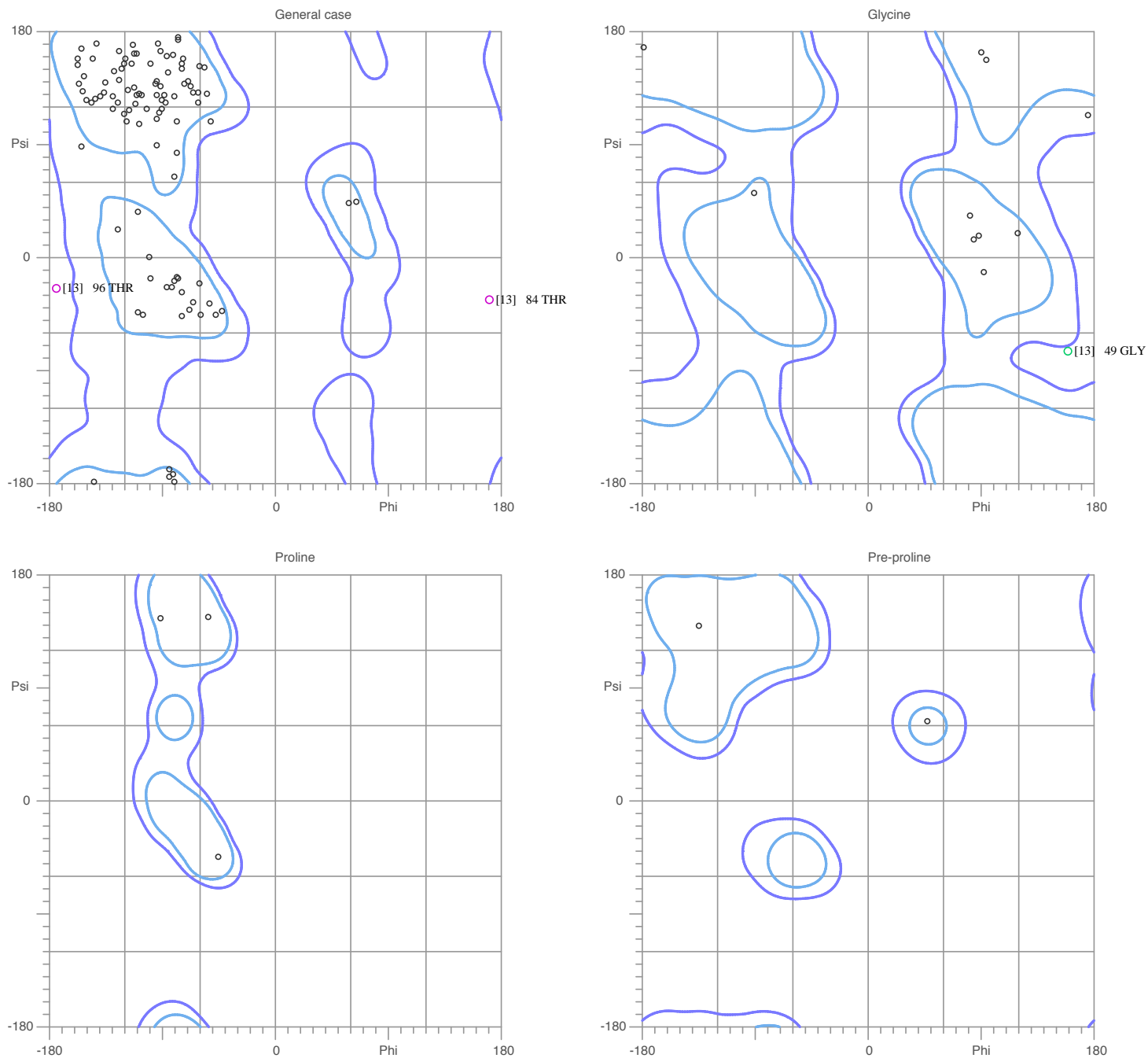
There were 2 outliers (phi, psi):

[12] 74 ALA (44.9, -93.0)

[12] 93 SER (75.0, 134.5)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 13



95.0% (114/120) of all residues were in favored (98%) regions.
97.5% (117/120) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

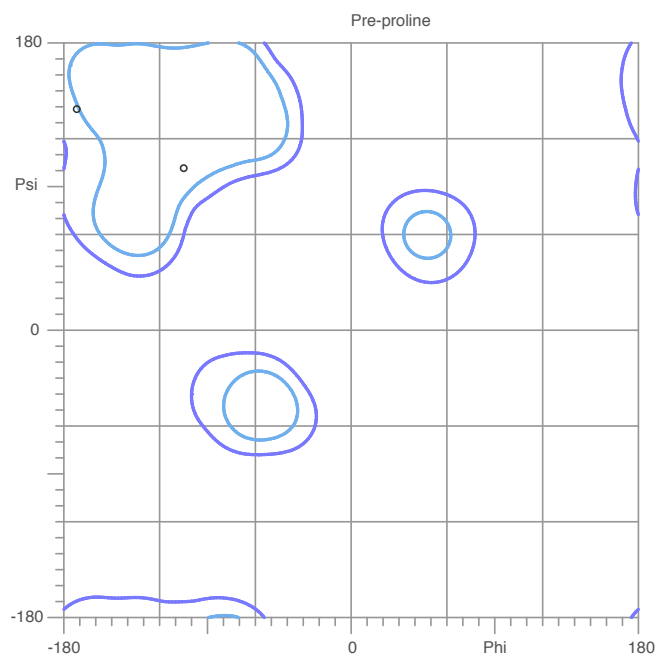
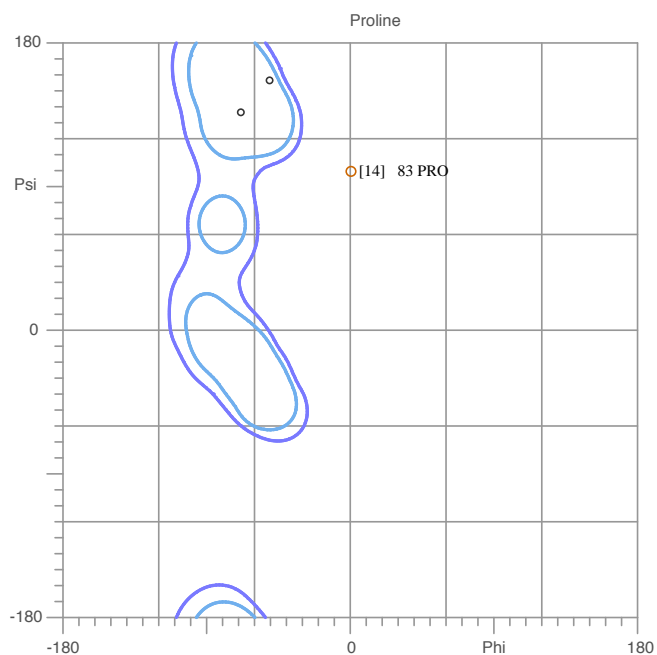
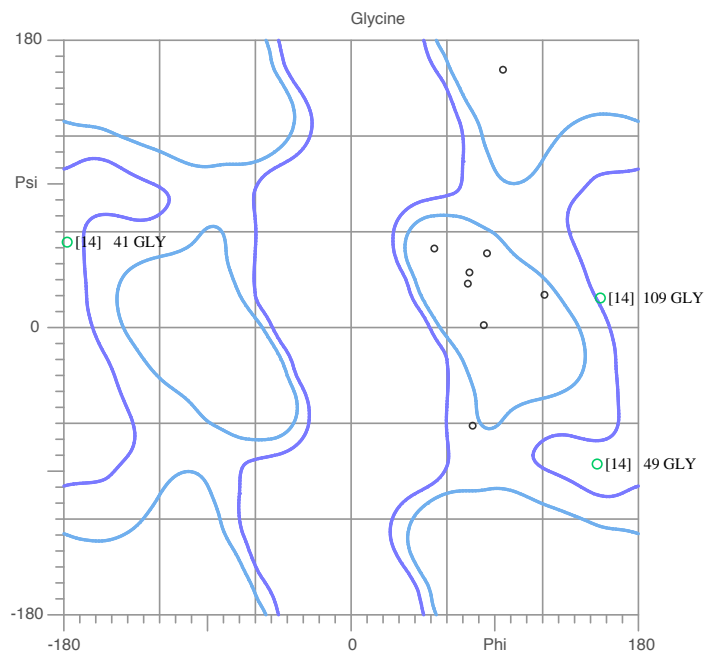
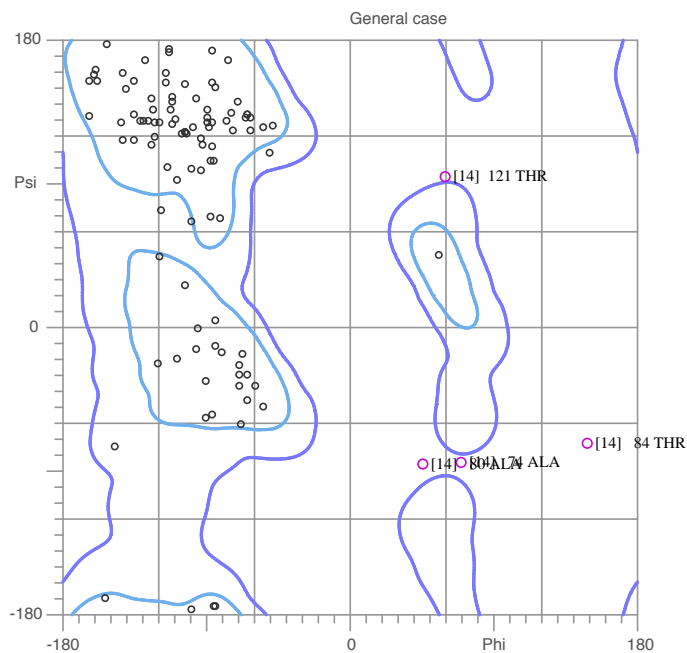
[13] 49 GLY (159.9, -75.0)

[13] 84 THR (170.9, -33.4)

[13] 96 THR (-175.1, -24.9)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 14



88.3% (106/120) of all residues were in favored (98%) regions.
93.3% (112/120) of all residues were in allowed (>99.8%) regions.

There were 8 outliers (phi, psi):

[14] 41 GLY (-178.6, 55.0)

[14] 49 GLY (154.6, -85.0)

[14] 74 ALA (69.2, -85.0)

[14] 80 ALA (45.1, -85.4)

[14] 83 PRO (-0.1, 100.0)

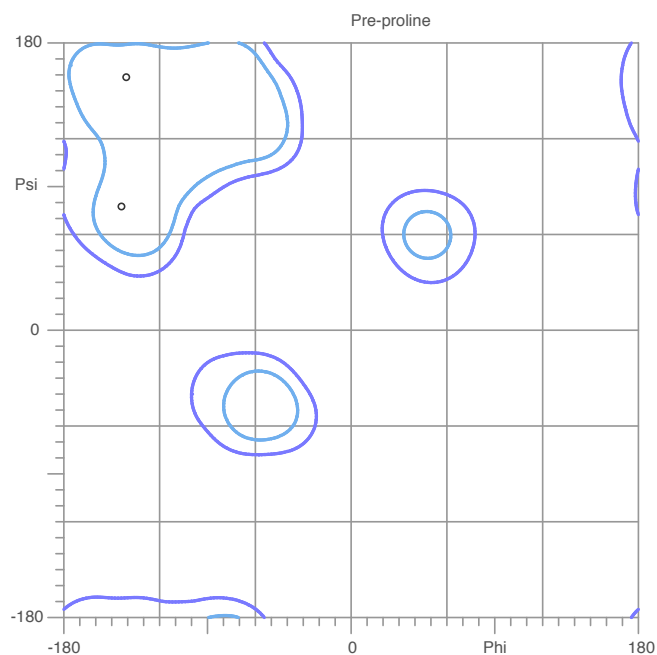
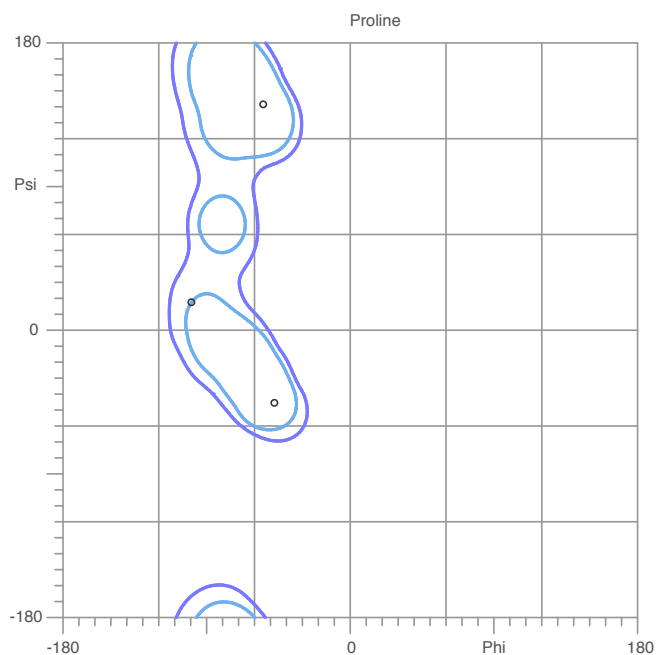
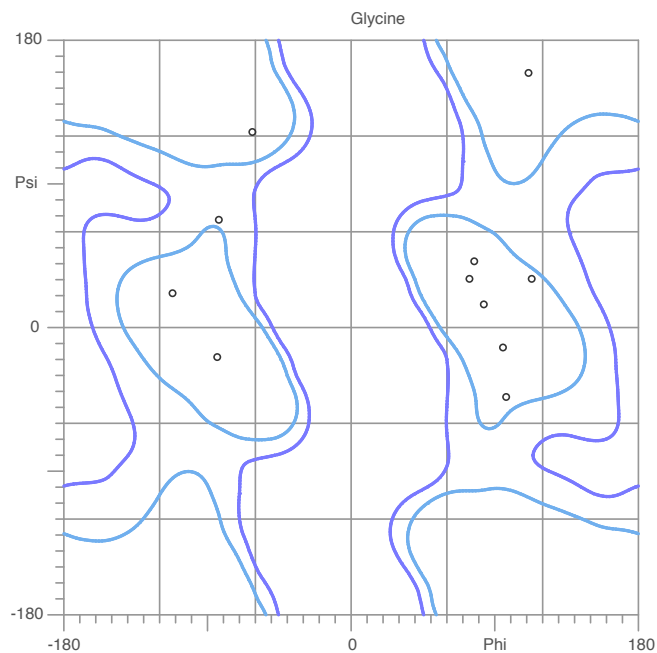
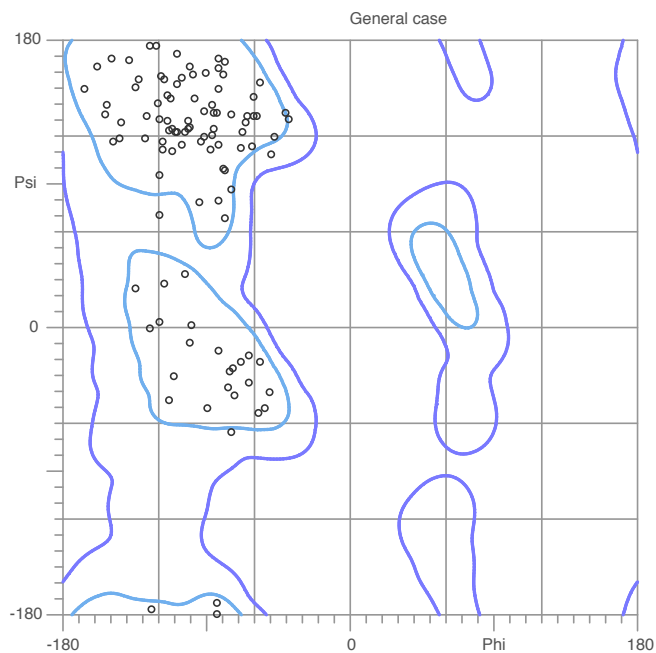
[14] 84 THR (148.9, -72.9)

[14] 109 GLY (156.8, 19.4)

[14] 121 THR (59.8, 95.0)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 15



95.0% (114/120) of all residues were in favored (98%) regions.
100.0% (120/120) of all residues were in allowed (>99.8%) regions.

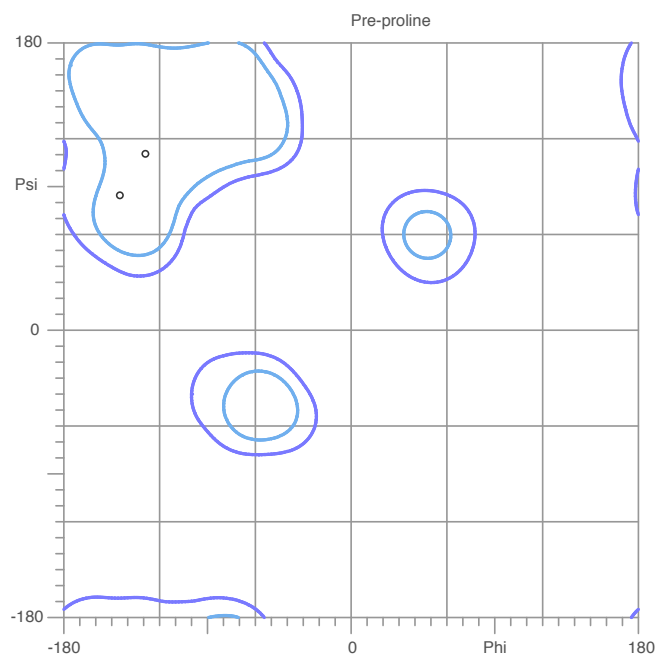
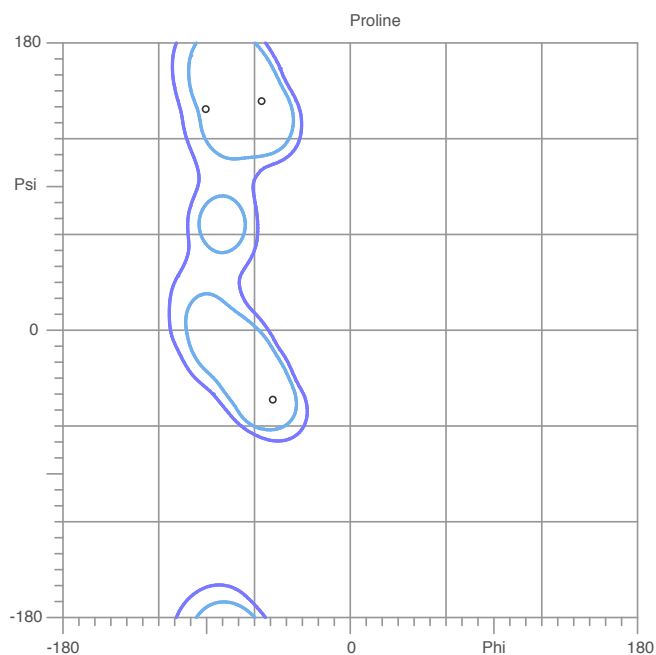
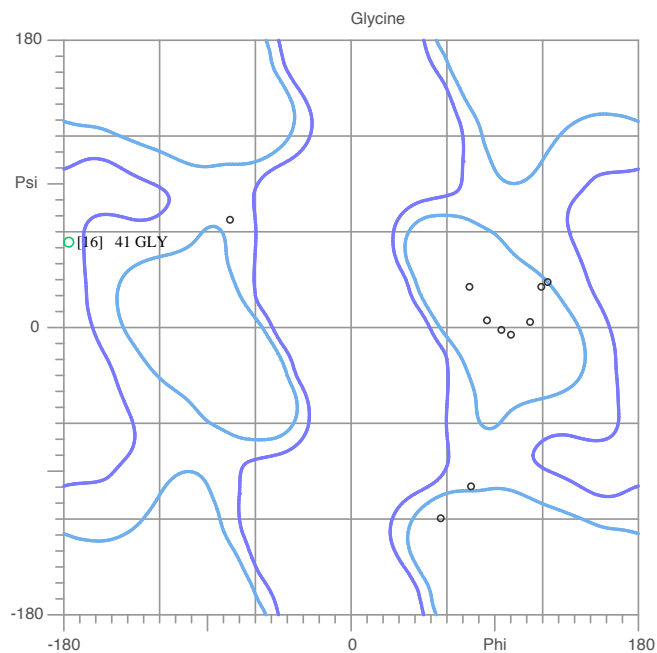
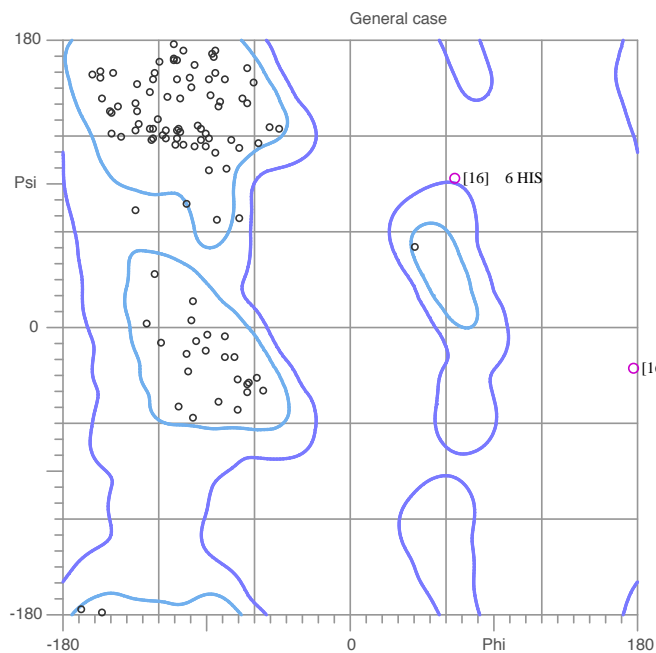
There were no outliers.

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MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 16



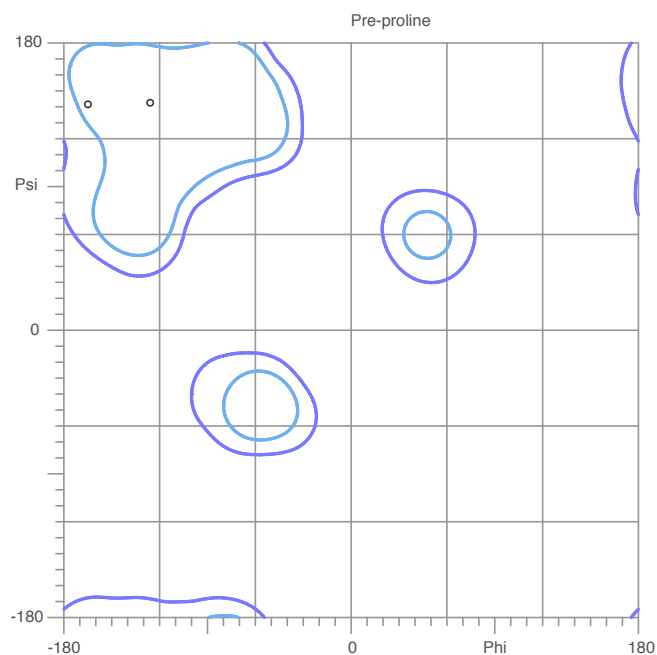
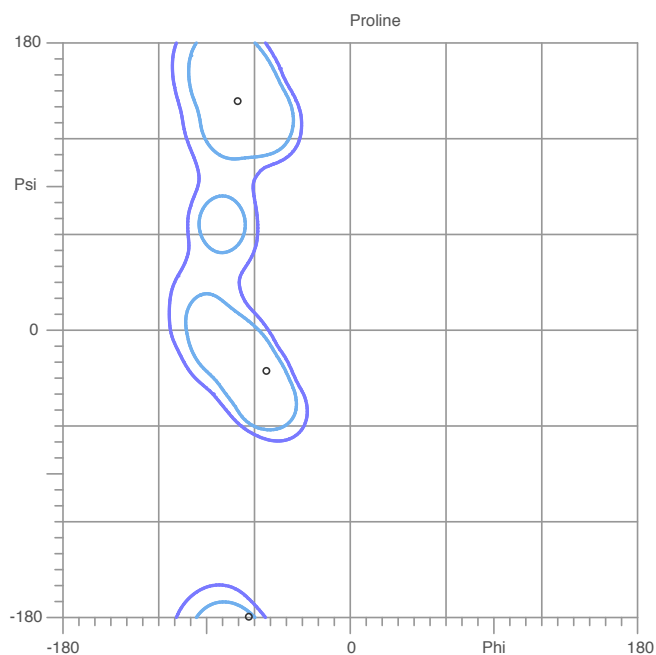
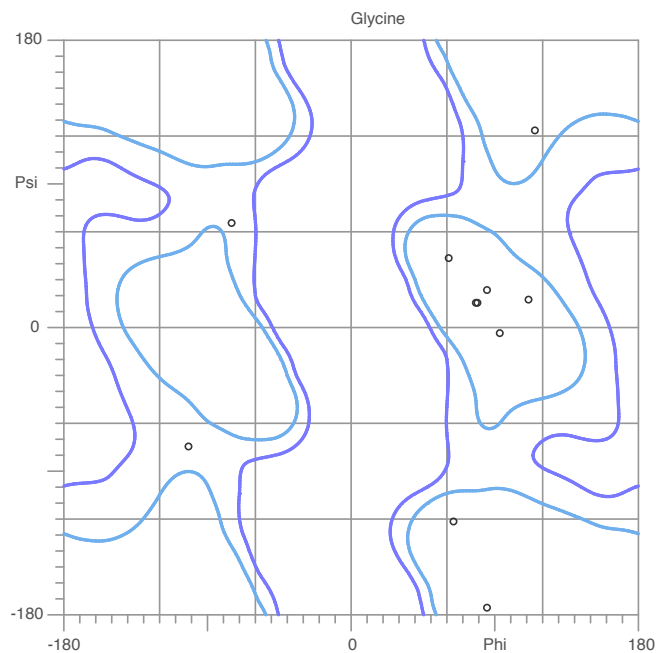
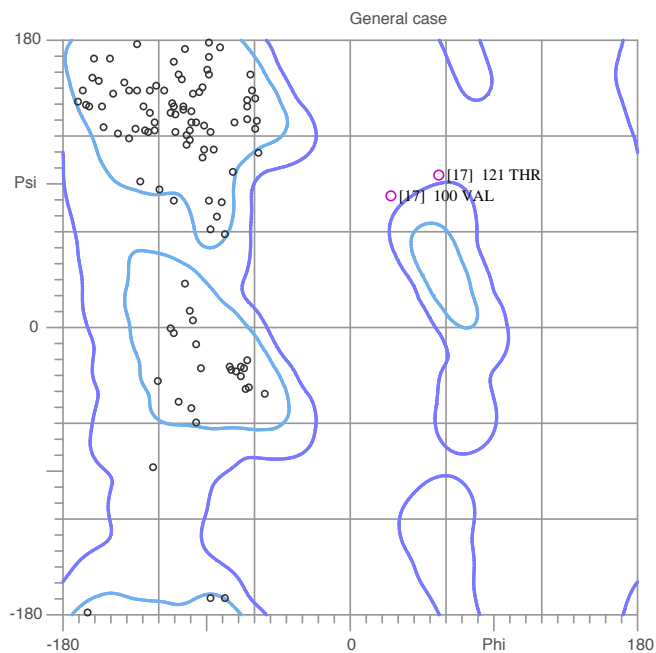
92.5% (111/120) of all residues were in favored (98%) regions.
97.5% (117/120) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [16] 6 HIS (65.1, 95.0)
- [16] 41 GLY (-177.5, 55.0)
- [16] 84 THR (177.6, -25.0)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 17



93.3% (112/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

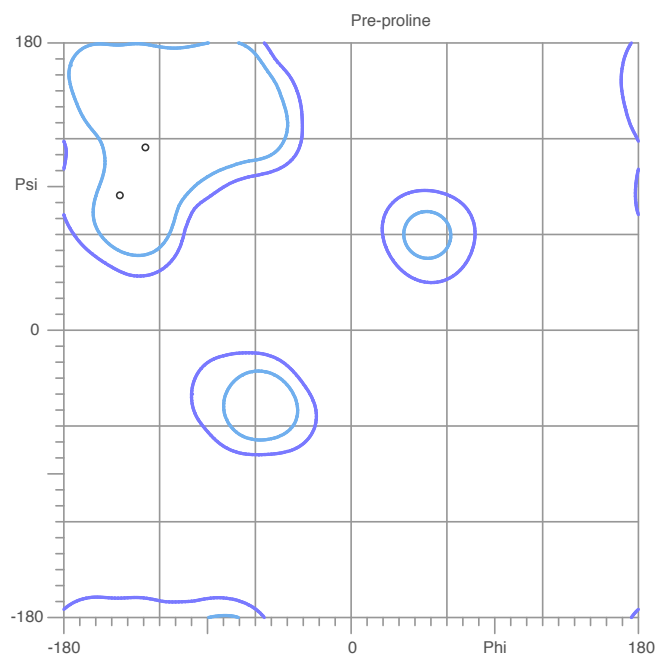
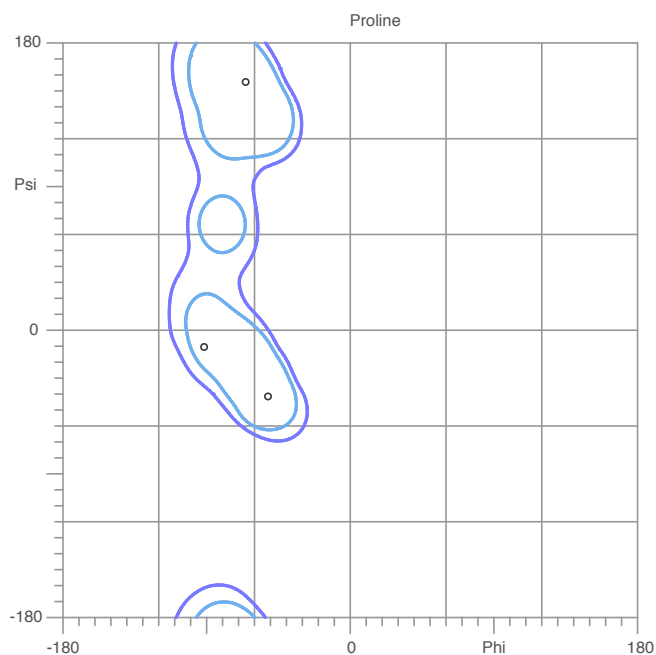
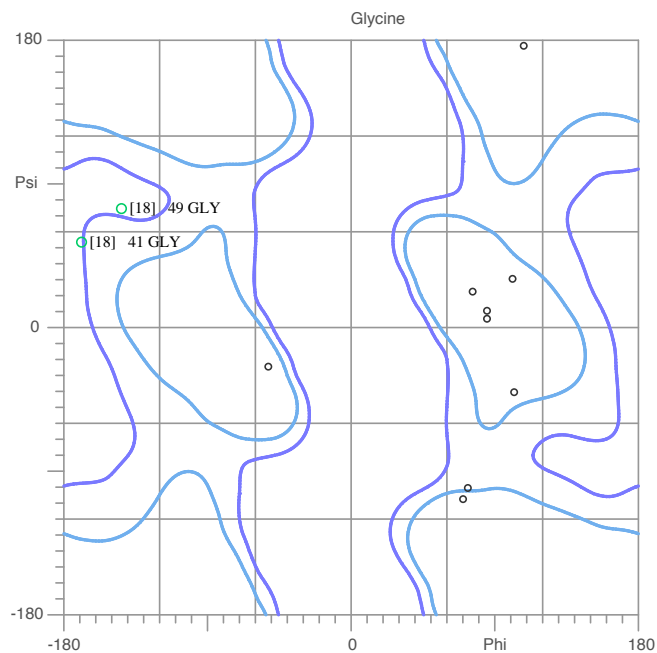
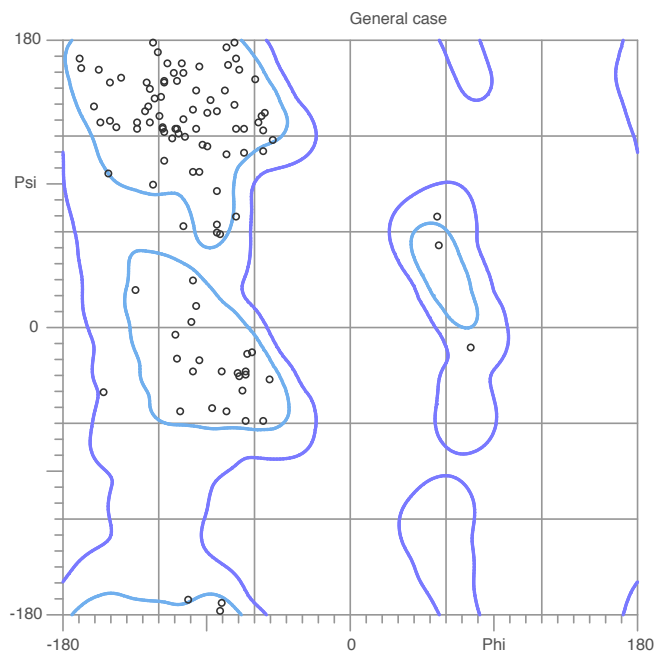
There were 2 outliers (phi, psi):

[17] 100 VAL (25.0, 83.8)

[17] 121 THR (55.4, 96.7)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 18

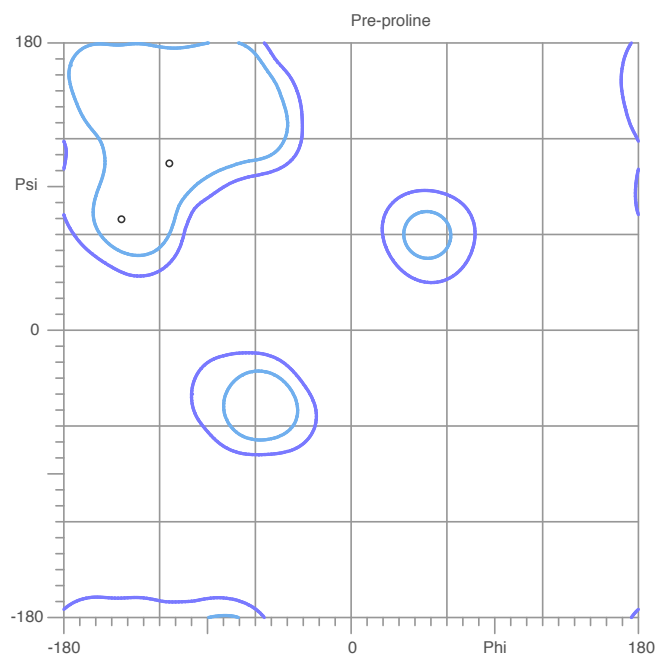
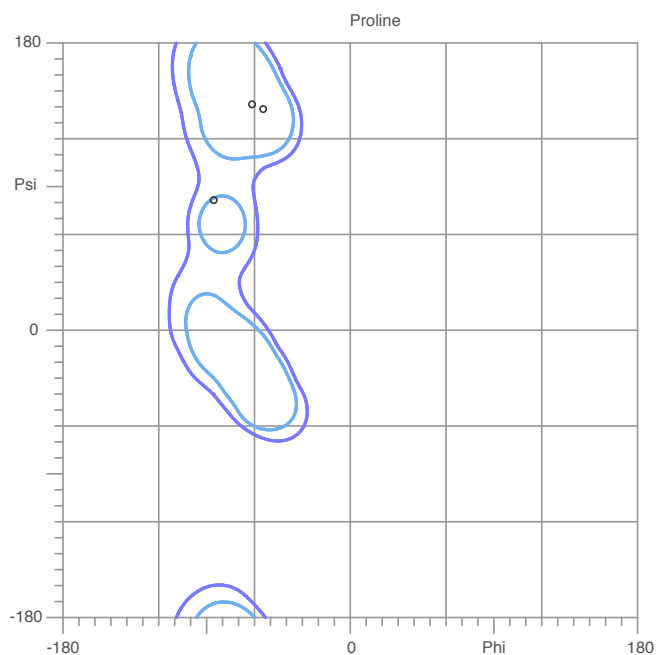
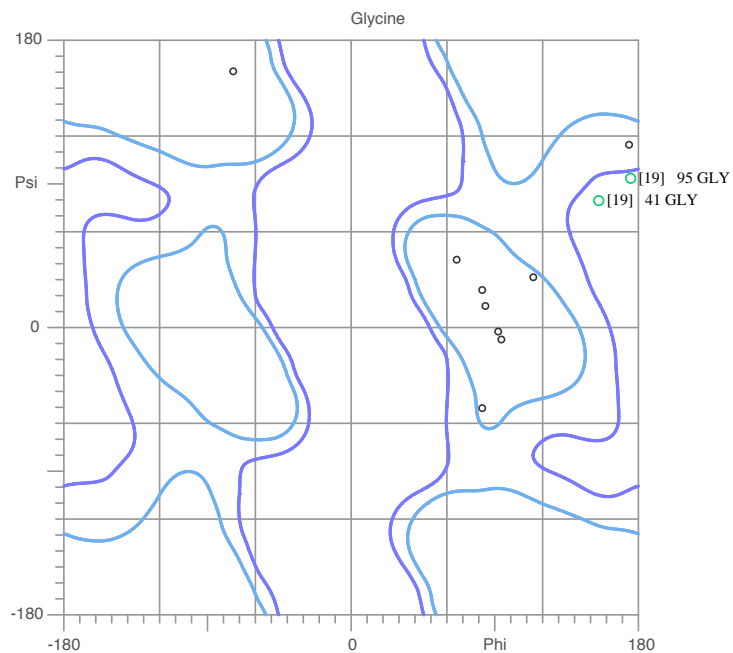
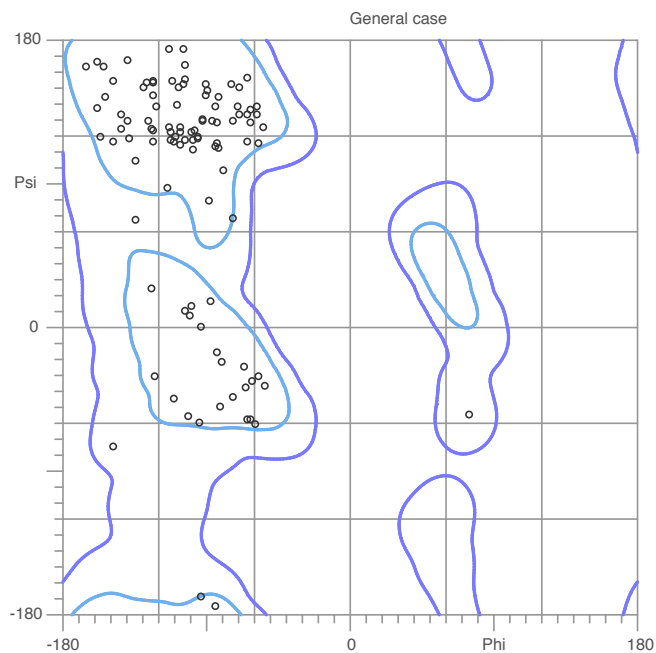


91.7% (110/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[18] 41 GLY (-169.0, 54.9)
[18] 49 GLY (-145.0, 75.9)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 19

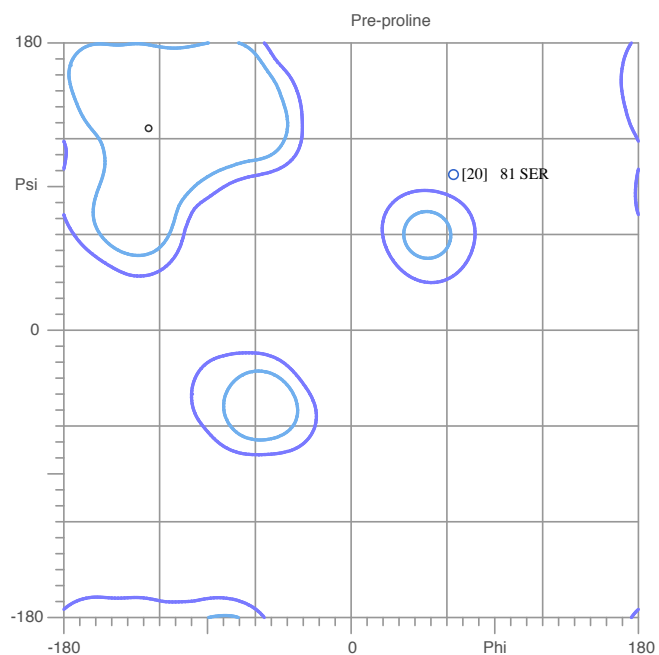
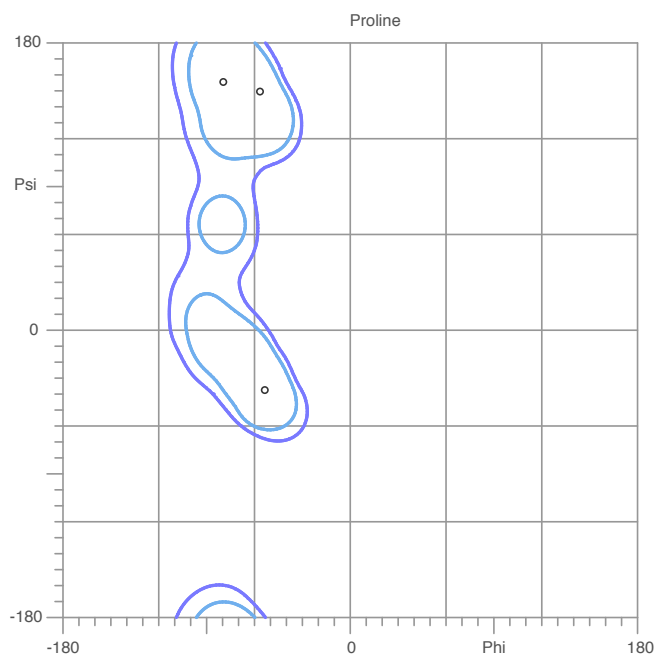
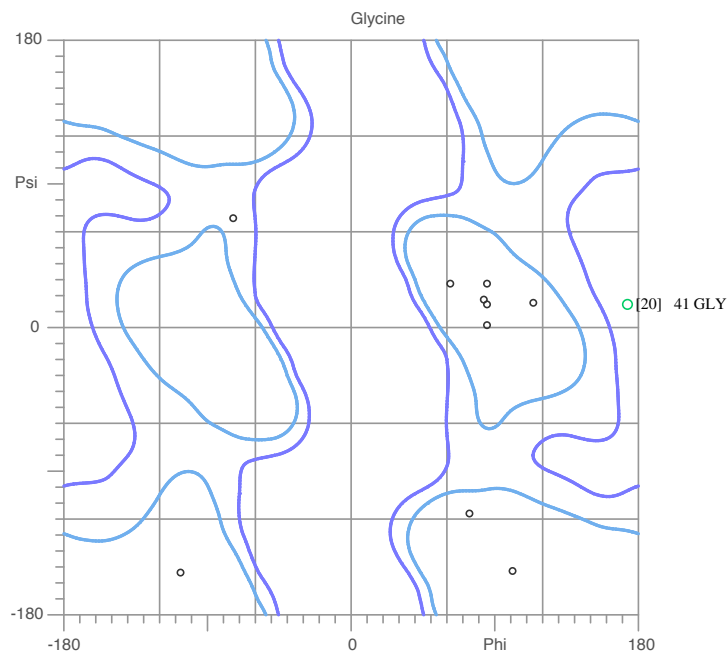
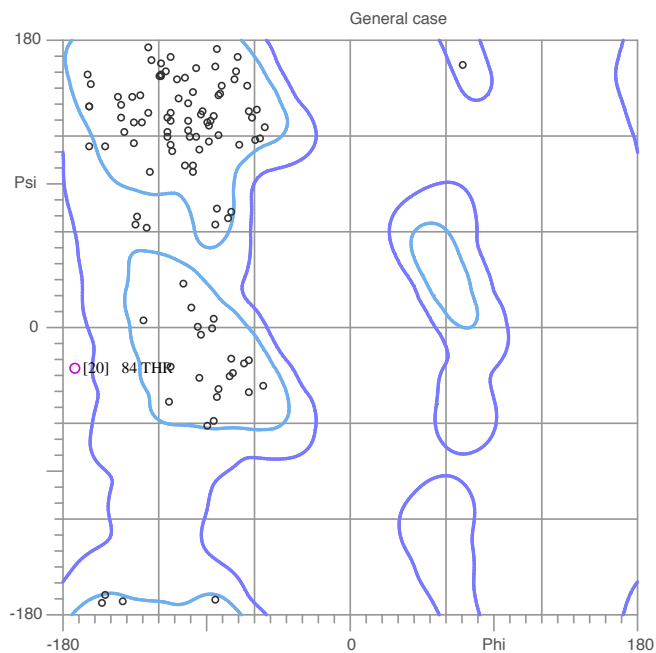


93.3% (112/120) of all residues were in favored (98%) regions.
98.3% (118/120) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[19] 41 GLY (155.1, 80.1)
[19] 95 GLY (175.0, 95.0)

MolProbity Ramachandran analysis

HR5546A_R3_em_bcr3.pdb, model 20



92.5% (111/120) of all residues were in favored (98%) regions.
97.5% (117/120) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

[20] 41 GLY (173.3, 15.1)

[20] 81 SER (64.2, 98.4)

[20] 84 THR (-173.5, -25.0)