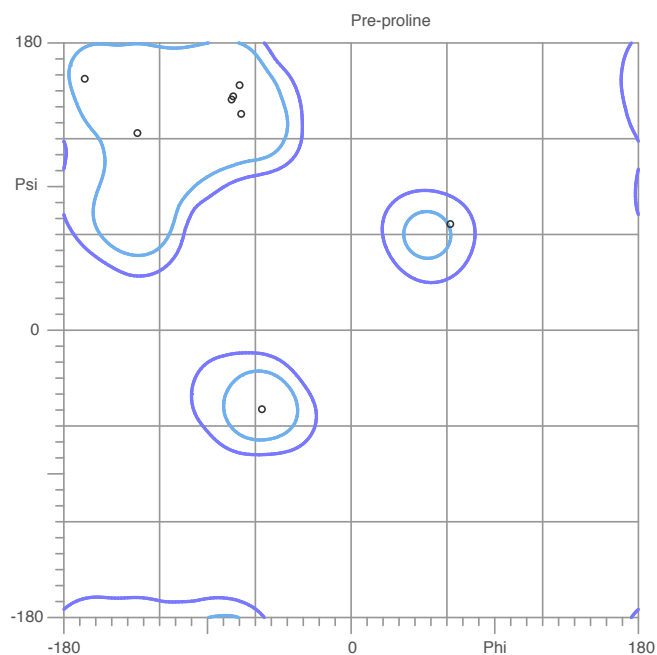
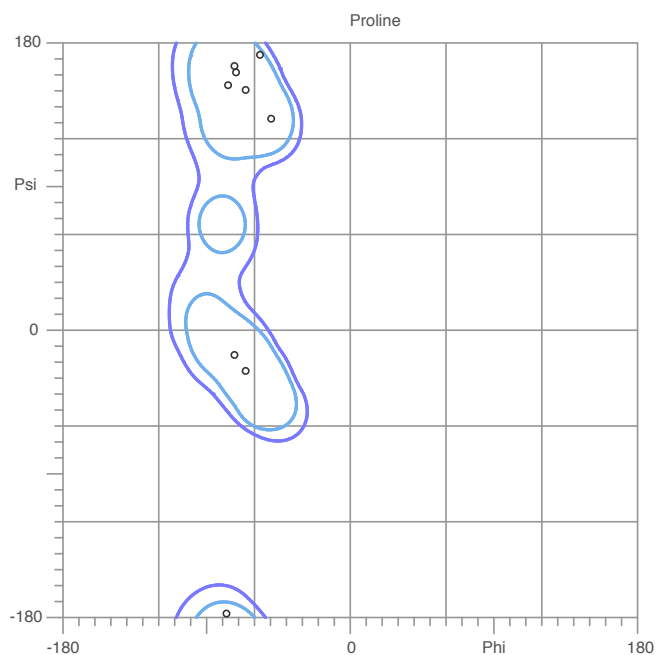
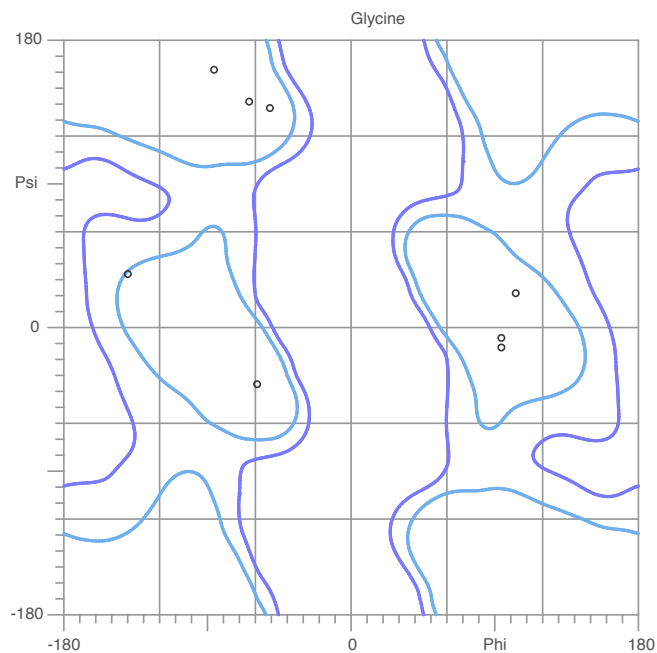
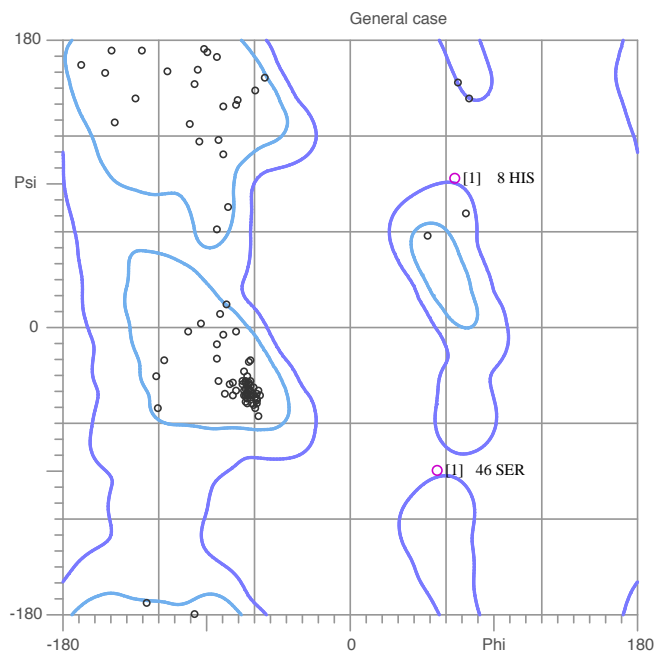




# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 1



93.3% (111/119) of all residues were in favored (98%) regions.  
98.3% (117/119) of all residues were in allowed (>99.8%) regions.

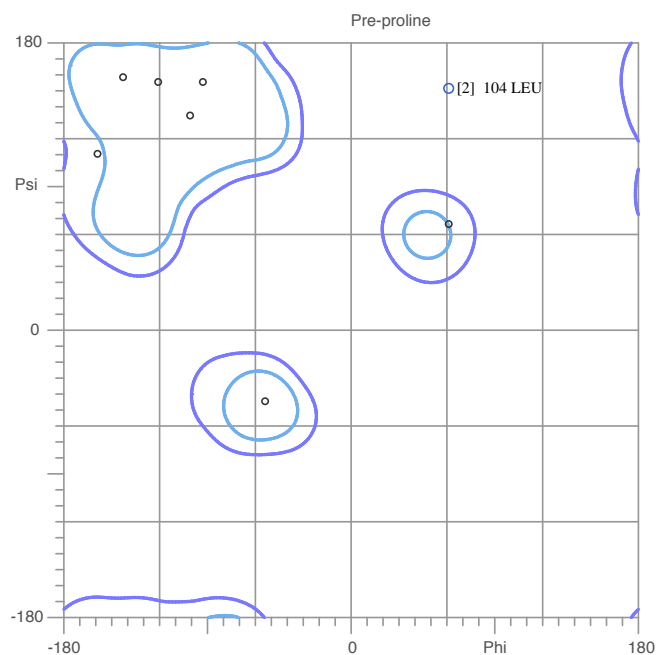
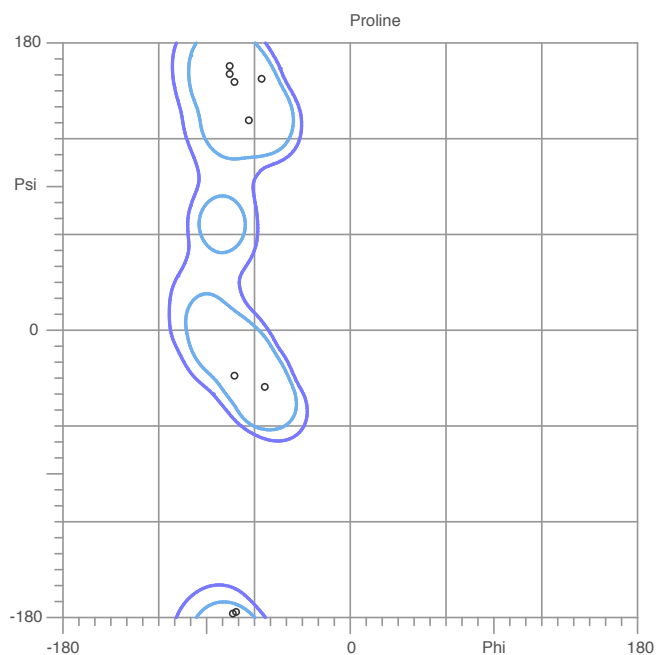
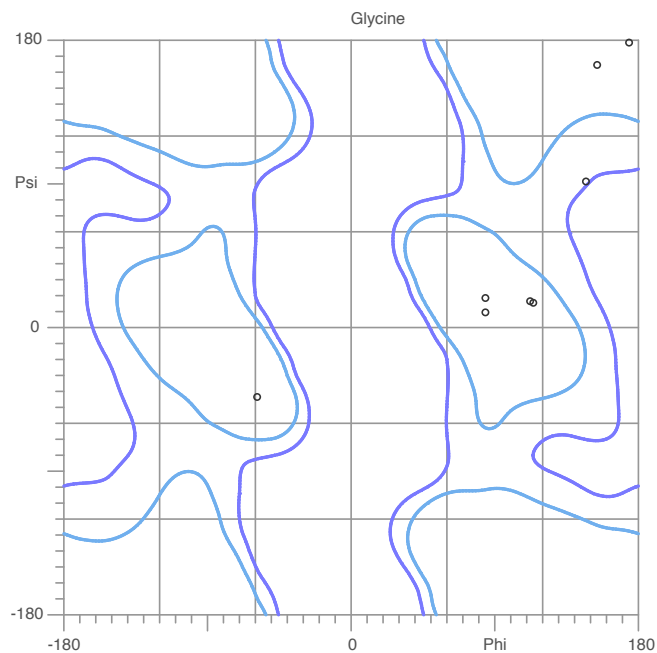
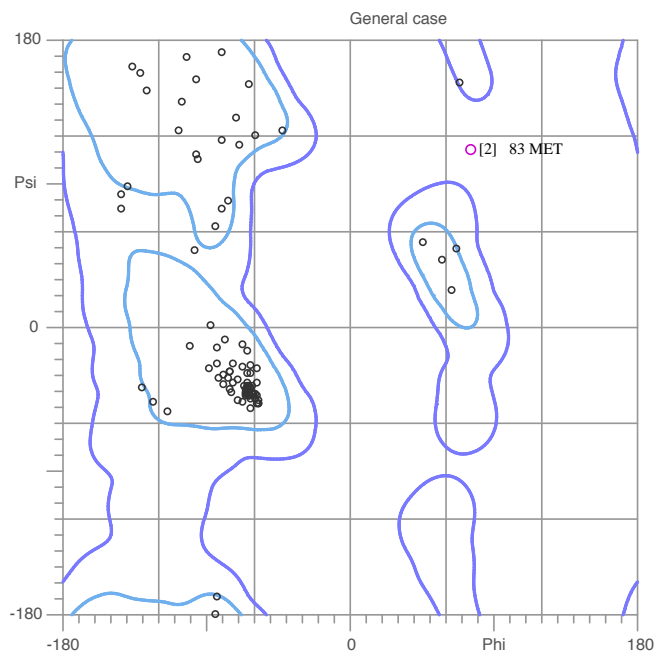
There were 2 outliers (phi, psi):

[1] 8 HIS (65.0, 95.0)

[1] 46 SER (54.9, -89.7)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 2

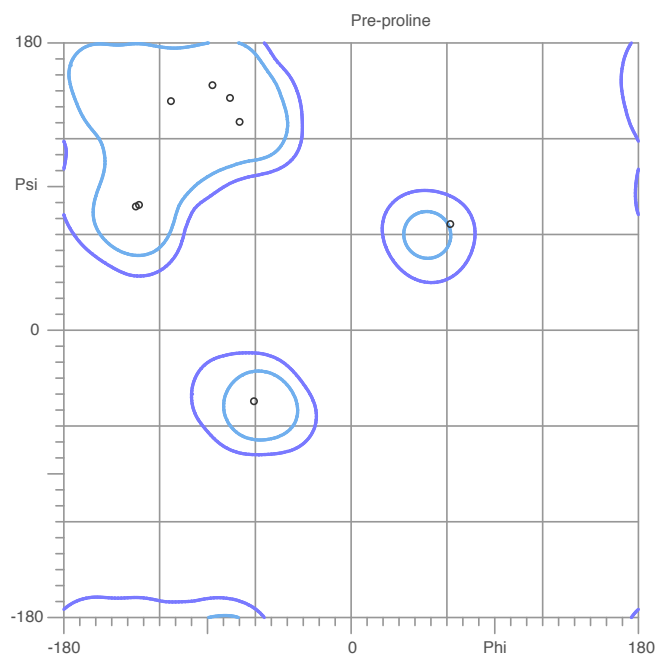
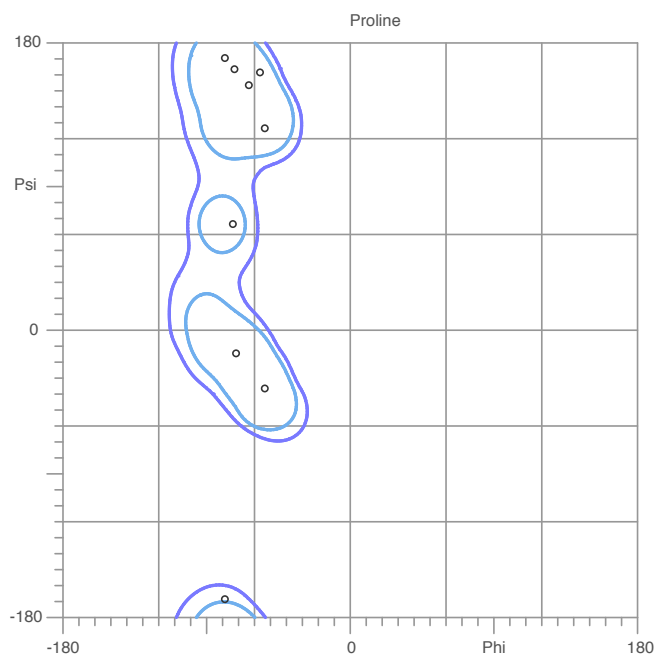
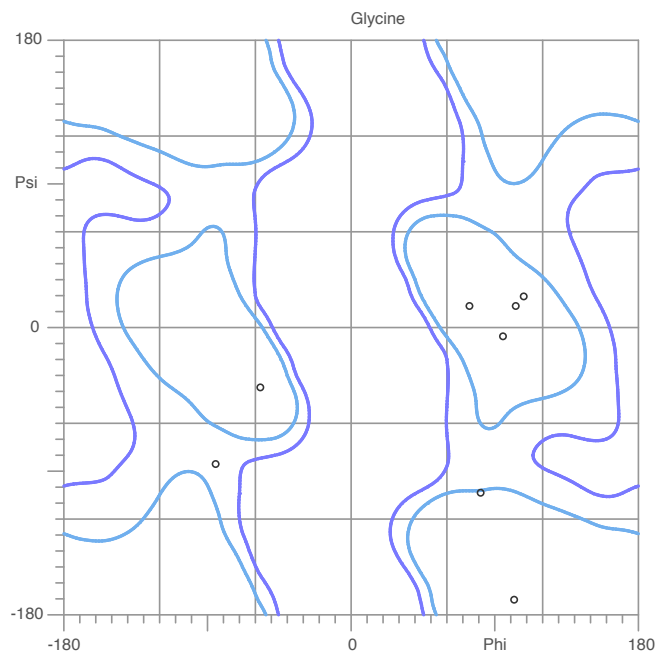
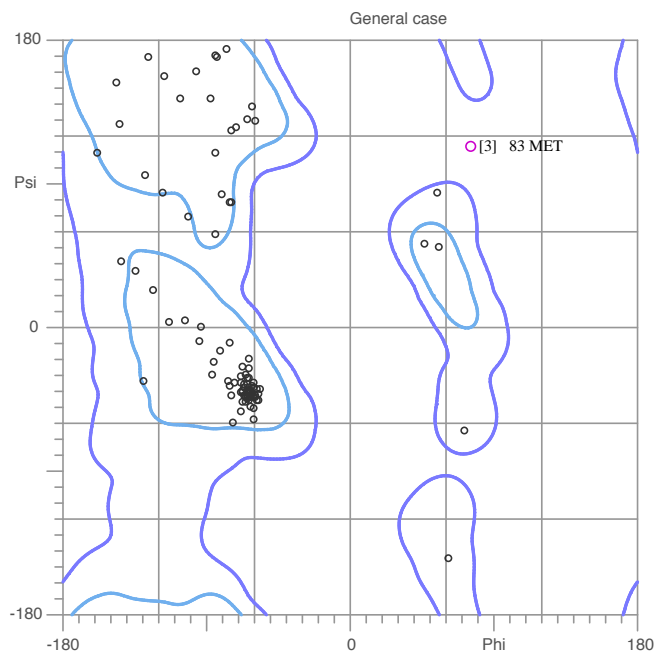


91.6% (109/119) of all residues were in favored (98%) regions.  
98.3% (117/119) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):  
[2] 83 MET (75.0, 112.3)  
[2] 104 LEU (62.0, 152.3)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 3



90.8% (108/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

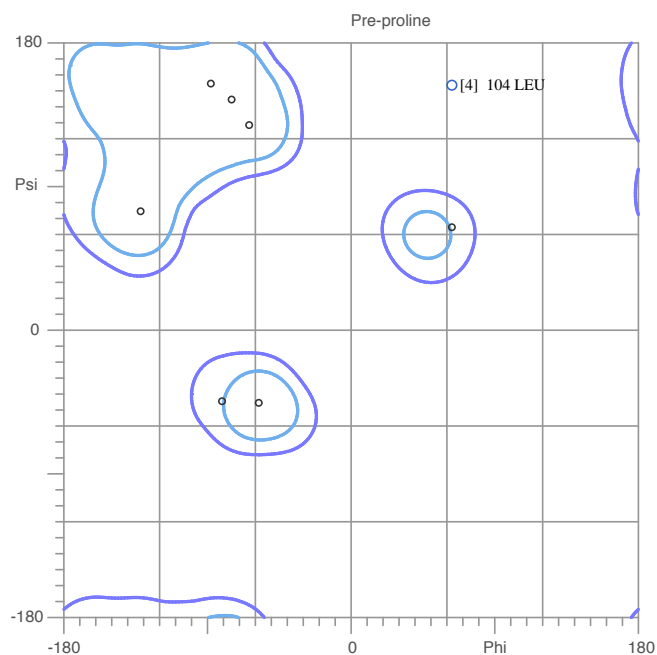
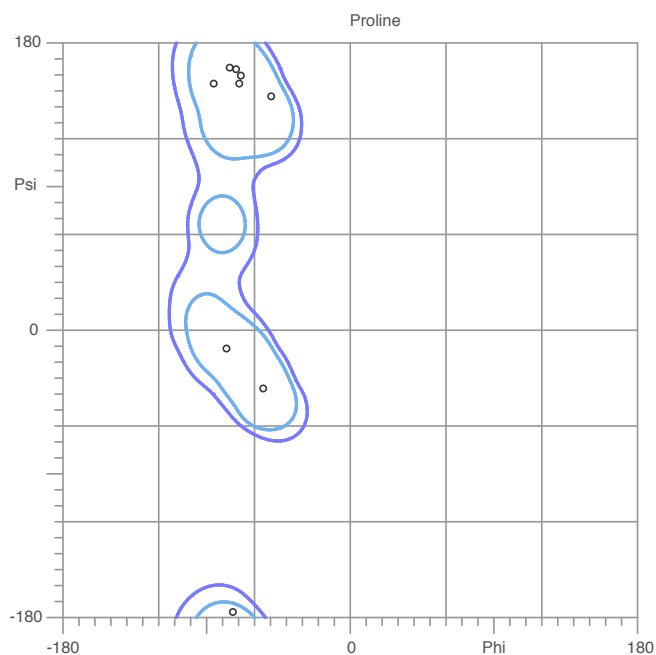
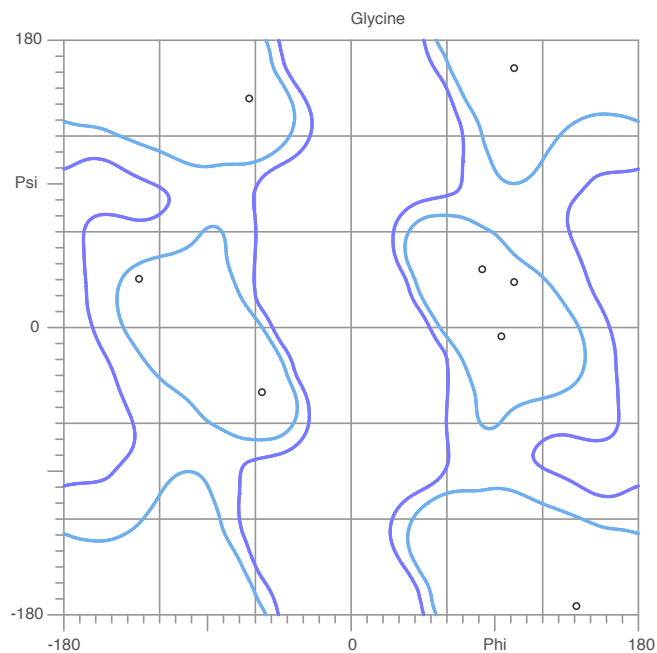
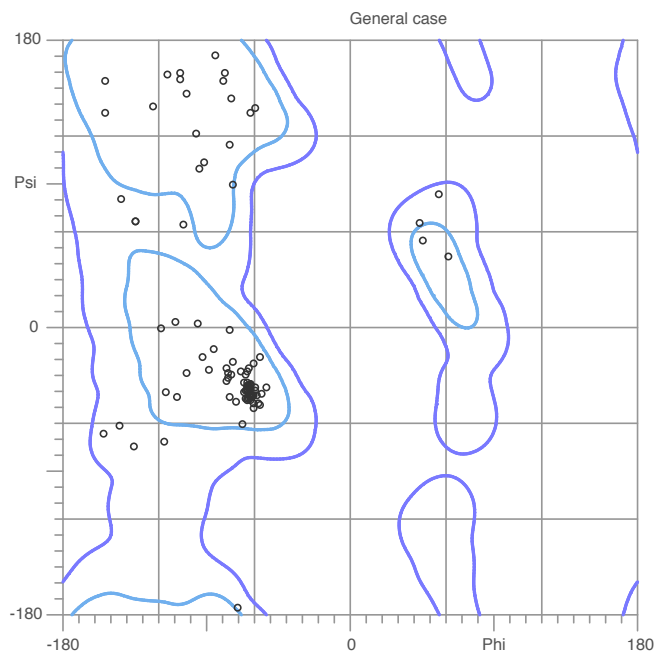
There were 1 outliers (phi, psi):  
[3] 83 MET (75.1, 115.0)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 4



88.2% (105/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

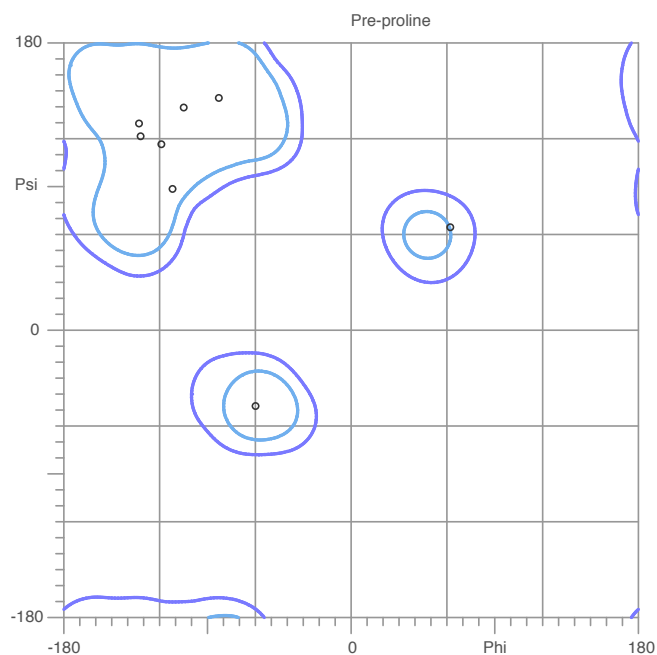
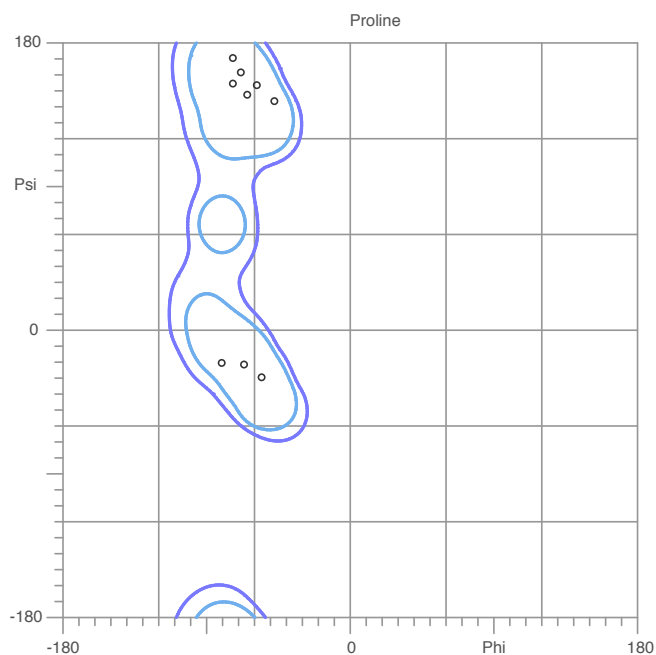
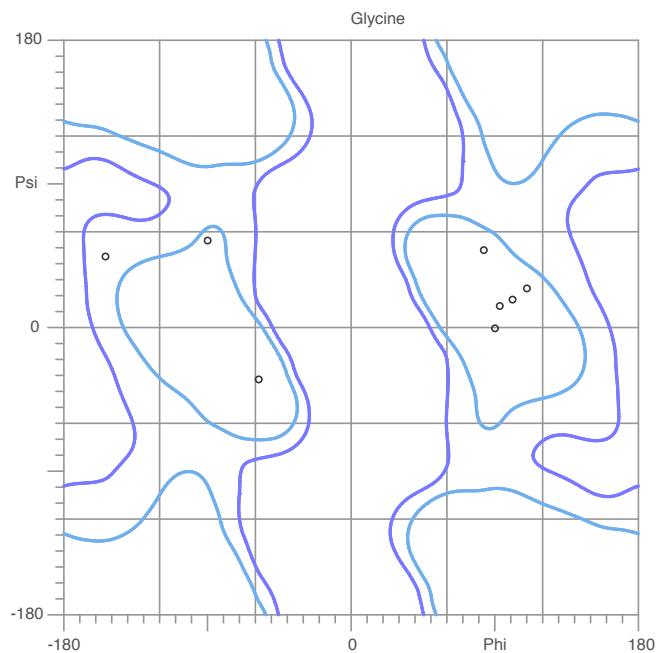
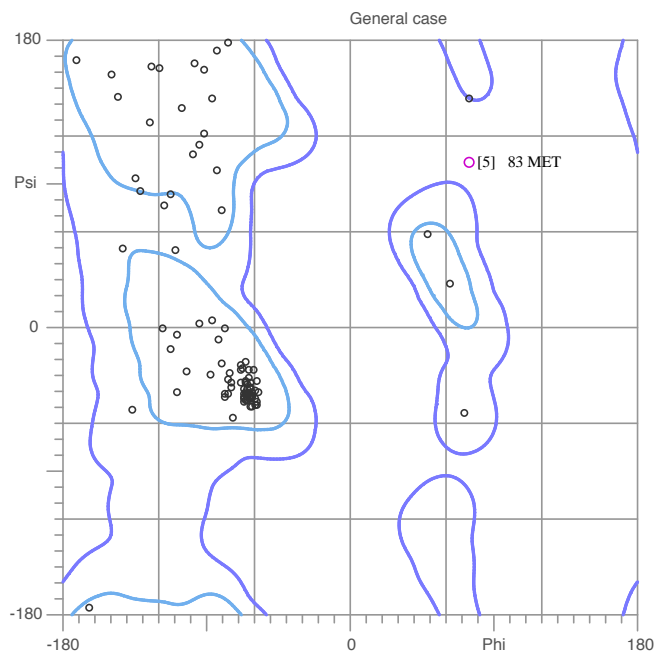
There were 1 outliers (phi, psi):  
[4] 104 LEU (63.3, 154.3)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 5



92.4% (110/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

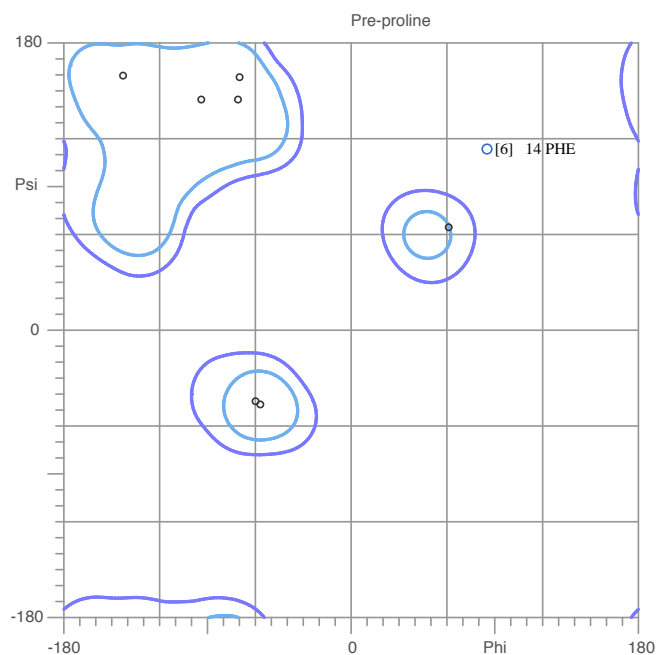
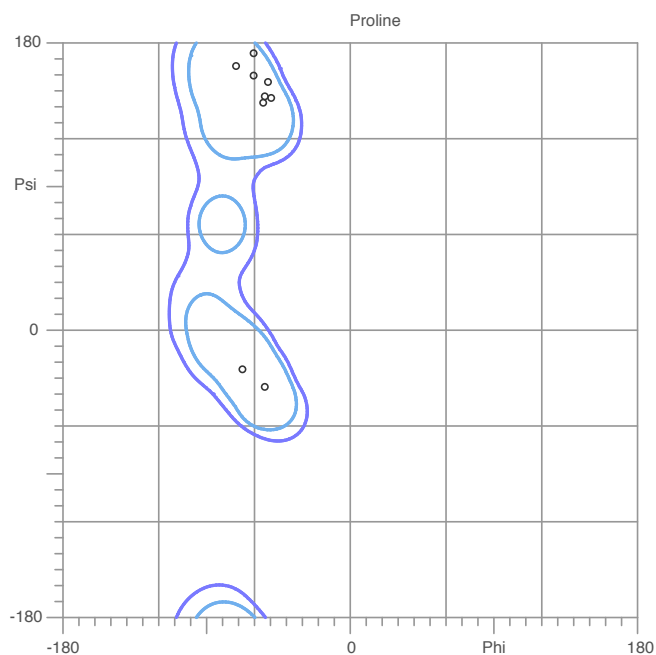
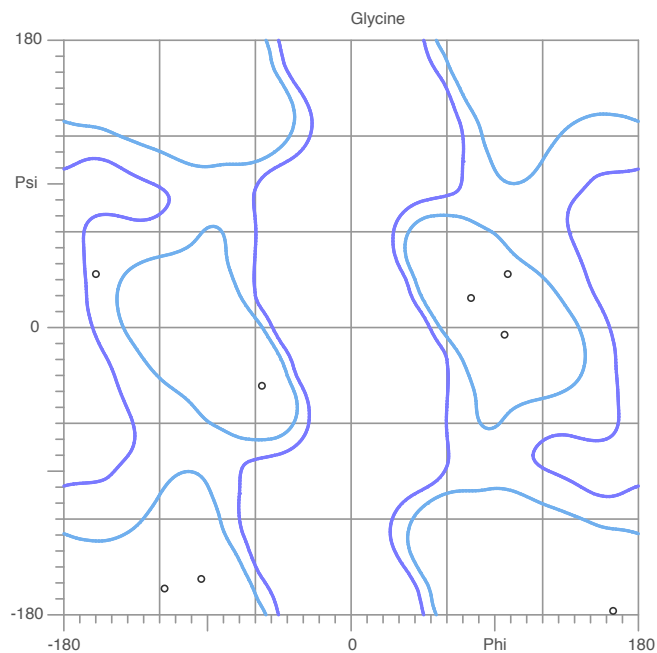
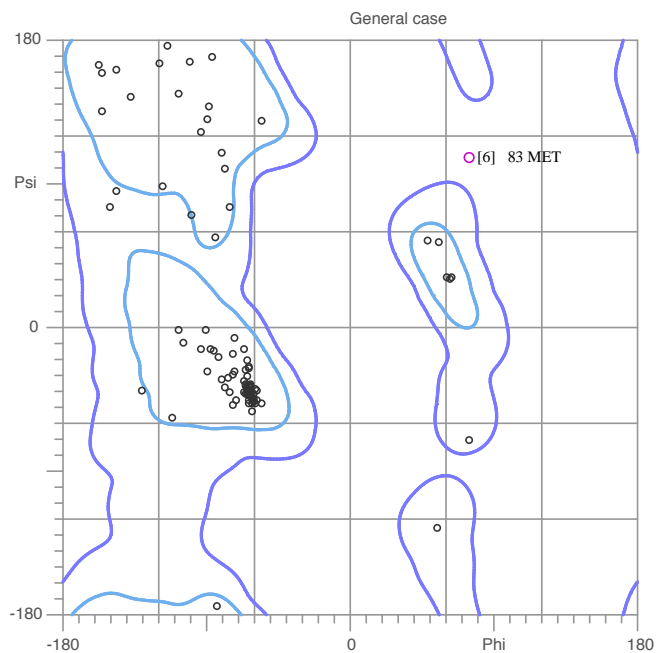
There were 1 outliers (phi, psi):  
[5] 83 MET (75.0, 104.9)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 6



92.4% (110/119) of all residues were in favored (98%) regions.  
98.3% (117/119) of all residues were in allowed (>99.8%) regions.

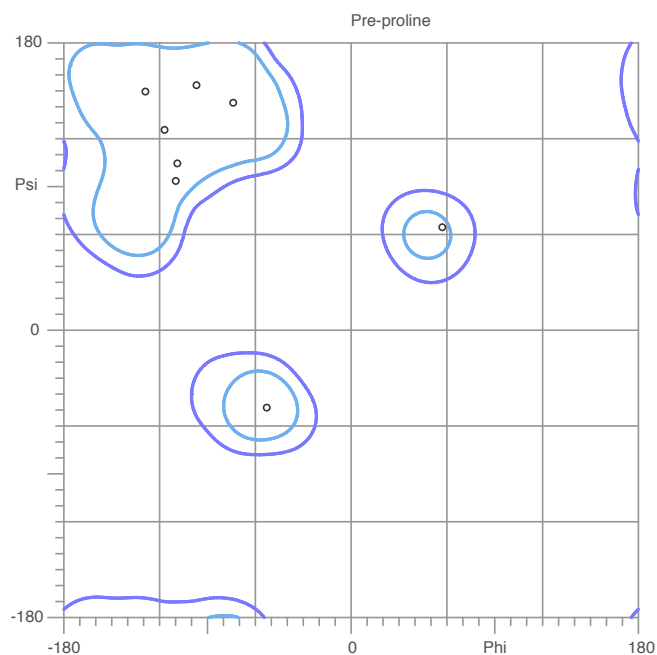
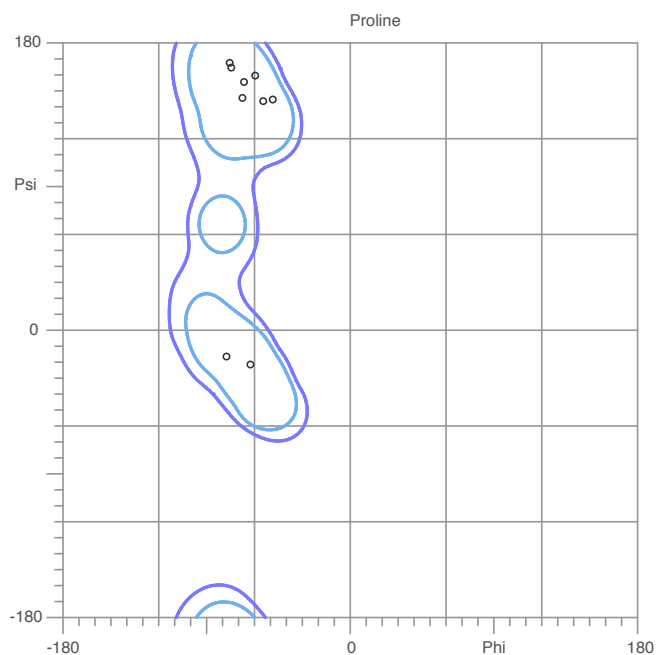
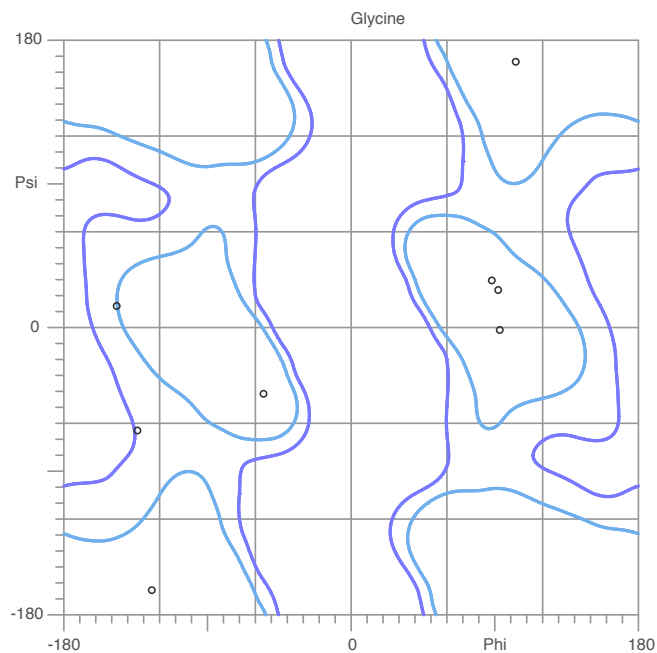
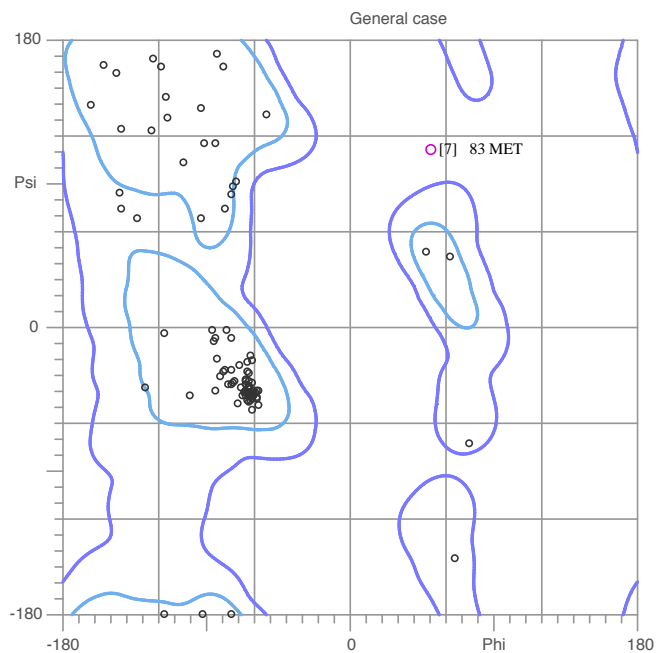
There were 2 outliers (phi, psi):

[6] 14 PHE (85.0, 115.0)

[6] 83 MET (74.9, 107.0)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 7



91.6% (109/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

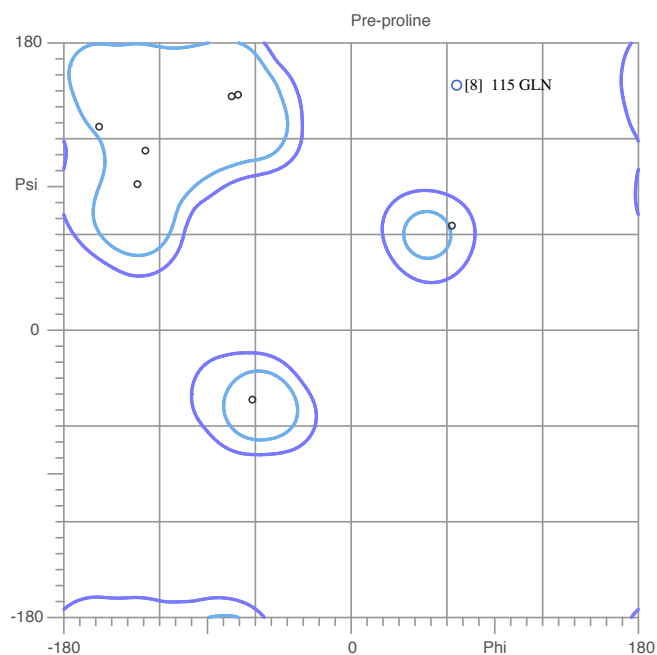
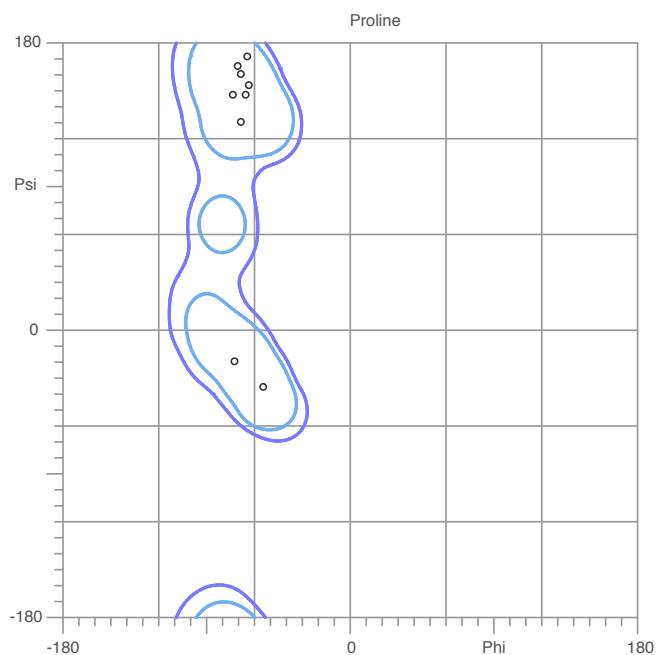
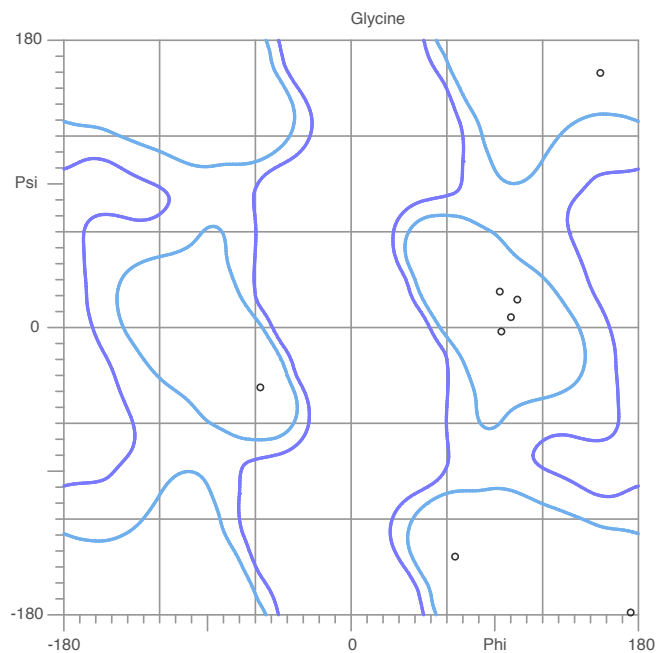
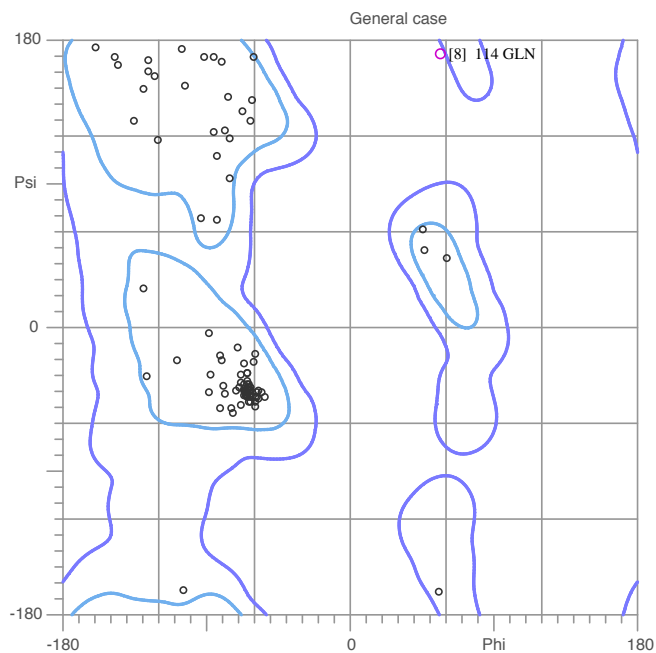
There were 1 outliers (phi, psi):  
[7] 83 MET (50.8, 112.1)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 8

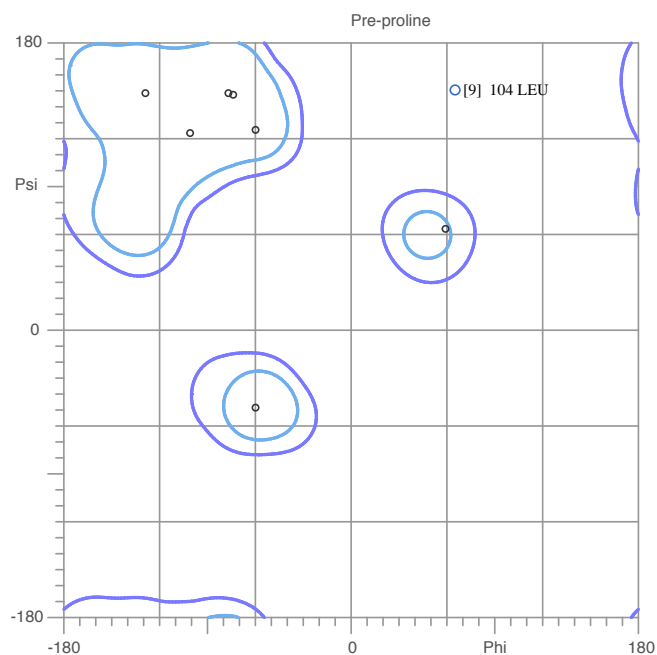
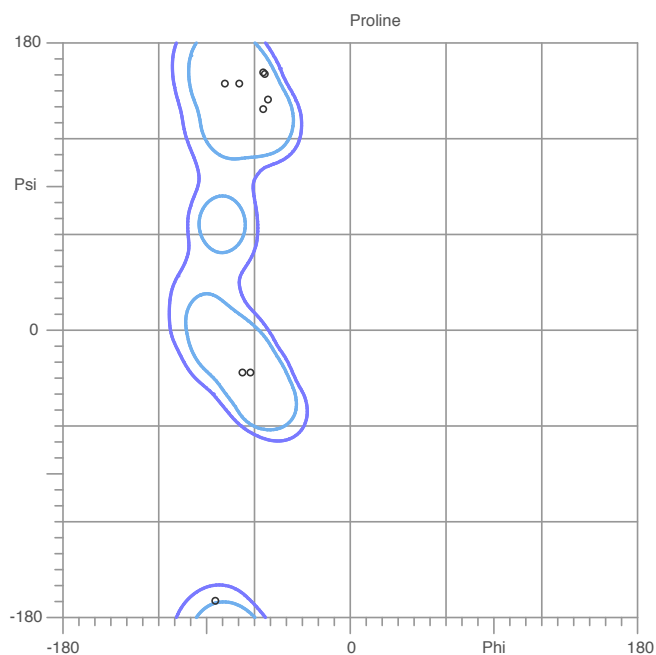
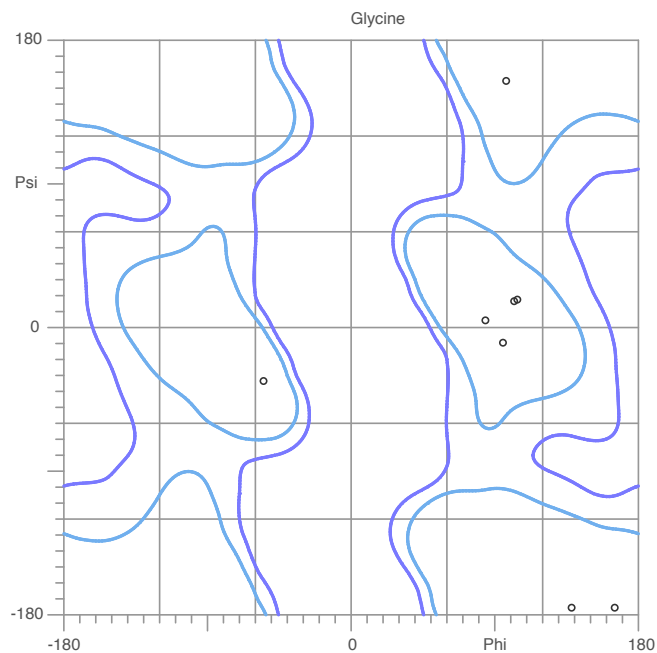
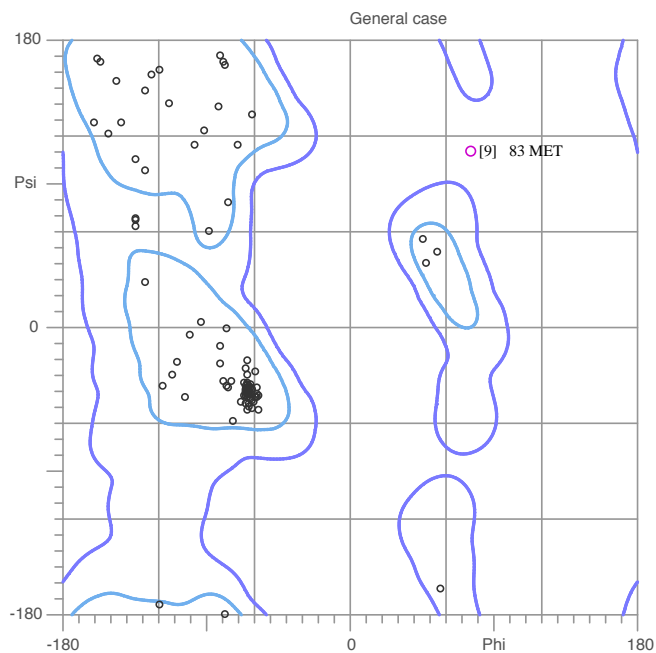


95.8% (114/119) of all residues were in favored (98%) regions.  
98.3% (117/119) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):  
[8] 114 GLN (57.0, 172.3)  
[8] 115 GLN (66.7, 155.0)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 9



94.1% (112/119) of all residues were in favored (98%) regions.  
98.3% (117/119) of all residues were in allowed (>99.8%) regions.

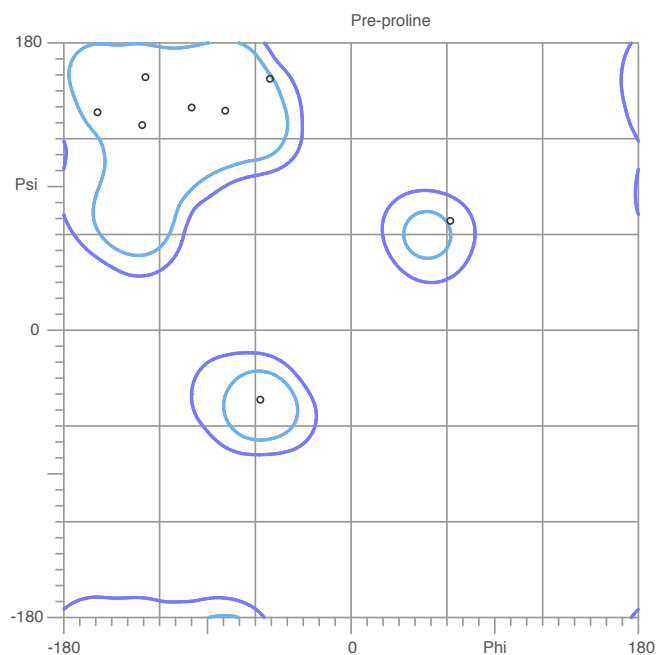
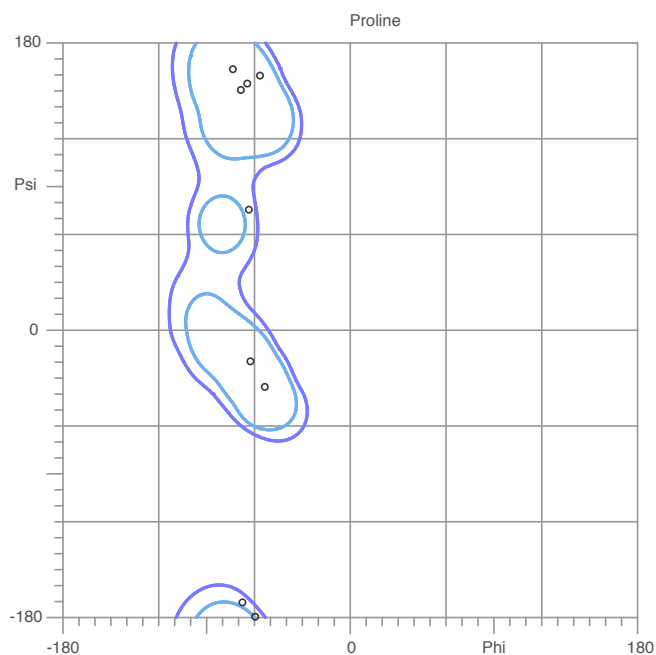
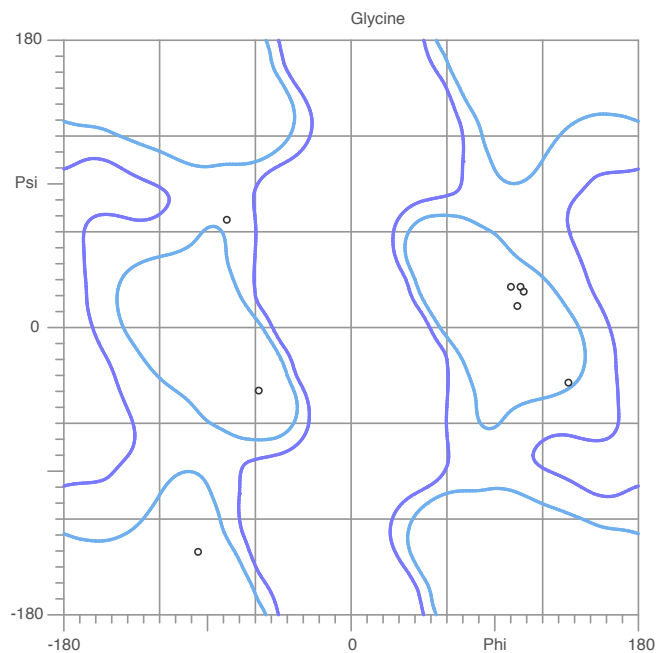
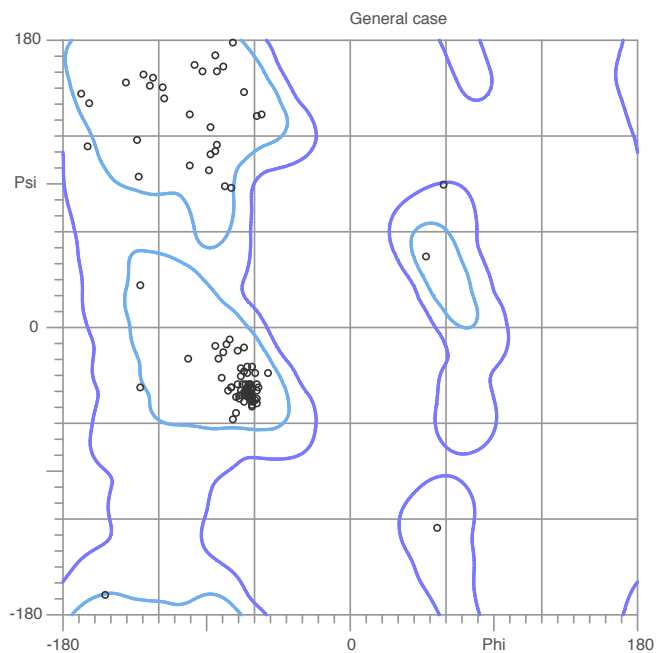
There were 2 outliers (phi, psi):

[9] 83 MET (75.0, 111.4)

[9] 104 LEU (65.6, 151.8)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 10



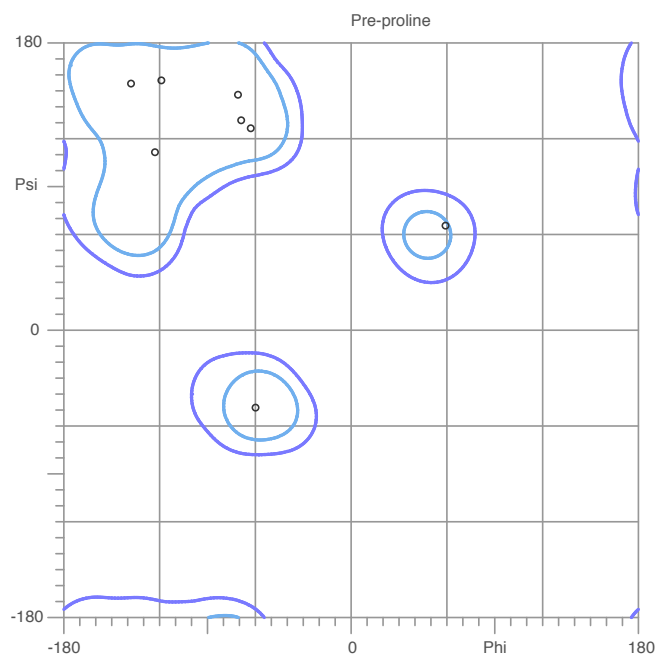
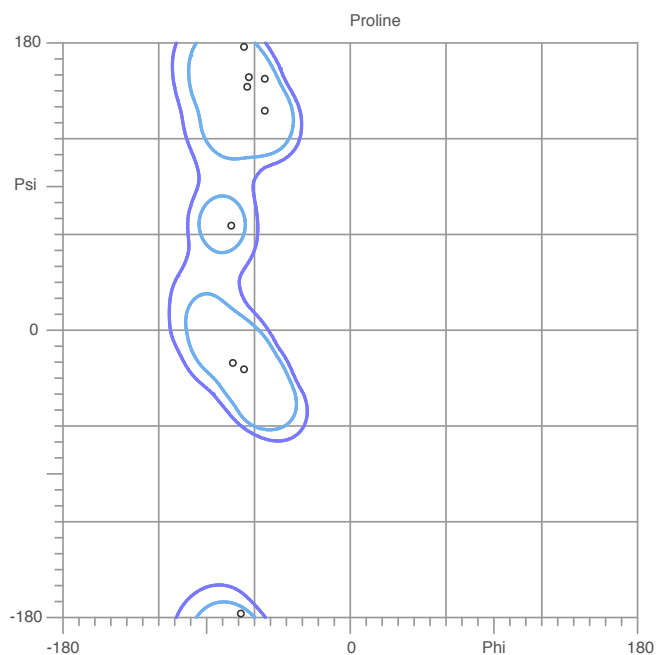
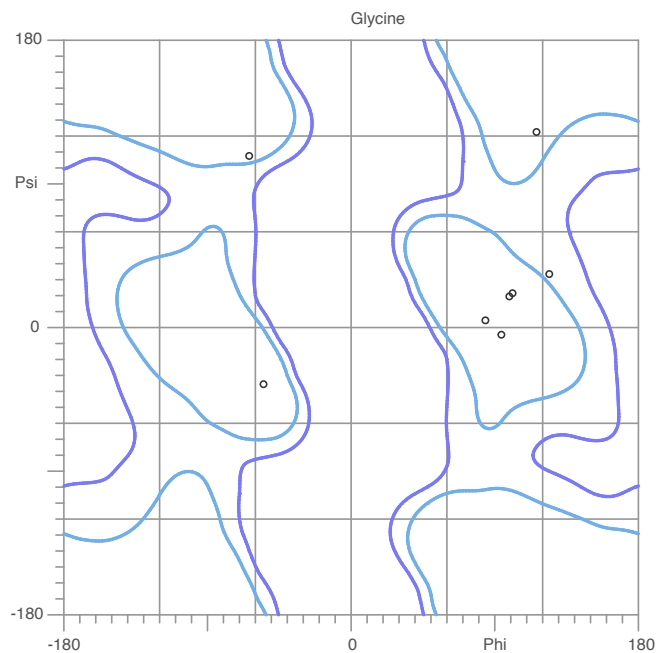
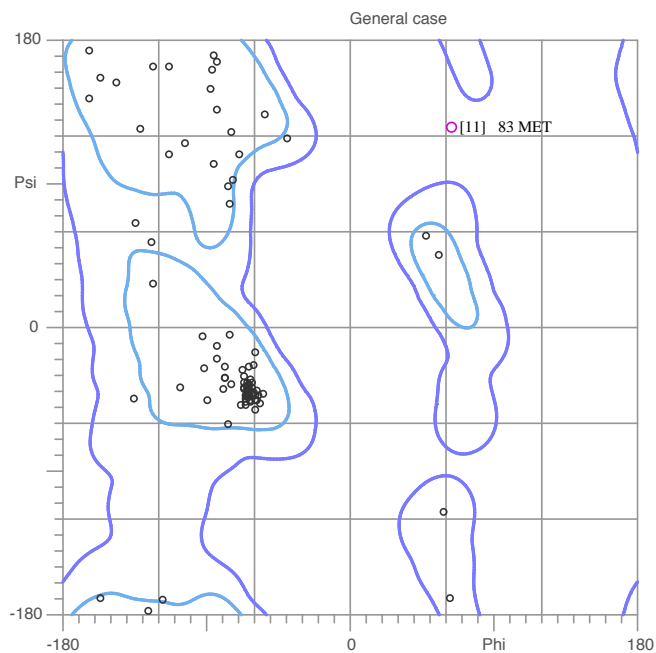
93.3% (111/119) of all residues were in favored (98%) regions.

100.0% (119/119) of all residues were in allowed (>99.8%) regions.

There were no outliers.

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 11



92.4% (110/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

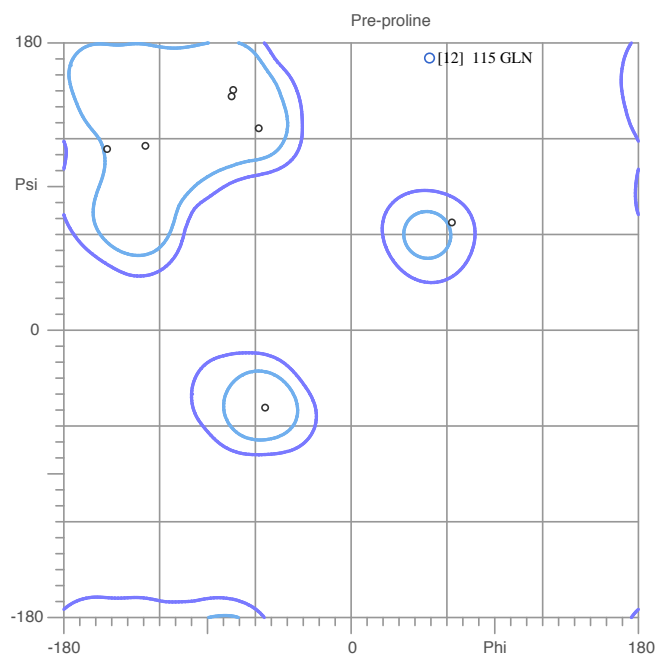
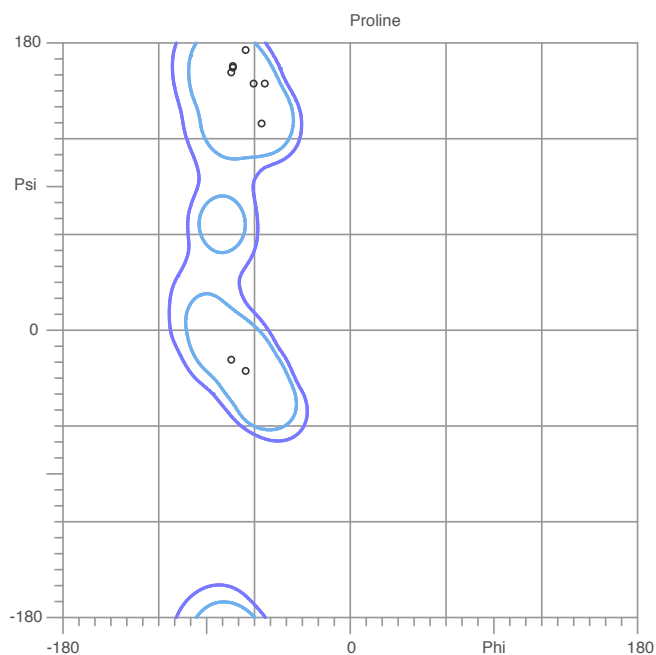
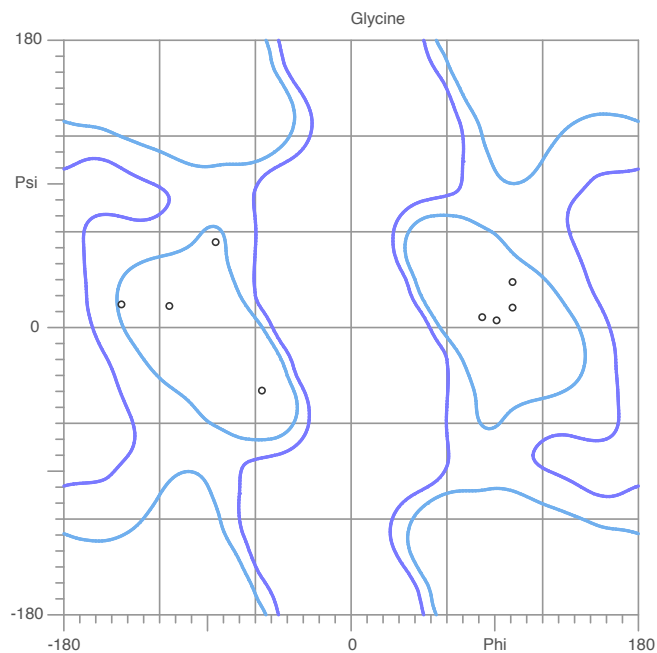
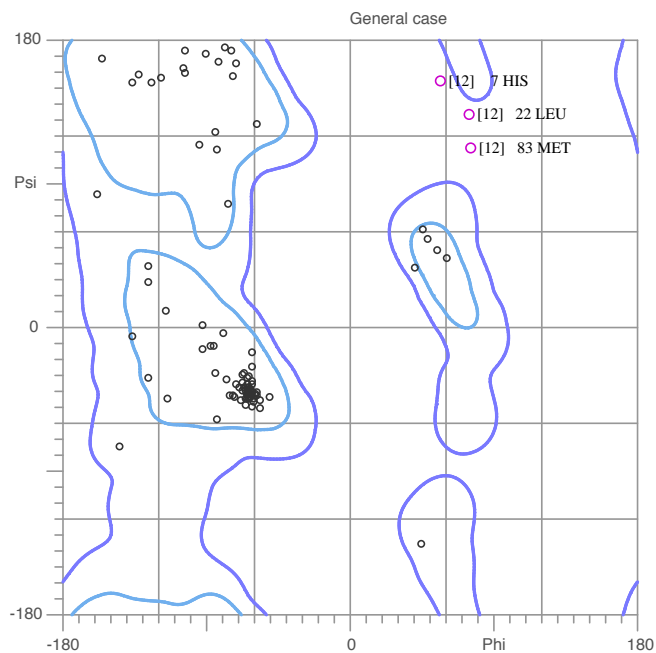
There were 1 outliers (phi, psi):  
[11] 83 MET (63.4, 126.7)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 12



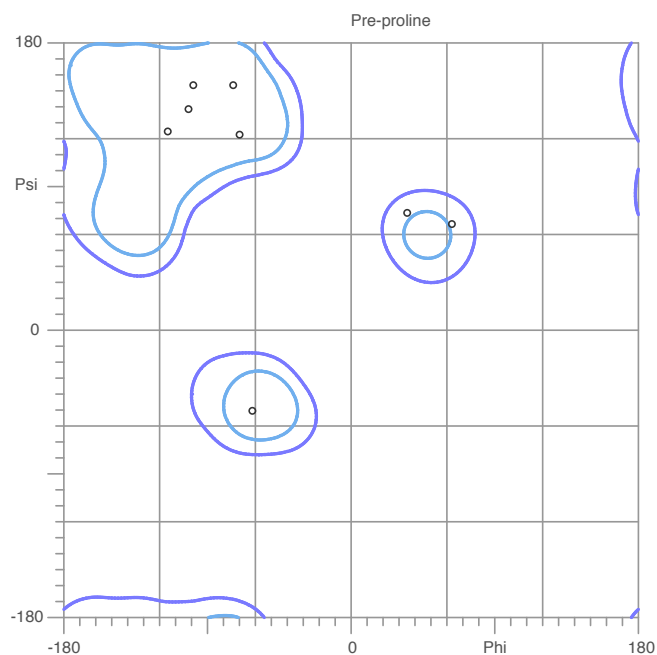
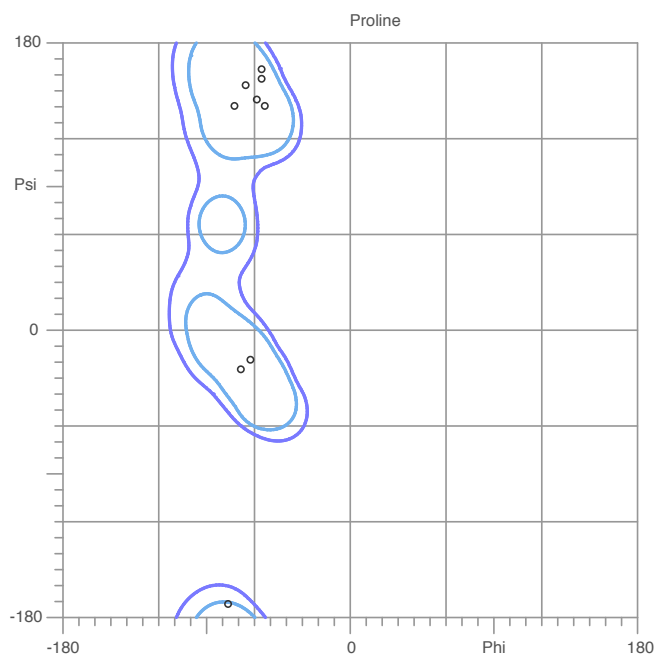
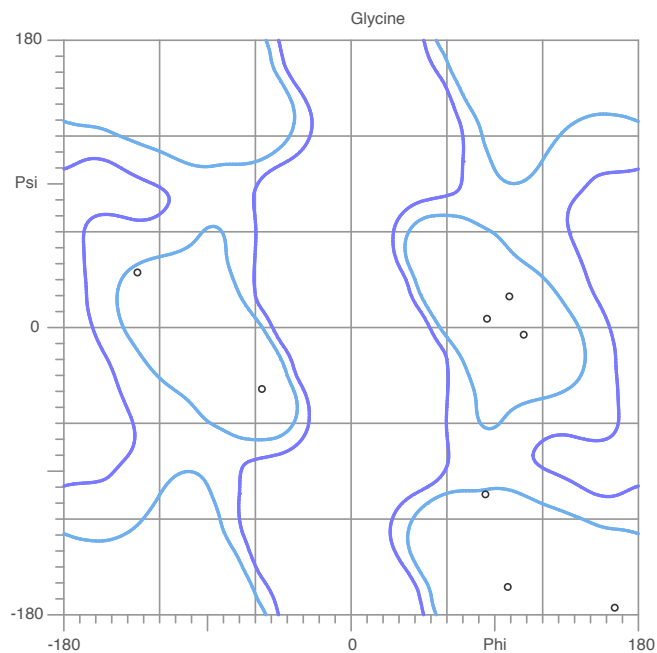
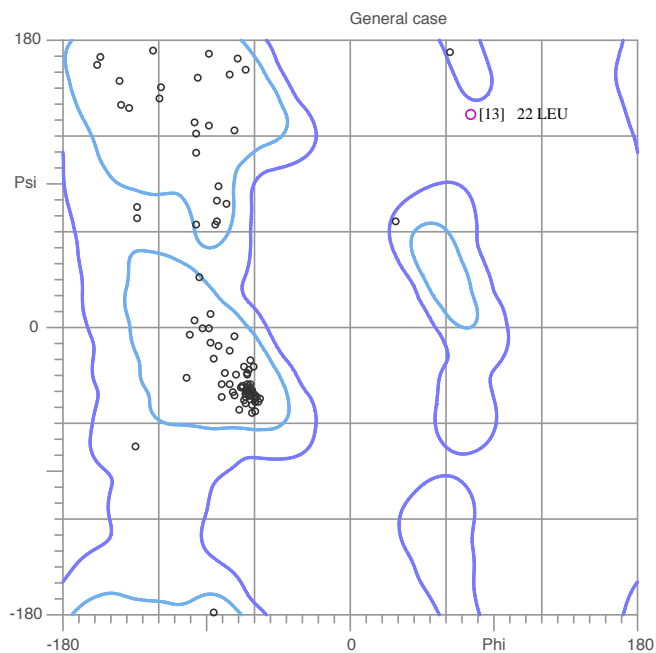
92.4% (110/119) of all residues were in favored (98%) regions.  
96.6% (115/119) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

- [12] 7 HIS (56.3, 155.0)
- [12] 22 LEU (75.0, 135.0)
- [12] 83 MET (75.2, 113.3)
- [12] 115 GLN (49.5, 171.6)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 13



93.3% (111/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

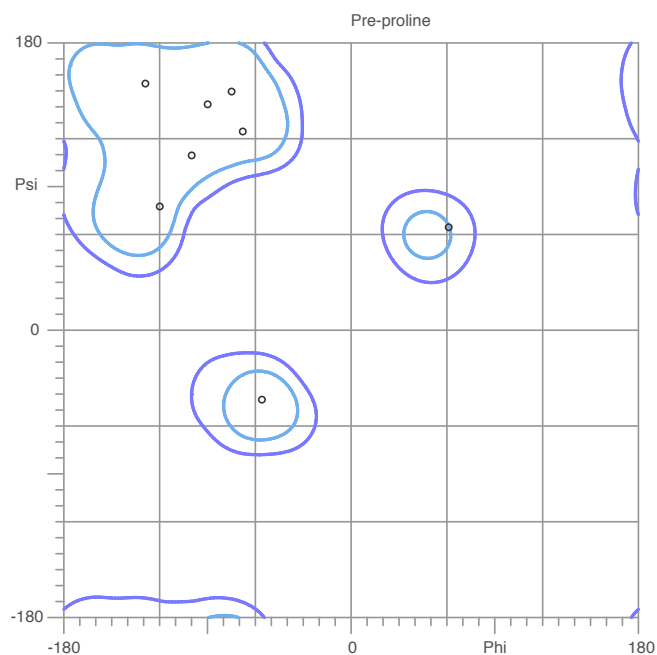
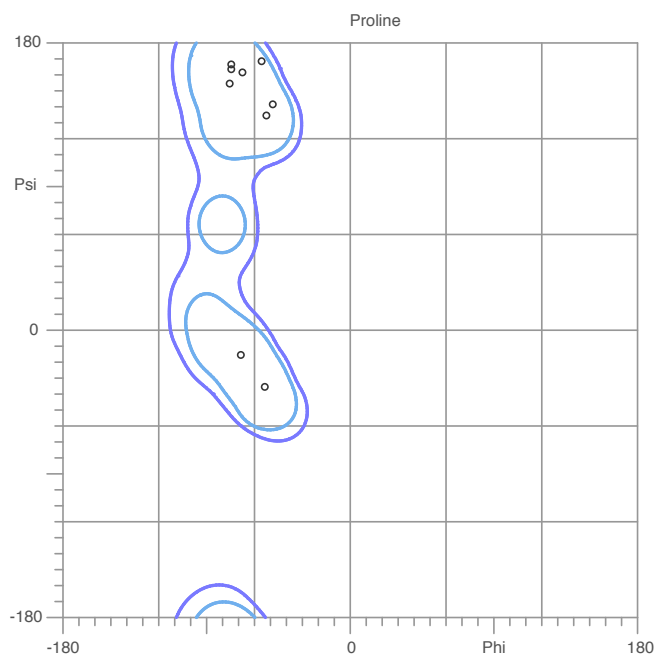
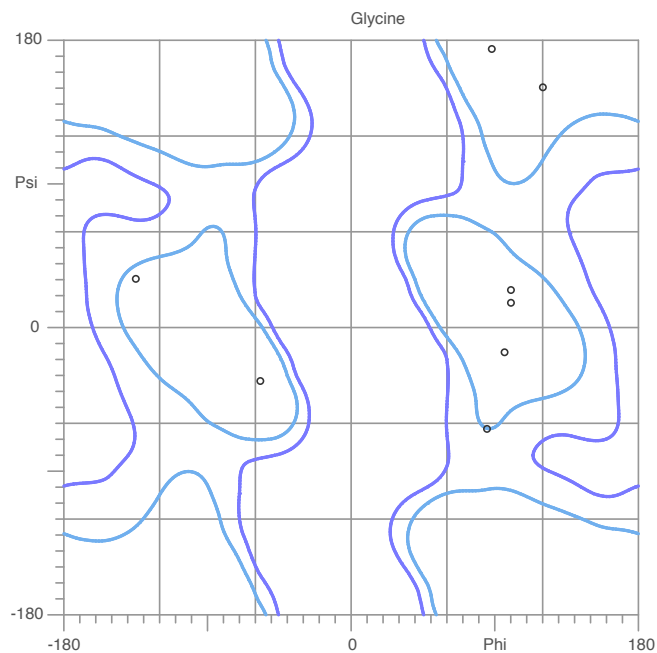
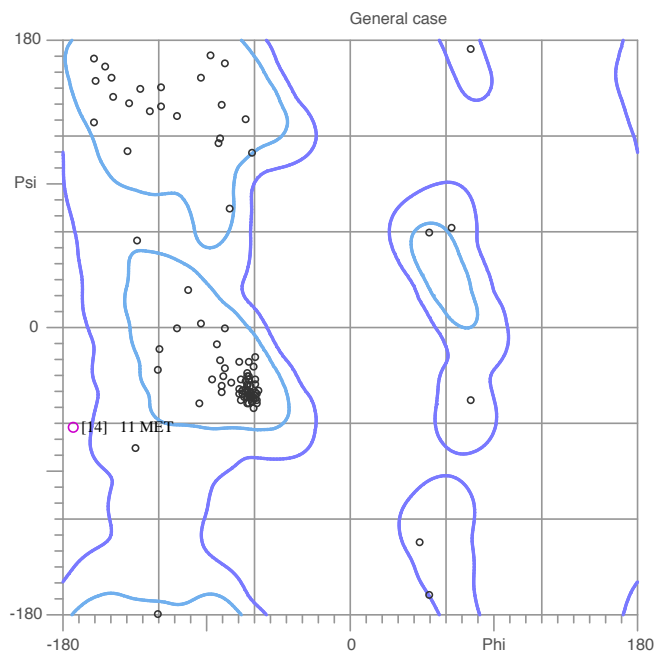
There were 1 outliers (phi, psi):  
[13] 22 LEU (75.0, 135.0)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 14

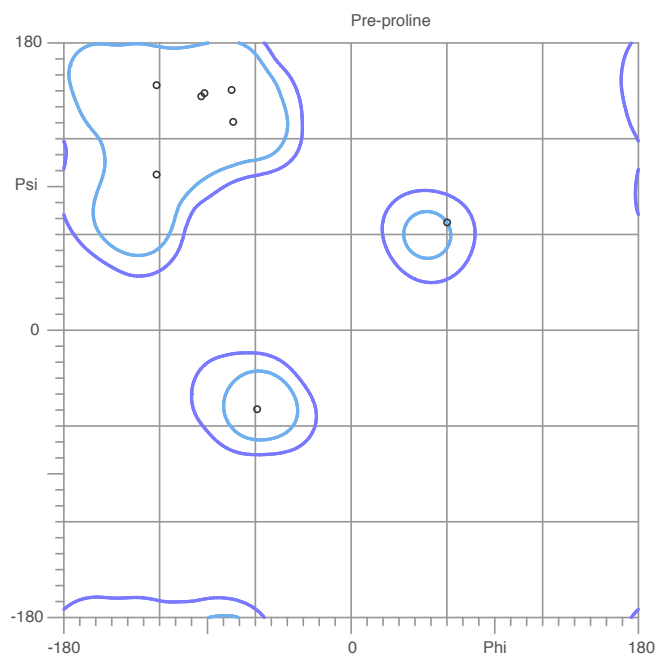
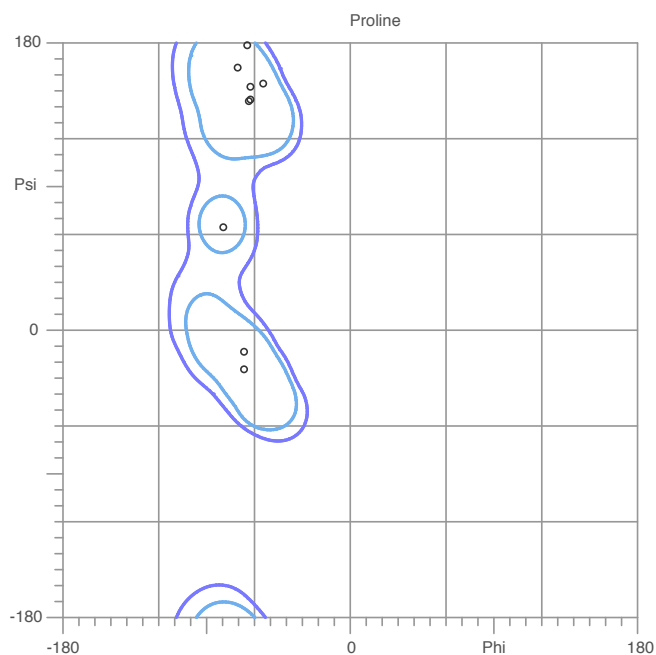
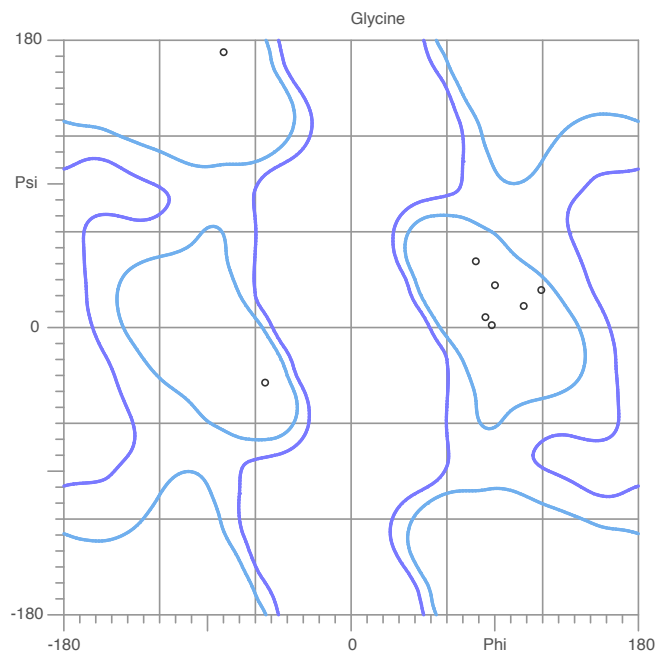
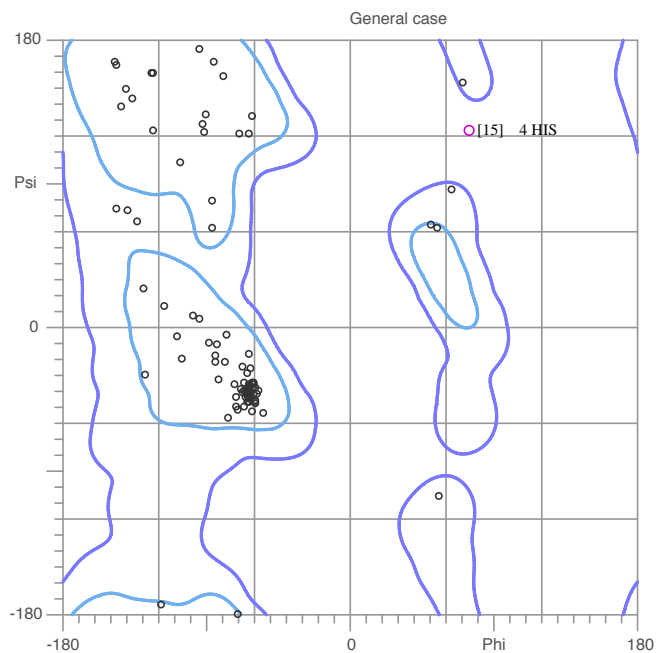


92.4% (110/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):  
[14] 11 MET (-175.0, -63.0)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 15



93.3% (111/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

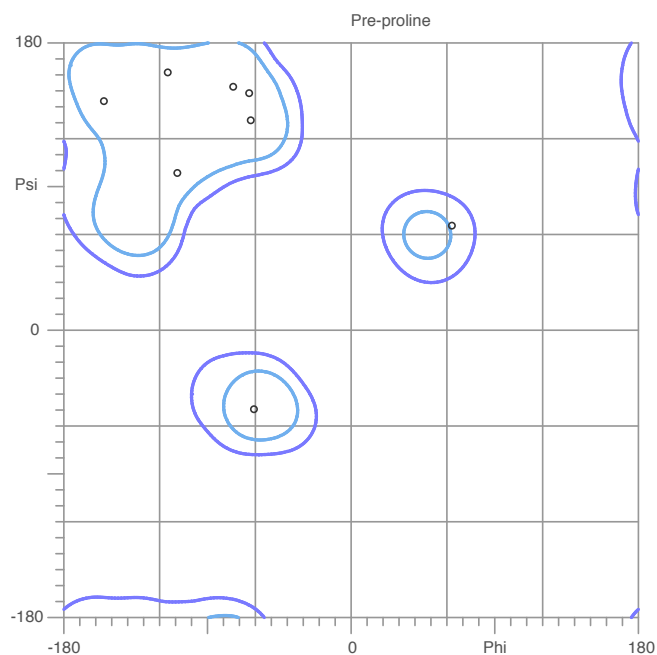
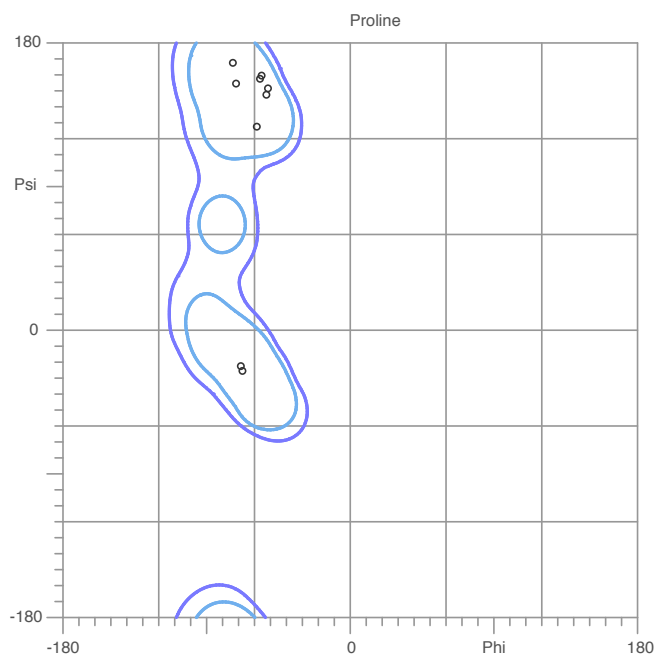
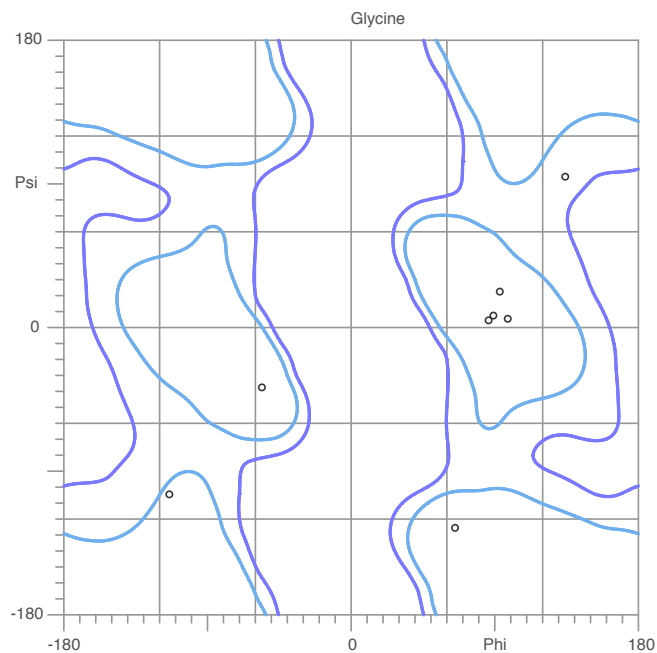
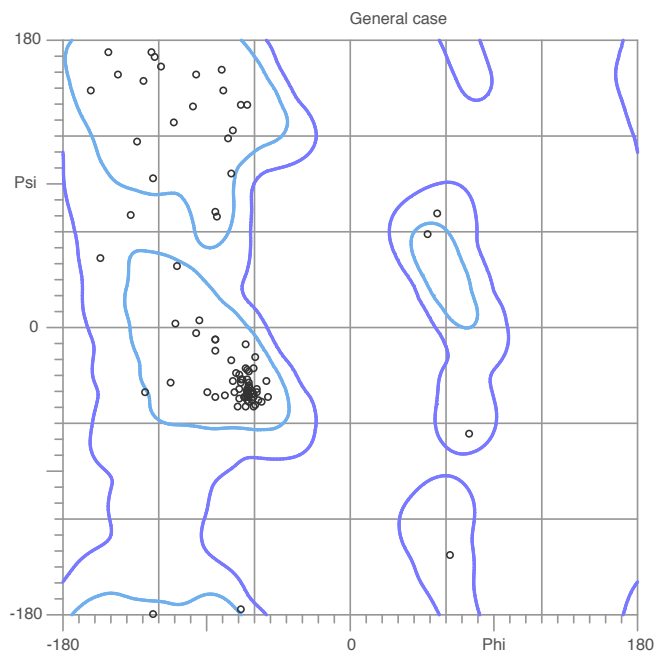
There were 1 outliers (phi, psi):  
[15] 4 HIS (74.9, 125.0)

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# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 16

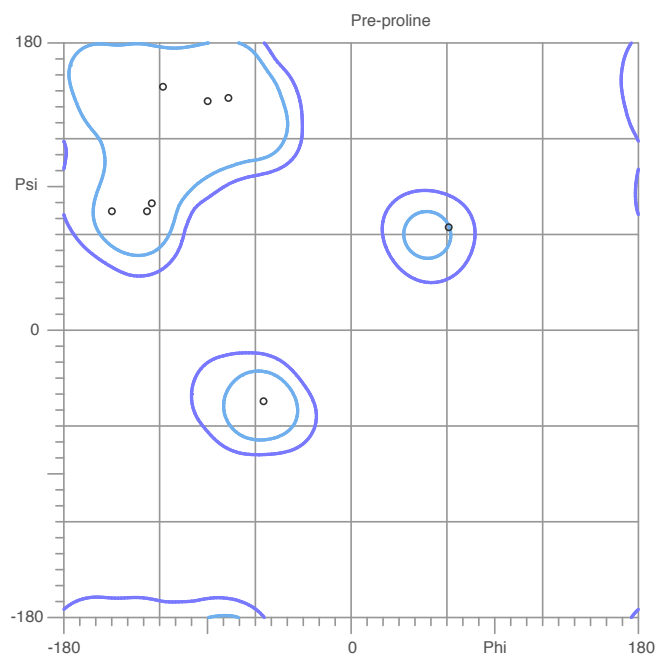
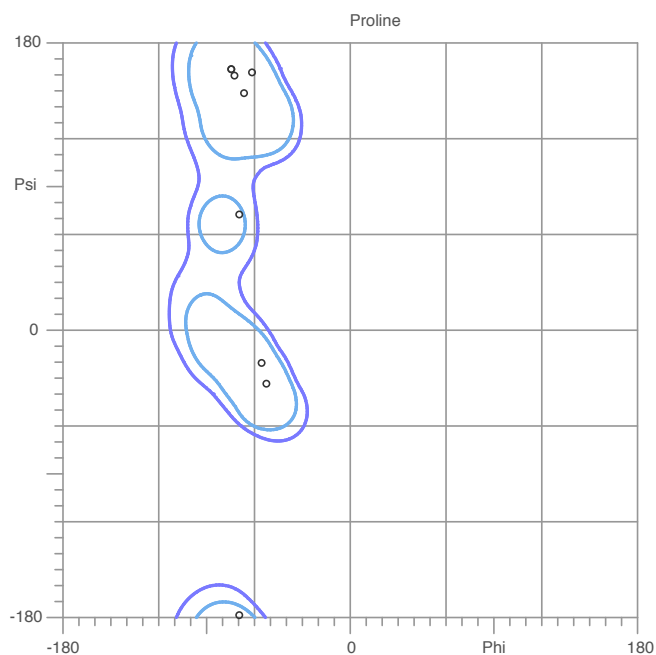
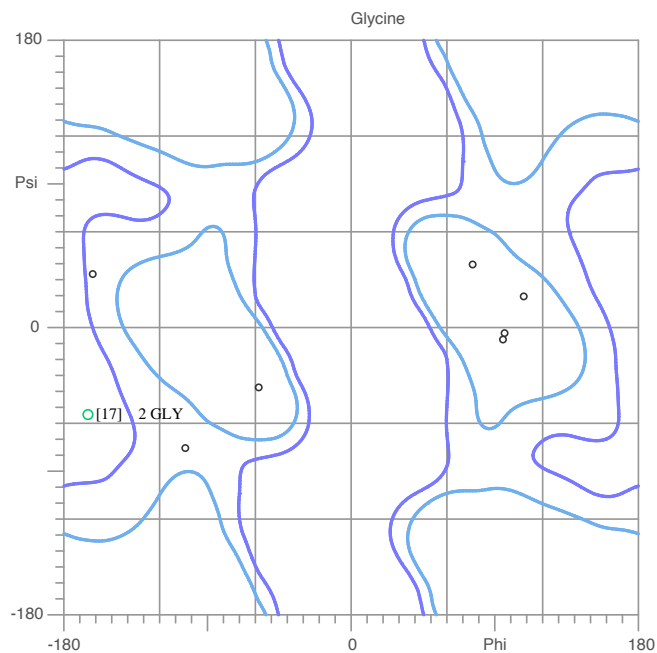
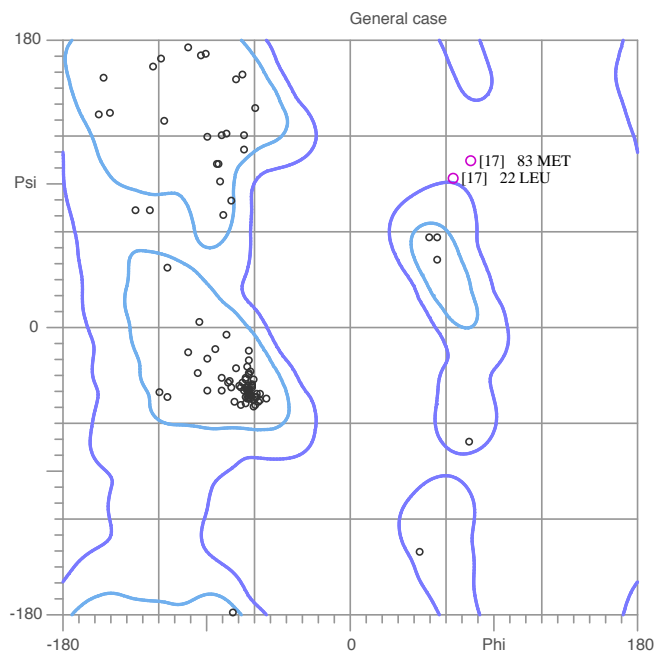


92.4% (110/119) of all residues were in favored (98%) regions.  
100.0% (119/119) of all residues were in allowed (>99.8%) regions.

There were no outliers.

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 17



91.6% (109/119) of all residues were in favored (98%) regions.  
97.5% (116/119) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

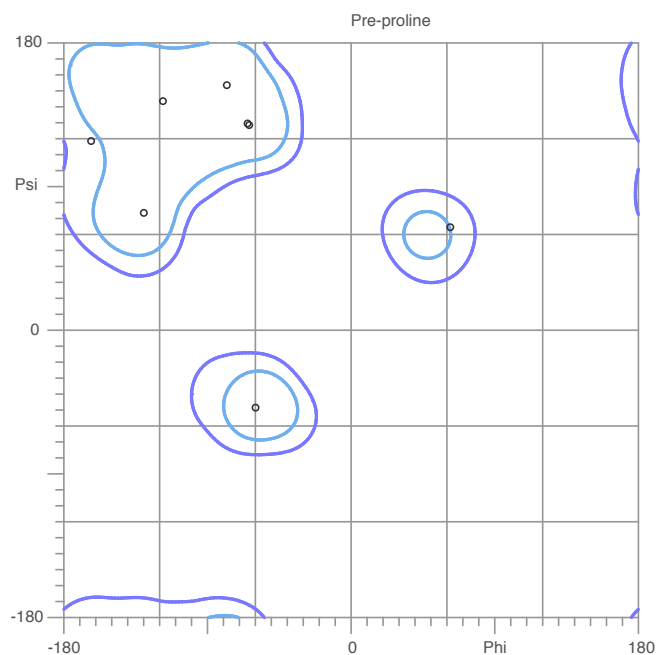
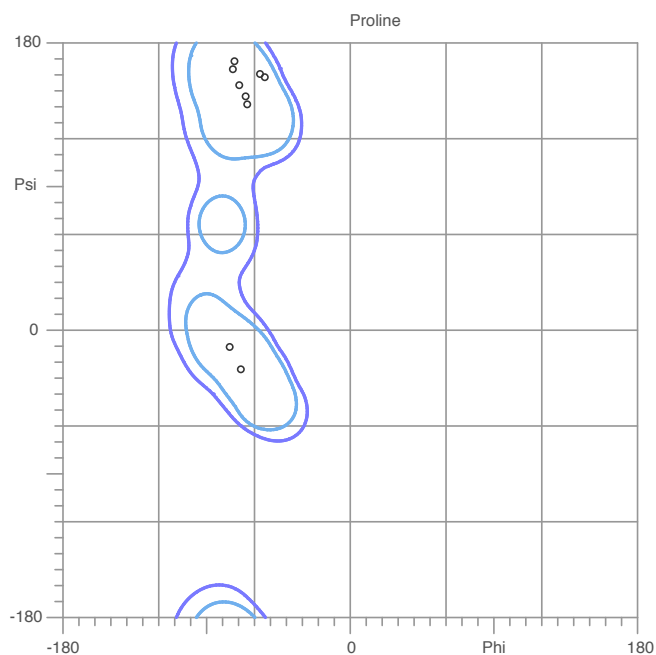
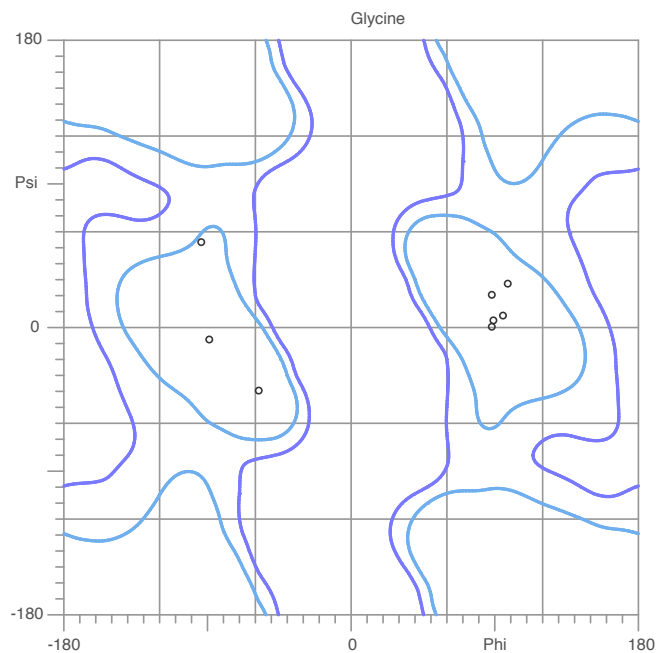
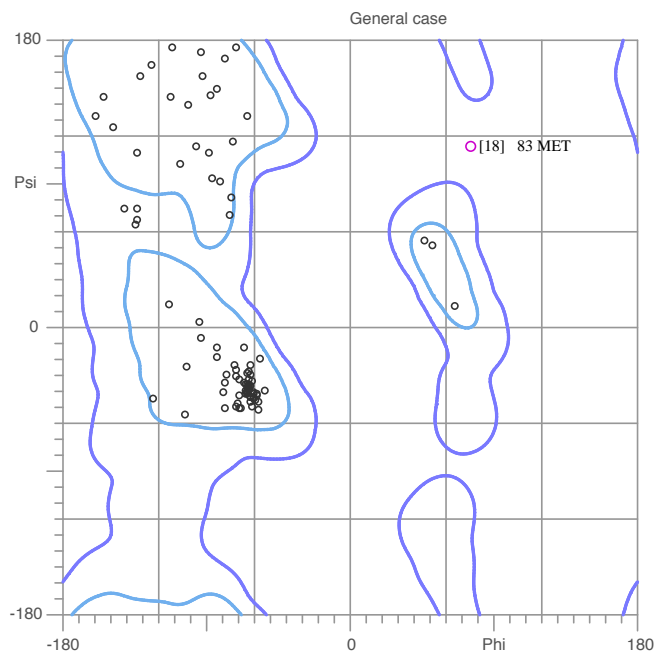
[17] 2 GLY (-165.0, -55.0)

[17] 22 LEU (65.0, 95.0)

[17] 83 MET (75.0, 105.5)

# MolProbity Ramachandran analysis

HR3646E\_R3Cons\_em\_bcr3.pdb, model 18



94.1% (112/119) of all residues were in favored (98%) regions.  
99.2% (118/119) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):  
[18] 83 MET (75.0, 115.0)