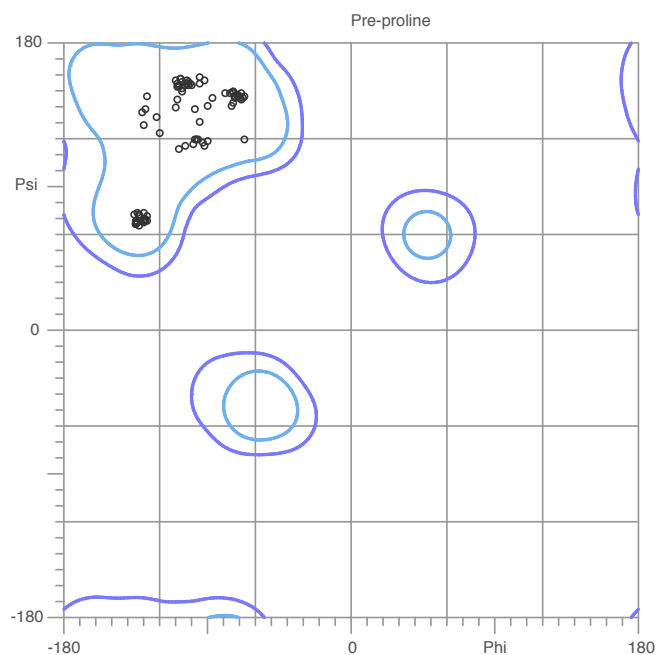
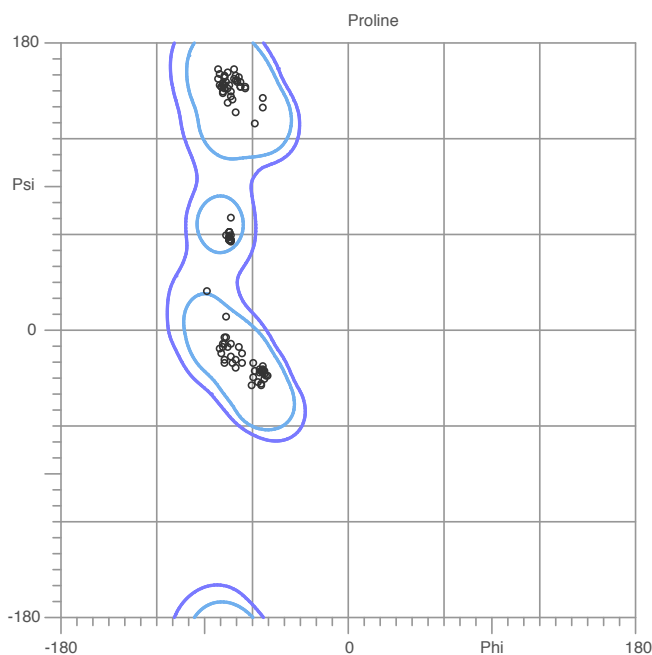
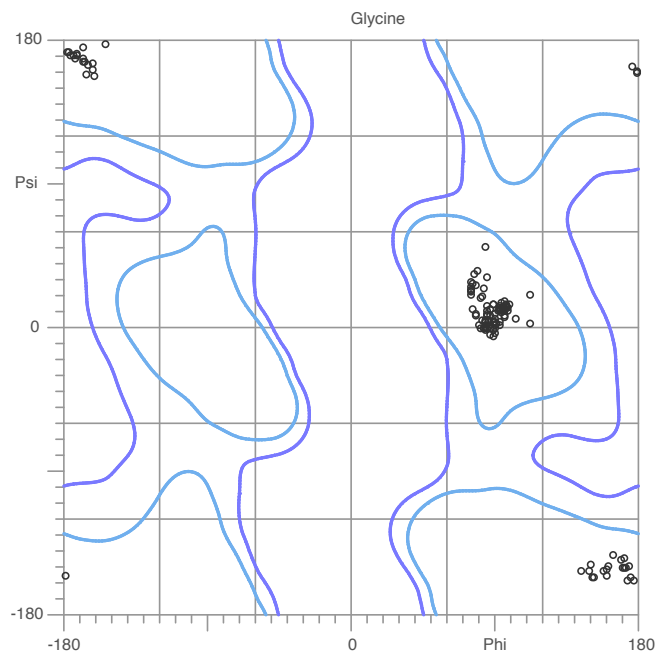
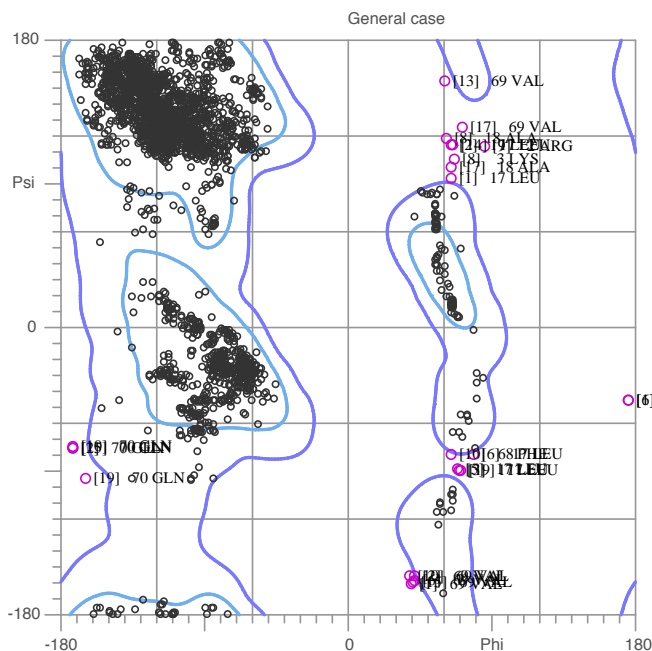


# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, all models



95.1% (2683/2820) of all residues were in favored (98%) regions.  
99.1% (2795/2820) of all residues were in allowed (>99.8%) regions.

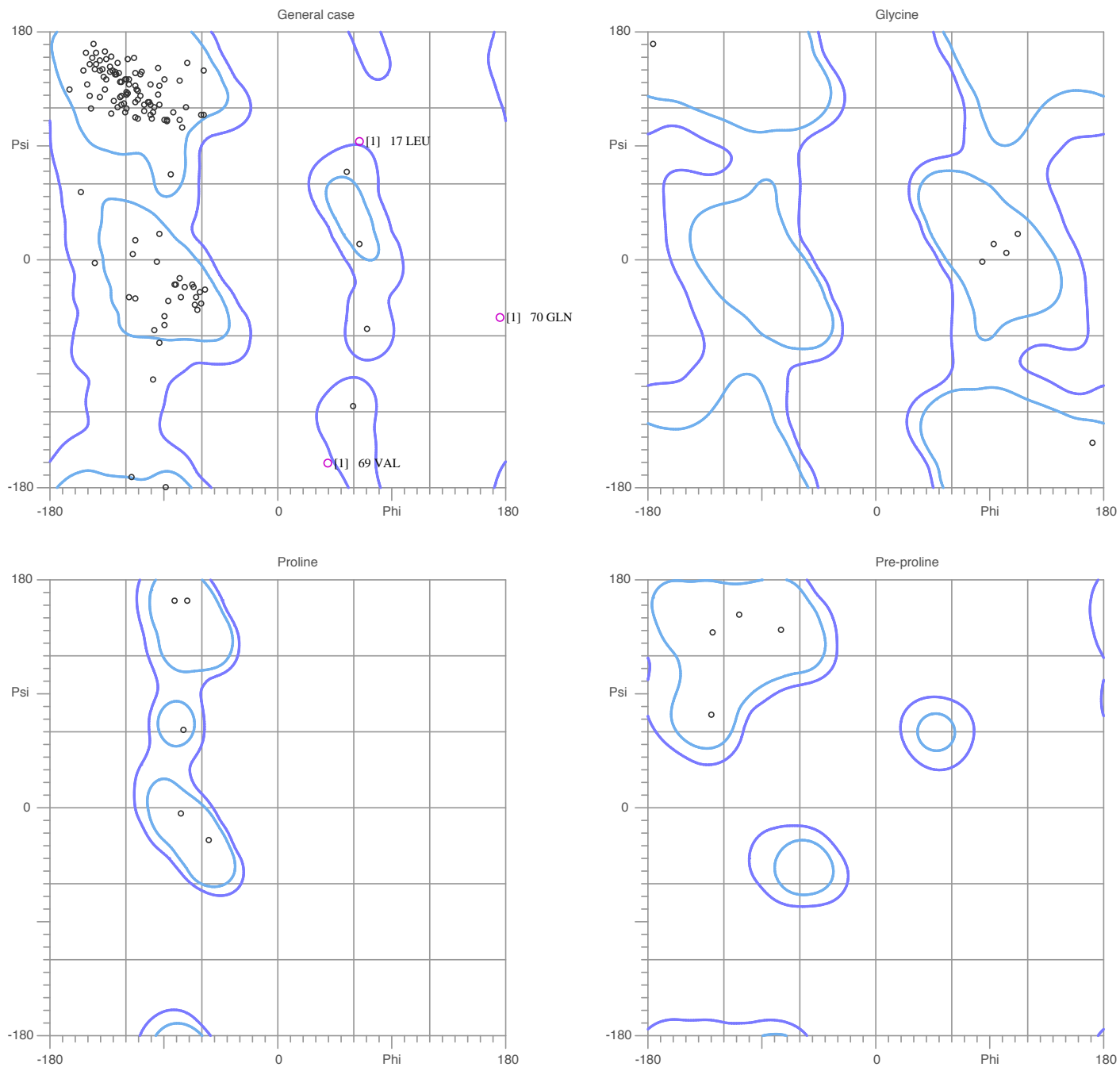
There were 25 outliers (phi, psi):

- [1] 17 LEU (65.0, 94.9)
- [1] 69 VAL (39.9, -160.8)
- [1] 70 GLN (175.0, -45.0)
- [2] 17 LEU (64.9, 115.2)
- [2] 69 VAL (41.5, -155.1)
- [2] 70 GLN (-173.1, -75.0)
- [3] 17 LEU (69.4, -89.9)
- [5] 17 LEU (68.8, -88.1)
- [6] 17 LEU (78.8, -80.0)
- [6] 69 VAL (41.3, -158.4)

- [6] 70 GLN (175.0, -45.6)
- [8] 3 LYS (66.7, 107.0)
- [8] 18 ALA (61.7, 119.4)
- [9] 2 ARG (85.0, 115.0)
- [10] 68 PHE (64.6, -79.5)
- [10] 69 VAL (38.9, -159.8)
- [10] 70 GLN (-173.3, -75.0)
- [13] 69 VAL (60.2, 155.9)
- [14] 17 LEU (65.1, 115.1)
- [15] 69 VAL (40.1, -159.8)
- [15] 70 GLN (-173.1, -75.1)
- [17] 18 ALA (64.9, 101.3)
- [17] 69 VAL (71.7, 126.9)
- [19] 17 LEU (70.2, -90.0)
- [19] 70 GLN (-165.0, -94.9)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 1



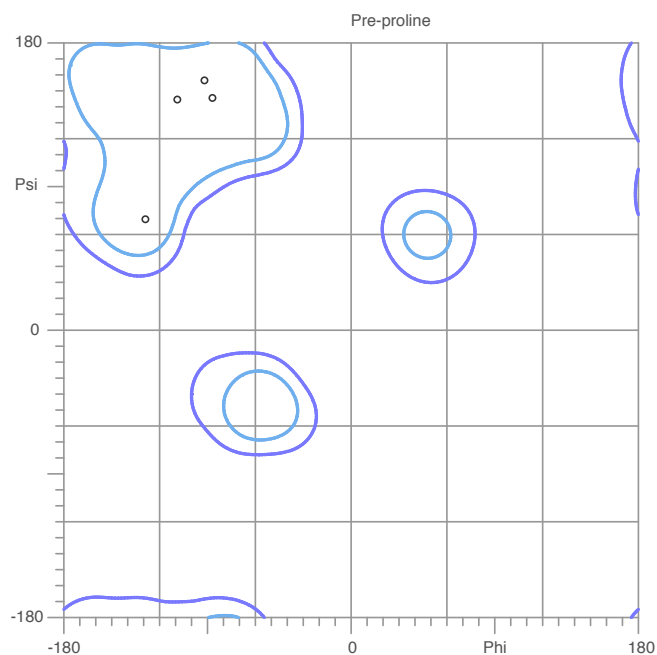
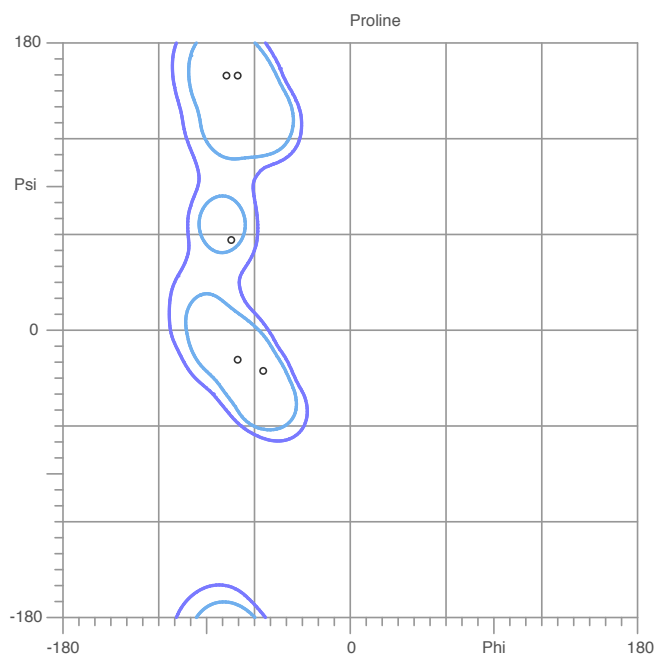
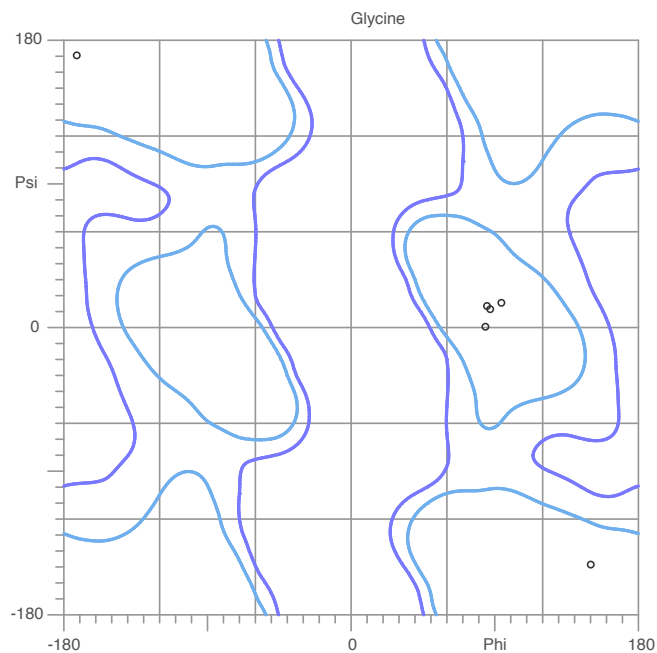
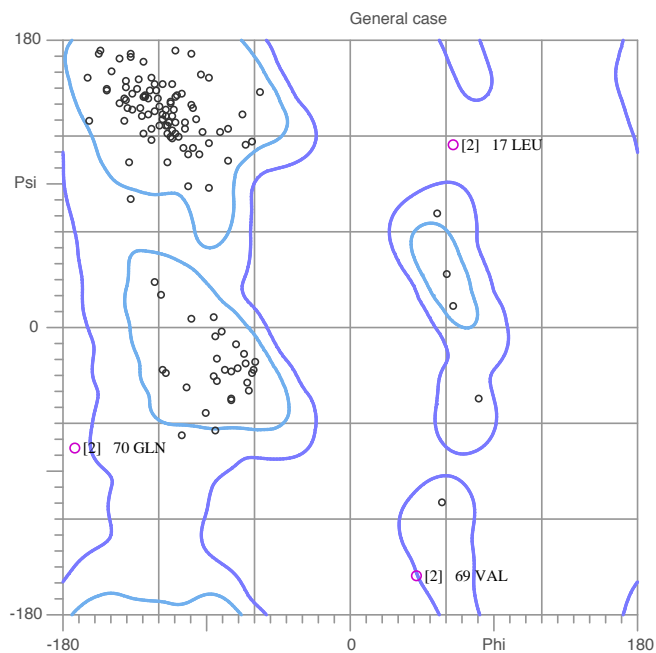
92.2% (130/141) of all residues were in favored (98%) regions.  
97.9% (138/141) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [1] 17 LEU (65.0, 94.9)
- [1] 69 VAL (39.9, -160.8)
- [1] 70 GLN (175.0, -45.0)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 2



93.6% (132/141) of all residues were in favored (98%) regions.  
97.9% (138/141) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

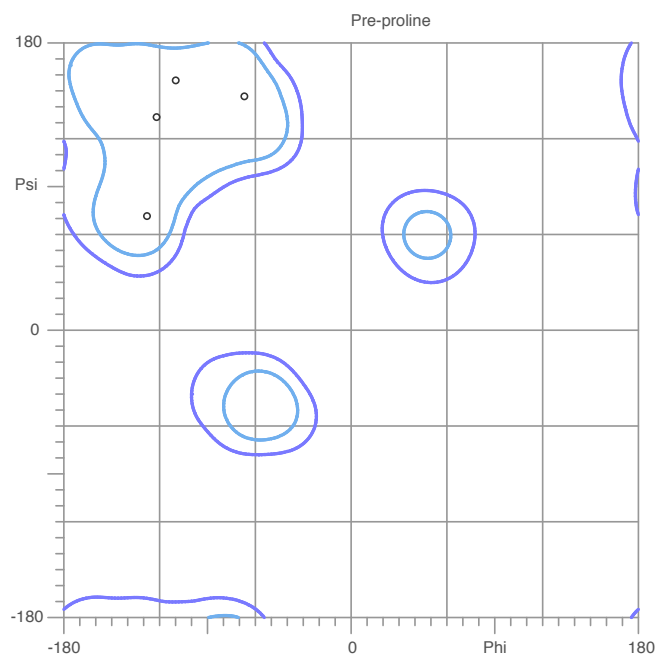
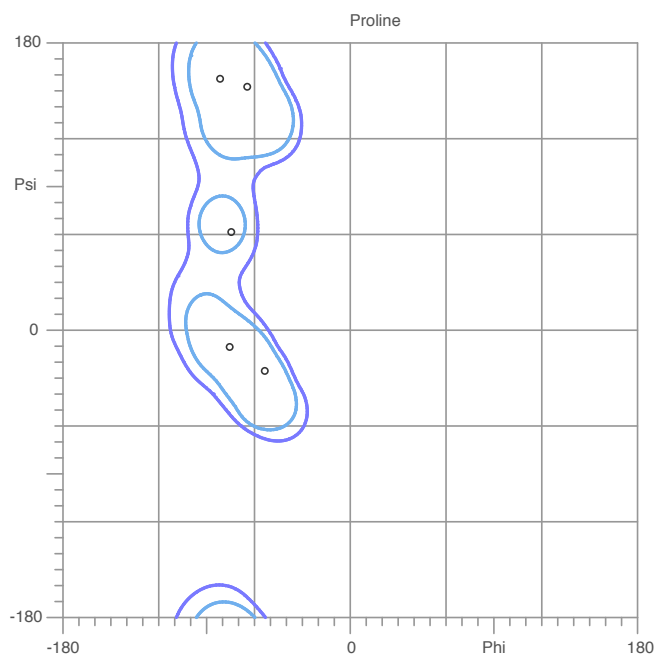
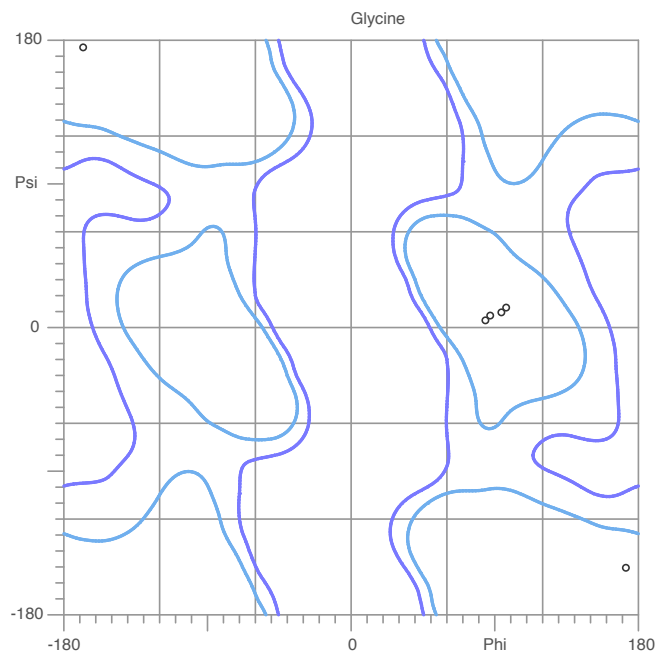
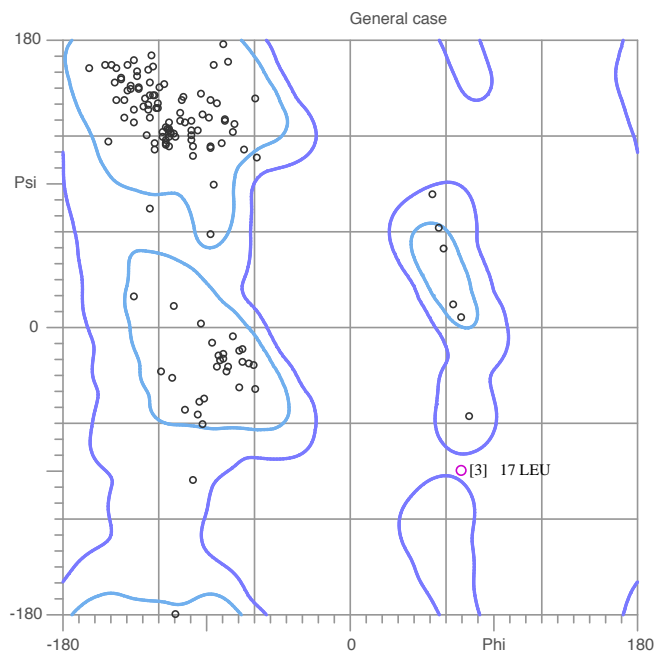
[2] 17 LEU (64.9, 115.2)

[2] 69 VAL (41.5, -155.1)

[2] 70 GLN (-173.1, -75.0)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 3

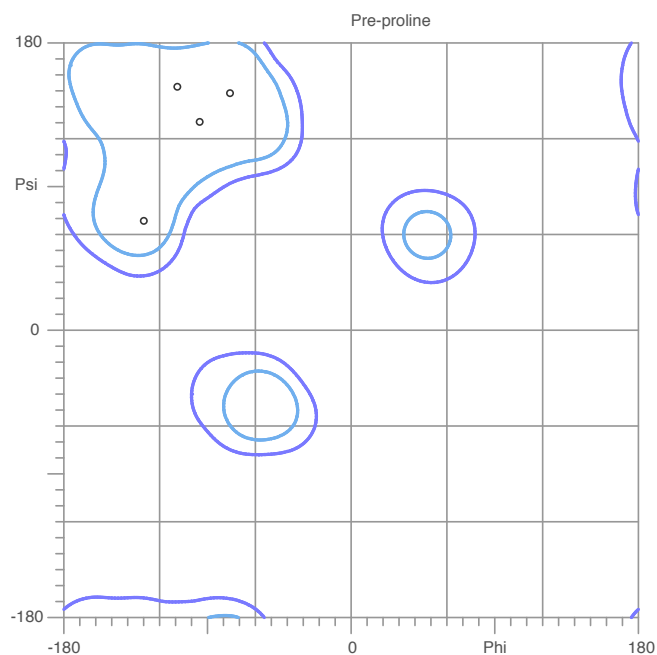
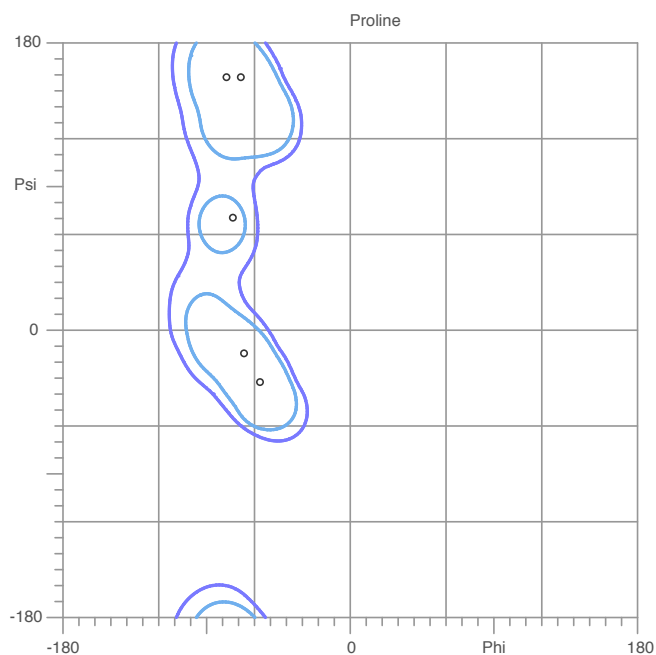
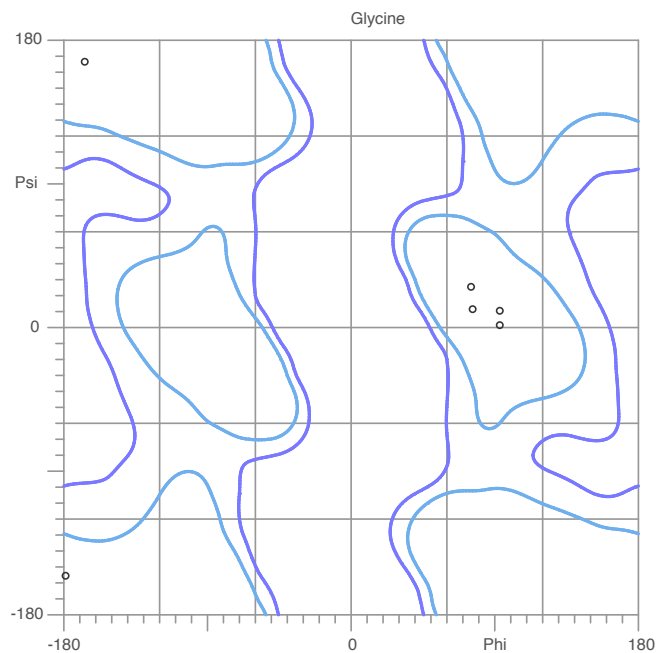
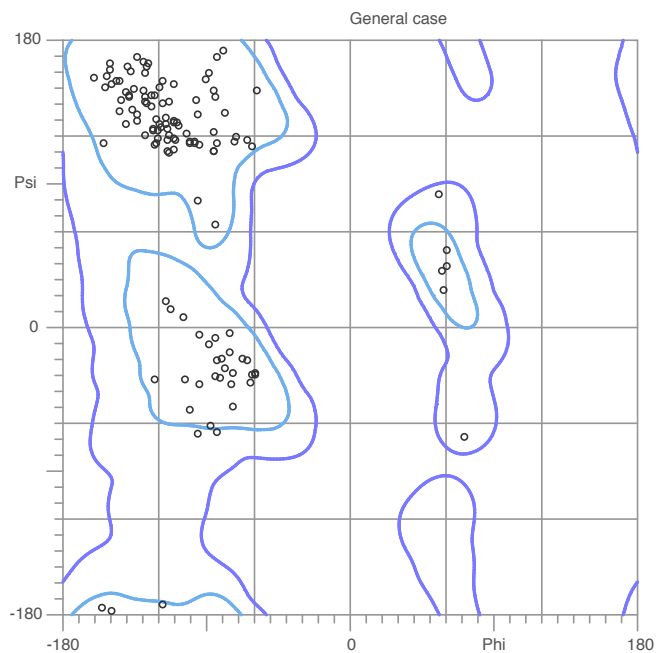


95.7% (135/141) of all residues were in favored (98%) regions.  
99.3% (140/141) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):  
[3] 17 LEU (69.4, -89.9)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 4

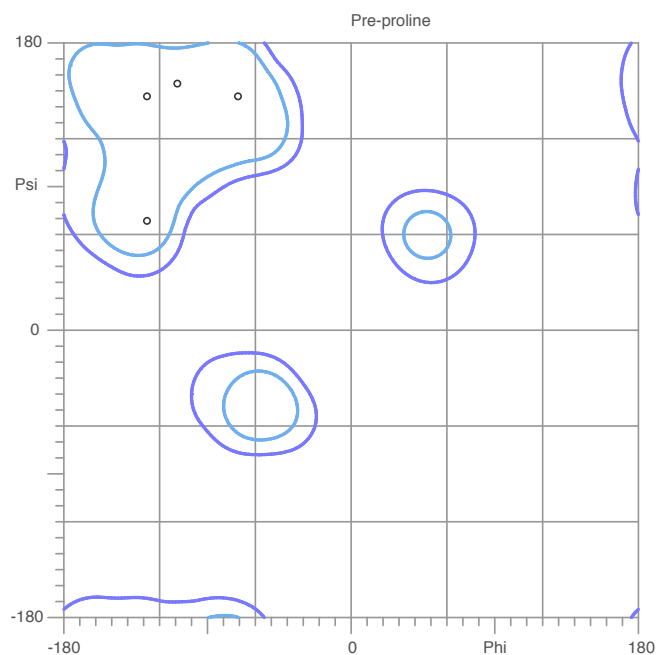
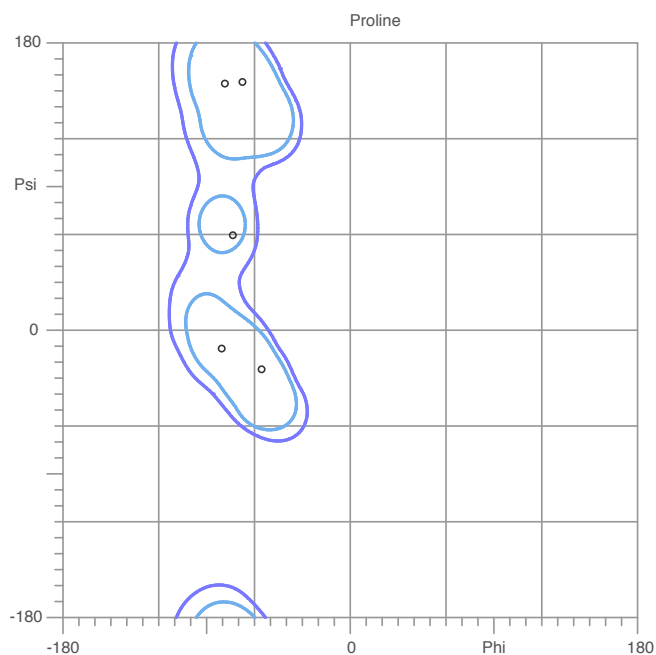
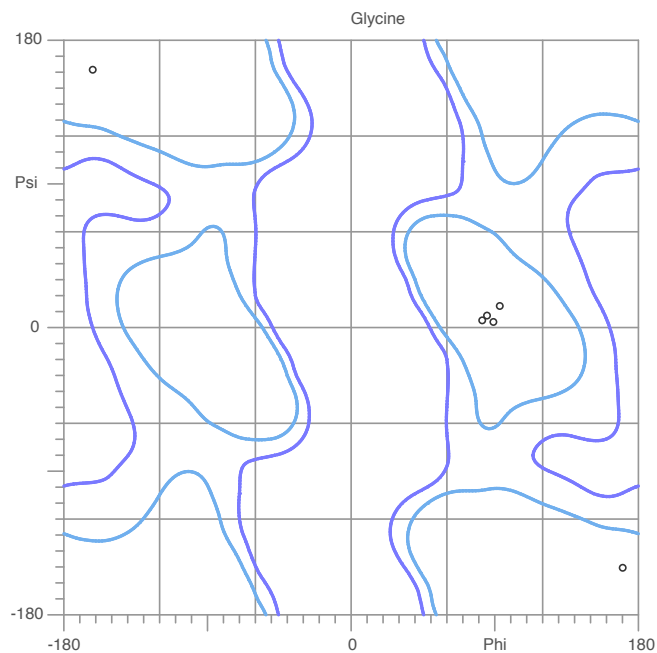
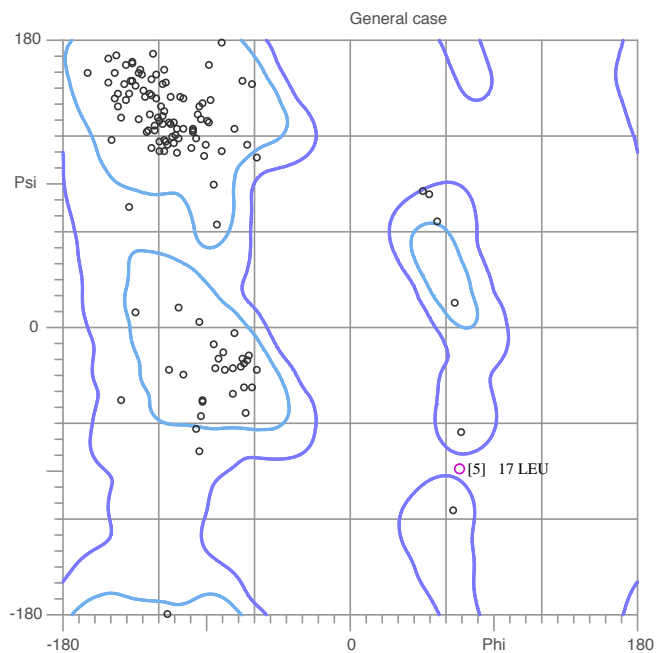


97.2% (137/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

There were no outliers.

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 5

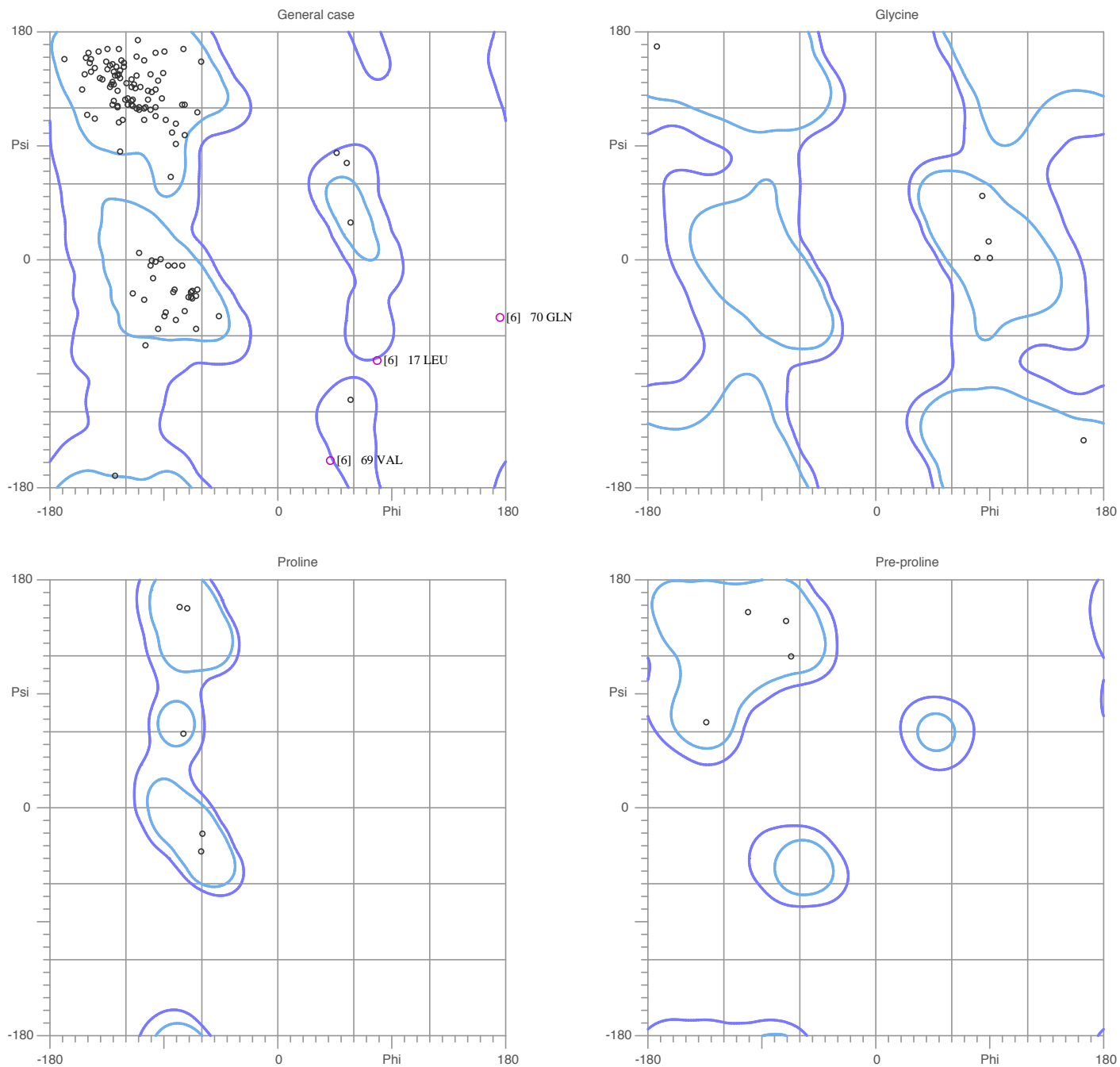


92.2% (130/141) of all residues were in favored (98%) regions.  
99.3% (140/141) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):  
[5] 17 LEU (68.8, -88.1)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 6



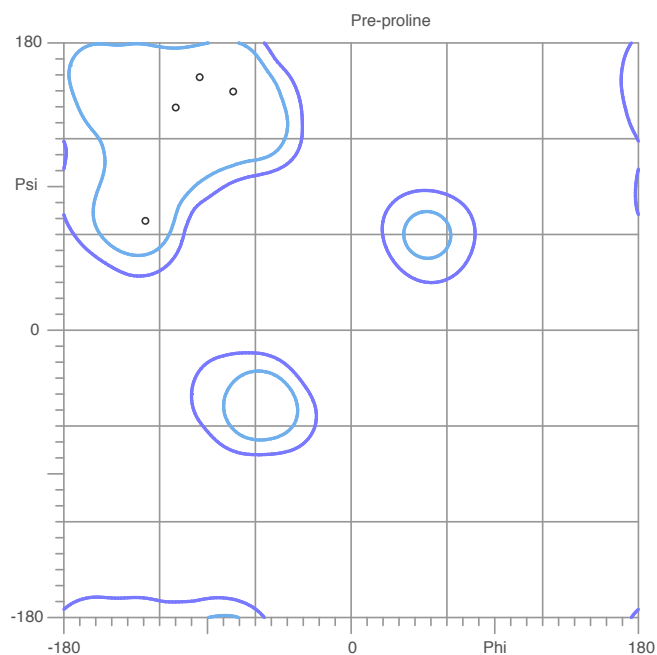
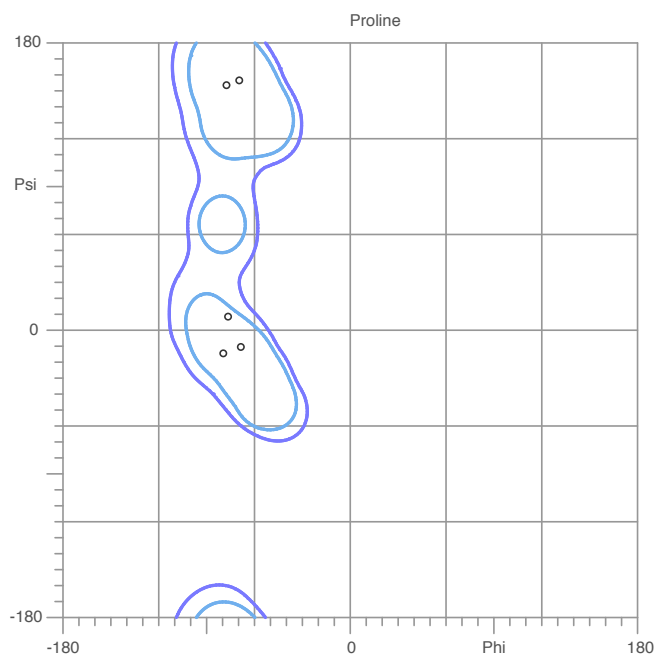
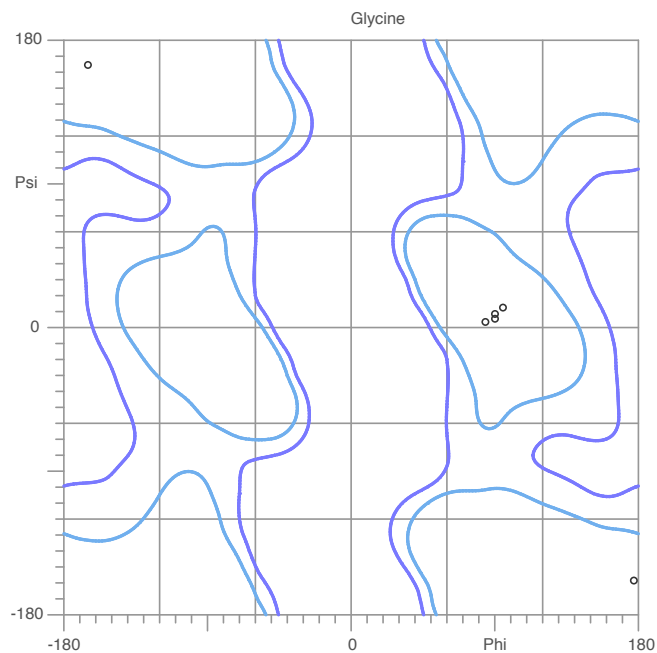
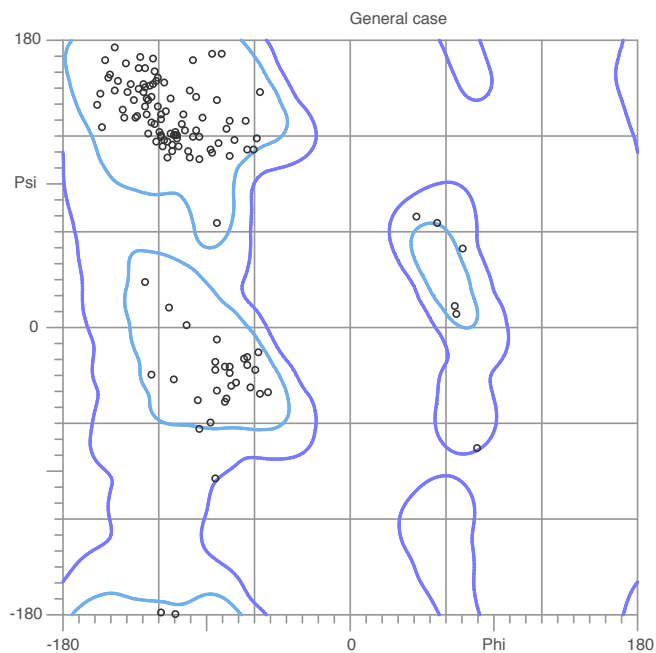
94.3% (133/141) of all residues were in favored (98%) regions.  
97.9% (138/141) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [6] 17 LEU (78.8, -80.0)
- [6] 69 VAL (41.3, -158.4)
- [6] 70 GLN (175.0, -45.6)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 7



95.7% (135/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

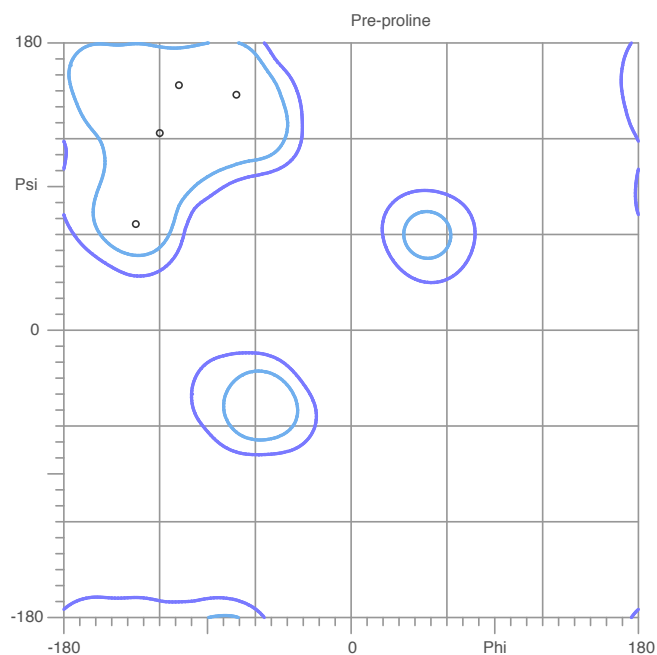
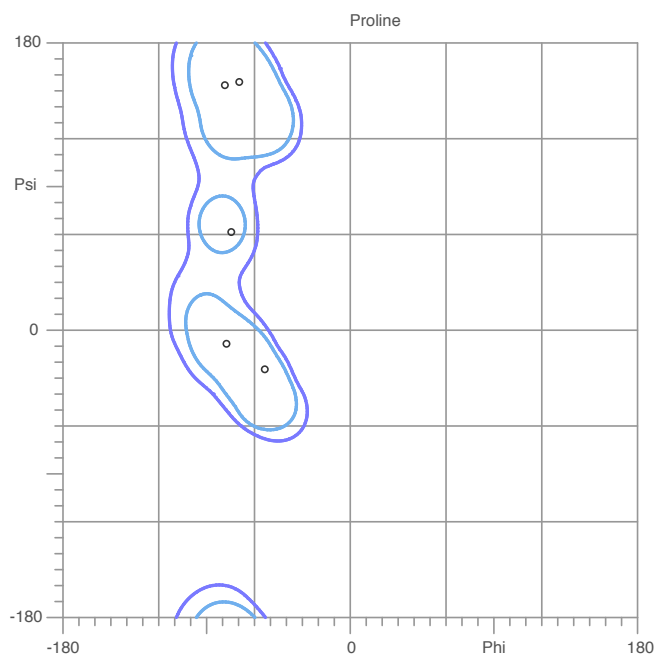
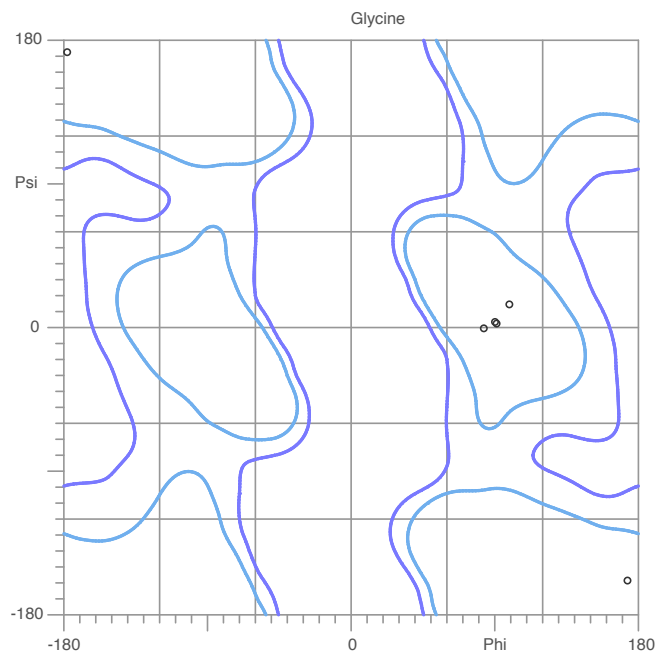
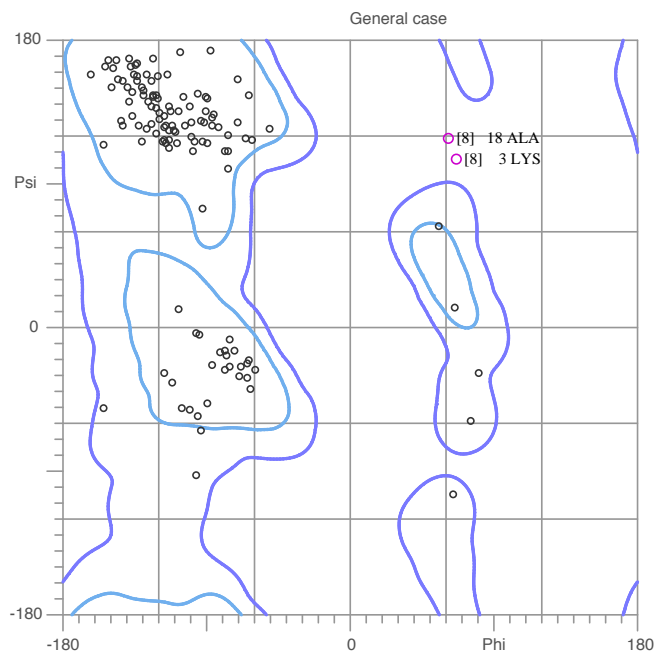
There were no outliers.

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 8



93.6% (132/141) of all residues were in favored (98%) regions.  
98.6% (139/141) of all residues were in allowed (>99.8%) regions.

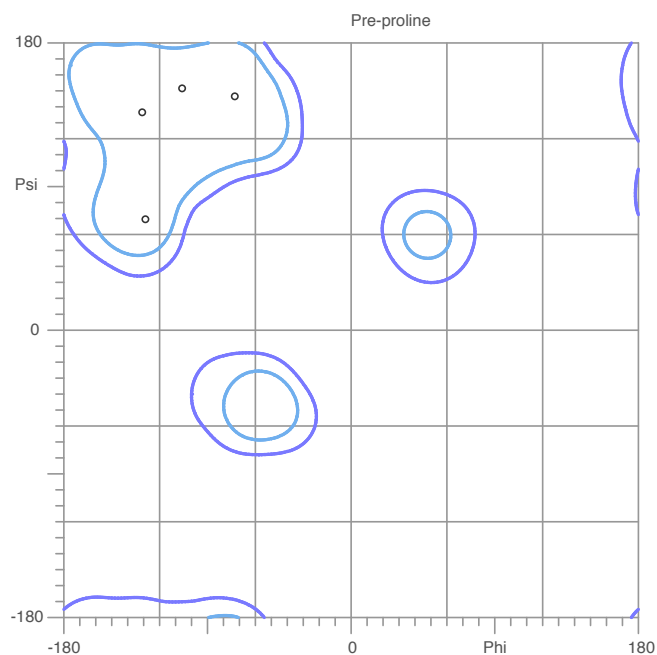
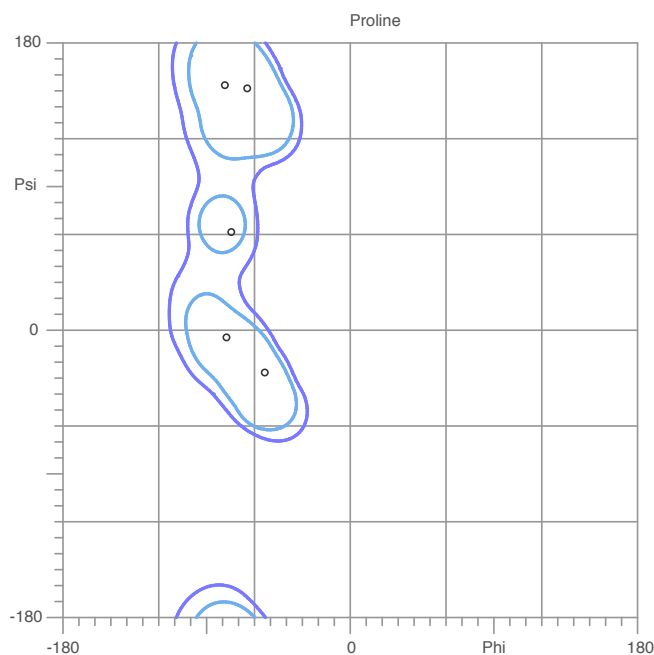
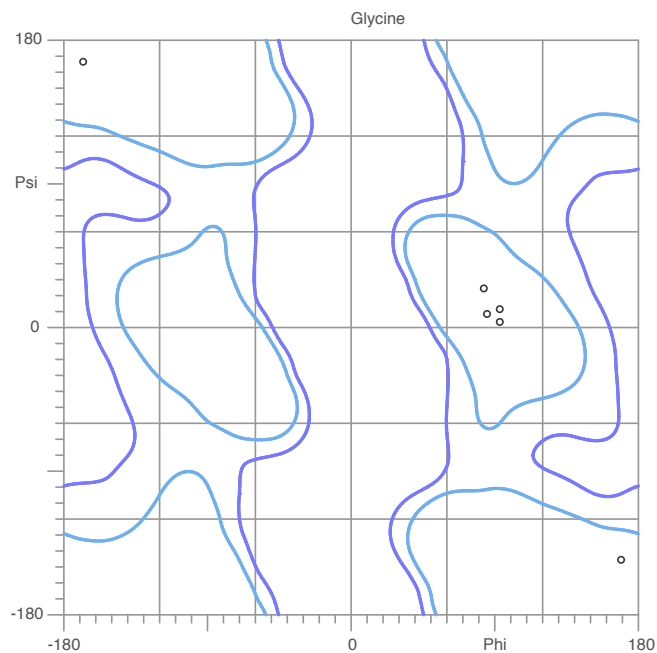
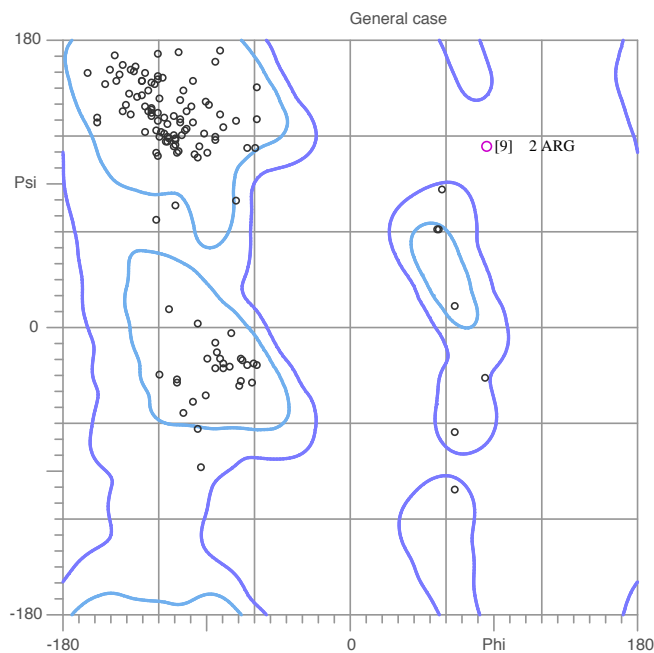
There were 2 outliers (phi, psi):

[8] 3 LYS (66.7, 107.0)

[8] 18 ALA (61.7, 119.4)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 9

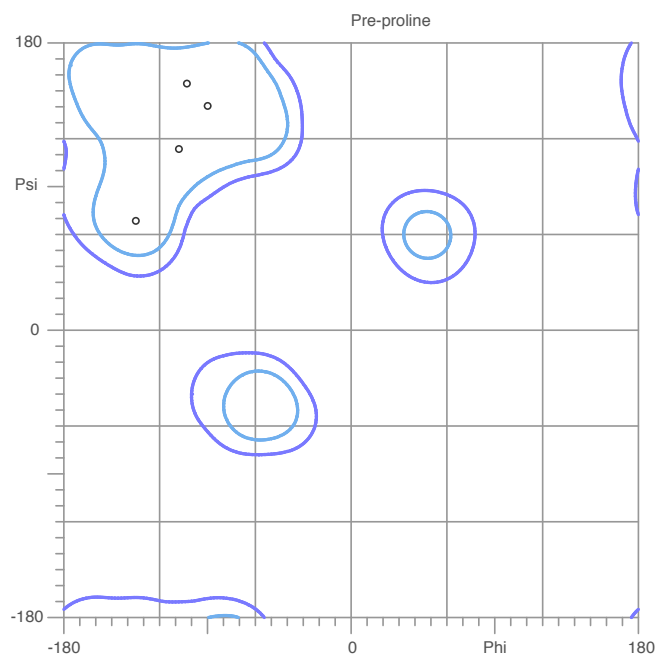
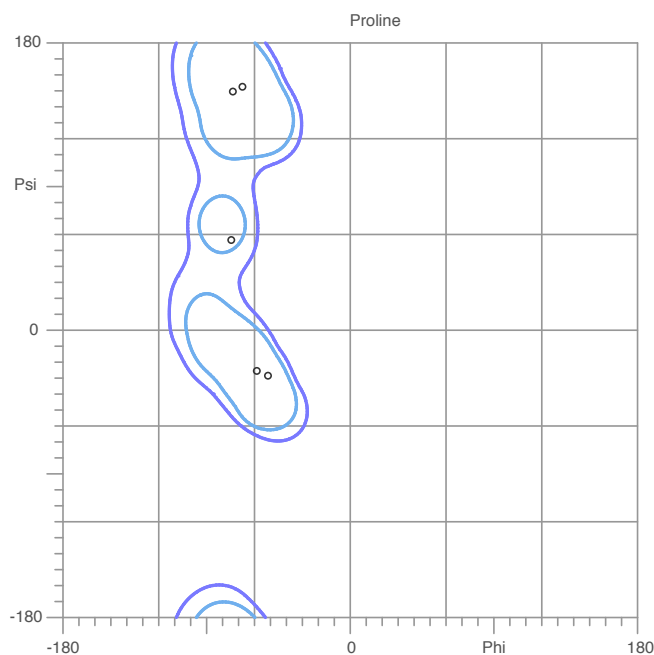
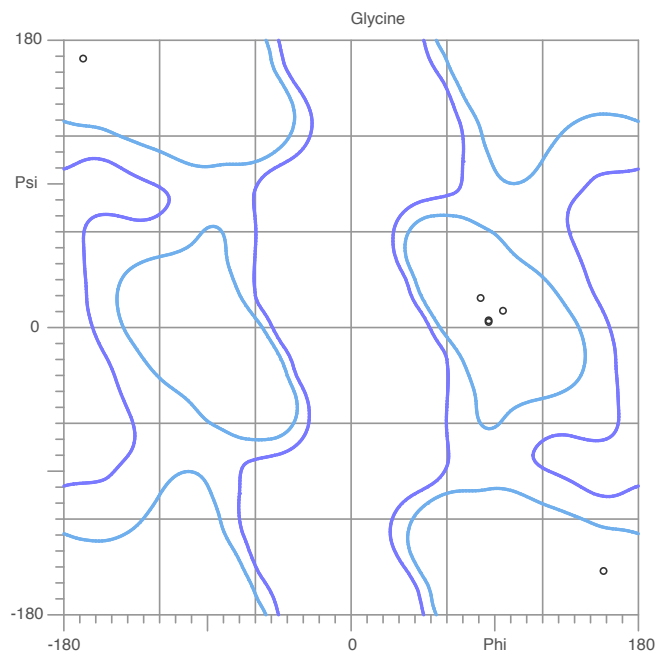
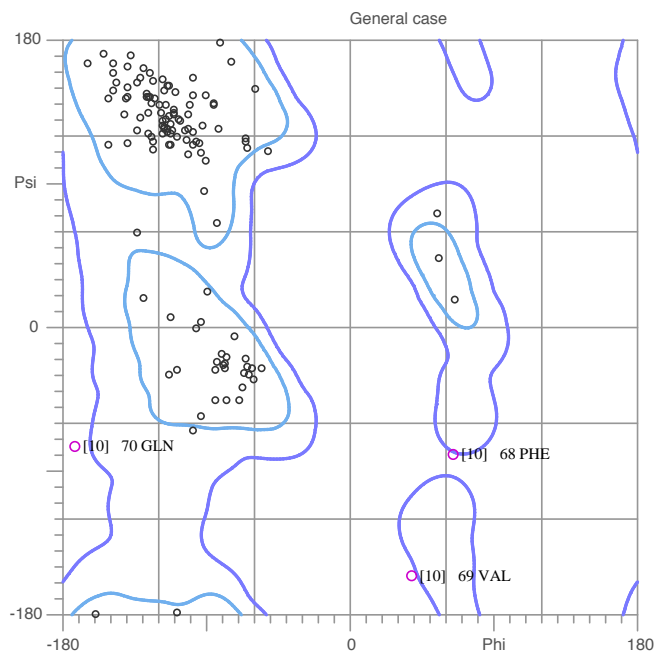


92.9% (131/141) of all residues were in favored (98%) regions.  
99.3% (140/141) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):  
[9] 2 ARG (85.0, 115.0)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 10



95.0% (134/141) of all residues were in favored (98%) regions.  
97.9% (138/141) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

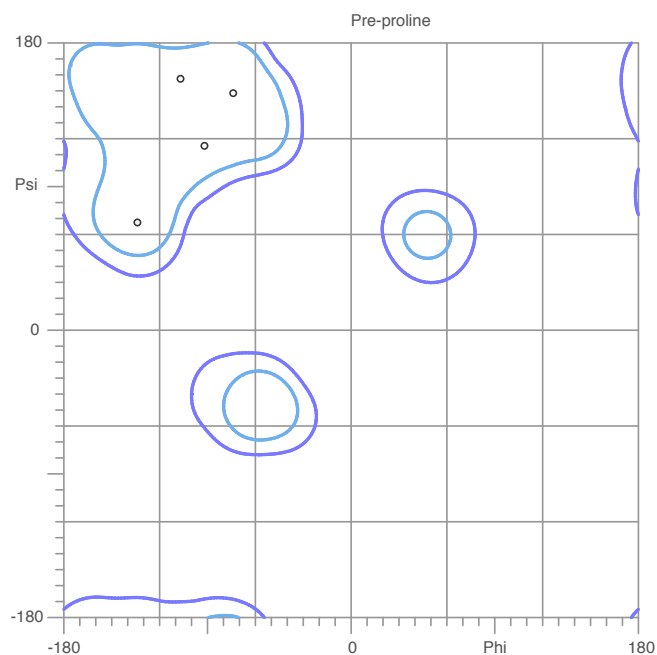
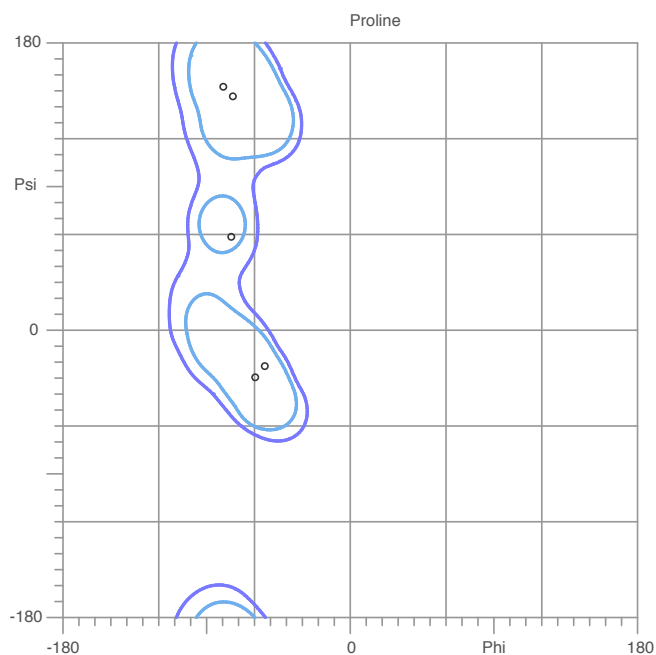
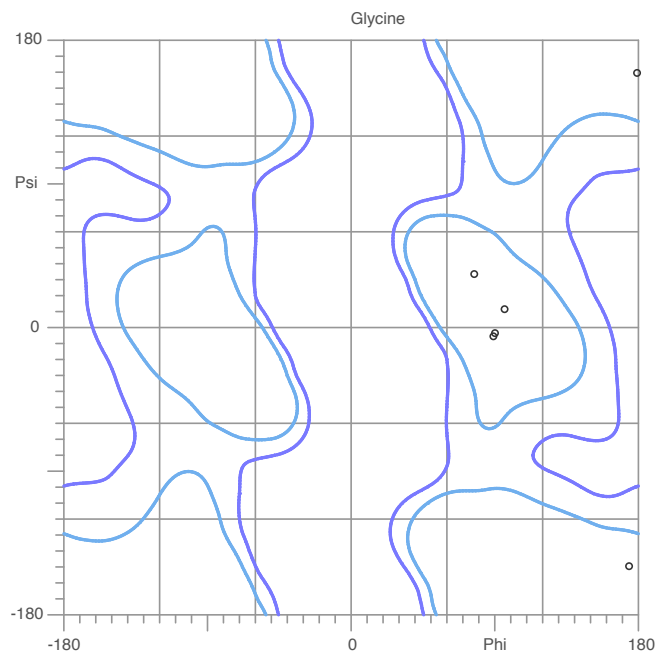
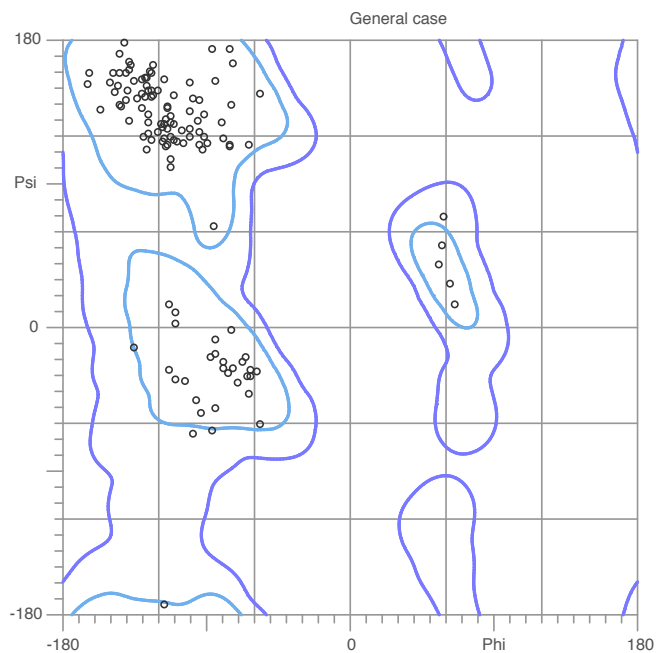
[10] 68 PHE (64.6, -79.5)

[10] 69 VAL (38.9, -155.8)

[10] 70 GLN (-173.3, -75.0)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 11



97.2% (137/141) of all residues were in favored (98%) regions.

100.0% (141/141) of all residues were in allowed (>99.8%) regions.

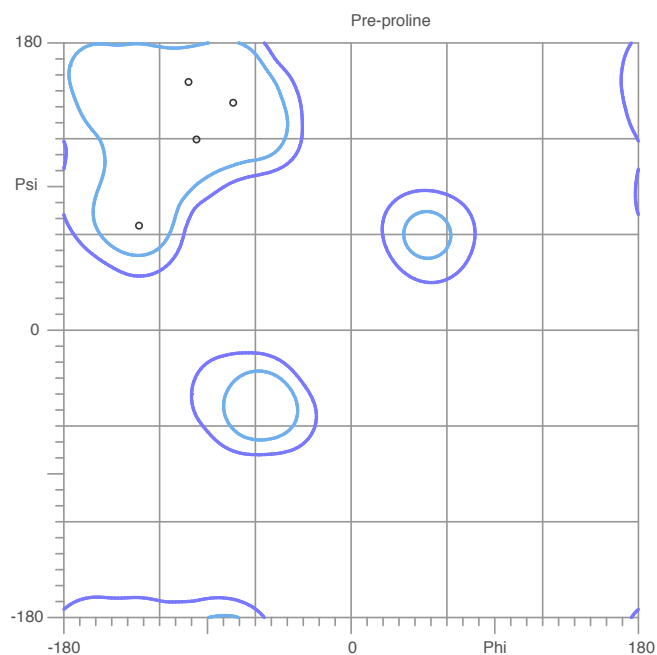
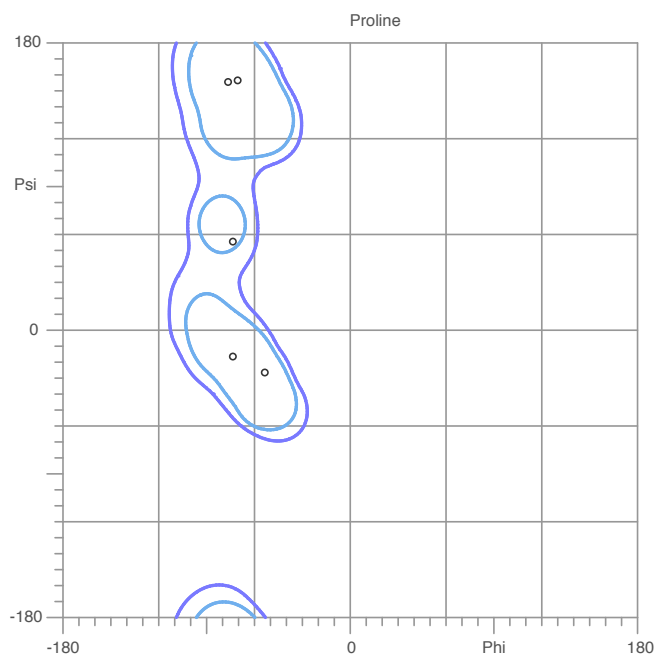
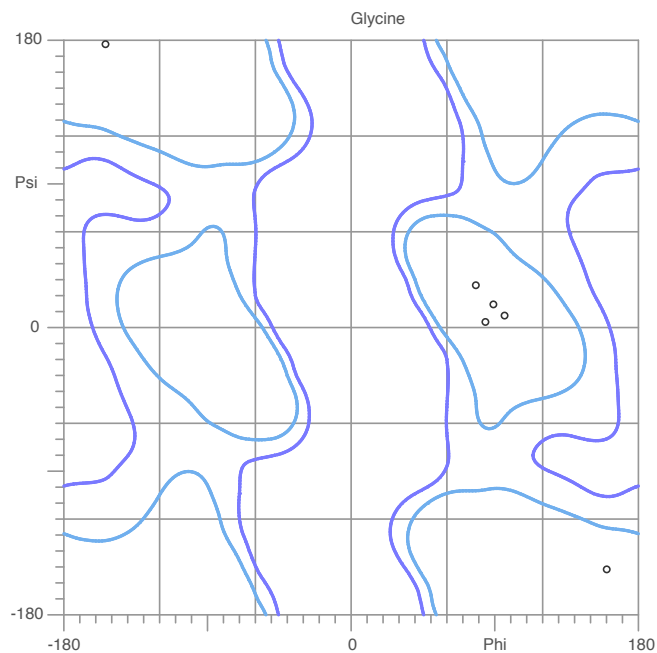
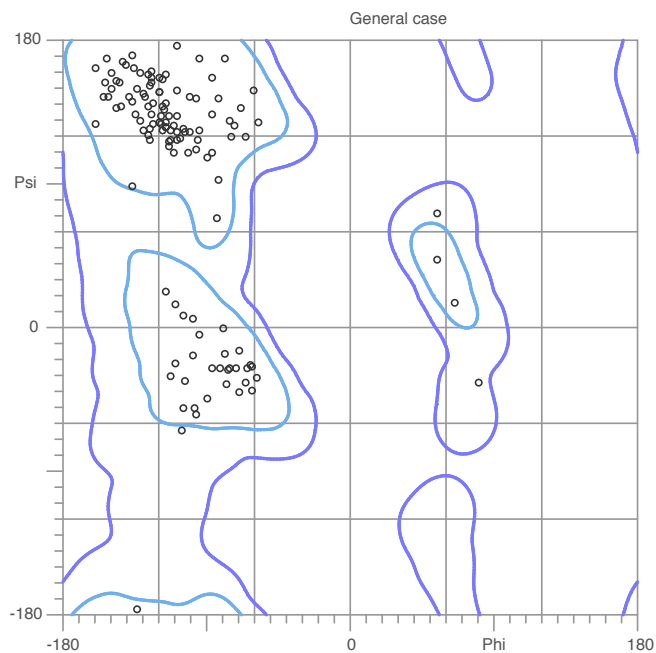
There were no outliers.

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 12



97.9% (138/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

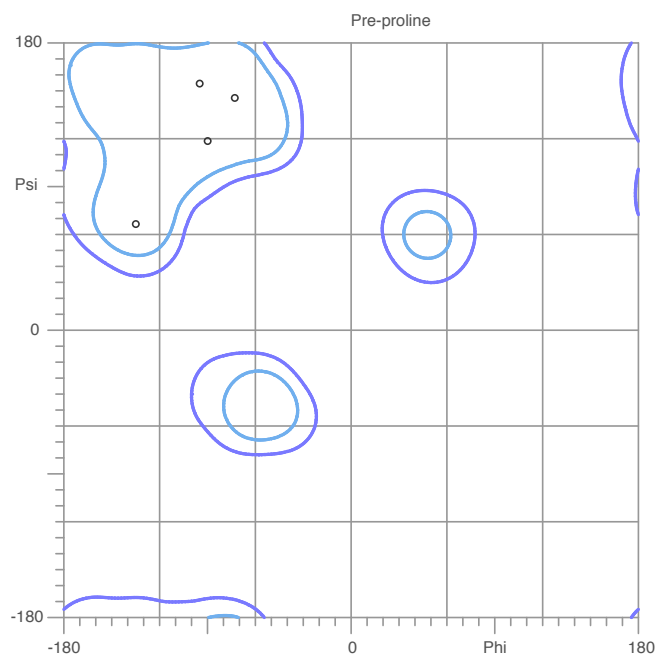
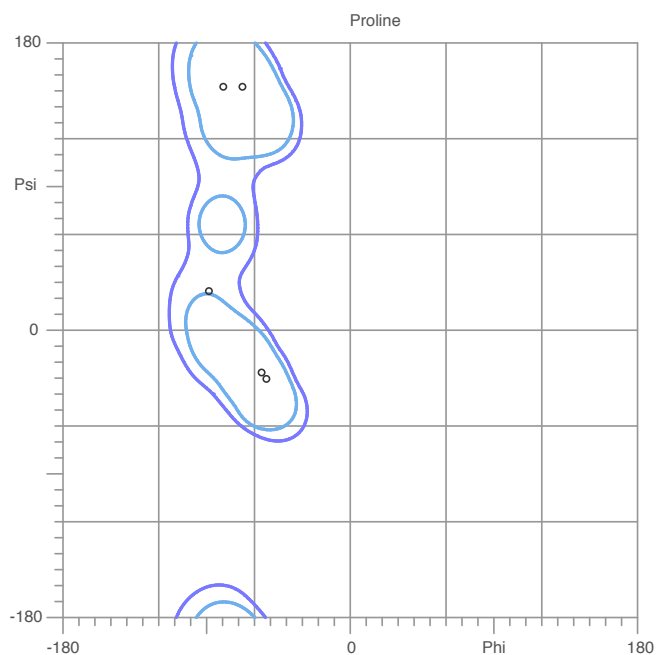
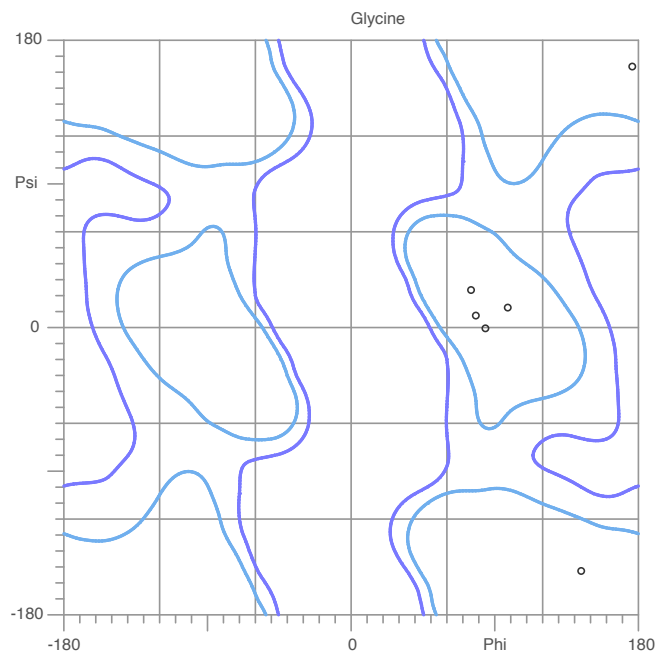
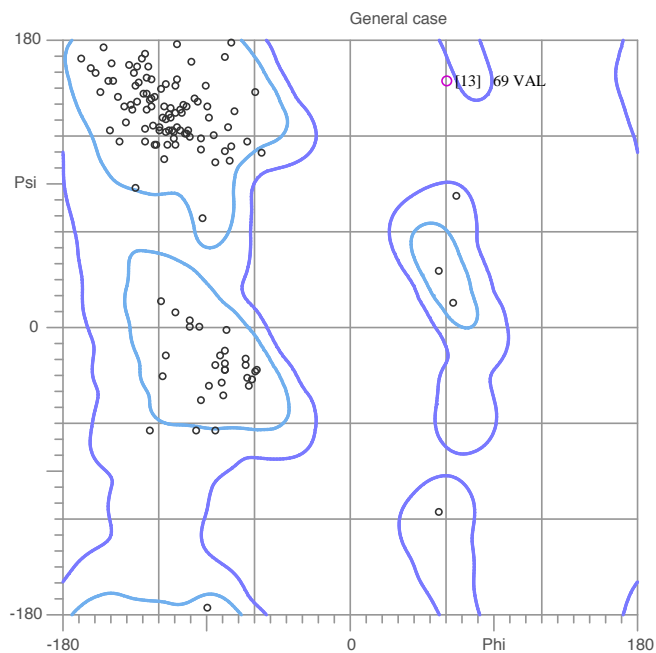
There were no outliers.

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 13



94.3% (133/141) of all residues were in favored (98%) regions.  
99.3% (140/141) of all residues were in allowed (>99.8%) regions.

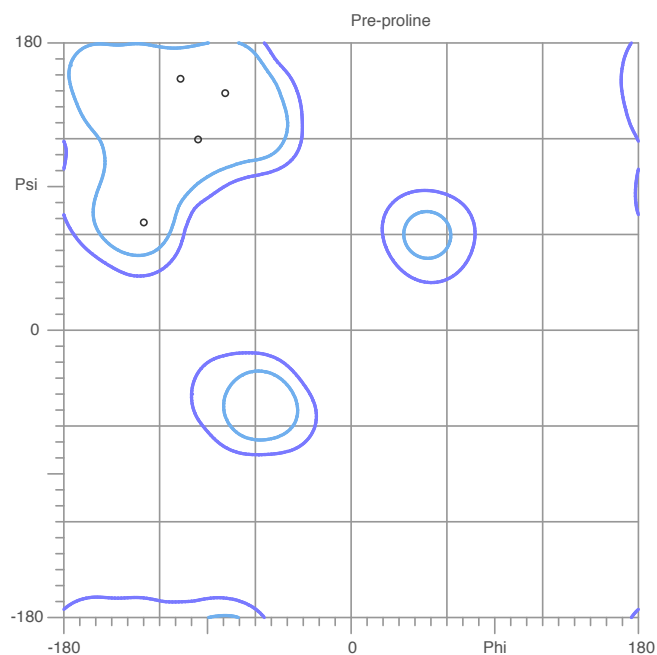
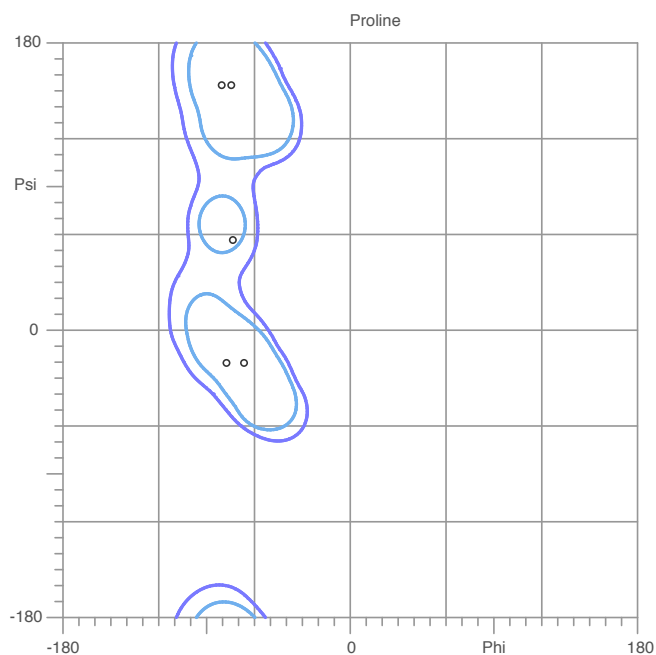
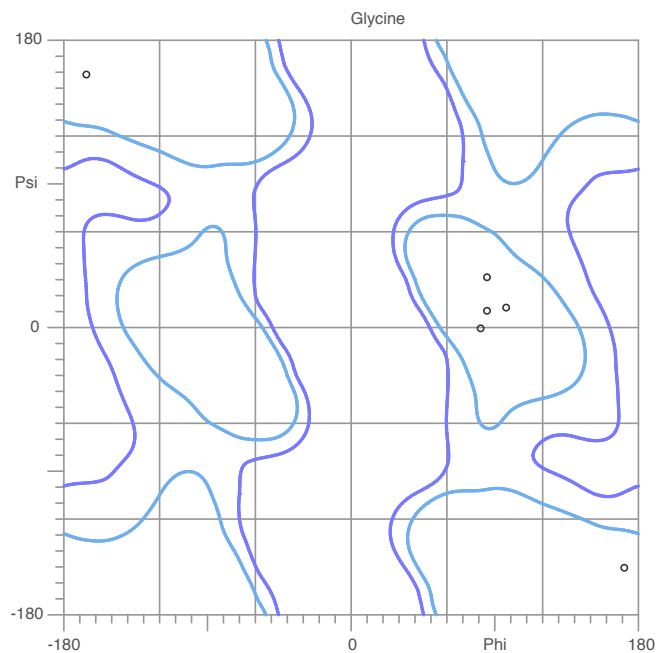
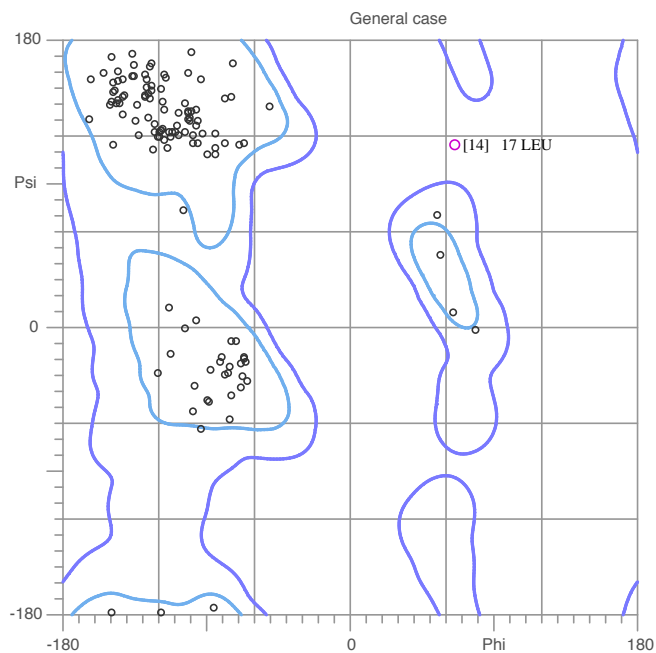
There were 1 outliers (phi, psi):  
[13] 69 VAL (60.2, 155.9)

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 14



96.5% (136/141) of all residues were in favored (98%) regions.  
99.3% (140/141) of all residues were in allowed (>99.8%) regions.

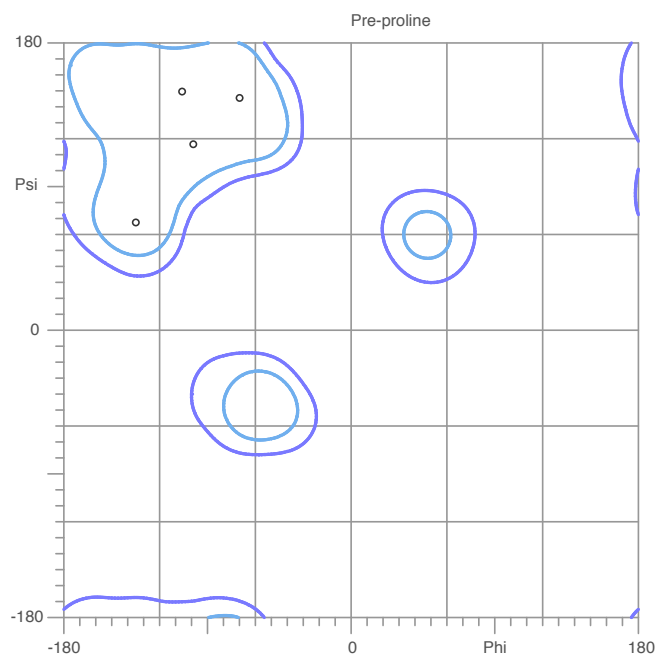
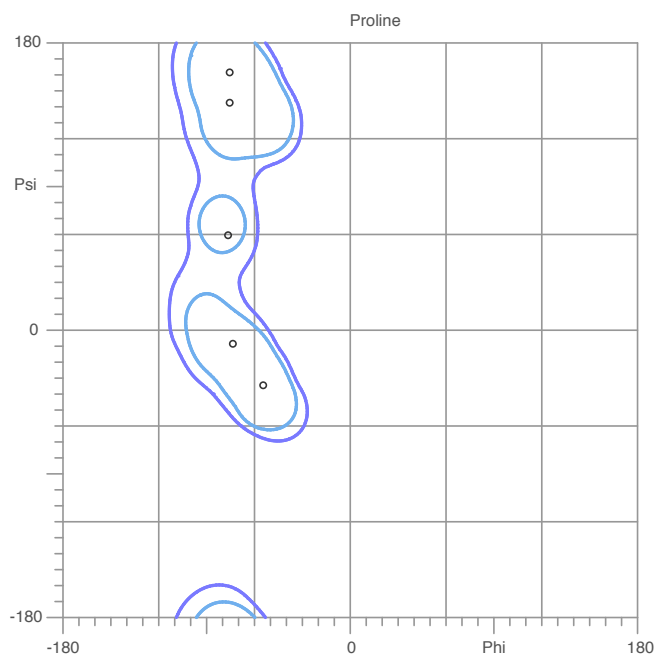
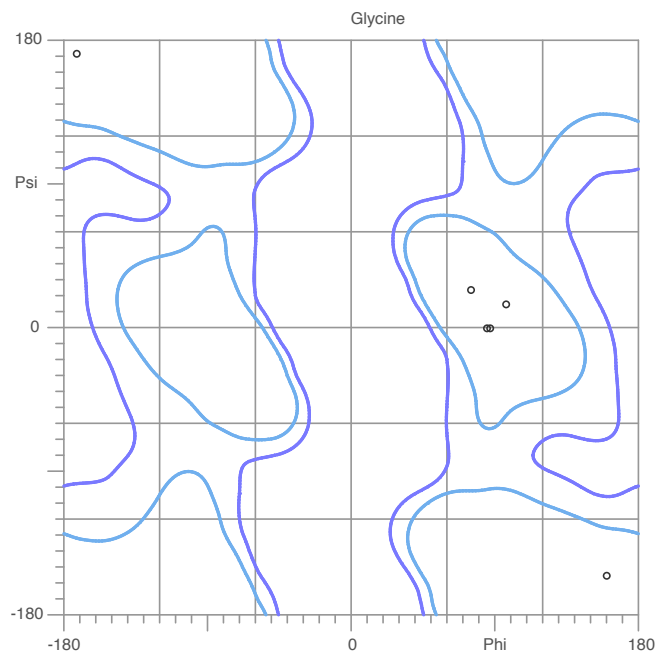
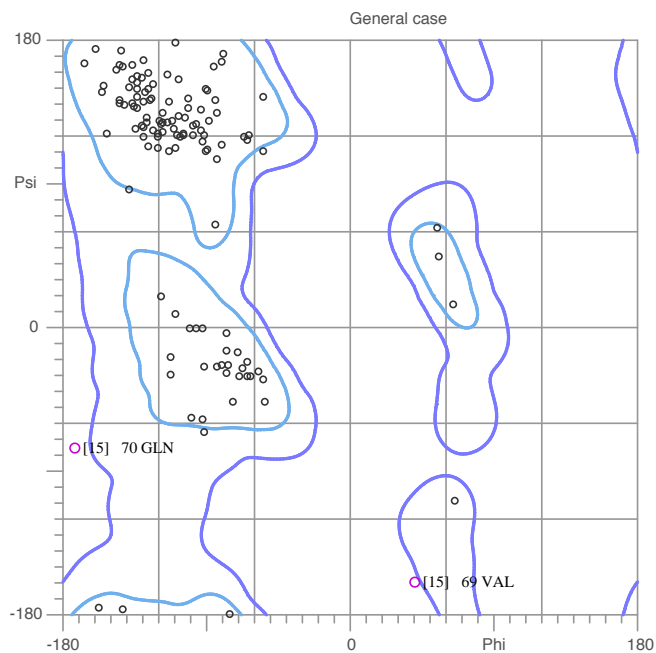
There were 1 outliers (phi, psi):  
[14] 17 LEU (65.1, 115.1)

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 15

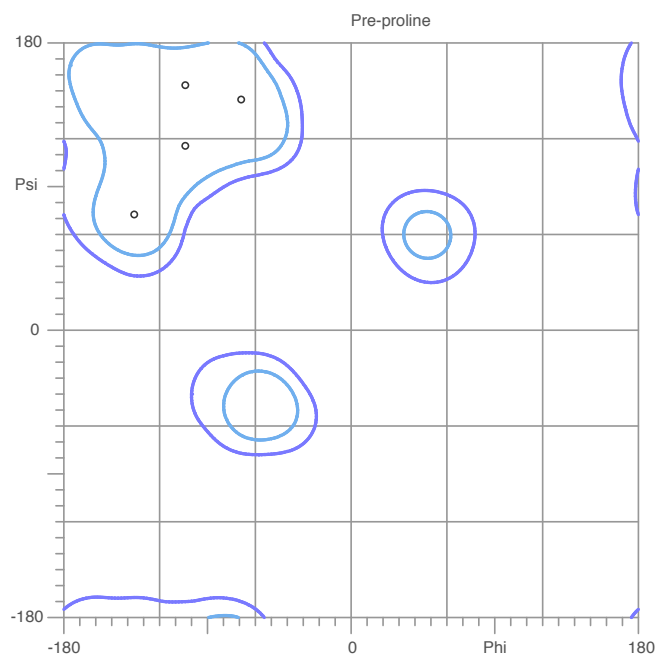
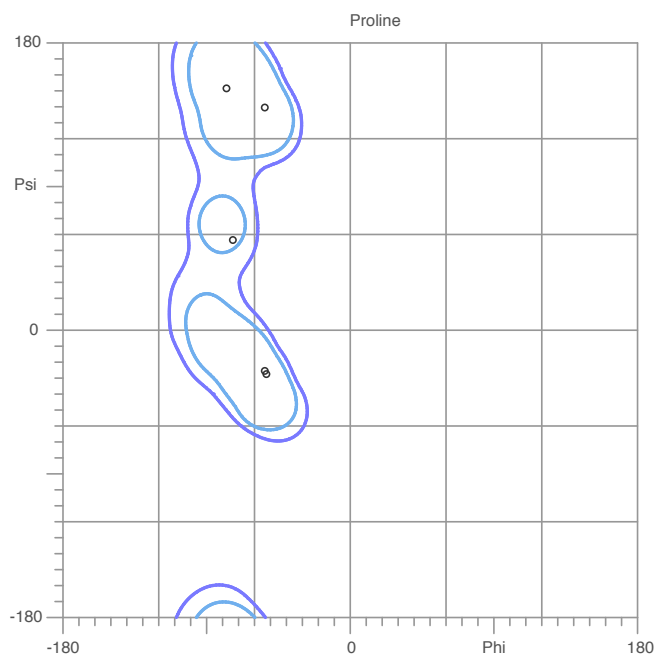
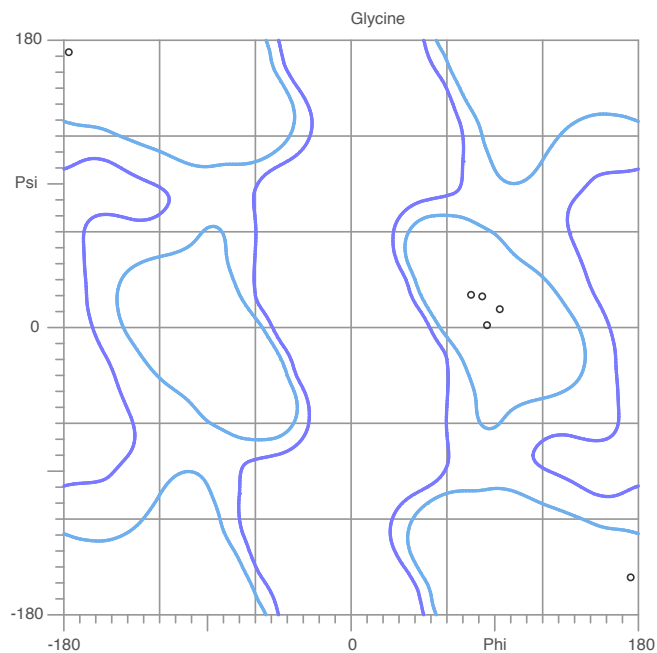
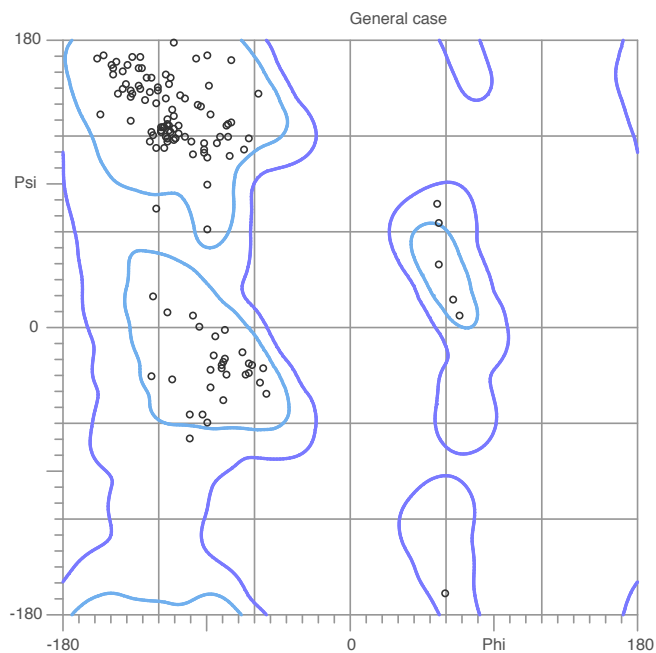


95.7% (135/141) of all residues were in favored (98%) regions.  
98.6% (139/141) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):  
[15] 69 VAL (40.1, -159.8)  
[15] 70 GLN (-173.1, -75.1)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 16



96.5% (136/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

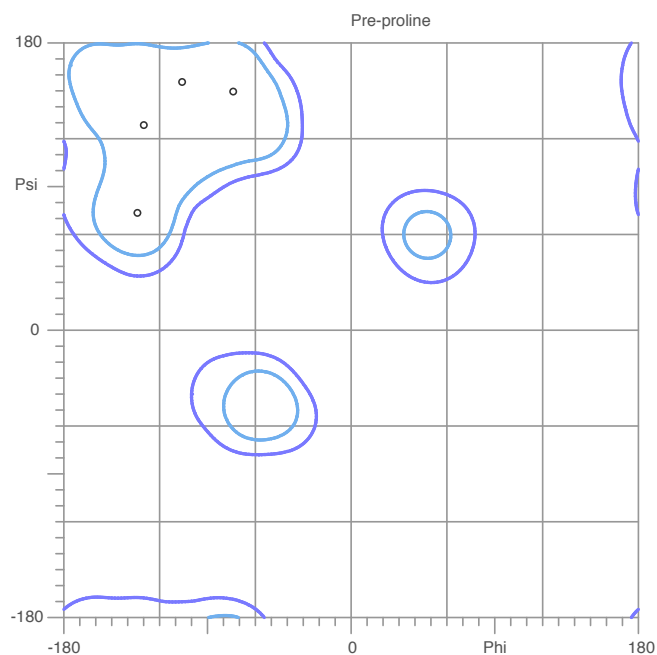
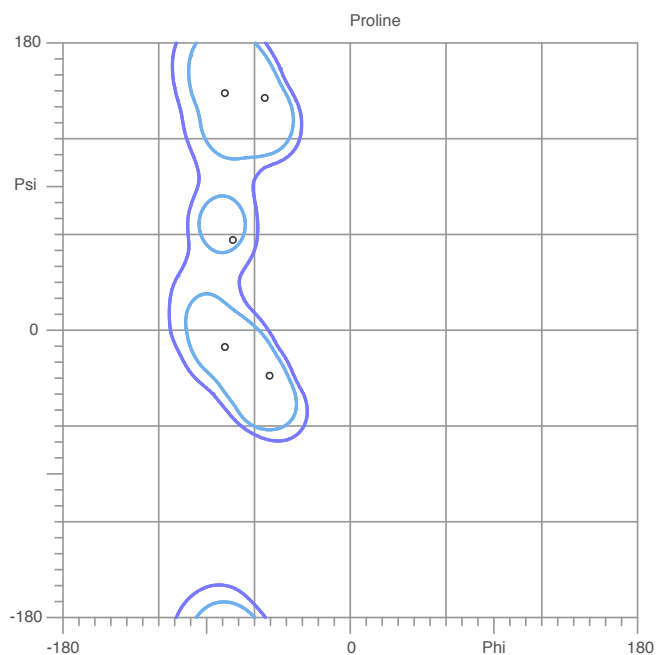
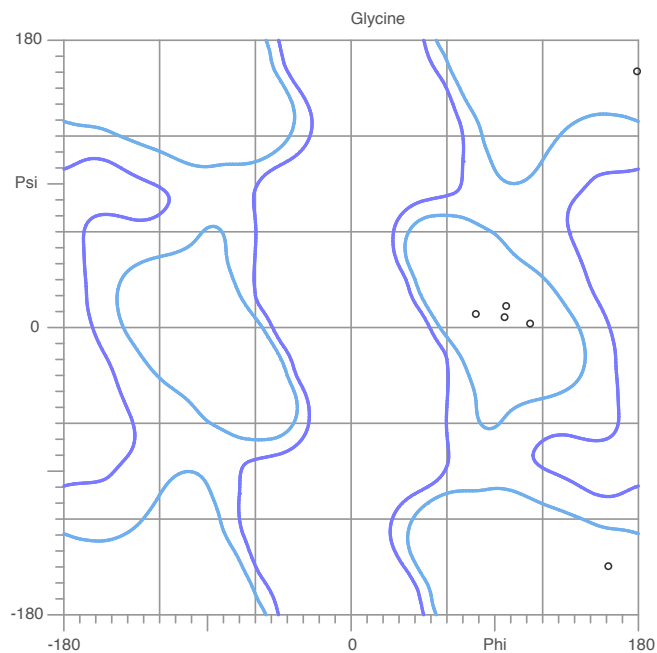
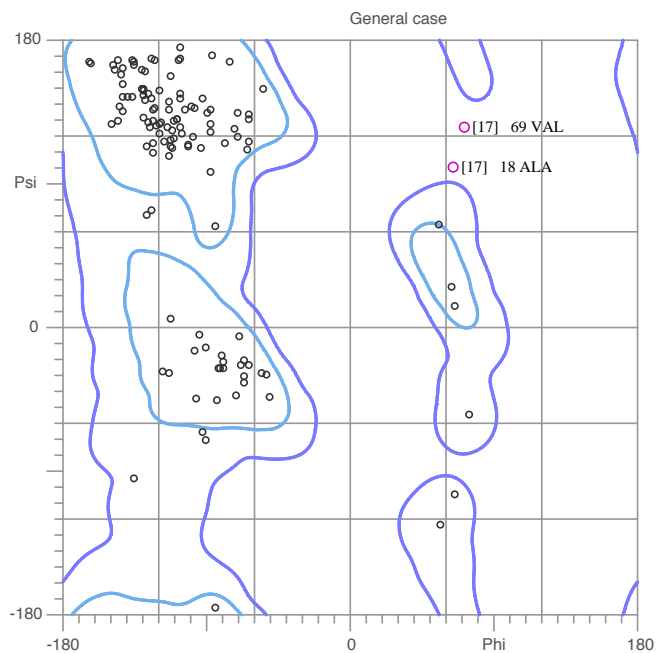
There were no outliers.

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 17

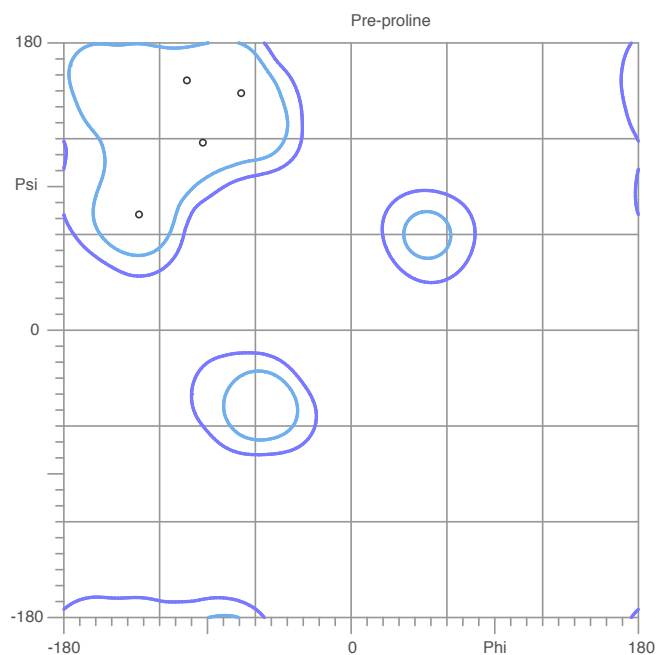
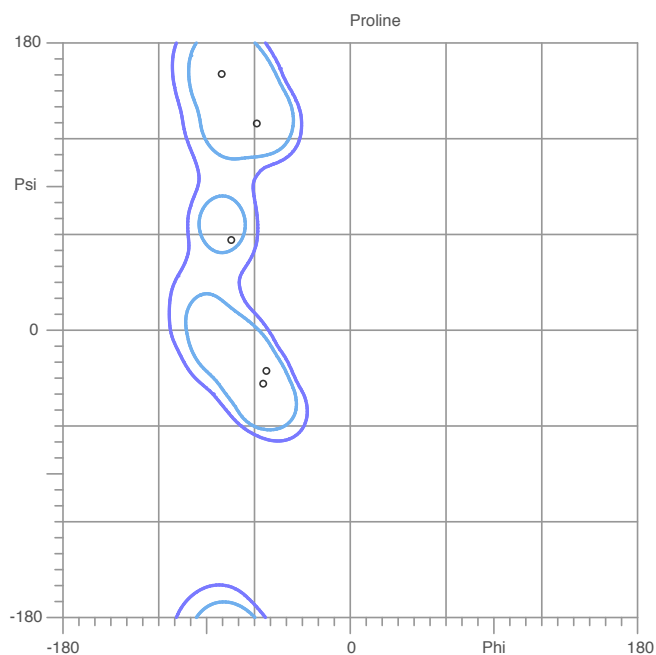
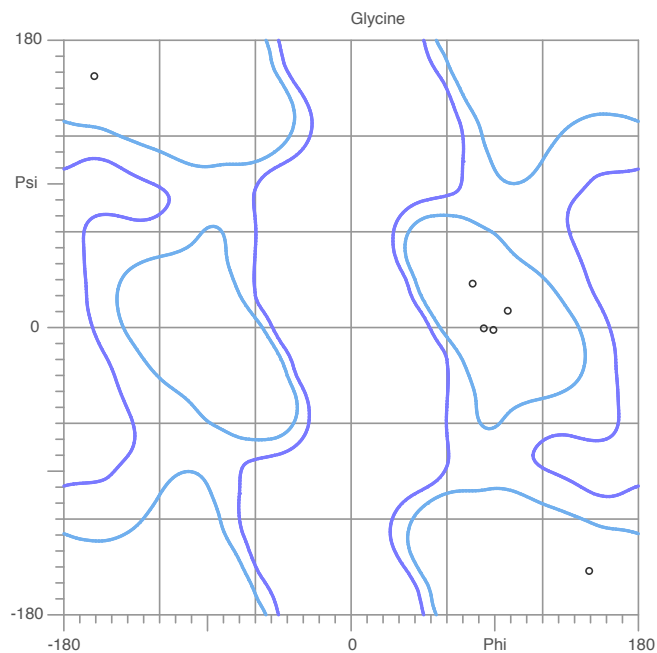
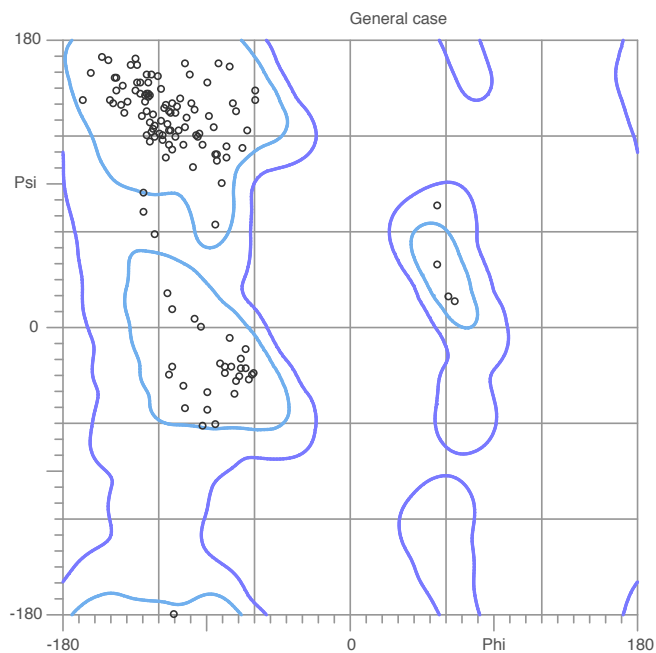


92.2% (130/141) of all residues were in favored (98%) regions.  
98.6% (139/141) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):  
[17] 18 ALA (64.9, 101.3)  
[17] 69 VAL (71.7, 126.9)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 18



97.9% (138/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

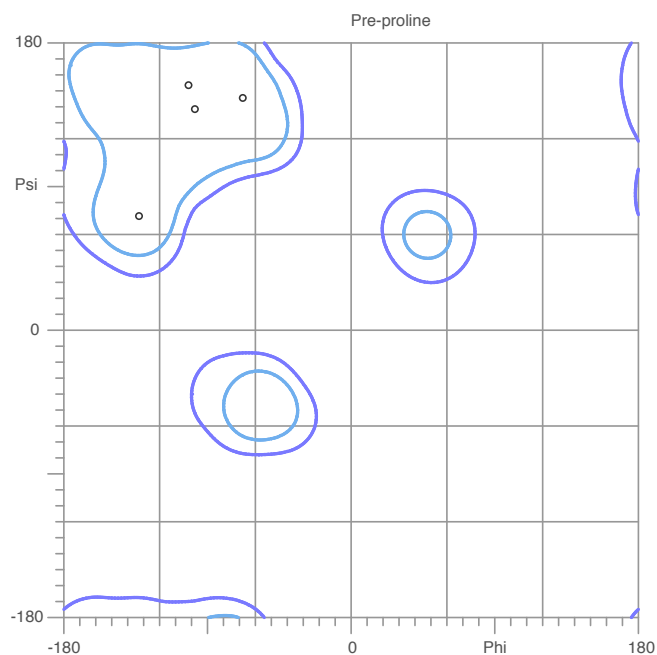
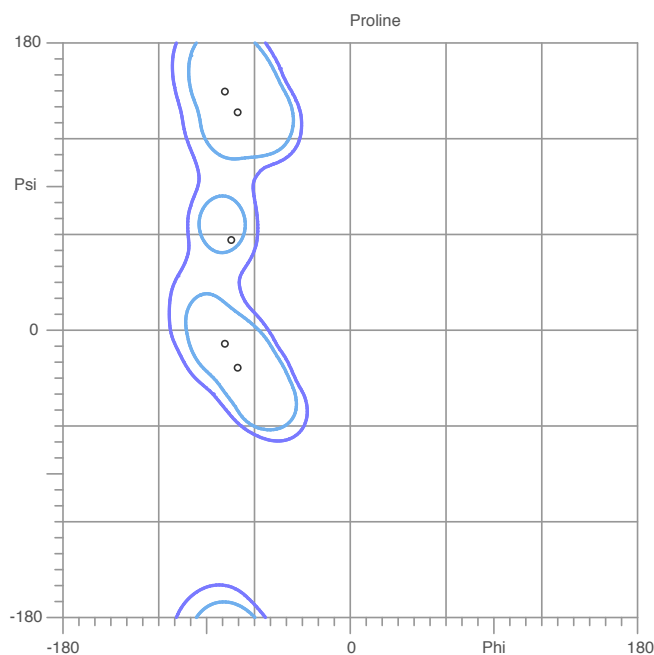
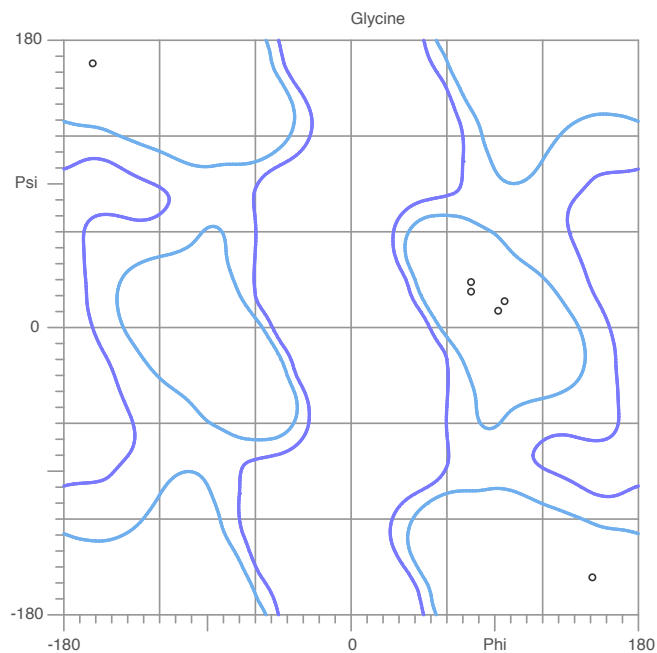
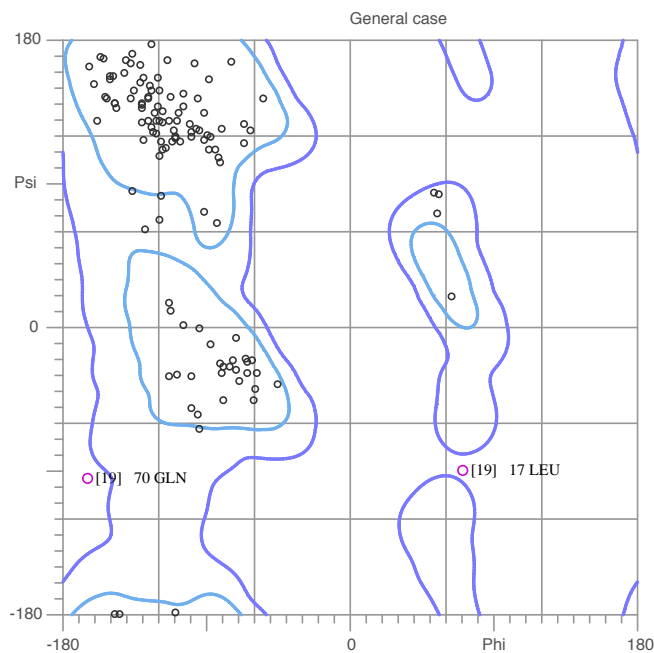
There were no outliers.

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# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 19

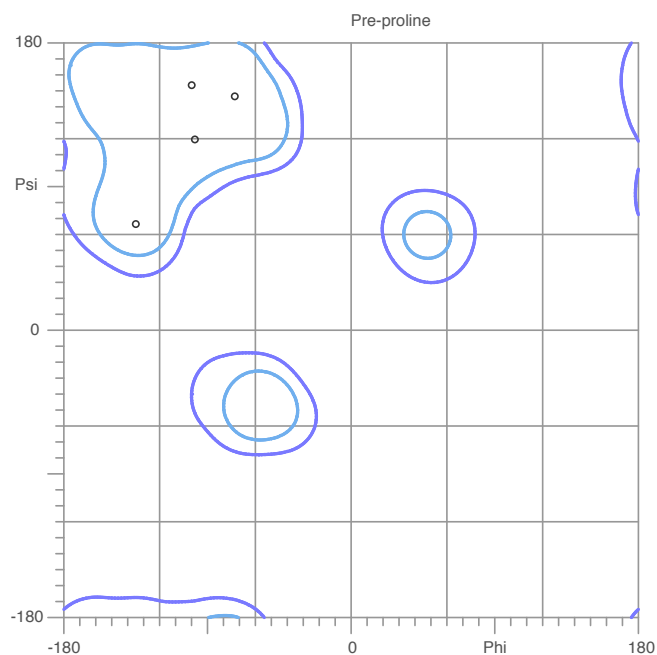
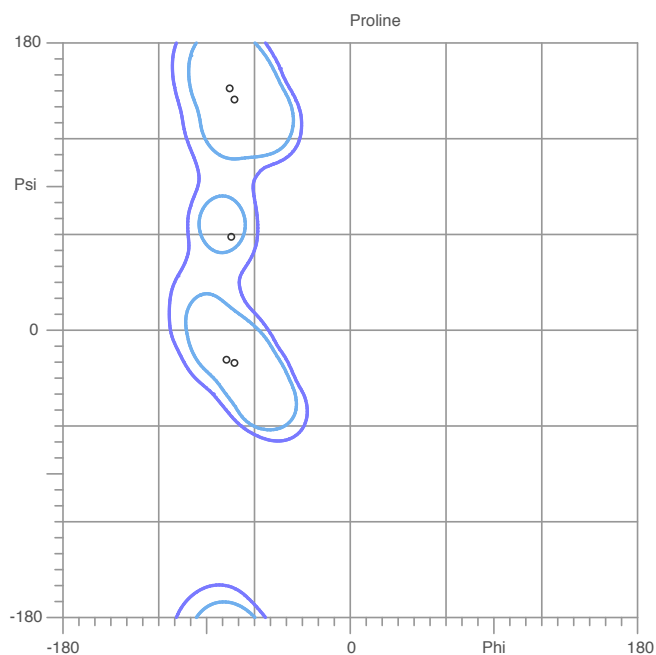
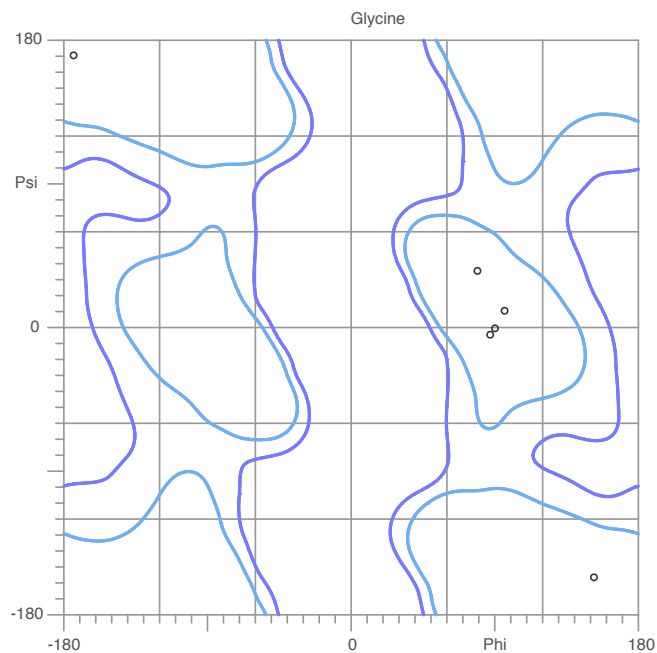
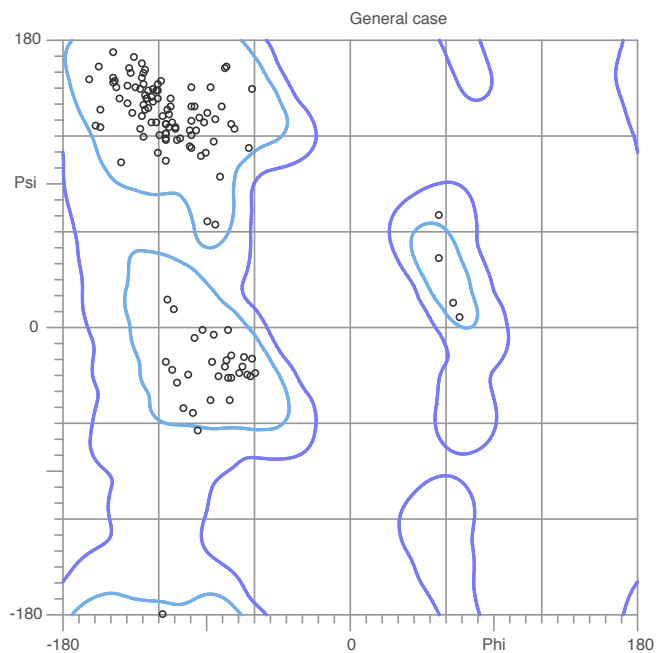


93.6% (132/141) of all residues were in favored (98%) regions.  
98.6% (139/141) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):  
[19] 17 LEU (70.2, -90.0)  
[19] 70 GLN (-165.0, -94.9)

# MolProbity Ramachandran analysis

HR1958\_R3\_em\_bcr3.pdb, model 20



98.6% (139/141) of all residues were in favored (98%) regions.  
100.0% (141/141) of all residues were in allowed (>99.8%) regions.

There were no outliers.

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