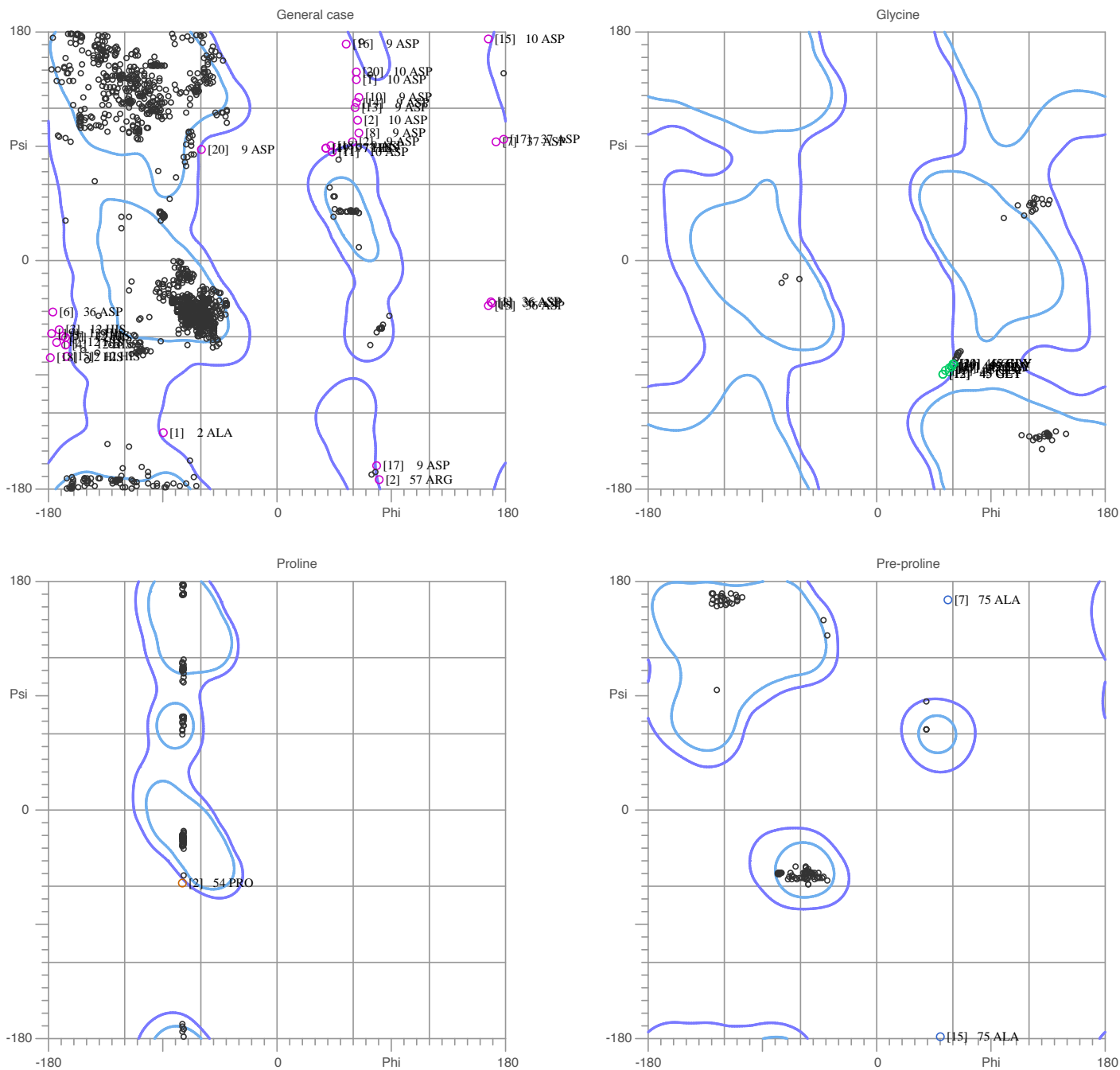


MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, all models



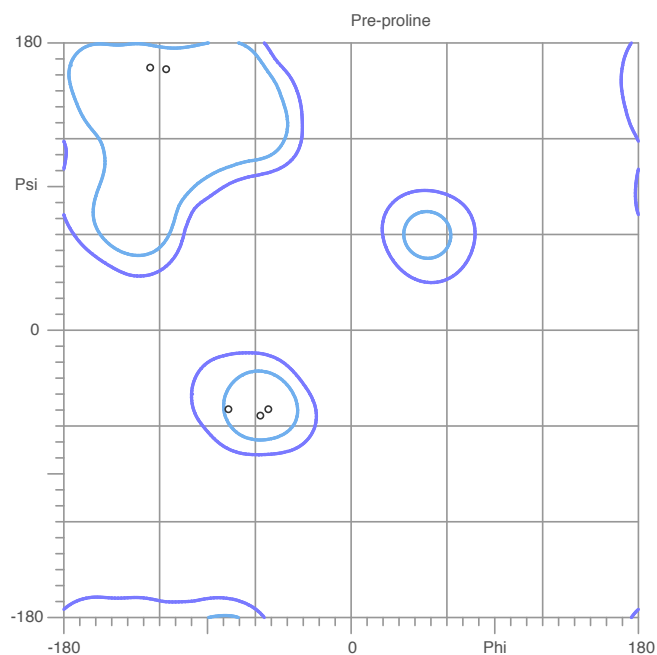
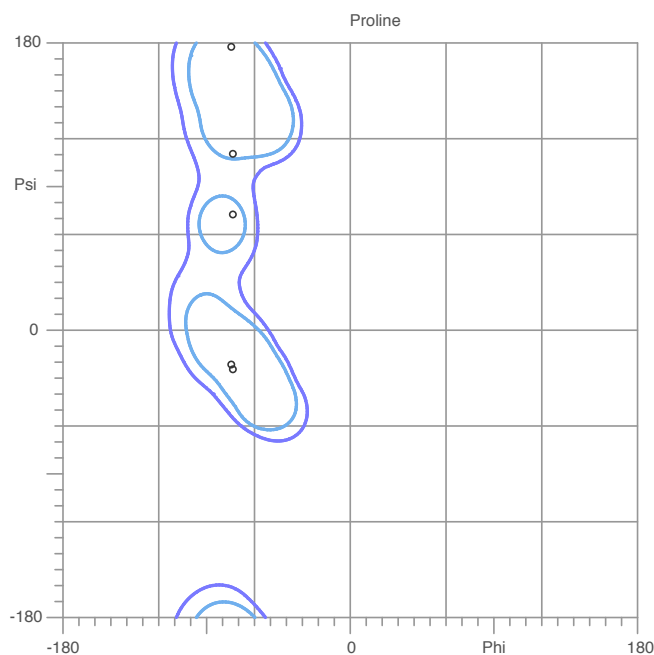
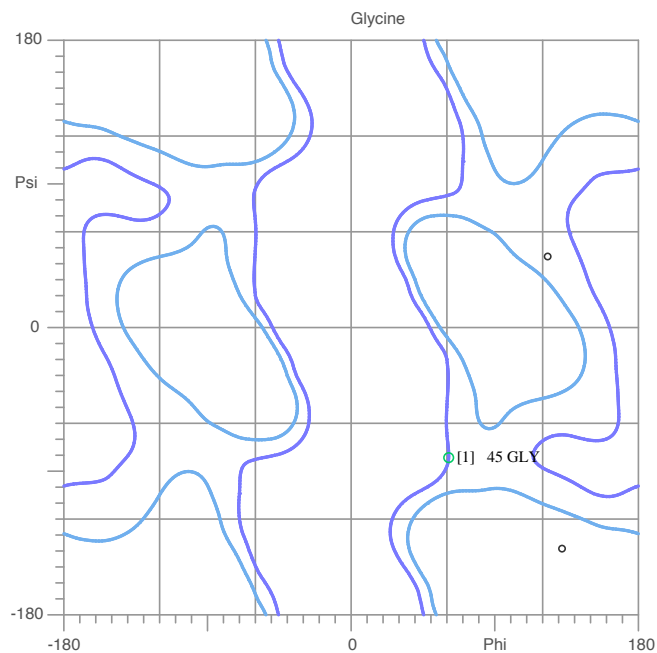
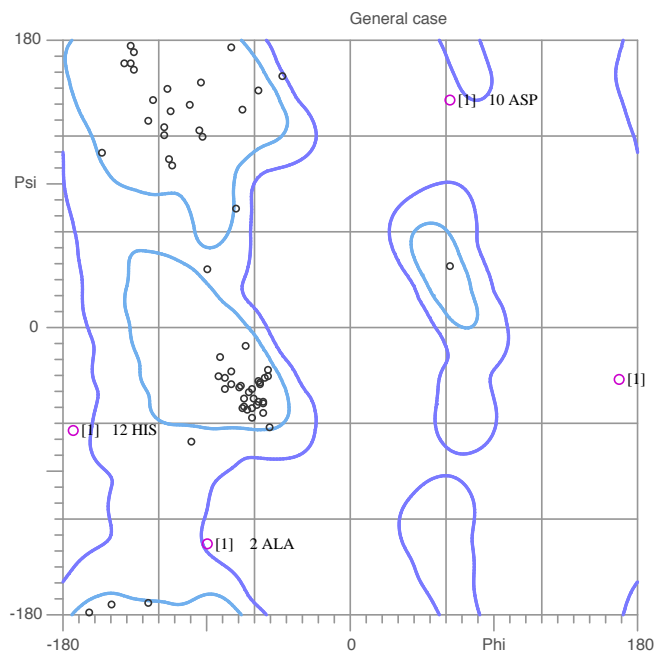
85.9% (1305/1520) of all residues were in favored (98%) regions.
97.0% (1474/1520) of all residues were in allowed (>99.8%) regions.

There were 46 outliers (phi, psi):

- | | |
|----------------------------|-----------------------------|
| [1] 2 ALA (-90.7, -135.2) | [10] 9 ASP (64.3, 129.8) |
| [1] 10 ASP (62.8, 143.5) | [11] 10 ASP (43.8, 86.9) |
| [1] 12 HIS (-174.6, -64.3) | [11] 45 GLY (59.4, -83.8) |
| [1] 36 ASP (169.0, -32.6) | [12] 45 GLY (52.9, -89.1) |
| [1] 45 GLY (61.1, -81.5) | [13] 9 ASP (61.3, 121.4) |
| [2] 9 ASP (59.5, 94.2) | [13] 45 GLY (52.5, -89.1) |
| [2] 10 ASP (63.5, 111.1) | [14] 9 ASP (62.1, 125.9) |
| [2] 54 PRO (-75.0, -57.1) | [14] 45 GLY (60.1, -81.6) |
| [2] 57 ARG (80.6, -172.3) | [15] 10 ASP (166.8, 175.8) |
| [3] 12 HIS (-172.6, -54.8) | [15] 12 HIS (-166.5, -75.2) |
| [3] 45 GLY (60.0, -83.2) | [2] 36 ASP (167.0, -35.1) |
| [4] 12 HIS (-167.7, -66.9) | [15] 45 GLY (54.9, -86.5) |
| [4] 77 HIS (38.5, 89.6) | [15] 75 ALA (50.1, -178.6) |
| [5] 12 HIS (-169.1, -59.1) | [16] 9 ASP (54.0, 171.7) |
| [6] 36 ASP (-177.5, -40.5) | [16] 45 GLY (57.2, -84.0) |
| [7] 12 HIS (-167.2, -60.6) | [17] 9 ASP (78.4, -161.9) |
| [7] 37 ASP (172.5, 94.4) | [17] 37 ASP (178.7, 96.2) |
| [7] 75 ALA (56.1, 166.6) | [18] 9 ASP (42.8, 91.2) |
| [8] 9 ASP (64.2, 101.2) | [18] 12 HIS (-179.6, -76.0) |
| [8] 36 ASP (169.0, -33.5) | [19] 12 HIS (-178.6, -57.4) |
| [9] 45 GLY (57.5, -87.1) | [19] 45 GLY (59.6, -83.7) |
| | [19] 77 HIS (38.5, 89.9) |
| | [20] 9 ASP (-60.8, 88.3) |
| | [20] 10 ASP (62.2, 149.0) |
| | [20] 45 GLY (60.0, -81.3) |

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 1



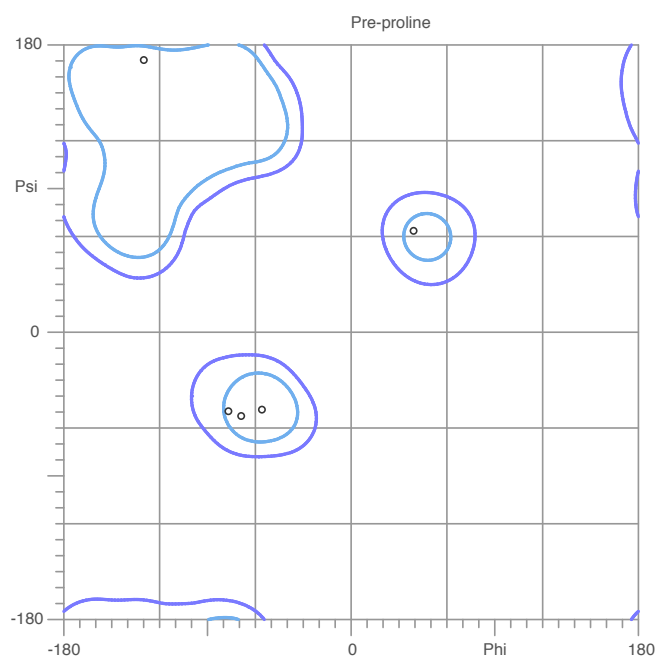
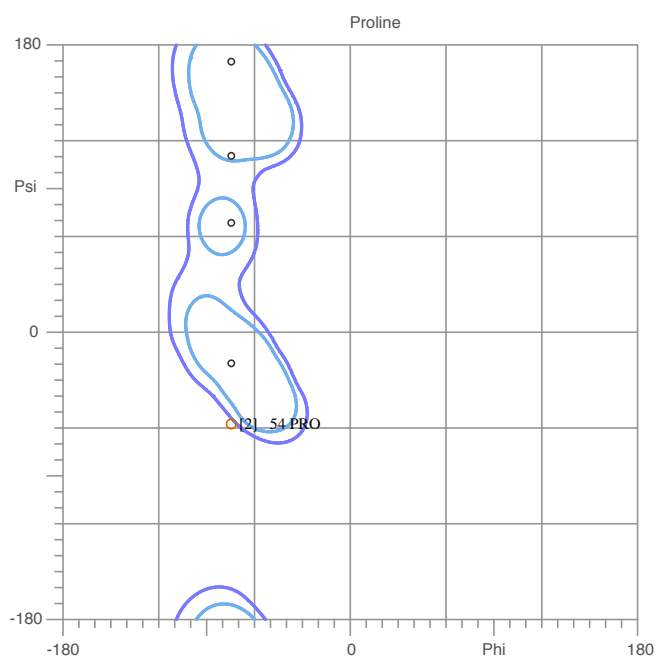
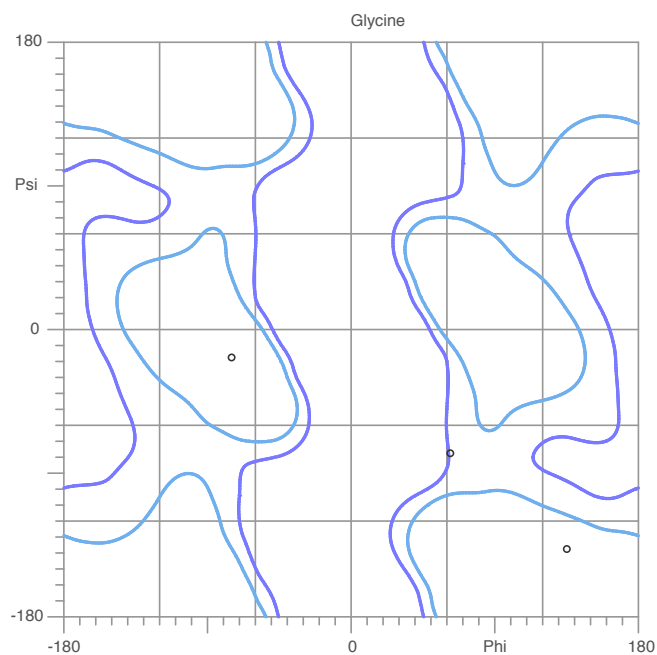
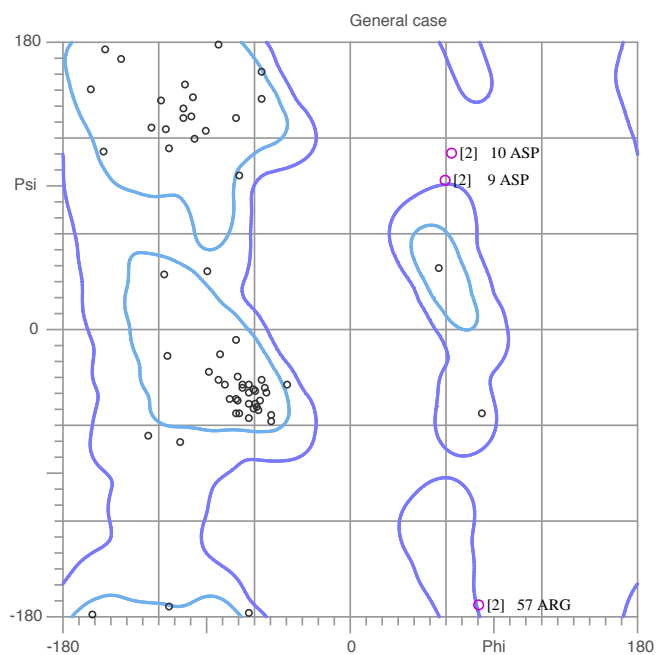
86.8% (66/76) of all residues were in favored (98%) regions.
93.4% (71/76) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):

- [1] 2 ALA (-90.7, -135.2)
- [1] 10 ASP (62.8, 143.5)
- [1] 12 HIS (-174.6, -64.3)
- [1] 36 ASP (169.0, -32.6)
- [1] 45 GLY (61.1, -81.5)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 2



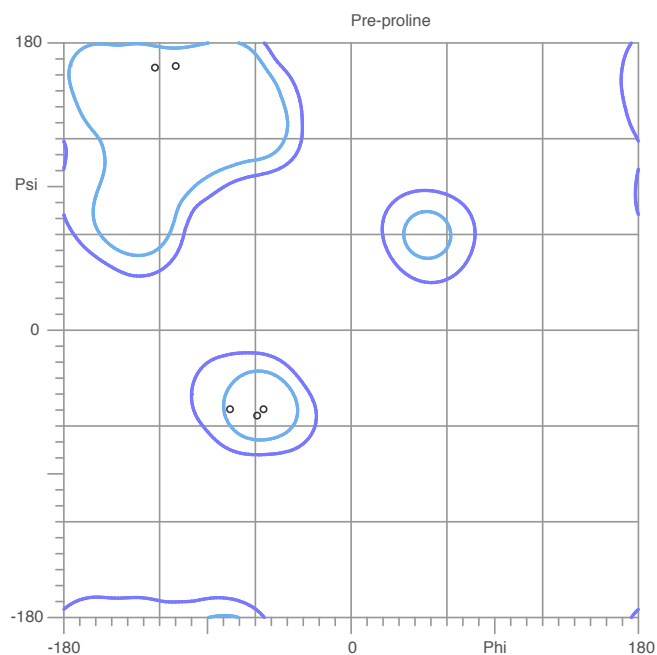
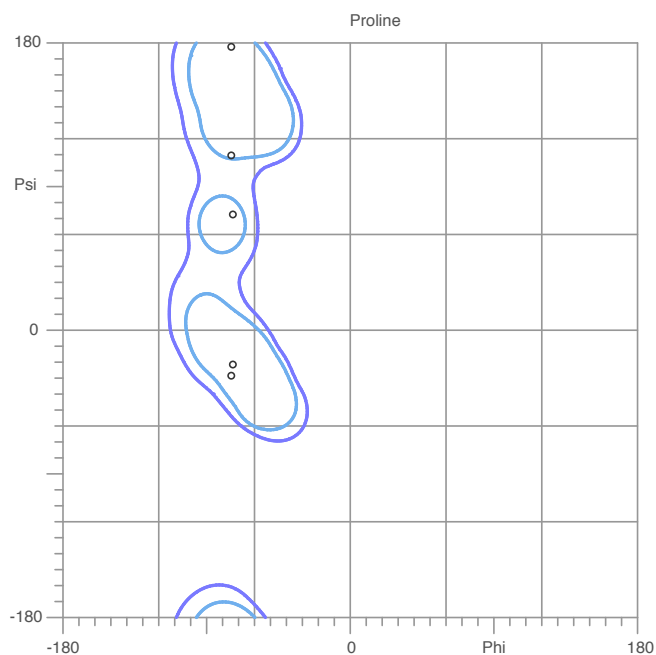
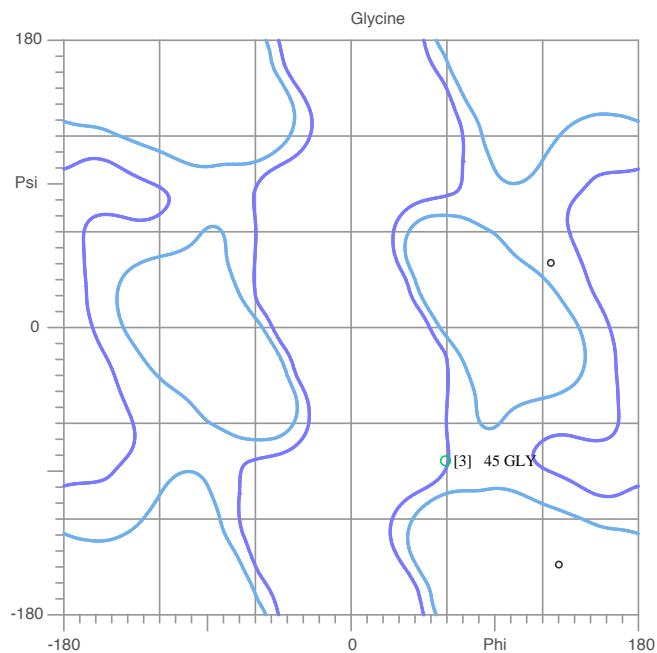
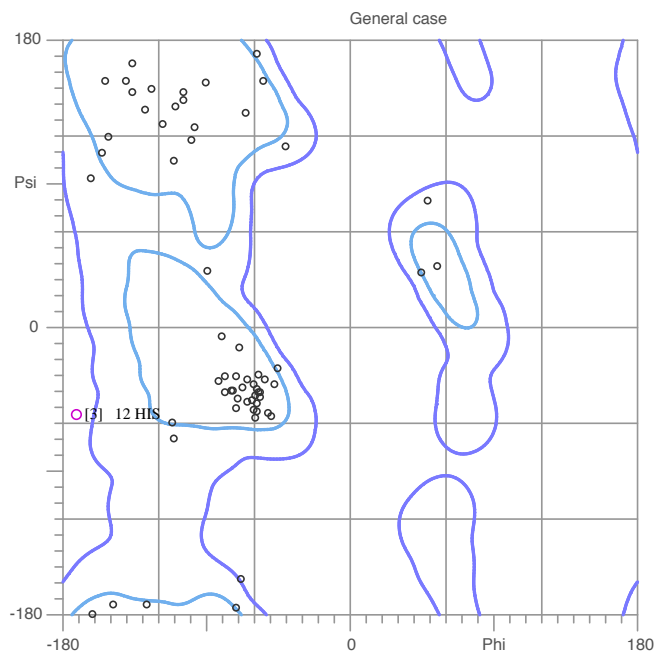
84.2% (64/76) of all residues were in favored (98%) regions.
94.7% (72/76) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

- [2] 9 ASP (59.5, 94.2)
- [2] 10 ASP (63.5, 111.1)
- [2] 54 PRO (-75.0, -57.1)
- [2] 57 ARG (80.6, -172.3)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 3



84.2% (64/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

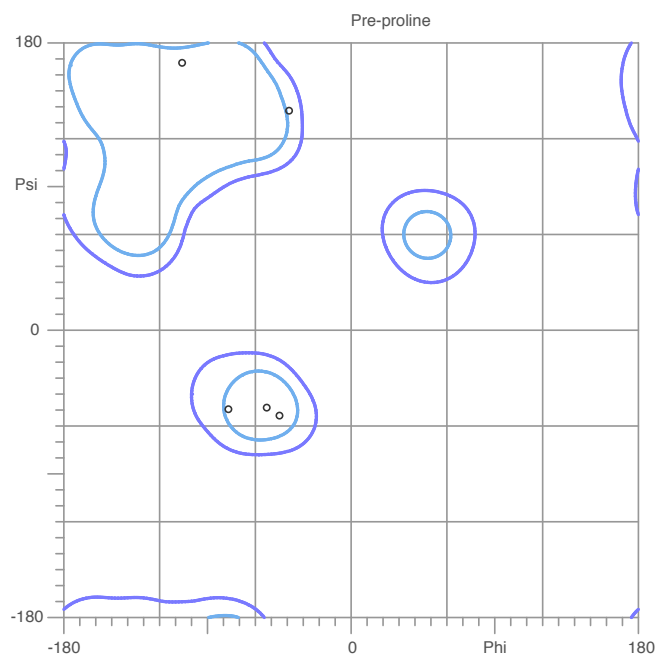
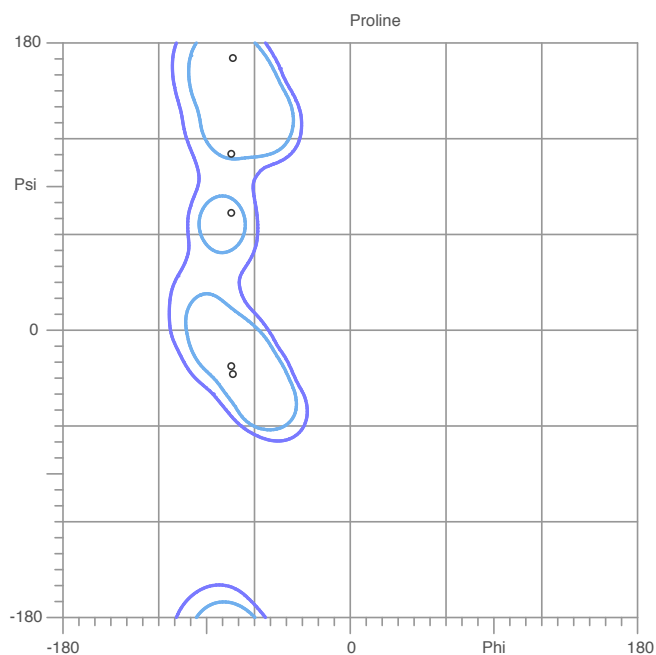
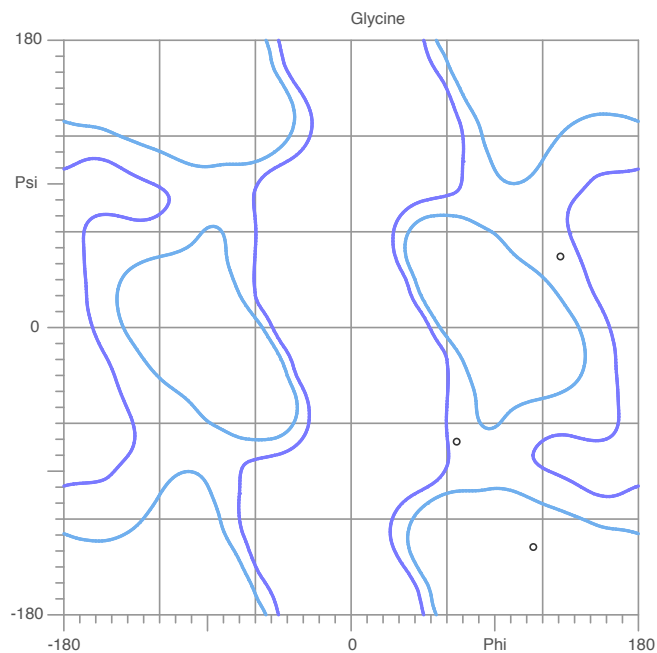
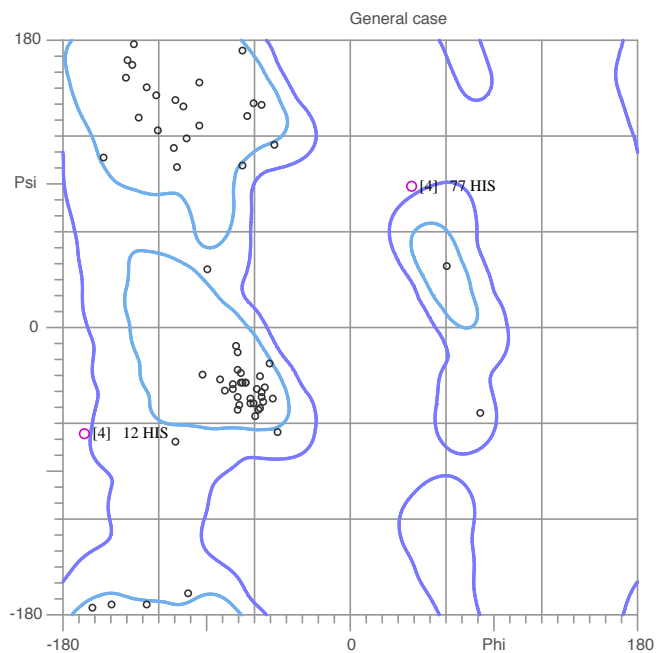
There were 2 outliers (phi, psi):

[3] 12 HIS (-172.6, -54.8)

[3] 45 GLY (60.0, -83.2)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 4



84.2% (64/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

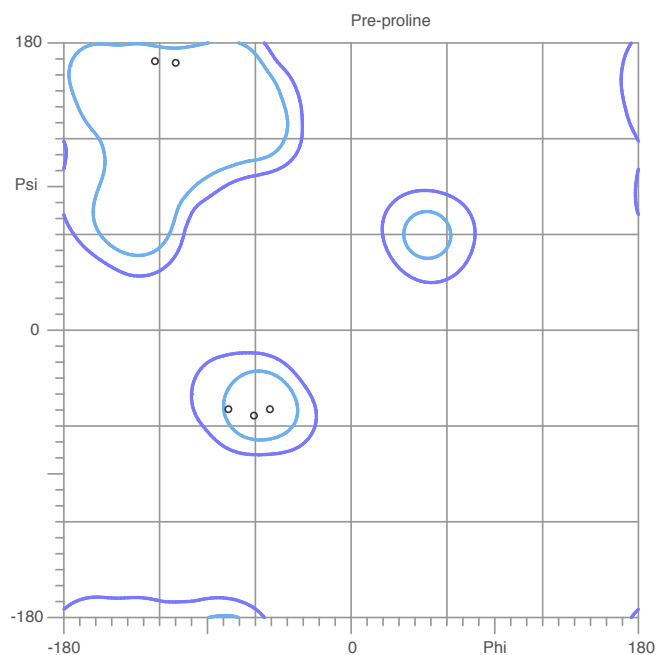
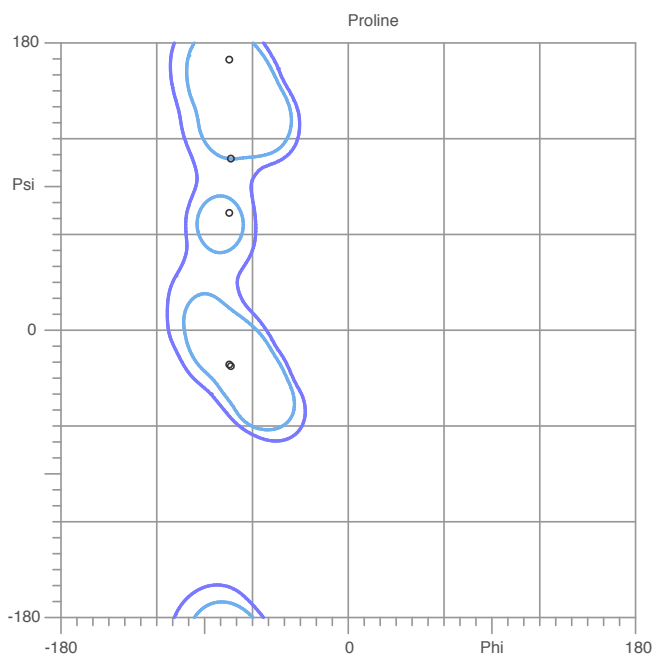
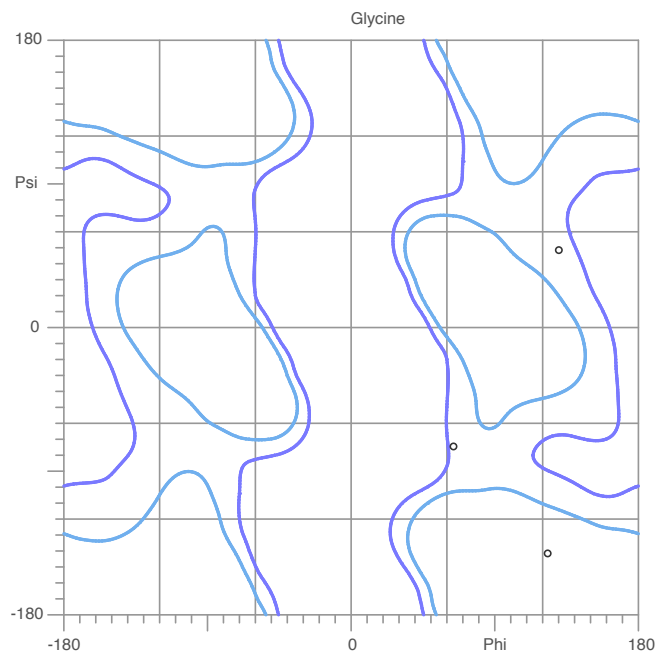
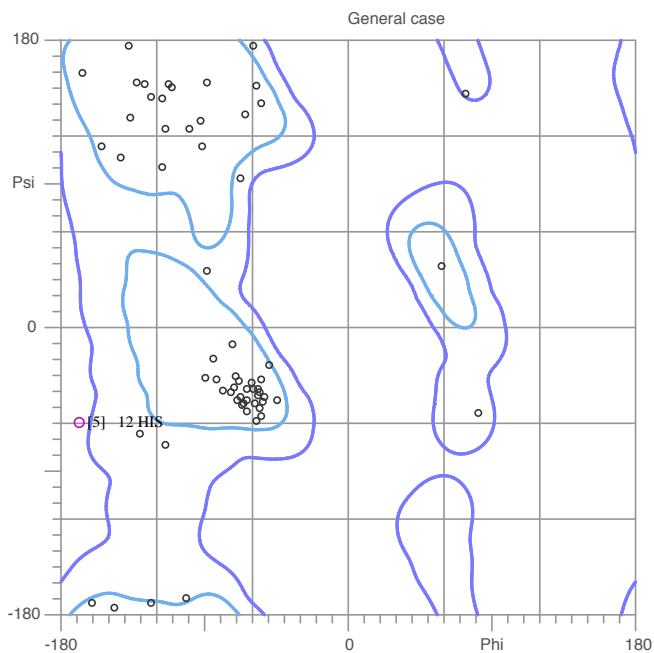
There were 2 outliers (phi, psi):

[4] 12 HIS (-167.7, -66.9)

[4] 77 HIS (38.5, 89.6)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 5

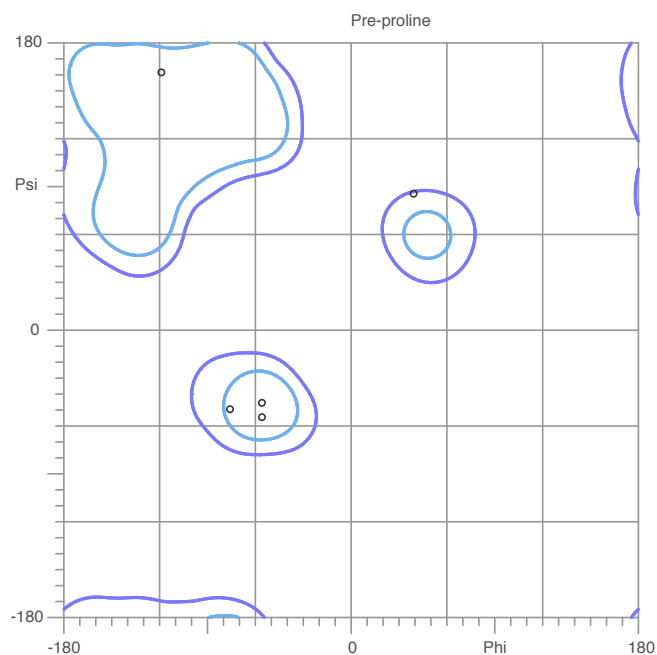
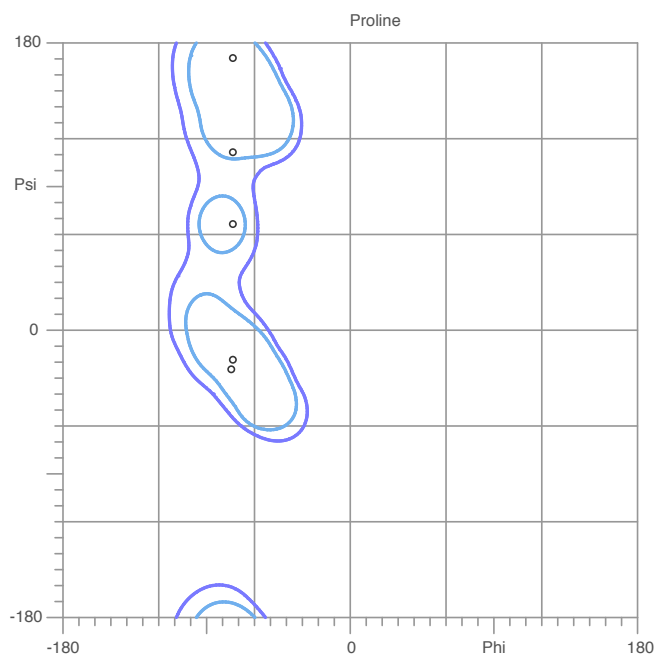
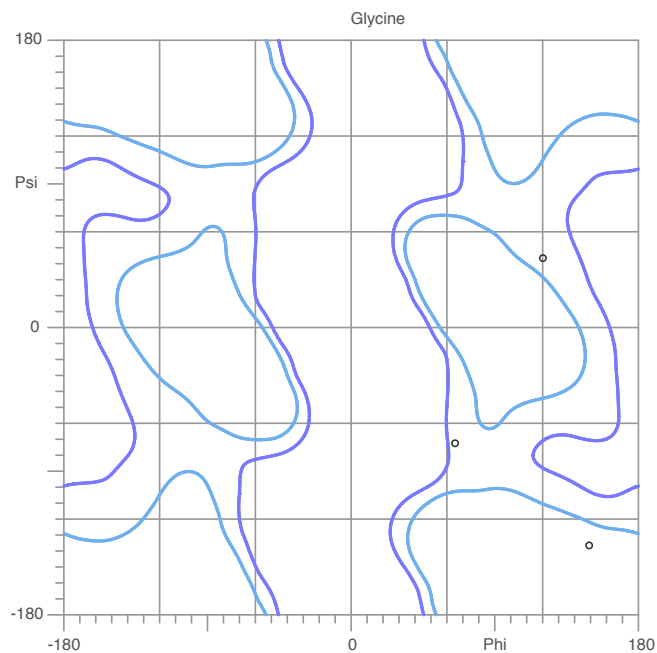
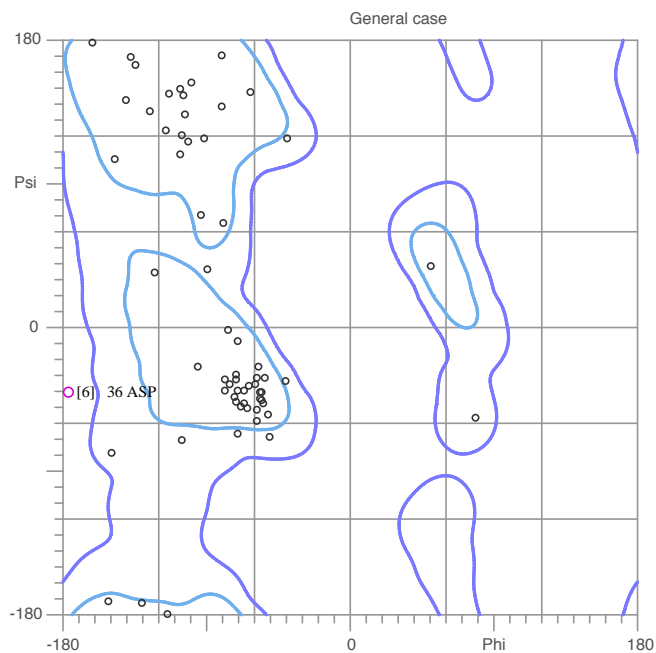


85.5% (65/76) of all residues were in favored (98%) regions.
98.7% (75/76) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[5] 12 HIS (-169.1, -59.1)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 6



84.2% (64/76) of all residues were in favored (98%) regions.
98.7% (75/76) of all residues were in allowed (>99.8%) regions.

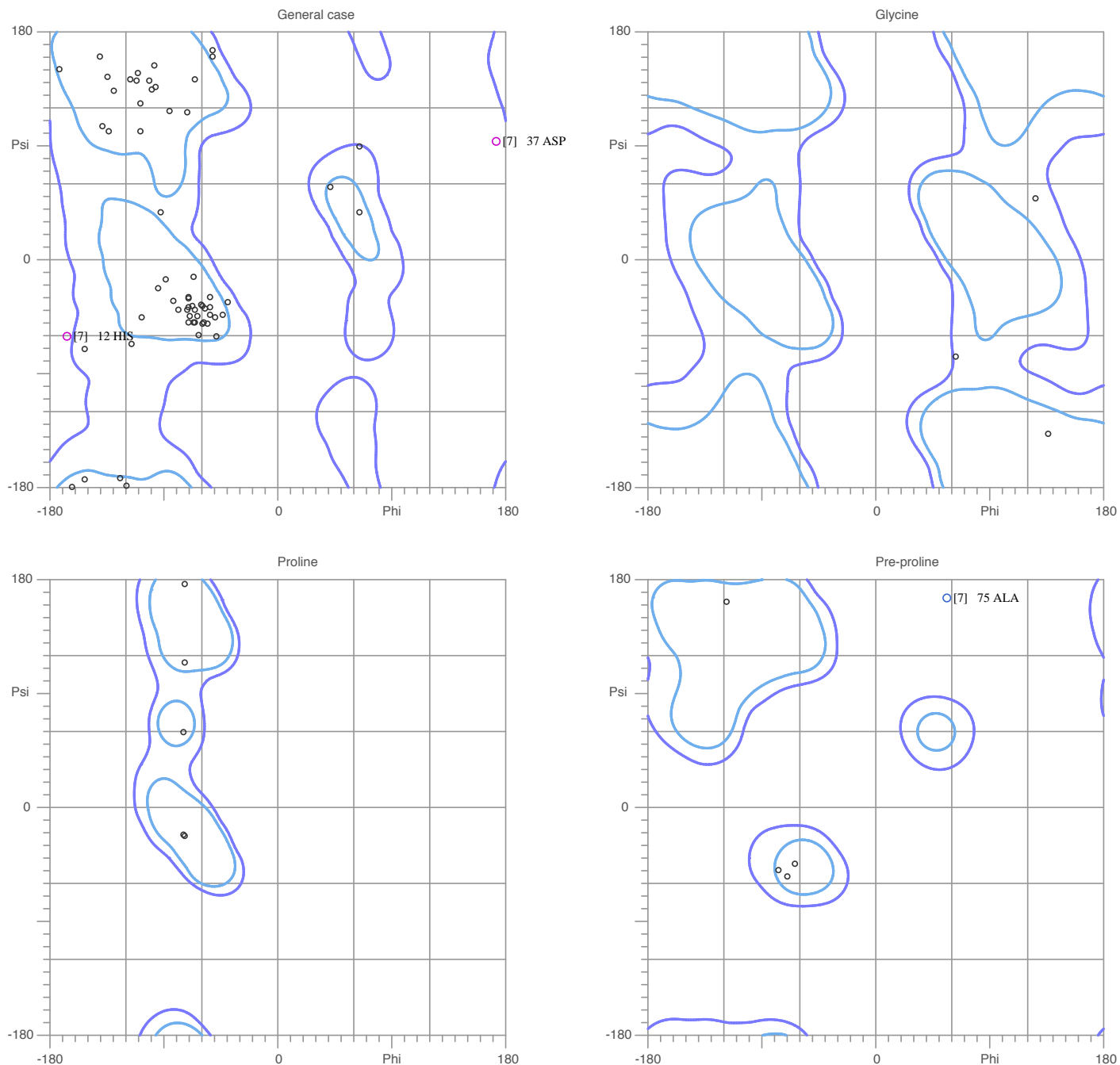
There were 1 outliers (phi, psi):
[6] 36 ASP (-177.5, -40.5)

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XCR50_NMR_em_bcr3.pdb, model 7



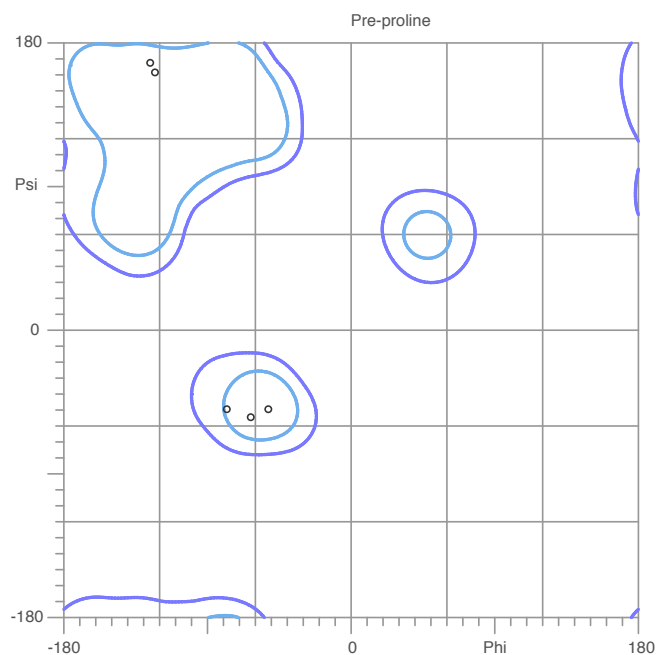
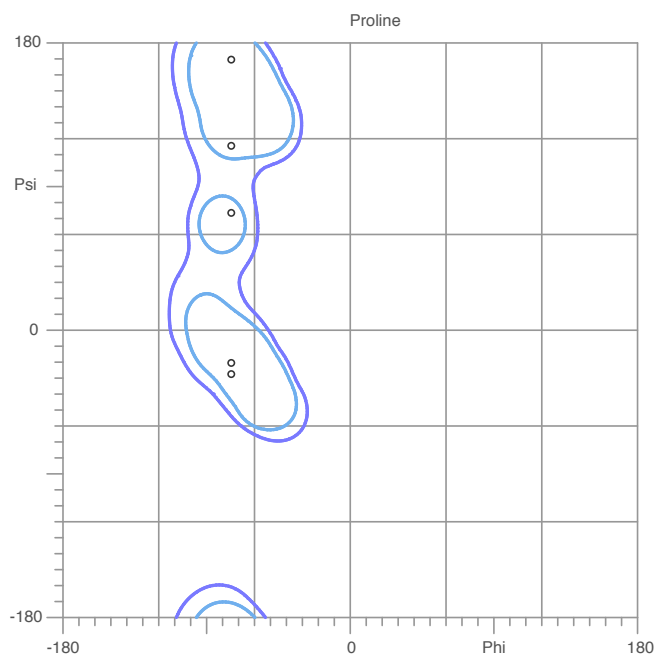
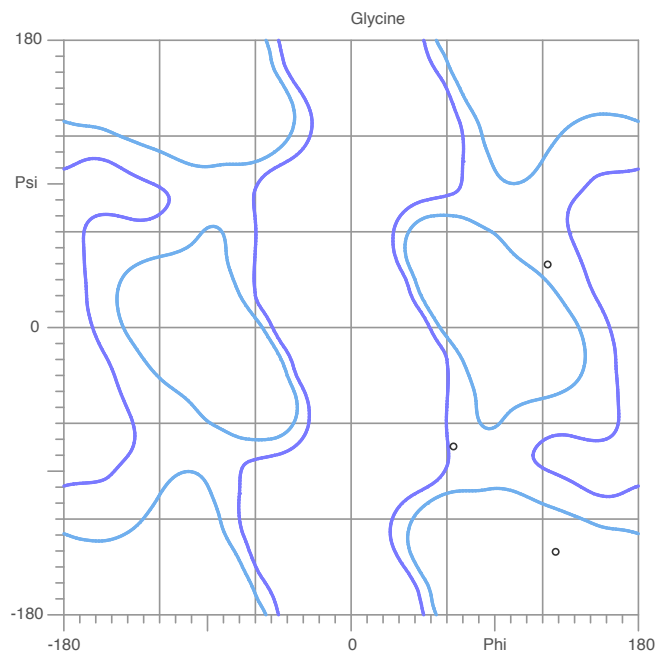
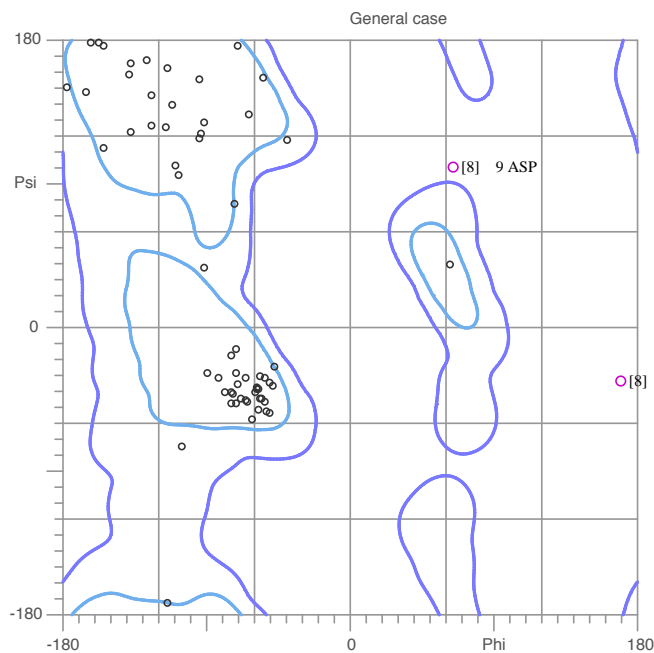
84.2% (64/76) of all residues were in favored (98%) regions.
96.1% (73/76) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [7] 12 HIS (-167.2, -60.6)
- [7] 37 ASP (172.5, 94.4)
- [7] 75 ALA (56.1, 166.6)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 8



89.5% (68/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

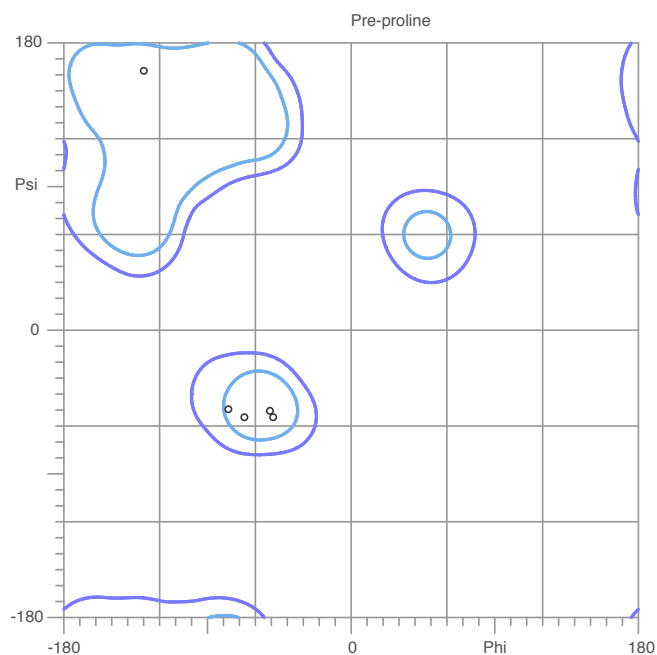
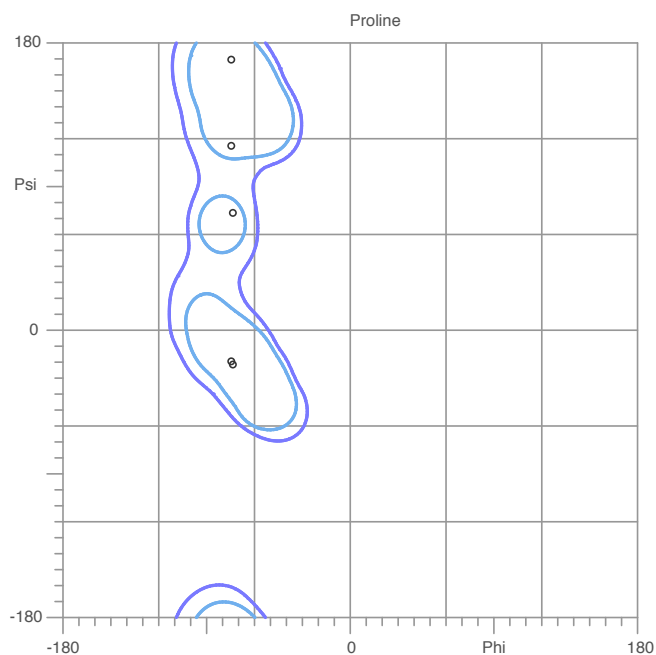
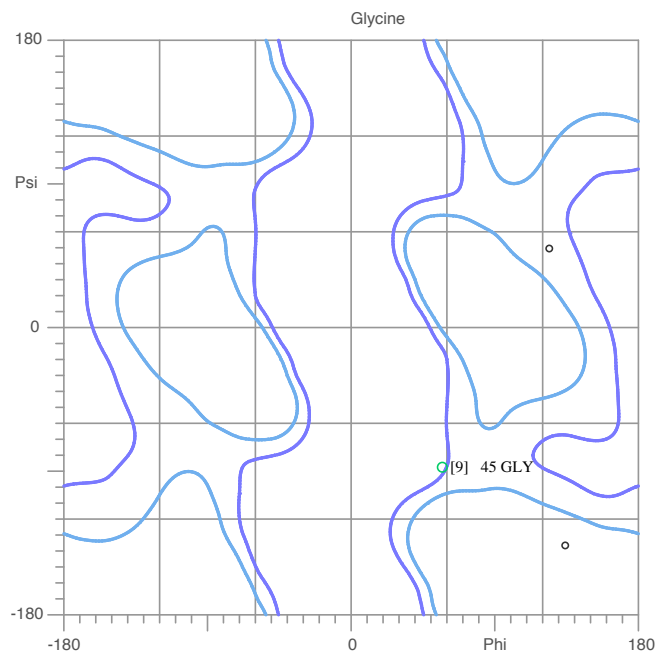
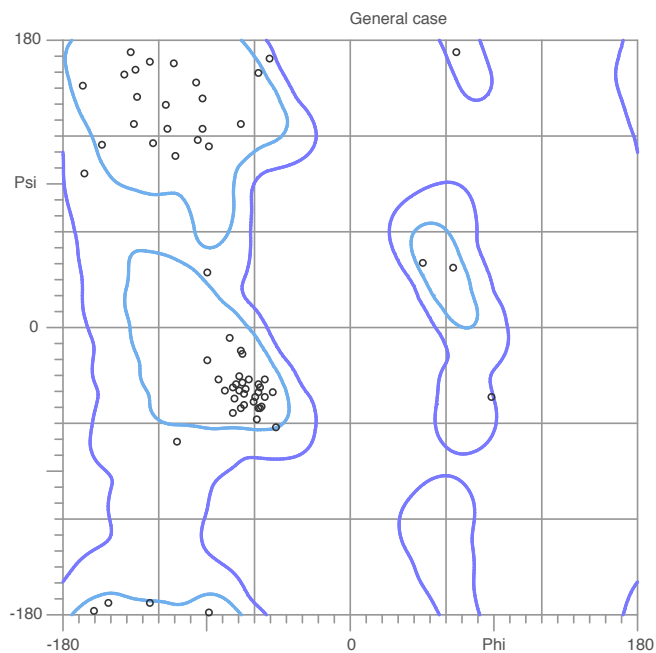
There were 2 outliers (phi, psi):

[8] 9 ASP (64.2, 101.2)

[8] 36 ASP (169.0, -33.5)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 9

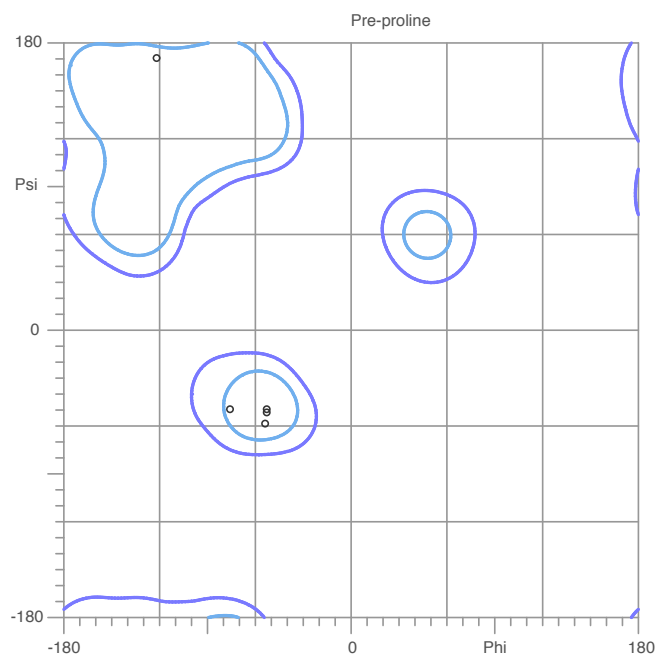
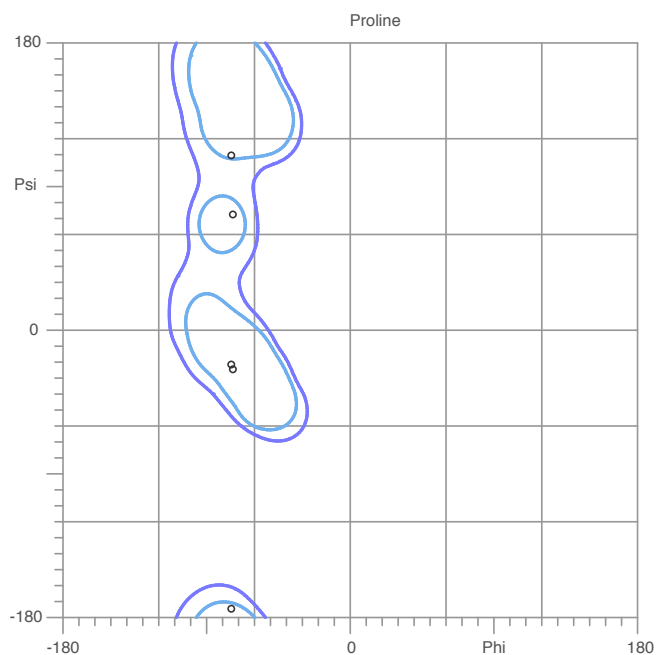
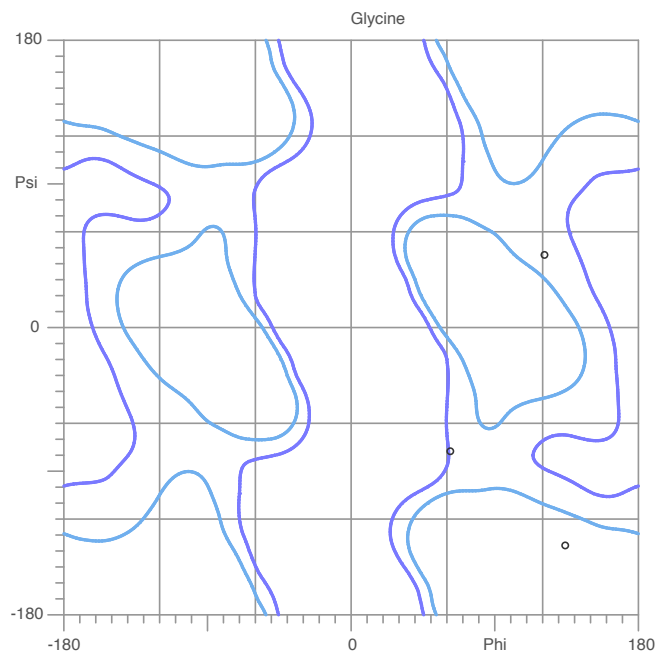
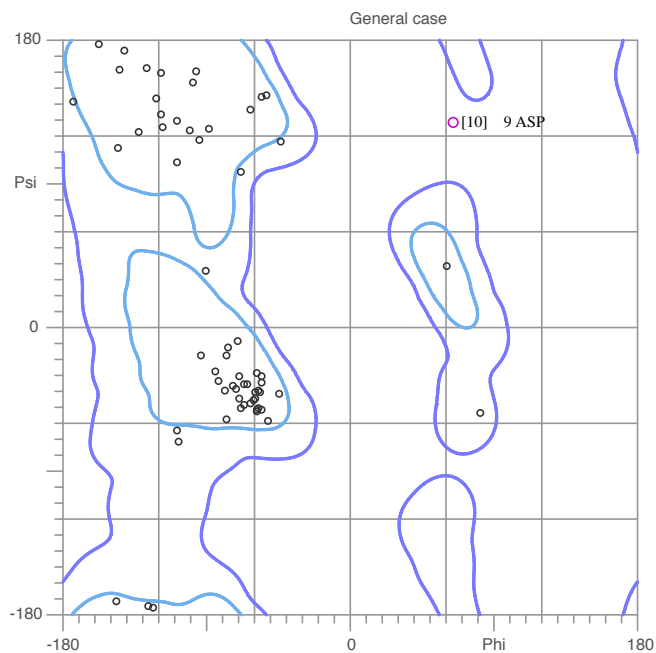


89.5% (68/76) of all residues were in favored (98%) regions.
98.7% (75/76) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[9] 45 GLY (57.5, -87.1)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 10



86.8% (66/76) of all residues were in favored (98%) regions.
98.7% (75/76) of all residues were in allowed (>99.8%) regions.

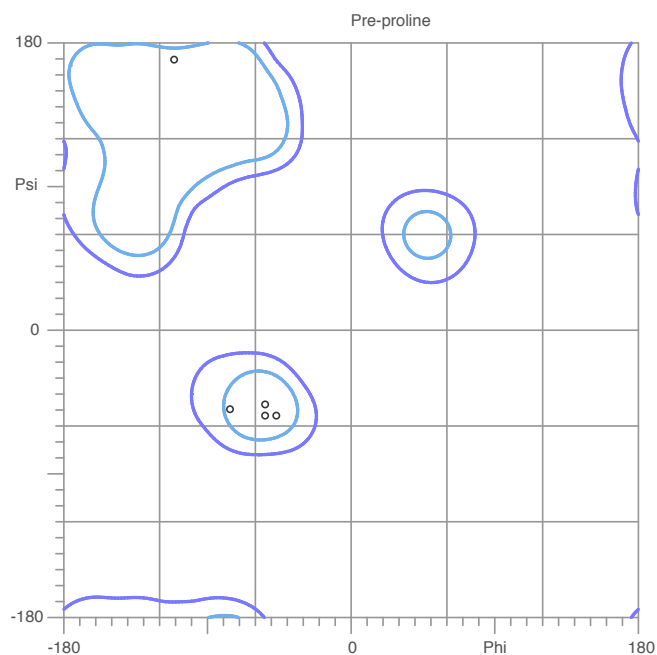
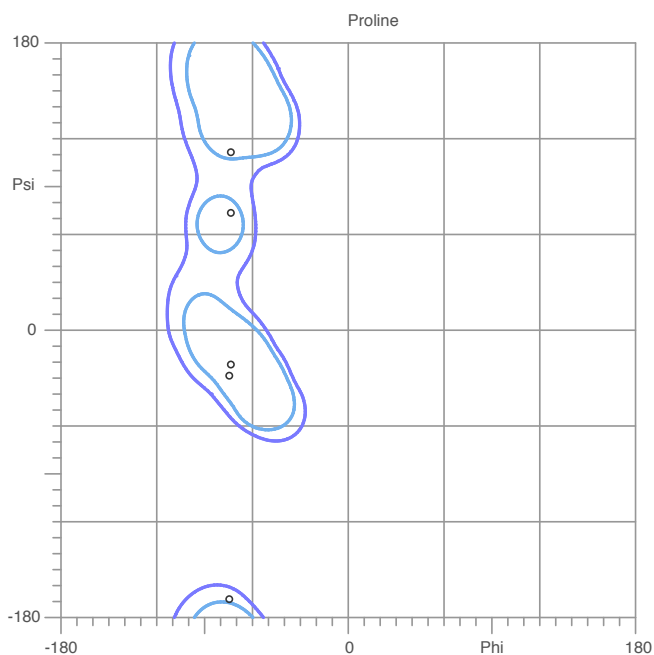
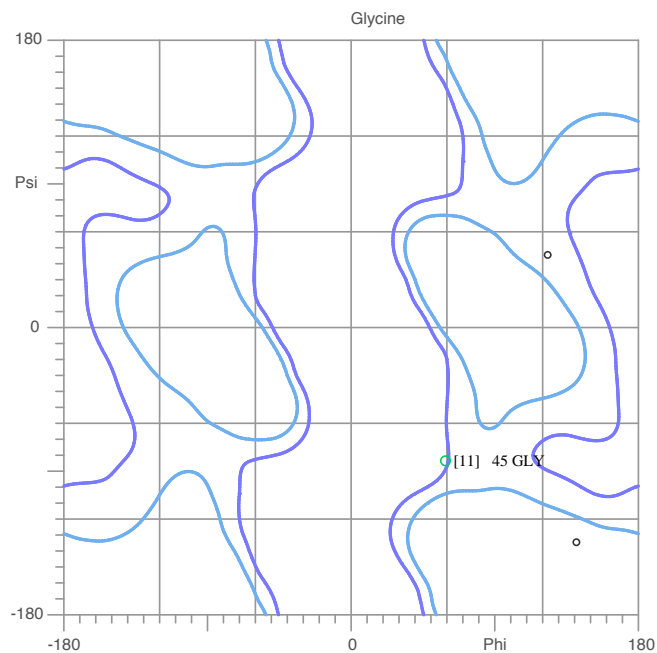
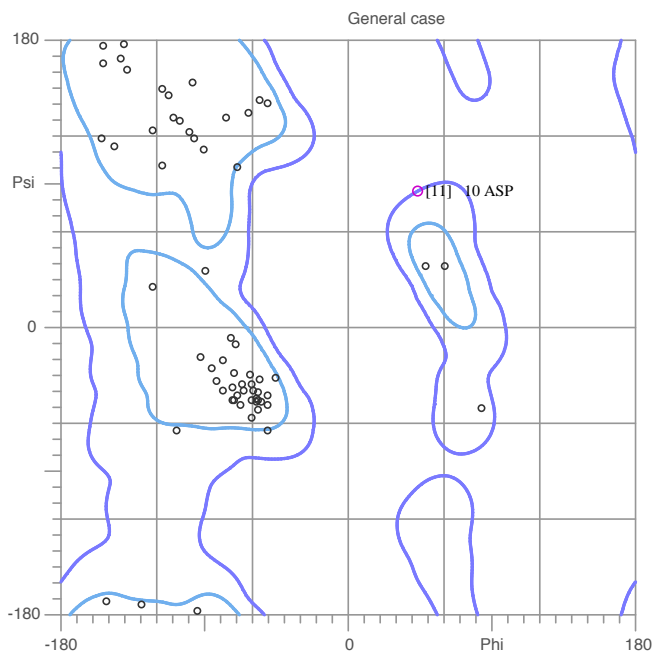
There were 1 outliers (phi, psi):
[10] 9 ASP (64.3, 129.8)

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MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 11



89.5% (68/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

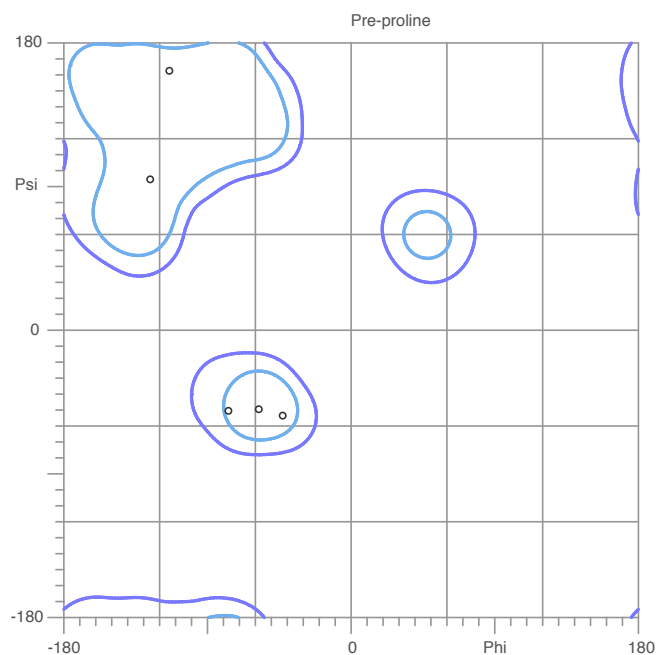
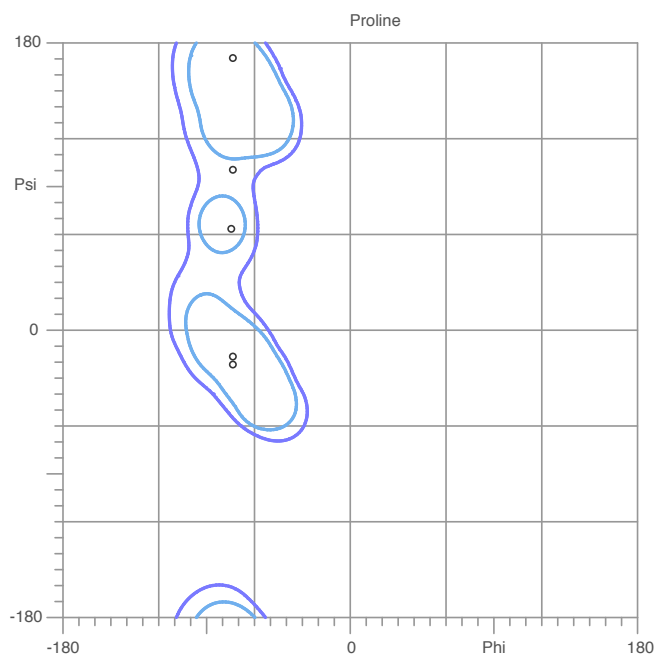
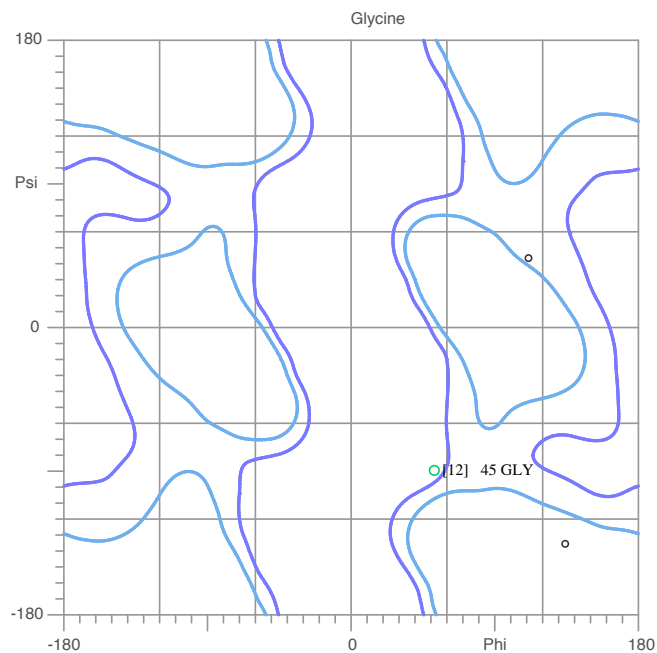
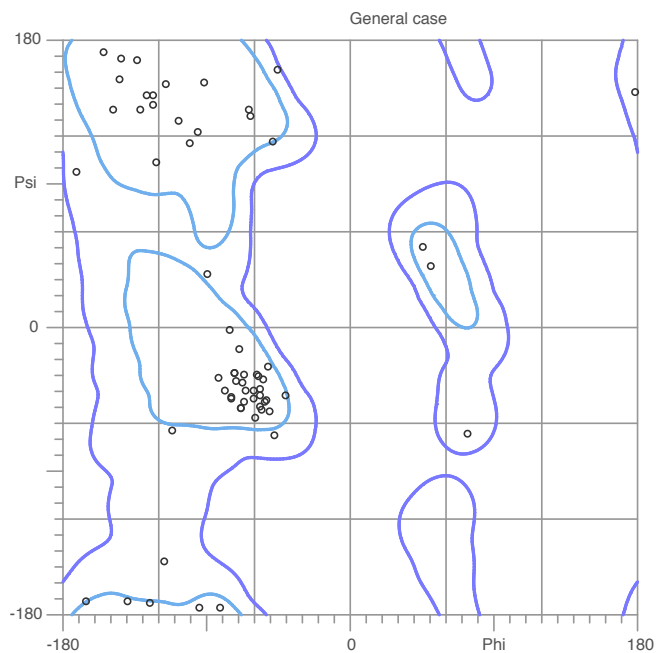
There were 2 outliers (phi, psi):

[11] 10 ASP (43.8, 86.9)

[11] 45 GLY (59.4, -83.8)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 12



84.2% (64/76) of all residues were in favored (98%) regions.
98.7% (75/76) of all residues were in allowed (>99.8%) regions.

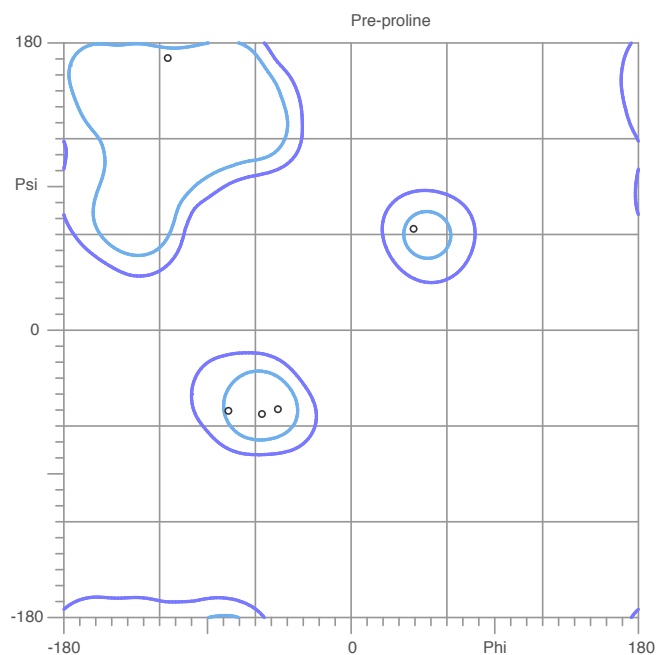
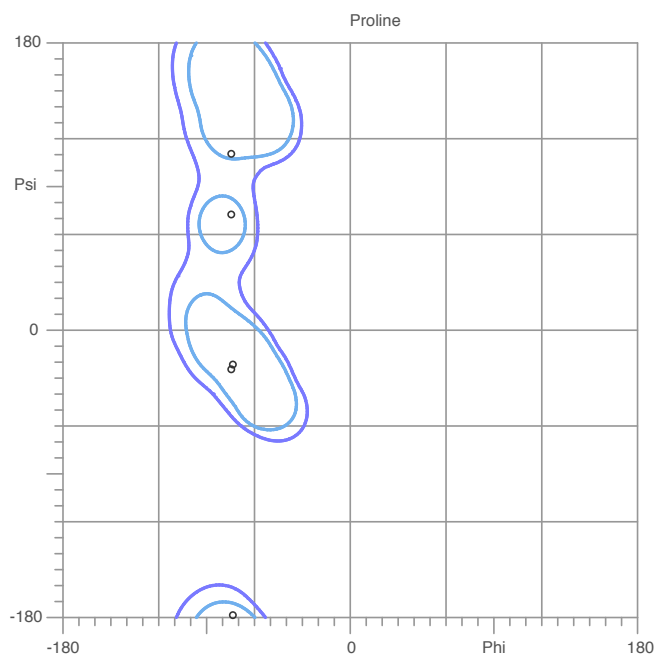
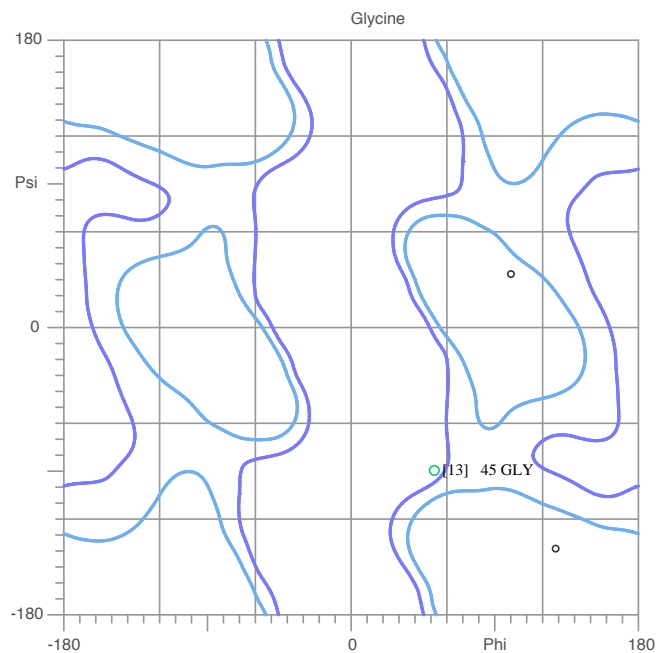
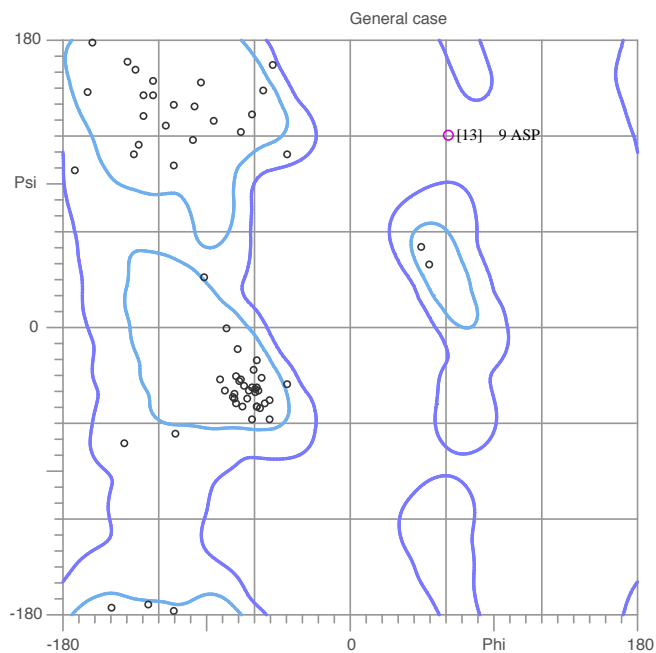
There were 1 outliers (phi, psi):
[12] 45 GLY (52.9, -89.1)

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MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 13



88.2% (67/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

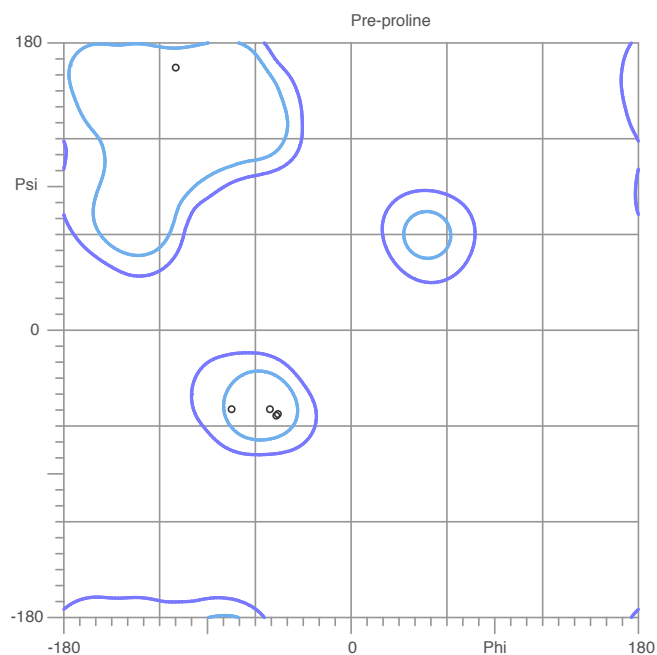
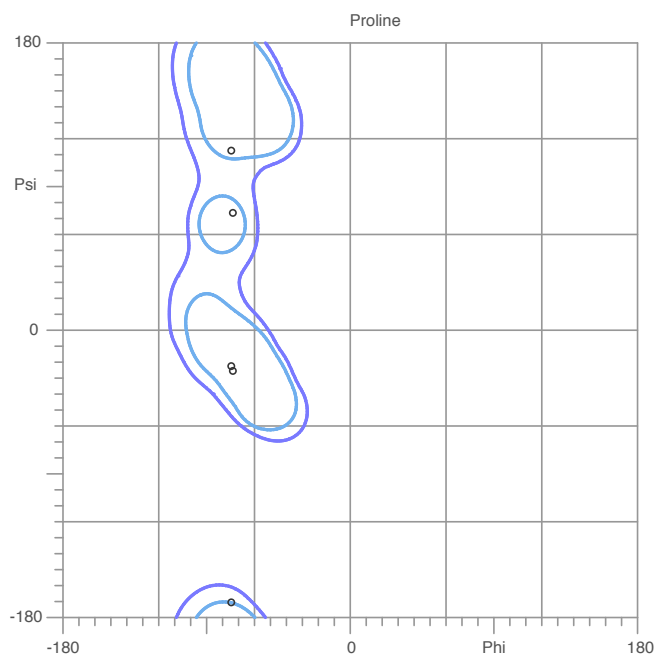
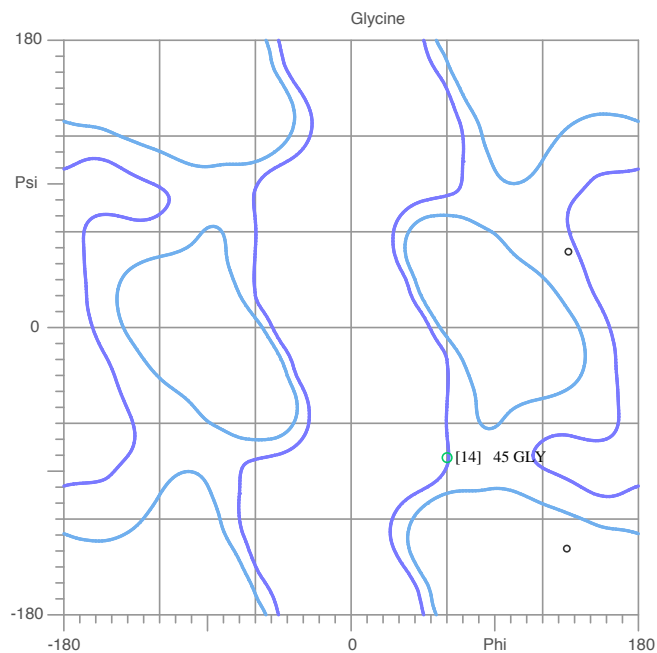
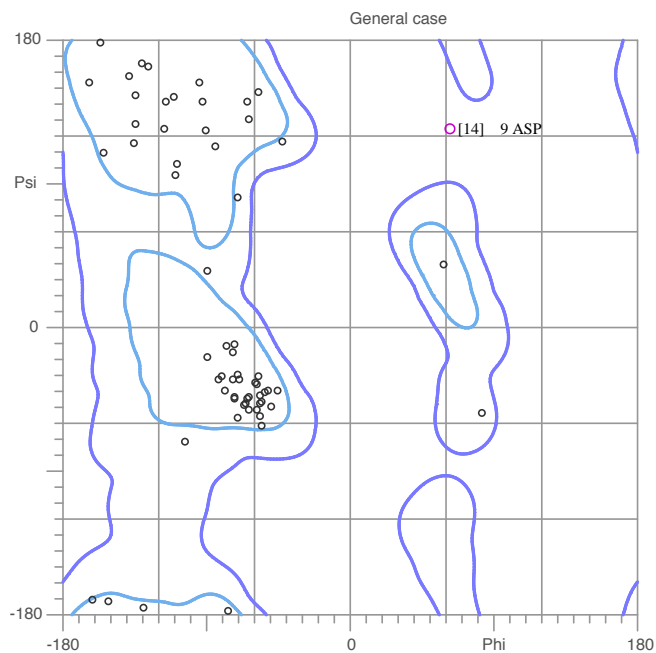
There were 2 outliers (phi, psi):

[13] 9 ASP (61.3, 121.4)

[13] 45 GLY (52.5, -89.1)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 14



88.2% (67/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

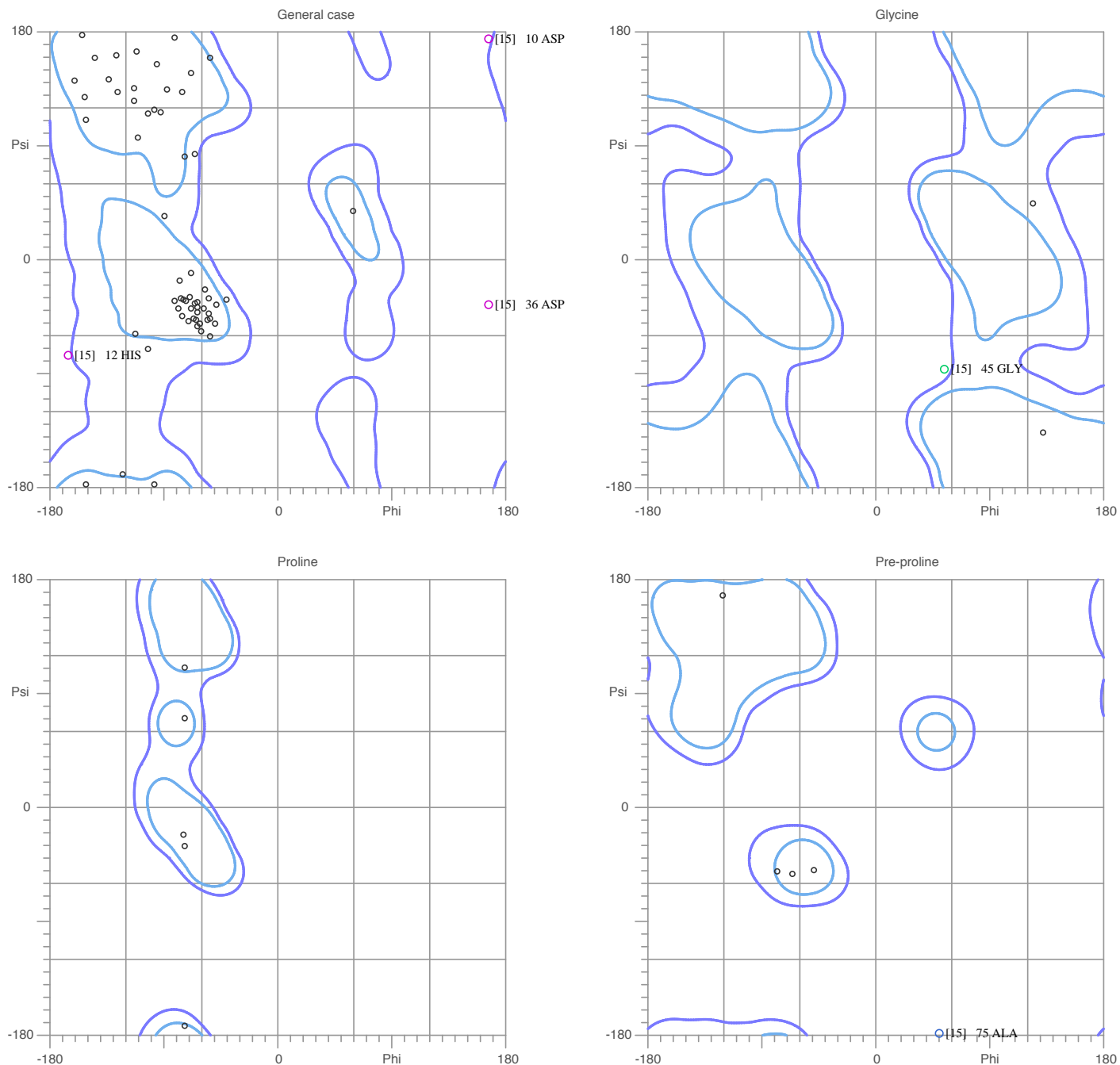
There were 2 outliers (phi, psi):

[14] 9 ASP (62.1, 125.9)

[14] 45 GLY (60.1, -81.6)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 15



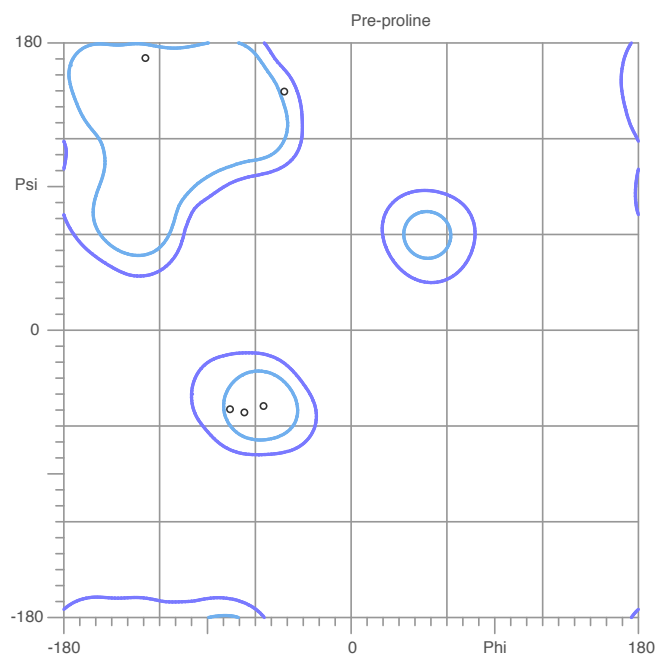
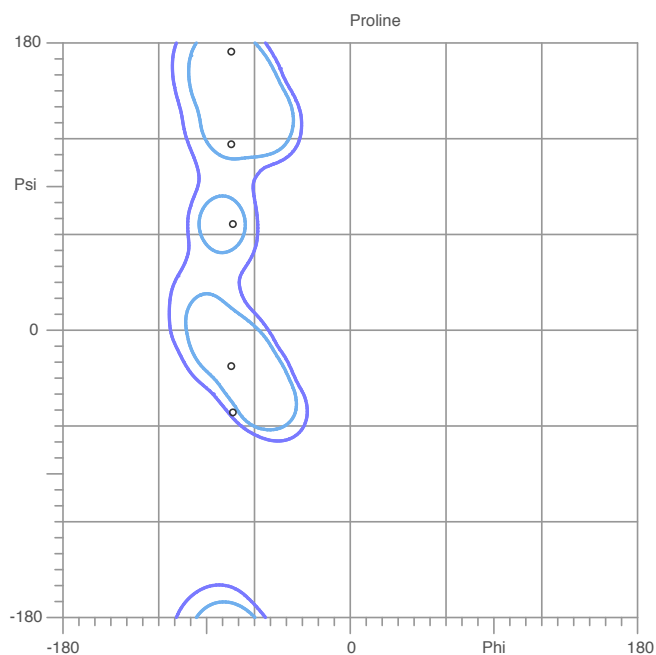
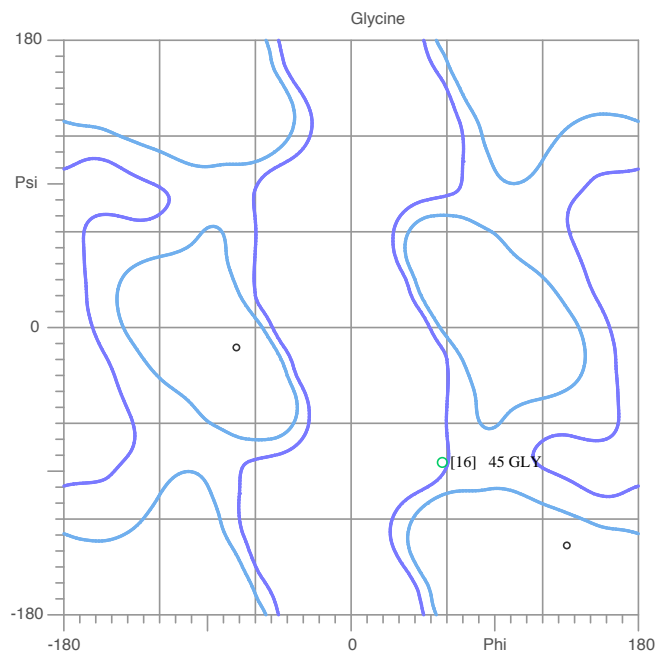
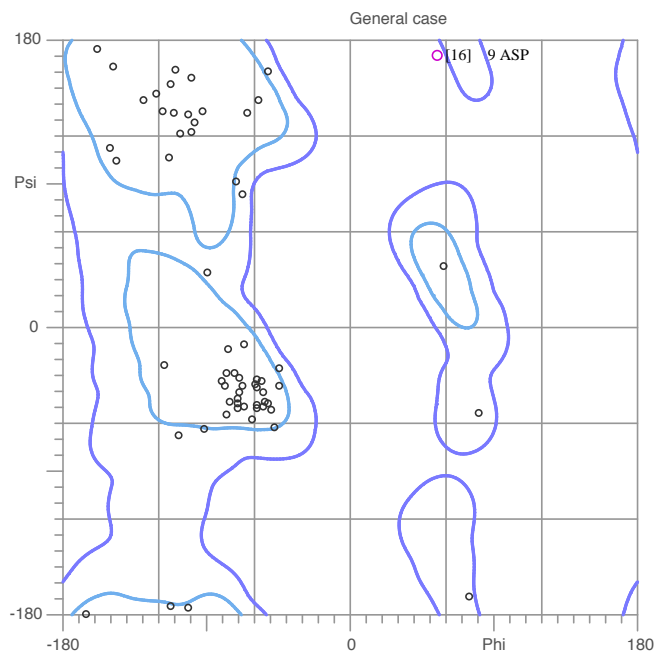
85.5% (65/76) of all residues were in favored (98%) regions.
93.4% (71/76) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):

[15] 10 ASP (166.8, 175.8)
[15] 12 HIS (-166.5, -75.2)
[15] 36 ASP (167.0, -35.1)
[15] 45 GLY (54.9, -86.5)
[15] 75 ALA (50.1, -178.6)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 16



82.9% (63/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

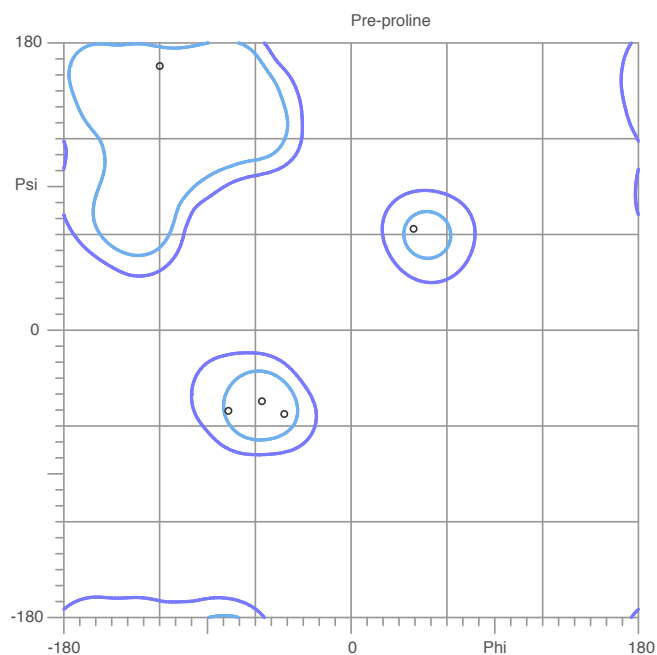
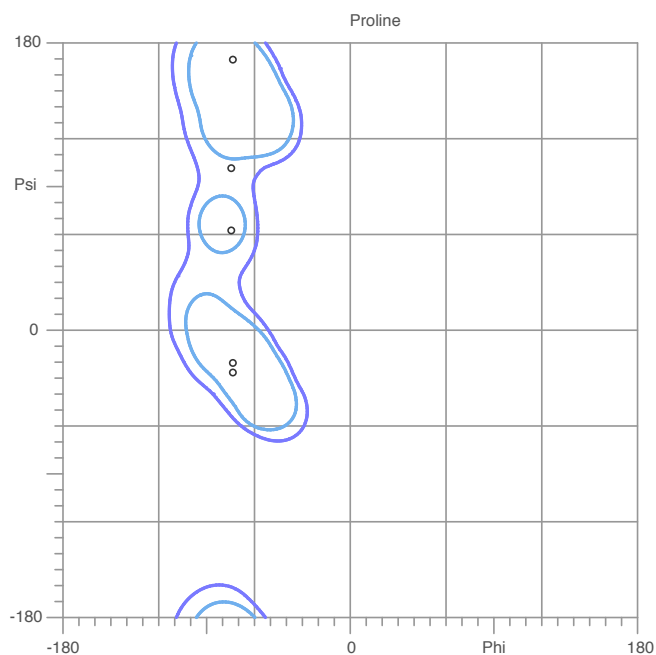
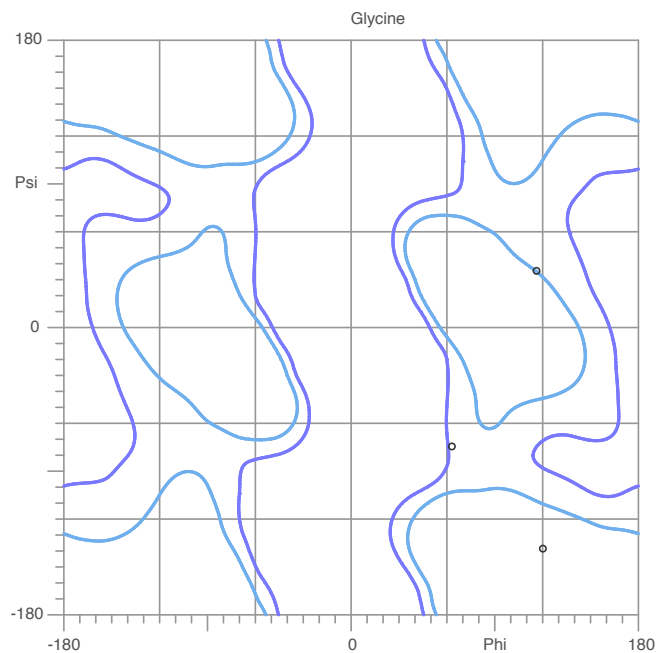
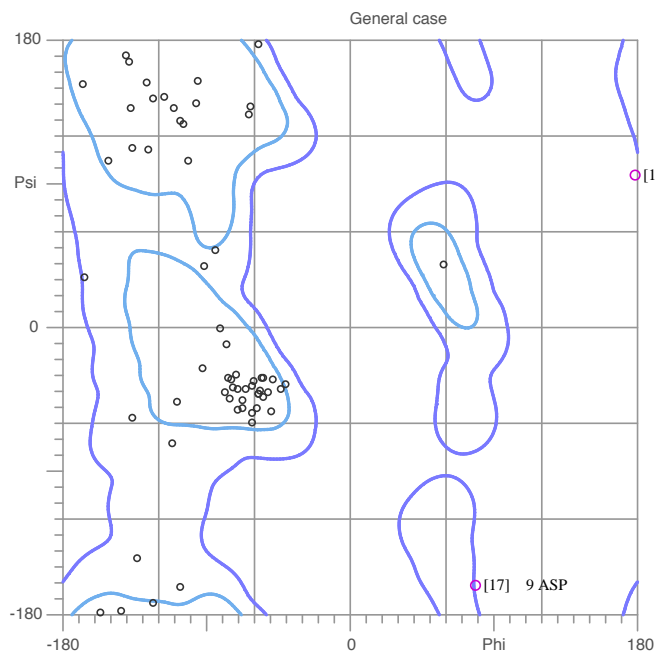
There were 2 outliers (phi, psi):

[16] 9 ASP (54.0, 171.7)

[16] 45 GLY (57.2, -84.0)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 17



81.6% (62/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

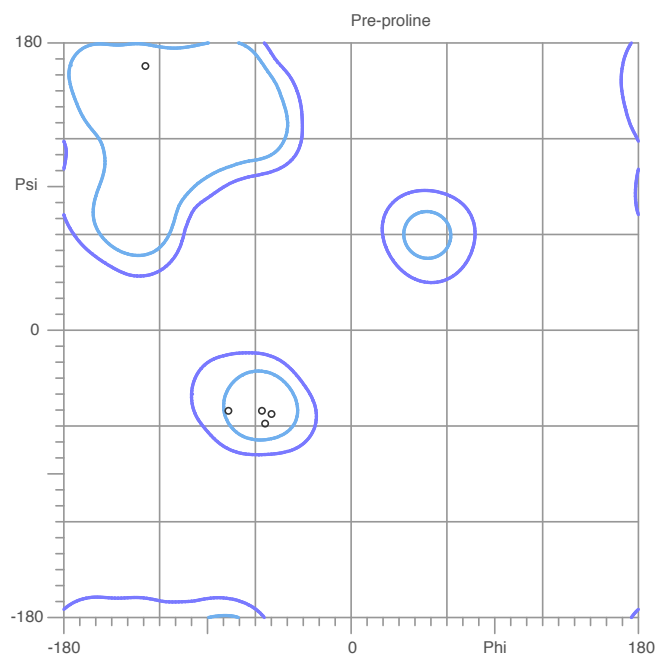
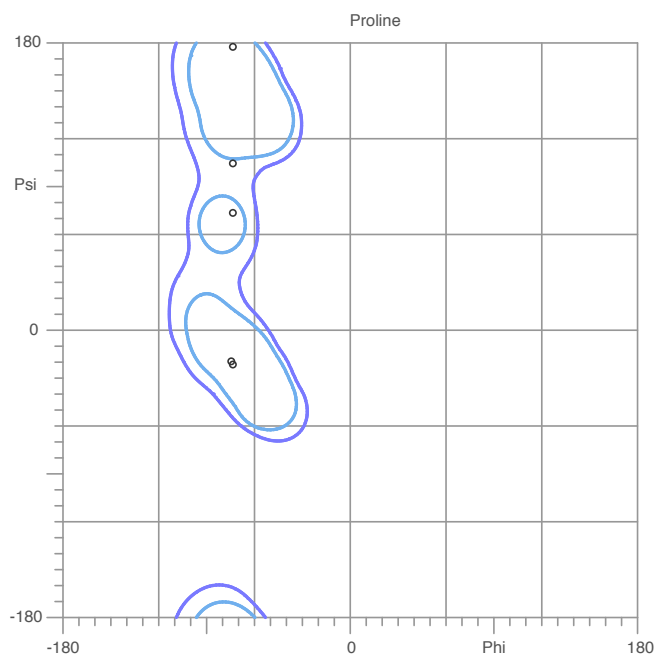
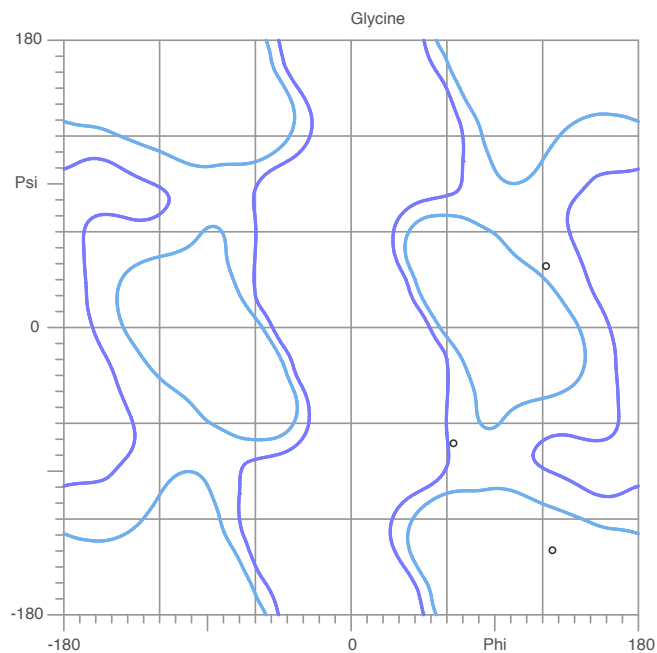
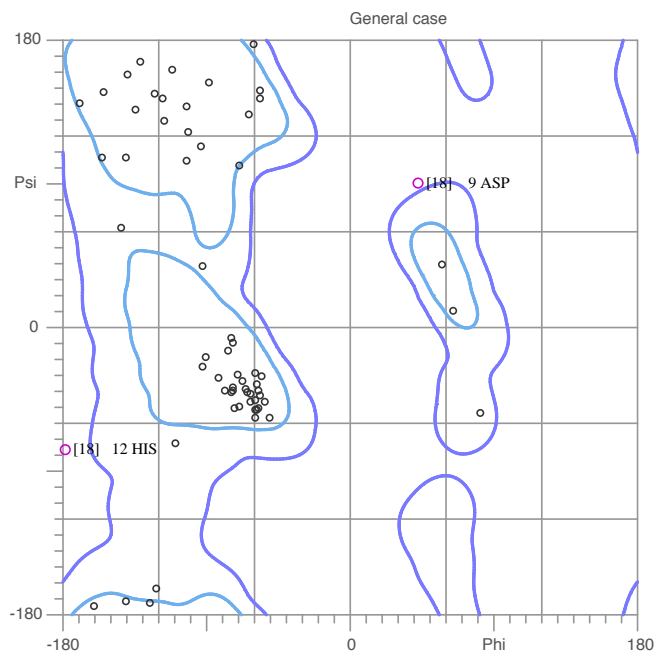
There were 2 outliers (phi, psi):

[17] 9 ASP (78.4, -161.9)

[17] 37 ASP (178.7, 96.2)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 18



85.5% (65/76) of all residues were in favored (98%) regions.
97.4% (74/76) of all residues were in allowed (>99.8%) regions.

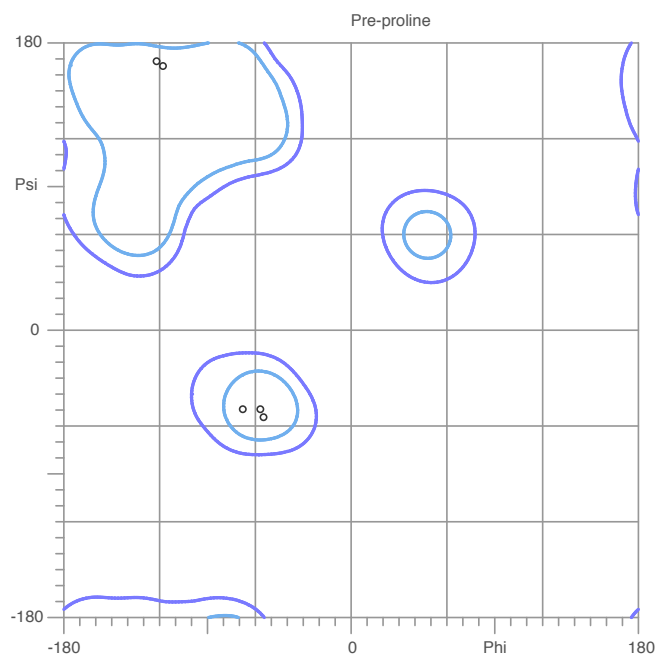
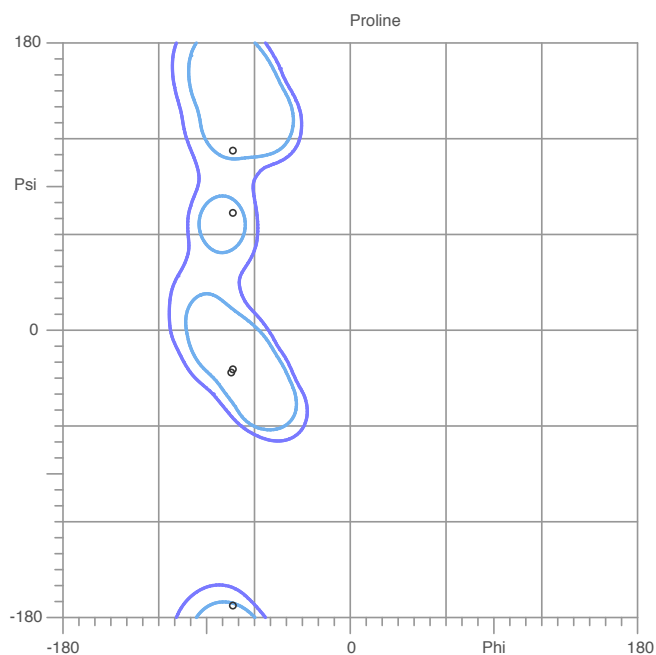
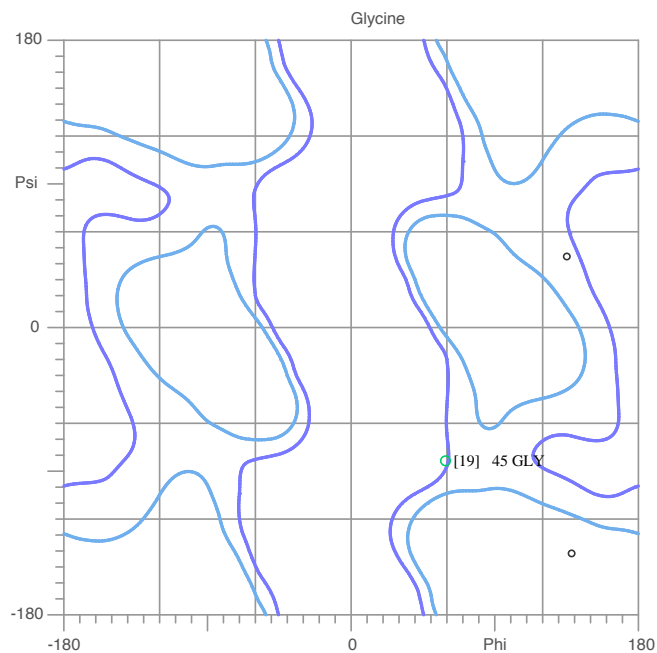
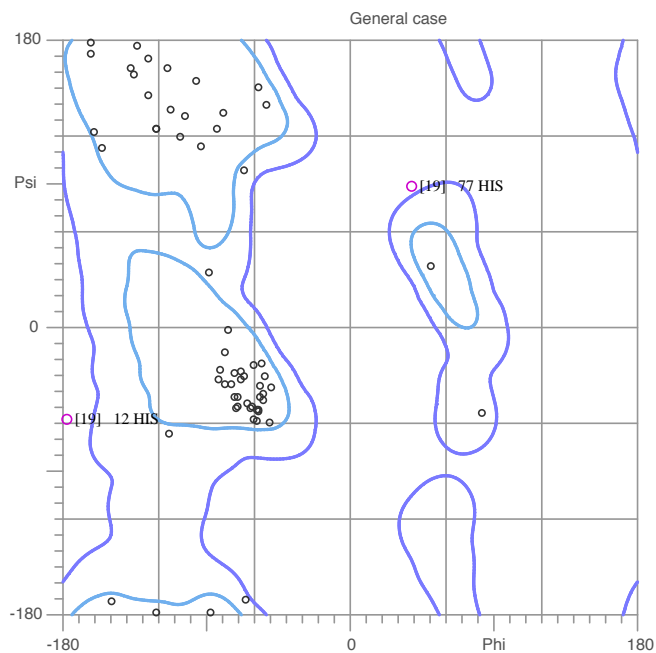
There were 2 outliers (phi, psi):

[18] 9 ASP (42.8, 91.2)

[18] 12 HIS (-179.6, -76.0)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 19



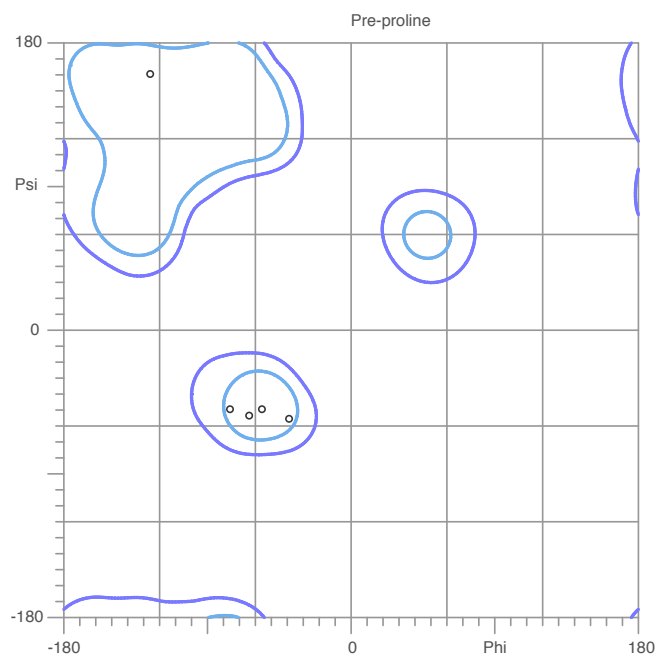
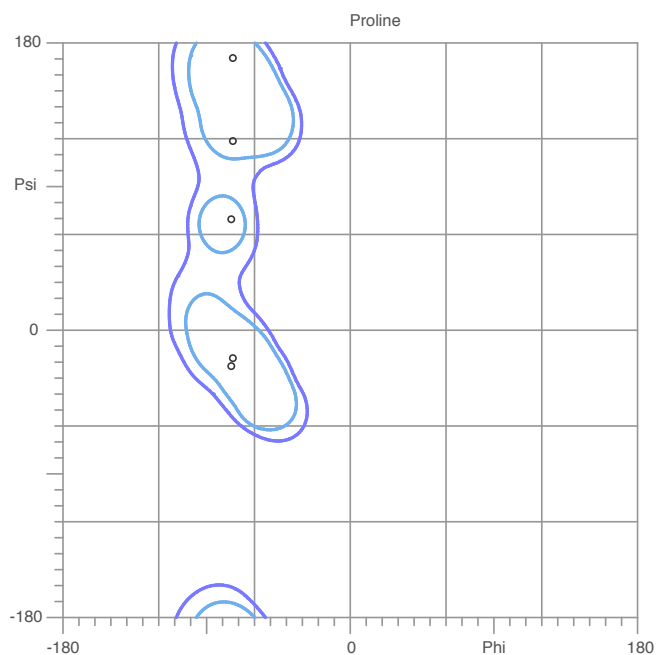
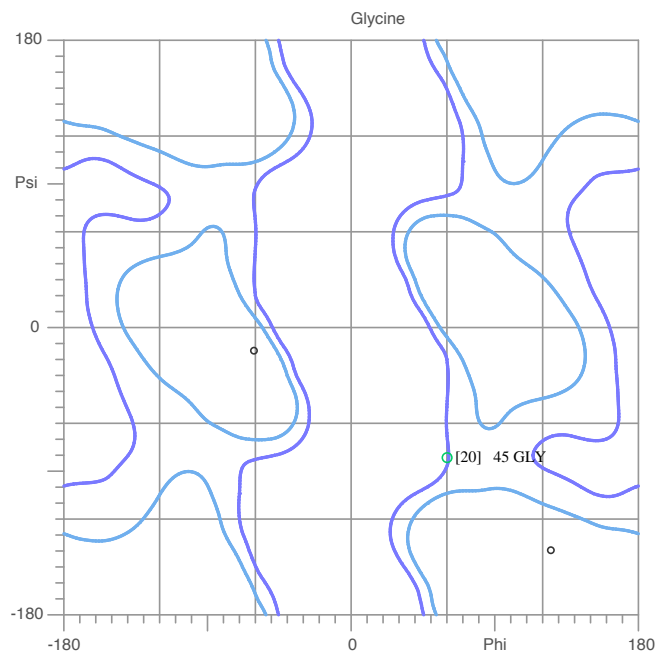
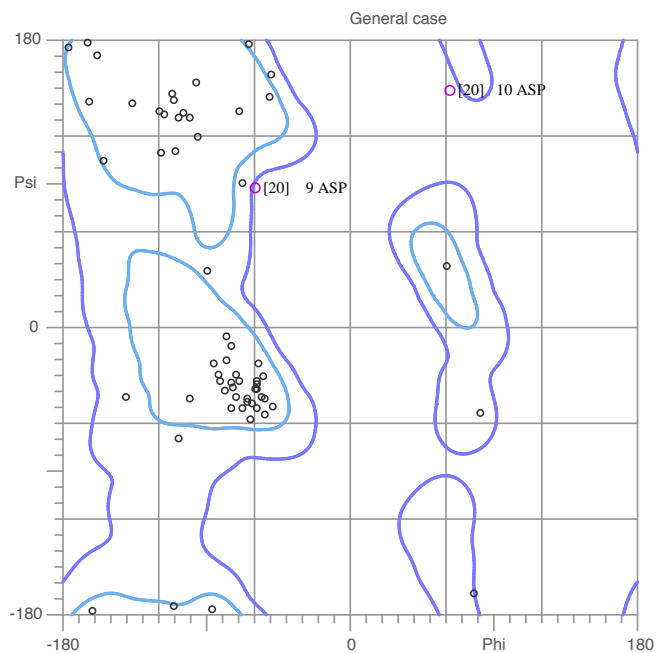
88.2% (67/76) of all residues were in favored (98%) regions.
96.1% (73/76) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

- [19] 12 HIS (-178.6, -57.4)
- [19] 45 GLY (59.6, -83.7)
- [19] 77 HIS (38.5, 89.9)

MolProbity Ramachandran analysis

XCR50_NMR_em_bcr3.pdb, model 20



84.2% (64/76) of all residues were in favored (98%) regions.
96.1% (73/76) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):

[20] 9 ASP (-60.8, 88.3)

[20] 10 ASP (62.2, 149.0)

[20] 45 GLY (60.0, -81.3)