MolProbity Ramachandran analysis

107B. all models
MolProbity Ramachandran analysis

1O7B, model 1

69.8% (67/96) of all residues were in favored (98%) regions.
93.8% (90/96) of all residues were in allowed (>99.8%) regions.

There were 6 outliers (phi, psi):
[1]    7 ALA (-64.2, -170.9)
[1]    9 SER (-164.4, -19.8)
[1]   13 LYS (-174.1, 33.3)
[1]   31 ALA (-60.0, -165.7)
[1]   53 ALA (46.5, -164.3)
[1]   55 GLY (147.3, 31.2)

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78.1% (75/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[2] 7 ALA (-61.4, -174.7)
[2] 9 SER (-168.7, -16.3)
[2] 13 LYS (-167.9, 23.0)
[2] 31 ALA (-60.2, -166.6)
[2] 68 CYS (-170.8, -75.7)

1O7B, model 2

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71.9% (69/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[3] 9 SER (-169.3, 23.9)
[3] 31 ALA (-56.1, -167.1)
[3] 67 ASN (178.5, 60.5)
[3] 68 CYS (-165.2, -69.5)

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MolProbity Ramachandran analysis

1O7B, model 4

76.0% (73/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):

[4] 7 ALA (-60.3, -170.7)
[4] 9 SER (-163.6, 1.6)
[4] 31 ALA (-61.0, -165.8)
[4] 84 ARG (-71.8, 25.5)

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MolProbity Ramachandran analysis

1O7B, model 5

66.7% (64/96) of all residues were in favored (98%) regions.
93.8% (90/96) of all residues were in allowed (>99.8%) regions.

There were 6 outliers (phi, psi):
[5]  9 SER (-174.3, 46.1)
[5] 13 LYS (-173.5, 28.8)
[5] 31 ALA (-58.9, -166.3)
[5] 67 ASN (178.8, 61.4)
[5] 68 CYS (-174.9, -59.9)
[5] 83 ASN (-176.5, 86.1)

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81.2% (78/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

[6] 13 LYS (-177.5, 21.4)
[6] 31 ALA (-62.8, -166.4)
[6] 66 PRO (-73.5, -129.7)
[6] 84 ARG (-65.8, 19.1)
76.0% (73/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
71 31 ALA (-60.7, -166.1)
72 53 ALA (46.4, -165.2)
71 55 GLY (167.7, 35.5)
70 72 LYS (44.6, -168.0)
71 92 CYS (-43.5, 157.4)

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MolProbity Ramachandran analysis

1O7B, model 8

76.0% (73/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[8] 13 LYS (-170.9, 26.8)
[8] 31 ALA (-57.9, -166.3)
[8] 46 VAL (-176.0, 113.3)
[8] 65 GLY (-158.6, -93.4)
[8] 84 ARG (-69.9, 26.7)

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MolProbity Ramachandran analysis

1O7B, model 9

71.9% (69/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[9] 13 LYS (-171.7, 15.1)
[9] 31 ALA (-60.1, -165.5)
[9] 53 ALA (46.4, -163.9)
[9] 55 GLY (151.4, 30.5)

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MolProbity Ramachandran analysis

1O7B, model 10

70.8% (68/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[10] 31 ALA (-58.4, -165.6)
[10] 53 ALA (45.3, -163.2)
[10] 66 PRO (-75.2, -145.2)
[10] 84 ARG (-70.1, 27.8)
[10] 92 CYS (-49.9, 170.5)

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75.0% (72/96) of all residues were in favored (98%) regions.
93.8% (90/96) of all residues were in allowed (>99.8%) regions.

There were 6 outliers (phi, psi):
[11] 27 GLY (171.9, 75.5)
[11] 31 ALA (-58.4, -166.7)
[11] 44 PHE (-46.7, 92.0)
[11] 62 VAL (-150.0, -32.9)
[11] 92 CYS (-47.3, 162.9)
MolProbity Ramachandran analysis

1O7B, model 12

76.0% (73/96) of all residues were in favored (98%) regions.
97.9% (94/96) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[12] 31 ALA (-63.9, -165.5)
[12] 92 CYS (-47.0, 164.7)

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MolProbity Ramachandran analysis

1O7B, model 13

72.9% (70/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[13] 13 LYS (-178.8, 36.7)
[13] 31 ALA (-59.5, -165.7)
[13] 80 ILE (-48.4, 109.6)
[13] 84 ARG (-67.4, 16.0)
[13] 92 CYS (-49.5, 169.7)

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71.9% (69/96) of all residues were in favored (98%) regions.
96.9% (93/96) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):
[14] 13 LYS (-173.6, 25.5)
[14] 31 ALA (-60.2, -166.2)
[14] 46 VAL (-162.7, 114.8)
MolProbity Ramachandran analysis

68.8% (66/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[15] 13 LYS (-179.0, 30.9)
[15] 31 ALA (-60.0, -165.0)
[15] 53 ALA (45.1, -163.8)
[15] 55 GLY (146.5, 30.5)
[15] 67 ASN (175.9, -45.6)

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71.9% (69/96) of all residues were in favored (98%) regions.
94.8% (91/96) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):

[16] 9 SER (-169.8, 7.6)
[16] 31 ALA (-60.2, -166.1)
[16] 53 ALA (46.8, -163.8)
[16] 55 GLY (146.4, 34.0)
[16] 92 CYS (50.7, -178.9)

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MolProbity Ramachandran analysis

69.8% (67/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[17] 13 LYS (-173.1, 10.4)
[17] 31 ALA (-64.9, -165.6)
[17] 65 GLY (178.3, -87.6)
[17] 66 PRO (-64.8, -152.1)

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78.1% (75/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[18] 13 LYS (-179.6, -0.5)
[18] 31 ALA (-61.9, -166.1)
[18] 67 ASN (177.6, 61.0)
[18] 68 CYS (-164.9, -58.7)

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MolProbity Ramachandran analysis

1O7B, model 19

76.0% (73/96) of all residues were in favored (98%) regions.
95.8% (92/96) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[19] 9 SER (-172.4, 47.7)
[19] 13 LYS (-174.3, 3.5)
[19] 31 ALA (-61.8, -166.0)
[19] 46 VAL (-172.2, 114.9)

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MolProbity Ramachandran analysis

1O7B, model 20

72.9% (70/96) of all residues were in favored (98%) regions.
92.7% (89/96) of all residues were in allowed (>99.8%) regions.

There were 7 outliers (phi, psi):
20 13 LYS (-168.9, 8.1)
20 31 ALA (-59.1, -167.2)
20 46 VAL (-179.6, 113.7)
20 53 ALA (46.2, -163.7)
20 55 GLY (150.3, 36.7)
20 66 PRO (-73.8, -144.6)
20 92 CYS (44.2, 199.3)

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