MolProbity Ramachandran analysis

1CLF, all models

General case

Pre-proline

Glycine

Trans proline

Cis proline

http://kinemage.biochem.duke.edu

MolProbity Ramachandran analysis

1CLF, model 1

73.6% (39/53) of all residues were in favored (98%) regions.
94.3% (50/53) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):
[1] 29 ILE (-91.1, -161.1)
[1] 39 ASP (-61.0, 74.1)
[1] 52 PRO (-60.1, 82.3)

http://kinemage.biochem.duke.edu

MolProbity Ramachandran analysis

1CLF, model 2

73.6% (39/53) of all residues were in favored (98%) regions.
96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):

[2] 14 CYS (-80.4, -97.4)
[2] 15 ALA (45.6, -99.0)

http://kinemage.biochem.duke.edu

MolProbity Ramachandran analysis

1CLF, model 3

75.5% (40/53) of all residues were in favored (98%) regions.
92.5% (49/53) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

[3] 2 TYR (-74.3, -154.2)
[3] 10 SER (129.1, 29.1)
[3] 38 ILE (-90.8, -112.3)
[3] 52 PRO (-61.0, 90.1)
MolProbity Ramachandran analysis

1CLF, model 4

69.8% (37/53) of all residues were in favored (98%) regions.
92.5% (49/53) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
- 10 SER (-65.4, 64.5)
- 14 CYS (-79.3, -108.6)
- 38 ILE (-79.8, 47.3)
- 39 ASP (14.7, 65.5)

http://kinemage.biochem.duke.edu

73.6% (39/53) of all residues were in favored (98%) regions.
90.6% (48/53) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
[5]  7 SER (-65.1, 13.2)
[5]  9 VAL (75.8, 137.6)
[5]  10 SER (-64.2, 57.0)
[5]  38 ILE (-80.1, -102.4)
[5]  52 PRO (-58.4, 86.3)

http://kinemage.biochem.duke.edu
MolProbity Ramachandran analysis

http://kinemage.biochem.duke.edu


General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline

77.4% (41/53) of all residues were in favored (98%) regions.
98.1% (52/53) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):

[6] 38 ILE (-78.3, -102.7)
71.7% (38/53) of all residues were in favored (98%) regions.
98.1% (52/53) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):

[7] 52 PRO (-58.9, 78.6)
71.7% (38/53) of all residues were in favored (98%) regions.
88.7% (47/53) of all residues were in allowed (>99.8%) regions.

There were 6 outliers (phi, psi):
[8]  8 CYS (-45.1, -73.6)
[8]  9 VAL (66.5, 143.8)
[8]  10 SER (-65.7, 56.0)
[8]  14 CYS (-73.1, -90.8)
[8]  15 ALA (31.9, -99.0)
[8]  52 PRO (-62.3, 81.1)
75.5% (40/53) of all residues were in favored (98%) regions.
94.3% (50/53) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):
  [9] 10 SER (-61.3, 66.6)
  [9] 39 ASP (-59.0, 74.9)
  [9] 52 PRO (-61.0, 87.7)

http://kinemage.biochem.duke.edu

MolProbity Ramachandran analysis
1CLF, model 10

69.8% (37/53) of all residues were in favored (98%) regions.
96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[10] 15 ALA (64.5, -77.7)
[10] 38 ILE (-83.1, -116.9)
73.6% (39/53) of all residues were in favored (98%) regions.

96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):

[11] 52 PRO (-61.5, 87.9)
MolProbity Ramachandran analysis

1CLF, model 12

71.7% (38/53) of all residues were in favored (98%) regions.
96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):

[12] 9 VAL (66.1, 162.7)
[12] 52 PRO (-58.7, 90.3)

http://kinemage.biochem.duke.edu

67.9% (36/53) of all residues were in favored (98%) regions.
96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[13] 29 ILE (-99.9, -159.0)
[13] 52 PRO (-61.8, 84.5)
MolProbity Ramachandran analysis

1CLF, model 14

77.4% (41/53) of all residues were in favored (98%) regions.
96.2% (51/53) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):

[14] 10 SER (-66.1, 63.6)
[14] 14 CYS (-74.2, -90.8)

http://kinemage.biochem.duke.edu

66.0% (35/53) of all residues were in favored (98%) regions.
92.5% (49/53) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):

[15] 8 CYS (-46.6, -72.8)
[15] 9 VAL (68.0, 155.5)
[15] 10 SER (-66.7, 57.4)
[15] 38 ILE (-80.3, 34.2)
69.8% (37/53) of all residues were in favored (98%) regions. 
92.5% (49/53) of all residues were in allowed (>99.8%) regions.

There were 4 outliers (phi, psi):
[16] 2 TYR (-68.1, -160.1)
[16] 15 ALA (39.7, -99.8)
[16] 29 ILE (-104.9, -155.2)
[16] 39 ASP (-64.8, 60.7)

http://kinemage.biochem.duke.edu