MolProbity Ramachandran analysis

83.7% (586/700) of all residues were in favored (98%) regions.
97.1% (680/700) of all residues were in allowed (>99.8%) regions.
There were 20 outliers (phi, psi):

1. ALA (56.2, 90.1)
2. THR (-85.4, -129.3)
3. THR (-82.3, -122.4)
4. ALA (56.8, 129.0)
5. GLN (-62.7, 89.7)
6. THR (-83.9, -119.3)
7. VAL (-119.0, -95.0)
8. TYR (62.8, 94.4)
9. GLN (56.0, -177.2)
10. VAL (-120.0, -97.5)
11. ALA (172.4, 135.5)
12. GLN (56.8, 162.6)
13. ARG (47.1, 87.1)
14. GLU (169.3, 148.7)
15. GLU (165.0, 150.6)
16. ARG (52.1, -177.9)
17. THR (-84.5, -110.5)
18. ARG (-57.2, 96.1)
19. GLN (53.8, -91.7)

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MolProbity Ramachandran analysis

2OON, model 1

88.6% (31/35) of all residues were in favored (98%) regions.
94.3% (33/35) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[1] 3 ALA (56.2, 90.1)
[1] 32 THR (-85.4, -129.3)

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85.7% (30/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[2] 32 THR (-82.3, -122.4)
82.9% (29/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.

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82.9% (29/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.

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88.6% (31/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.

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MolProbity Ramachandran analysis

74.3% (26/35) of all residues were in favored (98%) regions.
94.3% (33/35) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[6] 3 ALA (69.8, 129.0)
[6] 34 GLN (-62.7, 89.7)

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91.4% (32/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[7] 32 THR (-83.9, -119.3)

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74.3% (26/35) of all residues were in favored (98%) regions.
94.3% (33/35) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):
[8]  31 VAL (-119.0, -95.0)
[8]  36 TYR (62.8, 94.4)
85.7% (30/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.
82.9% (29/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[10] 34 GLN (56.0, -177.2)
85.7% (30/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):

[11] 31 VAL (-120.0, -97.5)
MolProbity Ramachandran analysis

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82.9% (29/35) of all residues were in favored (98%) regions.
91.4% (32/35) of all residues were in allowed (>99.8%) regions.

There were 3 outliers (phi, psi):
[12] 12 ALA (172.4, 135.5)
[12] 34 GLN (56.8, 162.6)
[12] 35 ARG (47.1, 87.1)
MolProbity Ramachandran analysis

2OON, model 13

82.9% (29/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):

[13] 35 ARG (-51.6, 99.5)

80.0% (28/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.

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77.1% (27/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):

[15] 6 GLU (169.3, 148.7)
82.9% (29/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[16] 6 GLU (165.0, 150.6)

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85.7% (30/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[17] 35 ARG (52.1, -177.9)
82.9% (29/35) of all residues were in favored (98%) regions.
94.3% (33/35) of all residues were in allowed (>99.8%) regions.

There were 2 outliers (phi, psi):

[18] 32 THR (-84.5, -110.5)
[18] 35 ARG (-57.2, 96.1)

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MolProbity Ramachandran analysis

88.6% (31/35) of all residues were in favored (98%) regions.
97.1% (34/35) of all residues were in allowed (>99.8%) regions.

There were 1 outliers (phi, psi):
[19] 34 GLN (53.8, -91.7)

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88.6% (31/35) of all residues were in favored (98%) regions.
100.0% (35/35) of all residues were in allowed (>99.8%) regions.

There were no outliers.