MolProbity Ramachandran analysis

General case

-180

180

0

Phi

Psi

Pre-proline

-180

180

0

Phi

Psi

Trans proline

-180

180

0

Phi

Psi

Glycine

-180

180

0

Phi

Psi

Cis proline

-180

180

0

Phi

Psi

91.5% (1128/1233) of all residues were in favored (98%) regions.
97.6% (1203/1233) of all residues were in allowed (>99.8%) regions.
There were 30 outliers (phi, psi):

A  240 THR (-155.7, -64.0)
A  241 PRO (9.6, 156.5)
A  245 THR (-54.4, -131.2)
A  272 TYR (-21.5, -77.1)
A  295 VAL (-166.4, -0.8)
A  312 VAL (-73.4, -155.5)
A  313 LEU (58.4, 102.7)
A  344 GLY (-61.3, 81.8)
A  386 CYS (-48.0, -94.7)
A  387 SER (55.8, -15.9)
B  240 THR (-155.7, -63.9)
B  241 PRO (9.4, 156.6)
B  245 THR (-54.4, -131.1)
B  272 TYR (-21.5, -77.0)
B  295 VAL (-166.4, -0.7)
B  312 VAL (-73.5, -155.5)
B  313 LEU (58.4, 102.7)
B  344 GLY (-61.2, 81.9)
B  386 CYS (-48.1, -94.7)
B  387 SER (55.8, -15.9)
C  240 THR (-155.7, -63.9)
C  241 PRO (9.4, 156.6)
C  245 THR (-54.5, -131.1)
C  272 TYR (-21.3, -77.2)
C  295 VAL (-166.4, -0.7)
C  312 VAL (-73.4, -155.5)
C  313 LEU (58.3, 102.7)
C  344 GLY (-61.3, 81.8)
C  386 CYS (-48.1, -94.7)
C  387 SER (55.8, -16.0)

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