MolProbity Ramachandran analysis

3PPJ, model 1

General case

Isoleucine and valine

Pre-proline

Glycine

Trans proline

Cis proline

92.5% (479/518) of all residues were in favored (98%) regions.
98.3% (509/518) of all residues were in allowed (>99.8%) regions.

There were 9 outliers (phi, psi):

A  487 VAL (-97.0, -103.8)
A  488 THR (-48.0, -116.3)
A  523 PRO (-74.9, -55.7)
A  721 LEU (-106.6, -54.0)
B  487 VAL (-95.9, -111.7)
B  488 THR (-37.8, -118.1)
B  523 PRO (-74.4, -56.2)
B  615 GLY (-167.5, -85.9)
B  721 LEU (-107.1, -54.2)

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