MolProbity Ramachandran analysis

1QSY, model 1

General case

$\Phi$ $\Psi$

Pre-proline

Trans proline

Isoleucine and valine

Glycine

Cis proline

93.3% (501/537) of all residues were in favored (98%) regions.
99.1% (532/537) of all residues were in allowed (>99.8%) regions.

There were 5 outliers (phi, psi):
299 TRP (-10.7, -72.8)
300 PRO (-30.4, 88.9)
578 ASP (53.9, -132.9)
586 VAL (-162.4, -17.0)
732 ASP (-62.7, 8.8)

http://kinemage.biochem.duke.edu