Analysis output: all-atom contacts and geometry for COL9A2_22-60_FFX1H.pdb

Summary statistics

All-Atom Contacts	Clashscore, all atoms:	40.57		8th percentile* (N=1784, all resolutions)
	Clashscore is the number of serious steric overlaps (> 0.4 Å) per 1000 atoms.			
Protein Geometry	Poor rotamers	4	16.00%	Goal: <0.3%
	Favored rotamers	16	64.00%	Goal: >98%
	Ramachandran outliers	4	10.81%	Goal: <0.05%
	Ramachandran favored	22	59.46%	Goal: >98%
	MolProbity score^	3.92		3rd percentile* (N=27675, 0Å - 99Å)
	Cβ deviations >0.25Å	5	18.52%	Goal: 0
	Bad bonds:	17 / 264	6.44%	Goal: 0%
	Bad angles:	26 / 363	7.16%	Goal: <0.1%
Peptide Omegas	Cis Prolines:	0 / 11	0.00%	Expected: ≤1 per chain, or ≤5%
	Cis nonProlines:	1 / 27	3.70%	Goal: <0.05%
	Twisted Peptides:	4 / 38	10.53%	Goal: 0

In the two column results, the left column gives the raw count, right column gives the percentage.

* 100th percentile is the best among structures of comparable resolution; 0th percentile is the worst. For clashscore the comparative set of structures was selected in 2004, for MolProbity score in 2006.

^ MolProbity score combines the clashscore, rotamer, and Ramachandran evaluations into a single score, normalized to be on the same scale as X-ray resolution.

Multi-criterion visualizations

View (48 Kb)

Single-criterion visualizations

- **Clash list** (1 Kb): View

- **Ramachandran plot kinemage** (407 Kb): View in KiNG | Download
- **Ramachandran plot PDF** (1.7 Mb): View
- **Cβ deviation scatter plot** (12 Kb): View in KiNG | Download

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