



Analysis output: all-atom contacts and geometry for CABP2_71-220H.pdb

Summary statistics

All-Atom Contacts	Clashscore, all atoms:	25.39	21 st percentile* (N=1784, all resolutions)	
	Clashscore is the number of serious steric overlaps (> 0.4 Å) per 1000 atoms.			
Protein Geometry	Poor rotamers	6	4.69%	Goal: <0.3%
	Favored rotamers	115	89.84%	Goal: >98%
	Ramachandran outliers	0	0.00%	Goal: <0.05%
	Ramachandran favored	144	97.30%	Goal: >98%
	MolProbity score^	2.54	45 th percentile* (N=27675, 0Å - 99Å)	
	Cβ deviations >0.25Å	1	0.74%	Goal: 0
	Bad bonds:	1 / 1210	0.08%	Goal: 0%
	Bad angles:	8 / 1621	0.49%	Goal: <0.1%
Peptide Omegas	Cis Prolines:	0 / 3	0.00%	Expected: ≤1 per chain, or ≤5%

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](#) (165 Kb)

Single-criterion visualizations

- **Clash list** (2.7 Kb): [View](#)
- **Ramachandran plot kinemage** (413 Kb): [View in KiNG](#) | [Download](#)
- **Ramachandran plot PDF** (1.7 Mb): [View](#)
- **C β deviation scatter plot** (18 Kb): [View in KiNG](#) | [Download](#)

