



Analysis output: all-atom contacts and geometry for SCN7A_1510-1649H.pdb

Summary statistics

All-Atom Contacts	Clashscore, all atoms:	17.44	40 th percentile* (N=1784, all resolutions)	
	Clashscore is the number of serious steric overlaps (> 0.4 Å) per 1000 atoms.			
Protein Geometry	Poor rotamers	2	1.60%	Goal: <0.3%
	Favored rotamers	121	96.80%	Goal: >98%
	Ramachandran outliers	0	0.00%	Goal: <0.05%
	Ramachandran favored	130	94.20%	Goal: >98%
	MolProbity score^	2.29	59 th percentile* (N=27675, 0Å - 99Å)	
	Cβ deviations >0.25Å	0	0.00%	Goal: 0
	Bad bonds:	2 / 1155	0.17%	Goal: 0%
	Bad angles:	3 / 1556	0.19%	Goal: <0.1%
Peptide Omegas	Cis Prolines:	2 / 7	28.57%	Expected: ≤1 per chain, or ≤5%
	Cis nonProlines:	2 / 132	1.52%	Goal: <0.05%

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](#) (155 Kb)

Single-criterion visualizations

- **Clash list** (1.9 Kb): [View](#)
- **Ramachandran plot kinemage** (413 Kb): [View in KiNG](#) | [Download](#)

- **Ramachandran plot PDF** (1.7 Mb): [View](#)
- **C β deviation scatter plot** (19 Kb): [View in KiNG](#) | [Download](#)

[Continue >](#)