



# Analysis output: all-atom contacts and geometry for EPS8L2\_494-555H.pdb

## Summary statistics

|                      |   |         |  |                                |
|----------------------|---|---------|--|--------------------------------|
| All-Atom<br>Contacts | Clashscore, all atoms:  | 18.27   | 37 <sup>th</sup> percentile* (N=1784, all resolutions) |                                |
|                      | Clashscore is the number of serious steric overlaps (> 0.4 Å) per 1000 atoms. |         |  |                                |
| Protein<br>Geometry  | Poor rotamers   | 3       | 5.88%  | Goal: <0.3%                    |
|                      | Favored rotamers  | 40      | 78.43%   | Goal: >98%                     |
|                      | Ramachandran outliers   | 0       | 0.00%  | Goal: <0.05%                   |
|                      | Ramachandran favored  | 56      | 93.33%   | Goal: >98%                     |
|                      | MolProbity score^   | 2.78    | 32 <sup>nd</sup> percentile* (N=27675, 0Å - 99Å)       |                                |
|                      | Cβ deviations >0.25Å  | 0       | 0.00%  | Goal: 0                        |
|                      | Bad bonds:  | 0 / 506 | 0.00%  | Goal: 0%                       |
|                      | Bad angles:   | 0 / 684 | 0.00%  | Goal: <0.1%                    |
| Peptide Omegas       | Cis Prolines:   | 0 / 2   | 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.

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

<sup>^</sup> 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](#) (70 Kb)

## Single-criterion visualizations

- **Clash list** (932 bytes): [View](#)
- **Ramachandran plot kinemage** (408 Kb): [View in KiNG](#) | [Download](#)
- **Ramachandran plot PDF** (1.7 Mb): [View](#)
- **C $\beta$  deviation scatter plot** (14 Kb): [View in KiNG](#) | [Download](#)

