

Summary of integrative structure determination of Integrative model of full-length RAGE in complex with S100B (PDB ID: 9A18 | pdb_00009a18, PDB-Dev ID: PDBDEV_00000080)

1. Model Composition	
1.1. Entry composition	- RAGE: chain(s) A, B, C, D (383 residues) - S100B: chain(s) E, F, G, H (91 residues)
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00004ybh - Experimental model, PDB: pdb_00004xyn - Experimental model, PDB: pdb_00005d7f - Crosslinking-MS data, MASSIVE: MSV000086438 - Crosslinking-MS data, MASSIVE: MSV000086437 - H/D exchange data, MASSIVE: MSV000086718
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 12
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: BS3, 27 crosslinks - 1 unique CrossLinkRestraint: BS3, 39 crosslinks
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	1
4.5. Model precision	Not available
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of atomic segments	- Clashscore: 16.39 - Ramachandran outliers: 15 - Sidechain outliers: 6
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 92.42%
4.9. Fit to data used for validation	Fit of model to information not used to compute it has not been determined
5. Methodology and Software	
1. 5.1. Method name	modeling

<i>5.2. Method type</i>	?
<i>5.3. Method description</i>	?
<i>5.4. Number of computed models</i>	?
<i>5.5. Software</i>	ROSETTA (version Not available)