

Summary of integrative structure determination of Serum Albumin Domain A Structure (PDB ID: 8ZZ5 | pdb_00008zz5, PDB-Dev ID: PDBDEV_00000005)

1. Model Composition	
1.1. Entry composition	HSA_A: chain(s) A (197 residues)
1.2. Datasets used for modeling	- Crosslinking-MS data, PRIDE: PXD001692 - Predicted contacts, Zenodo: 10.5281/zenodo.1035833
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	1, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestrict: sulfo-SDA, 320 crosslinks - 99 unique PredictedContactRestrict: Distance: 8.0
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	5
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: 3.84-8.31 - Ramachandran outliers: 1-3 - Sidechain outliers: 0-4
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 68.75-82.19%
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	
5.1. Method name	Conformational search
5.2. Method type	Model-based search (MBS) in Rosetta
5.4. Number of computed models	5000

[5.5. Software](#)

- [Rosetta MBS](#) (version Not available)
- [EPC-map](#) (version Not available)