Summary of integrative structure determination of Structure of complement C3(H2O) revealed by quantitative cross-linking/mass spectrometry and modeling (PDB ID: 8ZZL | pdb_00008zzl, PDB-Dev ID: PDBDEV_00000021)

1. Model Composition	
1.1. Entry composition	- beta: chain(s) A (645 residues) - alpha: chain(s) B (992 residues)
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00002a73 - Experimental model, PDB: pdb_00002i07 - Mass Spectrometry data, PRIDE: PXD003486 - Crosslinking-MS data, Zenodo: 10.5281/zenodo.1285940
2. Representation	
2.1. Number of representations	1
2.2. Scale	Coarse-grained: 1 residue(s) per bead
2.3. Number of rigid and flexible segments	13, 12
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: BS3, 115 crosslinks
4. Validation	
4.2. Number of ensembles	4
4.3. Number of models in ensembles	200, 200, 89, 111
4.4. Number of deposited models	4
4.5. Model precision	- 18.71, Å - 10.44, Å - 16.24, Å - 14.62, Å
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of excluded volume	Satisfaction: 99.71-99.73%
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 70.83-75.28%
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	Sampling
5.2. Method type	Replica exchange monte carlo
5.4. Number of computed models	200000
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5.4. Number of computed models	200000
5.5. Software	- Integrative Modeling Platform (IMP) (version develop-0a5706e202) - IMP PMI module (version 67456c0)