

Summary of integrative structure determination of Structure of K63-linked Diubiquitin (PDB ID: 8ZZ4 | pdb_00008zz4, PDB-Dev ID: PDBDEV_00000004)

1. Model Composition	
1.1. Entry composition	Ubiquitin: chain(s) A, B (76 residues)
1.2. Datasets used for modeling	<ul style="list-style-type: none"> - SAS data, SASBDB: SASDCG7 - Experimental model, PDB: pdb_00001ubq - Experimental model, PDB: pdb_00002n2k - Crosslinking-MS data, Zenodo: 10.5281/zenodo.1006721 - Single molecule FRET data, Zenodo: 10.5281/zenodo.1006721
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 2
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	<ul style="list-style-type: none"> - 1 unique CrossLinkRestraint: EGS, 1 crosslinks - 1 unique CrossLinkRestraint: BS3, 1 crosslinks - 1 unique CrossLinkRestraint: BS2G, 1 crosslinks - 1 unique CrossLinkRestraint: DST, 1 crosslinks
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	3
4.5. Model precision	Not available
4.6. Data quality	SASDCG7: Rg from Guinier is 2.0 nm and Rg from p(r) is 2.1 nm
4.7. Model quality: assessment of atomic segments	<ul style="list-style-type: none"> - Clashscore: 0.00-4.07 - Ramachandran outliers: 1-1 - Sidechain outliers: 8-9
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 0.00-25.00%
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	

<i>1. 5.1. Method name</i>	Not available
<i>5.5. Software</i>	Software details not provided