

Summary of integrative structure determination of Insight into the structure of the unstructured tau protein (PDB ID: 8ZZX | pdb_00008zzx, PDB-Dev ID: PDBDEV_00000033)

1. Model Composition	
1.1. Entry composition	tau protein: chain(s) A (441 residues)
1.2. Datasets used for modeling	<ul style="list-style-type: none"> - Crosslinking-MS data, PRIDE: PXD015044 - Other, PRIDE: PXD015044 - Other, Not available
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 1
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: SDA, 26 crosslinks - 1 unique CrossLinkRestraint: DSA, 60 crosslinks - 1 unique CrossLinkRestraint: DSG, 16 crosslinks - 1 unique CrossLinkRestraint: DSG, 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	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	<ul style="list-style-type: none"> - Clashscore: 18.53 - Ramachandran outliers: 11 - Sidechain outliers: 58
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 0.00%
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	
1. 5.1. Method name	Discrete Molecular Dynamics
5.2. Method type	Protein folding

<i>5.4. Number of computed models</i>	?
<i>5.5. Software</i>	<ul style="list-style-type: none">- piDMD (version Not available)- GROMACS (version 2018)