

Summary of integrative structure determination of The ensemble structure of alpha-synuclein monomer (PDB ID: 9A1A | pdb_00009a1a, PDB-Dev ID: PDBDEV_0000082)

1. Model Composition	
1.1. Entry composition	alpha-synuclein: chain(s) A (140 residues)
1.2. Datasets used for modeling	- Other, Not available: 10.1016/j.jmb.2010.11.011
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	
4. Validation	
4.2. Number of ensembles	8
4.3. Number of models in ensembles	None, None, None, None, None, None, None, None
4.4. Number of deposited models	8
4.5. Model precision	- Not available - Not available
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of atomic segments	- Clashscore: 7.94-17.37 - Ramachandran outliers: 22-33 - Sidechain outliers: 20-27
4.8. Fit to data used for modeling	Fit of model to information used to compute it has not been determined
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>	Discrete molecular dynamics simulations
<i>5.4. Number of computed models</i>	30303
<i>5.5. Software</i>	- piDMD (version Not available) - TTClust (version Not available)