

Summary of integrative structure determination of Structure of SH3 domain from chicken alpha spectrin determined using restraints from solid-state NMR (PDB ID: 9A3E | pdb_00009a3e, PDB-Dev ID: PDBDEV_00000199)

1. Model Composition	
1.1. Entry composition	spectrin alpha chain: chain(s) A (62 residues)
1.2. Datasets used for modeling	<ul style="list-style-type: none"> - Experimental model, PDB: pdb_00002nuz - Experimental model, PDB: pdb_00006scw - NMR data, BMRB: 34785 - Experimental model, PDB: pdb_00008cf4
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 3
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 2 unique DerivedDistanceRestraint: Upper Bound Distance: 4.882
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	16
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: 0.00-1.96 - Ramachandran outliers: 0-3 - Sidechain outliers: 0-6
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	
1. 5.1. Method name	modeling

5.2. Method type	Restrained Molecular Dynamics Simulation
5.4. Number of computed models	256000
5.5. Software	GROMACS (version 2019.2)