Summary of integrative structure determination of Structures of the PSG Supramodule of PSD-95 Resolved by Integrative FRET (PDB ID: 9A2E | pdb_00009a2e, PDB-Dev ID: PDBDEV_00000161)

1. Model Composition	
1.1. Entry composition	Postsynaptic density protein 95 (PSD95) Wild-Type: chain(s) A (724 residues)

1.2. Datasets used for modeling	- Single molecule FRET data, Zenodo: 10.5281/zenodo.7125978 - Predicted contacts, Zenodo: 10.5281/zenodo.7125978 - Predicted contacts, Zenodo: 10.5281/zenodo.7125978 - Predicted contacts, Zenodo: 10.5281/zenodo.7125978 - Predicted contacts, Zenodo: 10.5281/zenodo.7125978 - Comparative model, Zenodo: 10.5281/zenodo.7125978 - Integrative model, Not available - Experimental model, Zenodo: 10.5281/zenodo.7125978 - Experimental model, Zenodo: 10.5281/zenodo.7125978 - Other, Not available

2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	1, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 4 unique PredictedContactRestraint: Lower Upper Bound Distance: 2.0-3.0
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	4
4.5. Model precision	Not available
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of atomic segments	- Clashscore: 7.08-8.23 - Ramachandran outliers: 12-12 - Sidechain outliers: 55-56
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	FRET-guided rigid body docking
2. 5.1. Method name	FRET-guided rigid body docking with disulfide mapping restraints
5.5. Software	FRET Positioning and Screening (FPS) (version 1.100)