Summary of integrative structure determination of Structures of multiple states of the T4 lysozyme resolved by FRET with kinetics for free enzyme state (PDB ID: 9A08 | pdb_00009a08, PDB-Dev ID: PDBDEV_00000044)

1. Model Composition	
1.1. Entry composition	T4L: chain(s) A (164 residues)
1.2. Datasets used for modeling	- Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo:

	10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Ensemble FRET data, Zenodo: 10.5281/zenodo.3376527 - Experimental model, PDB: pdb_00001721 - Experimental model, PDB: pdb_00001481 - Single molecule FRET data, Zenodo: 10.5281/zenodo.3376527
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	
4. Validation	
4.2. Number of ensembles	2
4.3. Number of models in ensembles	119, 164
4.4. Number of deposited models	283
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: 16.18-64.44 - Ramachandran outliers: 0-12 - Sidechain outliers: 14-40
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	free NMSim
2. 5.1. Method name	FRET-guided NMSim
3. 5.1. Method name	FRET screening
5.5. Software	- Olga (version Not available) - NMSim (version Not available)