Summary of integrative structure determination of SARS-CoV-2 nsp7-8 polyprotein (PDB ID: 9A1T | pdb_00009a1t, PDB-Dev ID: PDBDEV_00000119)

1. Model Composition	
1.1. Entry composition	SARS-CoV-2 nsp7-8 polyprotein: chain(s) A (283 residues)
1.2. Datasets used for modeling	- Crosslinking-MS data, PRIDE: PXD033748 - H/D exchange data, PRIDE: PXD033698 - SAS data, SASBDB: SASDPY2 - Experimental model, PDB: pdb_00006yhu - De Novo model, Not available
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 5
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: DSSO, 46 crosslinks - 1 unique SASRestraint: Assembly name: SARS-CoV-2 nsp7-8 polyprotein Fitting method: CRYSOL Multi-state: False
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	10
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: 1.81-24.47 - Ramachandran outliers: 15-48 - Sidechain outliers: 20-37
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 60.87-78.26%
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	Integrative modeling
5.5. Software	I-TASSER (version Not available)