

**Summary of integrative structure determination of SARS-CoV-2 nsp7-11 polyprotein
(PDB ID: 9A1U, PDB-Dev ID: PDBDEV_00000120)**

1. Model Composition	
Entry composition	SARS-CoV-2 nsp7-11 polyprotein: Chain A (548 residues)
Datasets used for modeling	<ul style="list-style-type: none"> - Crosslinking-MS data, Linker name and number of cross-links: DSSO, 97 cross-links - H/D exchange data, PRIDE: PXD033698 - SAS data, SASBDB: SASDP23 - Integrative model, PDB-Dev: PDBDEV_00000119 - De Novo model, Not available
2. Representation	
Resolution	Atomic
Number of rigid bodies, flexible units	0, 3
Flexible units	A: 1-283, 1-283, 284-548
Structural coverage (rigid bodies)	100%
3. Restraints	
Physical principles	Information about physical principles was not provided
Experimental data	<ul style="list-style-type: none"> - 1 unique CrossLinkRestraint: DSSO, 97 cross-links - 1 unique SASRestraint: Assembly name: SARS-CoV-2 nsp7-11 polyprotein Fitting method: CRY SOL Multi-state: False
4. Validation	
Number of ensembles	0
Number of models in ensembles	Not applicable
Number of deposited models	10
Model precision (uncertainty of models)	Model precision can not be calculated with one structure
Data quality	

<p><i>Model quality: assessment of atomic segments</i></p>	<ul style="list-style-type: none"> - Model-1: Clashscore = 157.86, Number of Ramachandran outliers = 45, Number of sidechain outliers = 15 - Model-2: Clashscore = 158.7, Number of Ramachandran outliers = 74, Number of sidechain outliers = 33 - Model-3: Clashscore = 146.36, Number of Ramachandran outliers = 42, Number of sidechain outliers = 25 - Model-4: Clashscore = 117.53, Number of Ramachandran outliers = 40, Number of sidechain outliers = 16 - Model-5: Clashscore = 135.35, Number of Ramachandran outliers = 40, Number of sidechain outliers = 24 - Model-6: Clashscore = 141.21, Number of Ramachandran outliers = 45, Number of sidechain outliers = 19 - Model-7: Clashscore = 144.21, Number of Ramachandran outliers = 64, Number of sidechain outliers = 23 - Model-8: Clashscore = 140.29, Number of Ramachandran outliers = 52, Number of sidechain outliers = 21 - Model-9: Clashscore = 152.87, Number of Ramachandran outliers = 34, Number of sidechain outliers = 27 - Model-10: Clashscore = 216.48, Number of Ramachandran outliers = 33, Number of sidechain outliers = 35
<p><i>Model quality: assessment of excluded volume</i></p>	<p>Not applicable</p>
<p><i>Fit to data used for modeling</i></p>	<p>Fit of model to information used to compute it has not been determined</p>
<p><i>Fit to data used for validation</i></p>	<p>Fit of model to information not used to compute it has not been determined</p>
<p>5. Methodology and Software</p>	
<p><i>1. Method</i></p>	<p>Integrative modeling</p>
<p><i>Name</i></p>	<p>None</p>
<p><i>Software</i></p>	<p>I-TASSER (version Not available)</p>