

**Summary of integrative structure determination of SARS-CoV-2 nsp7-11 polyprotein (PDB ID: 9A1U | pdb\_00009a1u, PDB-Dev ID: PDBDEV\_00000120 )**

<b>1. Model Composition</b>	
<a href="#">1.1. Entry composition</a>	SARS-CoV-2 nsp7-11 polyprotein: chain(s) A (548 residues)
<a href="#">1.2. Datasets used for modeling</a>	<ul style="list-style-type: none"> <li>- Crosslinking-MS data, PRIDE: <a href="#">PXD033748</a></li> <li>- H/D exchange data, PRIDE: <a href="#">PXD033698</a></li> <li>- SAS data, SASBDB: <a href="#">SASDP23</a></li> <li>- Integrative model, PDB: <a href="#">pdb_00009a1t</a></li> <li>- De Novo model, Not available</li> </ul>
<b>2. Representation</b>	
<a href="#">2.1. Number of representations</a>	1
<a href="#">2.2. Scale</a>	Atomic
<a href="#">2.3. Number of rigid and flexible segments</a>	0, 3
<b>3. Restraints</b>	
<a href="#">3.1. Physical principles</a>	Information about physical principles was not provided
<a href="#">3.2. Experimental data</a>	<ul style="list-style-type: none"> <li>- 1 unique CrossLinkRestraint: DSSO, 97 crosslinks</li> <li>- 1 unique SASRestraint: Assembly name: SARS-CoV-2 nsp7-11 polyprotein Fitting method: CRY SOL Multi-state: False</li> </ul>
<b>4. Validation</b>	
<a href="#">4.2. Number of ensembles</a>	0
<a href="#">4.3. Number of models in ensembles</a>	Not applicable
<a href="#">4.4. Number of deposited models</a>	10
<a href="#">4.5. Model precision</a>	Not available
<a href="#">4.6. Data quality</a>	Data quality has not been assessed
<a href="#">4.7. Model quality: assessment of atomic segments</a>	<ul style="list-style-type: none"> <li>- Clashscore: 117.53-216.48</li> <li>- Ramachandran outliers: 33-74</li> <li>- Sidechain outliers: 15-35</li> </ul>
<a href="#">4.8. Fit to data used for modeling</a>	Satisfaction of crosslinks: 50.52-69.07%
<a href="#">4.9. Fit to data used for validation</a>	Fit of model to information not used to compute it has not been determined
<b>5. Methodology and Software</b>	

---

<i>1. <a href="#">5.1. Method name</a></i>	Integrative modeling
<i><a href="#">5.5. Software</a></i>	<a href="#">I-TASSER</a> (version Not available)