

Summary of integrative structure determination of NMR-based structure of SARS-CoV-2 ORF6 accessory protein in liposomes (PDB ID: 9A8Y | pdb_00009a8y)

1. Model Composition	
1.1. Entry composition	SARS-CoV-2 ORF6 accessory protein: chain(s) A (61 residues)
1.2. Datasets used for modeling	- NMR data, BMRB: 52654
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 1
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	
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: 0.00-1.92 - Ramachandran outliers: 0-0 - Sidechain outliers: 0-1
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	Model generation
5.2. Method type	CS-Rosetta Fold and Dock (C2 Symmetry)
5.3. Method description	Generation of 5000 Fold and Dock models

5.4. Number of computed models	5000
2. 5.1. Method name	Remove chain B
5.3. Method description	Remove the chain B of the dimer
5.4. Number of computed models	5000
5.5. Software	<ul style="list-style-type: none">- CS-Rosetta (version 2.0)- Pymol (version 2.5)- Topspin (version 3.5, 4.0.9 and 4.1)- CCPNMR (version 3.2)- NMRbox (version Not available)
