

**Summary of integrative structure determination of Comprehensive structure and functional adaptations of the yeast nuclear pore complex (PDB ID: 9A1P | pdb\_00009a1p, PDB-Dev ID: PDBDEV\_0000097 )**

<b>1. Model Composition</b>	
<a href="#">1.1. Entry composition</a>	<ul style="list-style-type: none"> <li>- Nup170: chain(s) 0, Y (1502 residues)</li> <li>- Nup157: chain(s) 1, Z (1391 residues)</li> <li>- Nsp1: chain(s) A, D, G, J (823 residues)</li> <li>- Nup57: chain(s) B, E, H, K (541 residues)</li> <li>- Nup49: chain(s) C, F, I, L (472 residues)</li> <li>- Nup192: chain(s) M, O (1683 residues)</li> <li>- Nup188: chain(s) N, P (1655 residues)</li> <li>- Nic96: chain(s) Q, R, S, T (839 residues)</li> <li>- Nup53: chain(s) U, W (475 residues)</li> <li>- Nup59: chain(s) V, X (528 residues)</li> </ul>
<a href="#">1.2. Datasets used for modeling</a>	<ul style="list-style-type: none"> <li>- Crosslinking-MS data, Zenodo: <a href="https://zenodo.org/record/5662389">10.5281/zenodo.5662389</a></li> <li>- 3DEM volume, EMDB: <a href="https://www.ebi.ac.uk/emdb/EMD-24232">EMD-24232</a></li> <li>- Experimental model, PDB: <a href="https://www.rcsb.org/structure/pdb_00007n85">pdb_00007n85</a></li> </ul>
<b>2. Representation</b>	
<a href="#">2.1. Number of representations</a>	1
<a href="#">2.2. Scale</a>	Coarse-grained: 1 residue(s) per bead
<a href="#">2.3. Number of rigid and flexible segments</a>	28, 0
<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>	- 1 unique CrossLinkRestraint: DSS, 114 crosslinks
<b>4. Validation</b>	
<a href="#">4.2. Number of ensembles</a>	1
<a href="#">4.3. Number of models in ensembles</a>	10
<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>	EMD-24232: resolution is 7.60 Å
<a href="#">4.7. Model quality: assessment of excluded volume</a>	Satisfaction: 100.00-100.00%
<a href="#">4.8. Fit to data used for modeling</a>	Satisfaction of crosslinks: 50.00-100.00%
<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

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<b>5. Methodology and Software</b>	
1. <a href="#">5.1. Method name</a>	Production sampling
<a href="#">5.2. Method type</a>	Enumeration
<a href="#">5.4. Number of computed models</a>	1200
<a href="#">5.5. Software</a>	- <a href="#">PSIPRED</a> (version 4.0) - <a href="#">Integrative Modeling Platform (IMP)</a> (version 2.2)