

**Summary of integrative structure determination of Integrative structure of the non-canonical human COP9 Signalosome (PDB ID: 9A02 | pdb\_00009a02, PDB-Dev ID: PDBDEV\_00000038 )**

<b>1. Model Composition</b>	
<a href="#">1.1. Entry composition</a>	<ul style="list-style-type: none"> <li>- CSN1: chain(s) A (491 residues)</li> <li>- CSN2: chain(s) B (443 residues)</li> <li>- CSN3: chain(s) C (423 residues)</li> <li>- CSN4: chain(s) D (406 residues)</li> <li>- CSN5: chain(s) E (334 residues)</li> <li>- CSN6: chain(s) F (327 residues)</li> <li>- CSN7: chain(s) G (264 residues)</li> <li>- CSN8: chain(s) H (209 residues)</li> <li>- CSN9: chain(s) I (57 residues)</li> </ul>
<a href="#">1.2. Datasets used for modeling</a>	<ul style="list-style-type: none"> <li>- Experimental model, Zenodo: <a href="https://zenodo.org/record/3827934">10.5281/zenodo.3827934</a></li> <li>- Comparative model, Zenodo: <a href="https://zenodo.org/record/3827934">10.5281/zenodo.3827934</a></li> <li>- Experimental model, PDB: <a href="https://www.rcsb.org/entry/pdb/entry/pdb_00004d10">pdb_00004d10</a></li> <li>- Experimental model, Zenodo: <a href="https://zenodo.org/record/3827934">10.5281/zenodo.3827934</a></li> <li>- Comparative model, Zenodo: <a href="https://zenodo.org/record/3827934">10.5281/zenodo.3827934</a></li> <li>- Crosslinking-MS data, Zenodo: <a href="https://zenodo.org/record/3827934">10.5281/zenodo.3827934</a></li> </ul>
<b>2. Representation</b>	
<a href="#">2.1. Number of representations</a>	1
<a href="#">2.2. Scale</a>	Multiscale: Coarse-grained: 1 - 10 residue(s) per bead
<a href="#">2.3. Number of rigid and flexible segments</a>	23, 29
<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 CrossLinkRestrict: DSSO, 86 crosslinks</li> <li>- 1 unique CrossLinkRestrict: DSSO, 186 crosslinks</li> <li>- 1 unique CrossLinkRestrict: BMSO, 75 crosslinks</li> <li>- 1 unique CrossLinkRestrict: BMSO, 34 crosslinks</li> <li>- 1 unique CrossLinkRestrict: DHSO, 107 crosslinks</li> <li>- 1 unique CrossLinkRestrict: DHSO, 131 crosslinks</li> </ul>
<b>4. Validation</b>	
<a href="#">4.2. Number of ensembles</a>	1
<a href="#">4.3. Number of models in ensembles</a>	125750

<a href="#">4.4. Number of deposited models</a>	1
<a href="#">4.5. Model precision</a>	22.00, Å
<a href="#">4.6. Data quality</a>	Data quality has not been assessed
<a href="#">4.7. Model quality: assessment of excluded volume</a>	Satisfaction: 99.79%
<a href="#">4.8. Fit to data used for modeling</a>	Satisfaction of crosslinks: 63.25%
<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>	
1. <a href="#">5.1. Method name</a>	Sampling
<a href="#">5.2. Method type</a>	Replica exchange monte carlo
<a href="#">5.4. Number of computed models</a>	7500000
<a href="#">5.5. Software</a>	<ul style="list-style-type: none"> <li>- <a href="#">IMP PMI module</a> (version 20200514.develop.17be5981c6)</li> <li>- <a href="#">Integrative Modeling Platform (IMP)</a> (version 20200514.develop.17be5981c6)</li> <li>- <a href="#">MODELLER</a> (version SVN)</li> </ul>