

**Summary of integrative structure determination of Integrative structure of the yeast
gammaTuSC-Spc110 dimer complex (PDB ID: 9A16 | pdb_00009a16, PDB-Dev ID:
PDBDEV_0000078)**

1. Model Composition	
1.1. Entry composition	<ul style="list-style-type: none"> - Spc97: chain(s) A (823 residues) - Spc98: chain(s) B (846 residues) - Tub4: chain(s) C, D (473 residues) - Spc110: chain(s) E, F (222 residues)
1.2. Datasets used for modeling	<ul style="list-style-type: none"> - Experimental model, PDB: pdb_00005flz - Crosslinking-MS data, Zenodo: 10.5281/zenodo.4584457 - Crosslinking-MS data, Zenodo: 10.5281/zenodo.4584457
2. Representation	
2.1. Number of representations	1
2.2. Scale	Multiscale: Coarse-grained: 1 - 20 residue(s) per bead
2.3. Number of rigid and flexible segments	0, 37
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	<ul style="list-style-type: none"> - 1 unique CrossLinkRestraint: EDC, 44 crosslinks - 1 unique CrossLinkRestraint: DSS, 42 crosslinks
4. Validation	
4.2. Number of ensembles	1
4.3. Number of models in ensembles	2840
4.4. Number of deposited models	1
4.5. Model precision	18.60, Å
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of excluded volume	Satisfaction: 99.76%
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 24.42%
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	Sampling

<i>5.2. Method type</i>	Replica exchange monte carlo
<i>5.4. Number of computed models</i>	500000
<i>5.5. Software</i>	- IMP PMI module (version 2.14.0) - Integrative Modeling Platform (IMP) (version 2.14.0)