Table S1: Summary of Integrative Structure Determination of Yeast Exocyst Complex (PDBDEV_000000XX)

1. Model Composition	
Entry composition	- Sec03: Chain A (1336 residues) - Sec05: Chain B (971 residues) - Sec06: Chain C (805 residues) - Sec08: Chain D (1065 residues) - Sec10: Chain E (871 residues) - Sec15: Chain F (910 residues) - Exo70: Chain G (623 residues) - Exo84: Chain H (753 residues)
Datasets used for modeling	- Comparative model, template PDB ID: 2PFT - Comparative model, template PDB ID: 2D2S - Comparative model, template PDB ID: 2A2F - Experimental model, PDB ID: 2FJI - Comparative model, template PDB ID: 3FHN - Comparative model, template PDB ID: 2D2S - Comparative model, template PDB ID: 5H11 - Comparative model, template PDB ID: 3FHN - Experimental model, PDB ID: 2D2S - Comparative model, template PDB ID: 1ZC3 - Experimental model, PDB ID: 2B1E - CX-MS data, Linker name: DSS, Number of cross-links: 256 cross-links - CX-MS data, Linker name: BS3, Number of cross-links: 178 cross-links - 3DEM volume, EMDB ID: EMD-XXX
2 Panyagantation	
2. Representation	
Atomic structural coverage	51 %
•	51 % 11, 48
Atomic structural coverage	

	- F: 1-473, 526-565, 640-662, 686-702, 769-910. - G: 1-66, 117-120, 222-233, 296-300, 415-418. - H: 1-343, 452-524, 571-577, 648-649, 712-714.
Resolution	Rigid bodies: 1 residue per bead. Flexible regions: 50 residues per bead.
3. Restraints	
Physical principles	Excluded volume and Sequence connectivity.
Experimental data	- EM3DRestraint: 200, Gaussian mixture models - CrossLinkRestraint: 256 cross-links, DSS - CrossLinkRestraint: 178 cross-links, BS3
4. Validation	
Sampling validation	1. Sampling precision: 51 Å 2. p-value and D-statistic of non-parametric Kolmogorov-Smirnov two-sample test: p-value=0.1 (threshold p-value > 0.05), D-statistic=0.1 (threshold D-statistic < 0.3) 3. Homogeneity of proportions X² test: 0.0/0.098 (threshold p-value > 0.05 or Cramer's V <0.1)
Clustering algorithm ,clustering feature	distance threshold-based clustering,
Number of ensembles	1
Number of models in ensembles	9668
Model precision (uncertainty of models)	38 Å (average RMSF of the solution ensemble with respect to the centroid structure)
Quality of data	-
Assessment of atomic segments	-
Fit of the model to information used to compute it	Cross-links satisfaction: 98 % 3D-EM satisfaction/average cross-correlation between model and map densities: 0.82 Satisfaction of physical principles: 99 % sequence connectivity and 98 % excluded volume
Fit of the model to information not used to compute it	3D-EM satisfaction with previously published cryo-EM map (EMDB:6827)/average cross-correlation between model and map densities: 0.78 Cross-links satisfaction with previously published data (PMID: 29335562): 98 % In vivo inter subunit distance satisfaction (PMID: 28129539): 100 %
5. Methodology and Software	
Method	Sampling
<u>Name</u>	Replica exchange Monte Carlo

<u>Details</u>	 Replica exchange temperature range used: 1.0-5.0 Number of replicas: 8 Number of runs: 100 Number of structures generated: 2,000,000 Movers for rigid bodies: Random translation up to 4 Å, rotation up to 1.0 Å Movers for flexible units: Random translation up to 4 Å
<u>Software</u>	- IMP PMI module (version 2.11.1) - Integrative Modeling Platform (IMP) (version 2.11.1) - HHpred (version 2.0.16) - MODELLER (version 9.12) - Scripts and data: https://salilab.org/exocyst - Output files: https://zenodo.org/record/XXX