

Summary of integrative structure determination of Integrative Modeling of a Sin3/HDAC Complex Sub-structure (PDB ID: 9A07 | pdb_00009a07, PDB-Dev ID: PDBDEV_00000043)

1. Model Composition	
1.1. Entry composition	- SAP30L C terminal: chain(s) A (90 residues) - SAP30L N terminal: chain(s) B (68 residues) - SIN3A: chain(s) C (122 residues) - HDAC1: chain(s) D (369 residues)
1.2. Datasets used for modeling	- Comparative model, Not available - Comparative model, Not available - Comparative model, Not available - Comparative model, Not available - Crosslinking-MS data, MASSIVE: MSV000084311 - Experimental model, PDB: pdb_00002ld7 - Experimental model, PDB: pdb_00002n1u - Experimental model, PDB: pdb_00002n2h - Experimental model, PDB: pdb_00005ix0 - Mutagenesis data, Not available: 10.1074/jbc.RA119.009780
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	4, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: DSSO, 12 crosslinks - 16 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	1
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: 5.99 - Ramachandran outliers: 3 - Sidechain outliers: 46
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 100.00%

<i>4.9. Fit to data used for validation</i>	Fit of model to information not used to compute it has not been determined
5. Methodology and Software	
1. <i>5.1. Method name</i>	?
<i>5.2. Method type</i>	comparative modeling
<i>5.4. Number of computed models</i>	?
2. <i>5.1. Method name</i>	?
<i>5.2. Method type</i>	docking
<i>5.4. Number of computed models</i>	200
<i>5.5. Software</i>	- HADDOCK (version Not available) - SWISS-MODEL (version Not available)