

Summary of integrative structure determination of Integrative Modeling of a Sin3/HDAC Complex Sub-structure (PDB ID: 9A07, PDB-Dev ID: PDBDEV_0000043)

1. Model Composition	
Entry composition	<ul style="list-style-type: none"> - SAP30L N terminal: Chain B (68 residues) - HDAC1: Chain D (369 residues) - SIN3A: Chain C (122 residues) - SAP30L C terminal: Chain A (90 residues)
Datasets used for modeling	<ul style="list-style-type: none"> - Comparative model, template PDB ID: Not available - Comparative model, template PDB ID: Not available - Comparative model, template PDB ID: Not available - Comparative model, template PDB ID: Not available - Crosslinking-MS data, Linker name and number of cross-links: DSSO, 12 cross-links - Experimental model, PDB ID: 2LD7 - Experimental model, PDB ID: 2N1U - Experimental model, PDB ID: 2N2H - Experimental model, PDB ID: 5IX0 - Mutagenesis data, File: 10.1074/jbc.RA119.009780
2. Representation	
Resolution	Atomic
Number of rigid bodies, flexible units	4, 0
Rigid bodies	<ul style="list-style-type: none"> - A: 1-90 - B: 1-68 - C: 1-122 - D: 1-369
Structural coverage (rigid bodies)	100%
3. Restraints	
Physical principles	Information about physical principles was not provided
Experimental data	<ul style="list-style-type: none"> - 1 unique CrossLinkRestraint: DSSO, 12 cross-links - 16 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
4. Validation	
Number of ensembles	0
Number of models in ensembles	Not applicable
Number of deposited models	1

<i>Model precision (uncertainty of models)</i>	Model precision can not be calculated with one structure
<i>Data quality</i>	Data quality has not been assessed
<i>Model quality: assessment of atomic segments</i>	Model-1: Clashscore = 5.99, Number of Ramachandran outliers = 3, Number of sidechain outliers = 47
<i>Model quality: assessment of excluded volume</i>	Not applicable
<i>Fit to data used for modeling</i>	Fit of model to information used to compute it has not been determined
<i>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	
<i>1. Method</i>	?
<i>Name</i>	comparative modeling
<i>Number of computed models</i>	?
<i>2. Method</i>	?
<i>Name</i>	docking
<i>Number of computed models</i>	200
<i>Software</i>	- HADDOCK (version Not available) - SWISS-MODEL (version Not available)