

Summary of integrative structure determination of Complex of UbcH5c, RNF168-RING domain and the nucleosome (PDB ID: 8ZZT | [pdb_00008zzt](#), PDB-Dev ID: PDBDEV_00000029)

1. Model Composition	
1.1. Entry composition	- H3: chain(s) A, E (99 residues) - H4: chain(s) B, F (80 residues) - H2A N18S mutant: chain(s) C, G (107 residues) - H2B S121A mutant: chain(s) D, H (95 residues) - DNA strand 1: chain(s) I (147 residues) - DNA strand 2: chain(s) J (147 residues) - RNF168 RING domain: chain(s) K (91 residues) - UbcH5c: chain(s) L (153 residues)
1.2. Datasets used for modeling	- Integrative model, PDB: pdb_00008zzs - Experimental model, PDB: pdb_00001x23 - Other, Not available: 10.1038/s41467-019-09756-z
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 12
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 12 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 2.5 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 4.0 - 2 unique DerivedDistanceRestraint: Upper Bound Distance: 9.0
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	10
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: 9.38-10.63 - Ramachandran outliers: 3-9 - Sidechain outliers: 41-61

<i>4.8. Fit to data used for modeling</i>	Fit of model to information used to compute it has not been determined
<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>	Not available
<i>5.5. Software</i>	HADDOCK (version 2.2)