

Summary of integrative structure determination of Structural dynamics of the E6AP/UBE3A-E6-p53 enzyme-substrate complex (PDB ID: 8ZZM | pdb_00008zzm, PDB-Dev ID: PDBDEV_00000022)

1. Model Composition	
1.1. Entry composition	- E6AP HECT Domain: chain(s) A (852 residues) - E6: chain(s) B (151 residues)
1.2. Datasets used for modeling	- Crosslinking-MS data, Zenodo: 10.5281/zenodo.1346675 - Comparative model, Zenodo: 10.5281/zenodo.1346675 - Experimental model, PDB: pdb_00001c4z - Experimental model, PDB: pdb_00004xr8
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	2, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: DSS, 159 crosslinks
4. Validation	
4.2. Number of ensembles	1
4.3. Number of models in ensembles	500
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: 0.00 - Ramachandran outliers: 10 - Sidechain outliers: 24
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 90.91%
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	MC based Bayesian sampling using crosslinks

<i>5.2. Method type</i>	IMP
<i>5.4. Number of computed models</i>	720000
<i>5.5. Software</i>	Integrative Modeling Platform (IMP) (version git checkout 2018/01/08 (commit 5eb8151c651256d50bbcd847932bc913df94090c))