

Summary of integrative structure determination of N4BP1 CUE domain in complex with ubiquitin (PDB ID: 9A1L | pdb_00009a1l, PDB-Dev ID: PDBDEV_00000093)

1. Model Composition	
1.1. Entry composition	- N4BP1 CUE domain: chain(s) A (47 residues) - Ubiquitin: chain(s) B (76 residues)
1.2. Datasets used for modeling	- Integrative model, PDB: pdb_00009a14 - Experimental model, PDB: pdb_00001ubq - Other, Not available
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	2, 9
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1890 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: 0.00 - Ramachandran outliers: 0 - Sidechain outliers: 13
4.8. Fit to data used for modeling	Fit of model to information used to compute it has not been determined
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	Rigid-body minimization

<i>5.2. Method type</i>	Rigid-body minimization in HADDOCK (it0)
<i>5.4. Number of computed models</i>	1000
2. <i>5.1. Method name</i>	Simulated annealing
<i>5.2. Method type</i>	Semi-flexible SA in HADDOCK (it1)
<i>5.4. Number of computed models</i>	200
3. <i>5.1. Method name</i>	Refinement
<i>5.2. Method type</i>	Water refinement in HADDOCK (itw)
<i>5.4. Number of computed models</i>	200
<i>5.5. Software</i>	HADDOCK (version Not available)