

**Summary of integrative structure determination of N4BP1 CUE domain in complex with ubiquitin (PDB ID: 9A1L, PDB-Dev ID: PDBDEV\_0000093)**

<b>1. Model Composition</b>	
<a href="#">Entry composition</a>	- N4BP1 CUE domain: Chain A (47 residues) - Ubiquitin: Chain B (76 residues)
<a href="#">Datasets used for modeling</a>	- Integrative model, PDB-Dev: PDBDEV_0000076 - Experimental model, PDB ID: 1UBQ - Other, Not available
<b>2. Representation</b>	
<a href="#">Resolution</a>	Atomic
<a href="#">Number of <i>rigid bodies</i>, <i>flexible units</i></a>	2, 9
<a href="#">Rigid bodies</a>	- A: 1-47 - B: 1-76
<a href="#">Flexible units</a>	- A: 7-25, 27-28, 37-47 - B: 4-13, 27-27, 34-34, 36-36, 39-51, 66-76
<a href="#">Structural coverage (<i>rigid bodies</i>)</a>	100%
<b>3. Restraints</b>	
<a href="#">Physical principles</a>	Information about physical principles was not provided
<a href="#">Experimental data</a>	- 1890 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
<b>4. Validation</b>	
<a href="#">Number of ensembles</a>	0
<a href="#">Number of models in ensembles</a>	Not applicable
<a href="#">Number of deposited models</a>	1
<a href="#">Model precision (<i>uncertainty of models</i>)</a>	Model precision can not be calculated with one structure
<a href="#">Data quality</a>	Data quality has not been assessed
<a href="#">Model quality: <i>assessment of atomic segments</i></a>	Model-1: Clashscore = 0.0, Number of Ramachandran outliers = 0, Number of sidechain outliers = 13
<a href="#">Model quality: <i>assessment of excluded volume</i></a>	Not applicable

<a href="#"><i>Fit to data used for modeling</i></a>	Fit of model to information used to compute it has not been determined
<a href="#"><i>Fit to data used for validation</i></a>	Fit of model to information not used to compute it has not been determined
<b>5. Methodology and Software</b>	
1. <a href="#"><i>Method</i></a>	Rigid-body minimization
<a href="#"><i>Name</i></a>	Rigid-body minimization in HADDOCK (it0)
<a href="#"><i>Number of computed models</i></a>	1000
2. <a href="#"><i>Method</i></a>	Simulated annealing
<a href="#"><i>Name</i></a>	Semi-flexible SA in HADDOCK (it1)
<a href="#"><i>Number of computed models</i></a>	200
3. <a href="#"><i>Method</i></a>	Refinement
<a href="#"><i>Name</i></a>	Water refinement in HADDOCK (itw)
<a href="#"><i>Number of computed models</i></a>	200
<a href="#"><i>Software</i></a>	<a href="#">HADDOCK</a> (version Not available)