

**Summary of integrative structure determination of USP7 UBL 1-2 domains in complex with DNA polymerase iota peptide 438-448 (PDB ID: 9A0X | [pdb\\_00009a0x](#), PDB-Dev ID: PDBDEV\_0000069 )**

<b>1. Model Composition</b>	
<a href="#">1.1. Entry composition</a>	- DNA polymerase iota peptide 438-448: chain(s) A (11 residues) - USP7 UBL 1-2 domains: chain(s) B (214 residues)
<a href="#">1.2. Datasets used for modeling</a>	- Comparative model, Not available - Comparative model, Not available - Experimental model, PDB: <a href="#">pdb_00005gg4</a> - NMR data, BMRB: <a href="#">26782</a> - Mutagenesis data, Not available: <a href="#">10.1016/j.jmb.2020.166733</a>
<b>2. Representation</b>	
<a href="#">2.1. Number of representations</a>	1
<a href="#">2.2. Scale</a>	Atomic
<a href="#">2.3. Number of rigid and flexible segments</a>	2, 0
<b>3. Restraints</b>	
<a href="#">3.1. Physical principles</a>	Information about physical principles was not provided
<a href="#">3.2. Experimental data</a>	- 176 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
<b>4. Validation</b>	
<a href="#">4.2. Number of ensembles</a>	0
<a href="#">4.3. Number of models in ensembles</a>	Not applicable
<a href="#">4.4. Number of deposited models</a>	20
<a href="#">4.5. Model precision</a>	Not available
<a href="#">4.6. Data quality</a>	Data quality has not been assessed
<a href="#">4.7. Model quality: assessment of atomic segments</a>	- Clashscore: 7.83-12.87 - Ramachandran outliers: 1-4 - Sidechain outliers: 12-29
<a href="#">4.8. Fit to data used for modeling</a>	Fit of model to information used to compute it has not been determined
<a href="#">4.9. Fit to data used for validation</a>	Fit of model to information not used to compute it has not been determined

---

<b>5. Methodology and Software</b>	
1. <a href="#">5.1. Method name</a>	Not available
<a href="#">5.2. Method type</a>	docking
<a href="#">5.4. Number of computed models</a>	?
<a href="#">5.5. Software</a>	<ul style="list-style-type: none"><li>- <a href="#">MODELLER</a> (version Not available)</li><li>- <a href="#">HADDOCK</a> (version Not available)</li><li>- <a href="#">PYMOL</a> (version Not available)</li></ul>