

**Summary of integrative structure determination of Parathyroid hormone receptor type 1 in complex with a long-acting parathyroid hormone analog and arrestin 2 (4jqj-based template) (PDB ID: 9A3N, PDB-Dev ID: PDBDEV\_0000208)**

<b>1. Model Composition</b>	
<a href="#">Entry composition</a>	<ul style="list-style-type: none"> <li>- Long-acting parathyroid hormone analog: Chain C (32 residues)</li> <li>- PTH1R: Chain B (504 residues)</li> <li>- Arrestin2: Chain A (357 residues)</li> </ul>
<a href="#">Datasets used for modeling</a>	<ul style="list-style-type: none"> <li>- Crosslinking-MS data, Linker name and number of cross-links: BrEtY, 136 cross-links</li> <li>- Experimental model, PDB ID: 6NBF</li> <li>- Experimental model, PDB ID: 4JQI</li> <li>- Comparative model, template PDB ID: Not available</li> <li>- Comparative model, template PDB ID: Not available</li> <li>- De Novo model, Not available</li> </ul>
<b>2. Representation</b>	
<a href="#">Resolution</a>	Atomic
<a href="#">Number of rigid bodies, flexible units</a>	0, 3
<a href="#">Flexible units</a>	<ul style="list-style-type: none"> <li>- B: 1-504</li> <li>- A: 1-357</li> <li>- C: 1-32</li> </ul>
<a href="#">Structural coverage (rigid bodies)</a>	100%
<b>3. Restraints</b>	
<a href="#">Physical principles</a>	Information about physical principles was not provided
<a href="#">Experimental data</a>	- 1 unique CrossLinkRestraint: BrEtY, 136 cross-links
<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 (uncertainty of models)</a>	Model precision can not be calculated with one structure
<a href="#">Data quality</a>	Data quality has not been assessed

<a href="#"><i>Model quality: assessment of atomic segments</i></a>	Model-1: Clashscore = 1.96, Number of Ramachandran outliers = 10, Number of sidechain outliers = 10
<a href="#"><i>Model quality: 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>	None
<a href="#"><i>Name</i></a>	None
<a href="#"><i>Software</i></a>	<a href="#">ICM-Pro</a> (version v.3.9.2c)