

**Summary of integrative structure determination of Modeling of the GLP-1 receptor-Gs complex
(PDB ID: 9A3F | pdb_00009a3f, PDB-Dev ID: PDBDEV_00000200)**

1. Model Composition	
1.1. Entry composition	- GLP1R: chain(s) A (440 residues) - GLP1: chain(s) B (31 residues) - GA: chain(s) C (394 residues) - GB: chain(s) D (340 residues) - GG: chain(s) E (71 residues) - NB: chain(s) F (129 residues)
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00006x18 - Crosslinking-MS data, iProX: IPX0004576001 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Experimental model, Zenodo: 10.5281/zenodo.13325078 - Other, Zenodo: 10.5281/zenodo.13325078 - Other, Zenodo: 10.5281/zenodo.13325078 - Other, Zenodo: 10.5281/zenodo.13325078 - Other, Zenodo: 10.5281/zenodo.13325078
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 14
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: BS3, 228 crosslinks - 1 unique CrossLinkRestraint: DSG, 203 crosslinks - 1 unique CrossLinkRestraint: EDC, 126 crosslinks - 1 unique CrossLinkRestraint: KArGO, 40 crosslinks
4. Validation	
4.2. Number of ensembles	1
4.3. Number of models in ensembles	29999
4.4. Number of deposited models	7

<i>4.5. Model precision</i>	Not available
<i>4.6. Data quality</i>	Data quality has not been assessed
<i>4.7. Model quality: assessment of atomic segments</i>	- Clashscore: 144.74-227.11 - Ramachandran outliers: 117-164 - Sidechain outliers: 60-115
<i>4.8. Fit to data used for modeling</i>	Satisfaction of crosslinks: 94.64-96.48%
<i>4.9. Fit to data used for validation</i>	Fit of model to information not used to compute it has not been determined
5. Methodology and Software	
<i>1. <i>5.1. Method name</i></i>	Sampling
<i>5.2. Method type</i>	Replica exchange monte carlo
<i>5.4. Number of computed models</i>	844020
<i>5.5. Software</i>	- IMP PMI module (version Not available) - Integrative Modeling Platform (IMP) (version Not available) - MODELLER (version Not available)