

Summary of integrative structure determination of Structural model of UDP-glucose:glycoprotein glucosyl-transferase bound to Fab (PDB ID: 9A0I | pdb_00009a0i, PDB-Dev ID: PDBDEV_00000054)

1. Model Composition	
1.1. Entry composition	- TdUGGT: chain(s) A (1368 residues) - Fab Heavy Chain: chain(s) B [L] (214 residues) - Fab Light Chain: chain(s) C [H] (214 residues)
1.2. Datasets used for modeling	- 3DEM volume, EMDB: EMD-30386 - Other, Not available: 10.1038/s41598-017-12283-w - Experimental model, PDB: pdb_00005y7o - Experimental model, PDB: pdb_00005mu1 - Experimental model, PDB: pdb_00005h18 - Experimental model, PDB: pdb_00001fgn - Other, Not available
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	16, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 2 unique DerivedDistanceRestraint: restraint type DistanceRestraintOther - 2 unique EM3DRestraint: None
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	2
4.5. Model precision	Not available
4.6. Data quality	EMD-30386: resolution is 22.90 Å
4.7. Model quality: assessment of atomic segments	- Clashscore: 110.34-114.27 - Ramachandran outliers: 21-21 - Sidechain outliers: 47-47
4.8. Fit to data used for modeling	- 3DEM q-score(s): 0.04 - 3DEM atom inclusion score(s): 0.55
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	Fitting the TdUGGT and Fab models in the negative stain EM map
5.5. Software	- Coot (version Not available) - Modeller (version Not available) - Chimera (version Not available)