Summary of integrative structure determination of Invariant surface glycoprotein 65 of Trypanosoma brucei gambiense (PDB ID: 9A3G | pdb_00009a3g, PDB-Dev ID: PDBDEV_00000201)

1. Model Composition	
1.1. Entry composition	Invariant surface glycoprotein 65: chain(s) A (420 residues)
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00007zgj - 3DEM volume, EMDB: EMD-14707 - De Novo model, Not available - De Novo model, Not available - Mass Spectrometry data, PRIDE: PXD033606
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 7
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 2 unique EM3DRestraint: SSM and convolution-based shape searches using Phenix Dock-in-map, Real-space refinement using Phenix, manual refinements using Coot (where applicable) - 1 unique CrossLinkRestraint: CYS, 3 crosslinks
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	1
4.5. Model precision	Not available
4.6. Data quality	EMD-14707: resolution is 3.58 Å
4.7. Model quality: assessment of atomic segments	- Clashscore: 29.23 - Ramachandran outliers: 52 - Sidechain outliers: 25
4.8. Fit to data used for modeling	- 3DEM q-score(s): 0.16 - 3DEM atom inclusion score(s): 0.54
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*	AlphaFold model prediction
2. *5.1. Method name*	Modelling
3. *5.1. Method name*	Refinement
5.5. Software	- AlphaFold2 (version Not available) - Coot (version Not available) - Phenix (version Not available)