

Summary of integrative structure determination of Integrative structure of Glutamate transporter homolog based in 3D localization AFM (3D-LAFM) density map (PDB ID: 9AA2 | pdb_00009aa2)

1. Model Composition	
1.1. Entry composition	Glutamate transporter homolog: chain(s) A, B, C (415 residues)
1.2. Datasets used for modeling	- Other, Zenodo: 10.5281/zenodo.14171002 - Experimental model, PDB: pdb_00004p19
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 3
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique EM3DRestraint: MD flexible fitting to all carbon alpha
4. Validation	
4.2. Number of ensembles	0
4.3. Number of models in ensembles	Not applicable
4.4. Number of deposited models	10
4.5. Model precision	Not available
4.6. Data quality	Data quality has not been assessed
4.7. Model quality: assessment of atomic segments	- Clashscore: 0.85-1.91 - Ramachandran outliers: 16-24 - Sidechain outliers: 30-48
4.8. Fit to data used for modeling	Fit of model to information used to compute it has not been determined
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	Not available

[5.5. Software](#)

- [UCSF ChimeraX](#) (version Not available)
- [Visual Molecular Dynamics \(VMD\)](#) (version Not available)