

Summary of integrative structure determination of Integrative model of SUCD-SUCC by crosslinking MS and deep learning (PDB ID: 9A7L | pdb_00009a7l, PDB-Dev ID: PDBDEV_00000350)

| | |
|---|---|
| 1. Model Composition | |
| 1.1. Entry composition | - SUCD_BACSU: chain(s) A (300 residues) - SUCC_BACSU: chain(s) B (385 residues) |
| 1.2. Datasets used for modeling | - Crosslinking-MS data, PRIDE: PXD035508 |
| 2. Representation | |
| 2.1. Number of representations | 1 |
| 2.2. Scale | Atomic |
| 2.3. Number of rigid and flexible segments | 0, 2 |
| 3. Restraints | |
| 3.1. Physical principles | Information about physical principles was not provided |
| 3.2. Experimental data | - 1 unique CrossLinkRestraint: SDA, 4 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 | - PXD035508: 100.00% of crosslinks found in the data. - PXD035508: 0.55% of crosslinks from the data were used for modeling. |
| 4.7. Model quality: assessment of atomic segments | - Clashscore: 0.58 - Ramachandran outliers: 0 - Sidechain outliers: 5 |
| 4.8. Fit to data used for modeling | Satisfaction of crosslinks: 100.00% |
| 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 | AlphaLink2 |
| 5.2. Method type | AlphaLink2 |

| | |
|---|--|
| <i>5.4. Number of computed models</i> | 1 |
| <i>5.5. Software</i> | AlphaLink2 (version 1.0) |