

**Summary of integrative structure determination of Integrative structure of Apo-GAFab (PDB ID: 9A0L | pdb\_00009a0l, PDB-Dev ID: PDBDEV\_00000057 )**

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|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Model Composition</b>                                       |                                                                                                                                                                                                                                |
| <a href="#">1.1. Entry composition</a>                            | GAFab: chain(s) A, B (399 residues)                                                                                                                                                                                            |
| <a href="#">1.2. Datasets used for modeling</a>                   | <ul style="list-style-type: none"> <li>- Crosslinking-MS data, PRIDE: <a href="#">PXD020817</a></li> <li>- Experimental model, PDB: <a href="#">pdb_00006x88</a></li> </ul>                                                    |
| <b>2. Representation</b>                                          |                                                                                                                                                                                                                                |
| <a href="#">2.1. Number of representations</a>                    | 1                                                                                                                                                                                                                              |
| <a href="#">2.2. Scale</a>                                        | Atomic                                                                                                                                                                                                                         |
| <a href="#">2.3. Number of rigid and flexible segments</a>        | 0, 2                                                                                                                                                                                                                           |
| <b>3. Restraints</b>                                              |                                                                                                                                                                                                                                |
| <a href="#">3.1. Physical principles</a>                          | Information about physical principles was not provided                                                                                                                                                                         |
| <a href="#">3.2. Experimental data</a>                            | <ul style="list-style-type: none"> <li>- 1 unique CrossLinkRestraint: sulfo-SDA, 55 crosslinks</li> <li>- 1 unique CrossLinkRestraint: BS3, 22 crosslinks</li> <li>- 1 unique CrossLinkRestraint: EDC, 7 crosslinks</li> </ul> |
| <b>4. Validation</b>                                              |                                                                                                                                                                                                                                |
| <a href="#">4.2. Number of ensembles</a>                          | 0                                                                                                                                                                                                                              |
| <a href="#">4.3. Number of models in ensembles</a>                | Not applicable                                                                                                                                                                                                                 |
| <a href="#">4.4. Number of deposited models</a>                   | 1                                                                                                                                                                                                                              |
| <a href="#">4.5. Model precision</a>                              | Not available                                                                                                                                                                                                                  |
| <a href="#">4.6. Data quality</a>                                 | Data quality has not been assessed                                                                                                                                                                                             |
| <a href="#">4.7. Model quality: assessment of atomic segments</a> | <ul style="list-style-type: none"> <li>- Clashscore: 0.00</li> <li>- Ramachandran outliers: 42</li> <li>- Sidechain outliers: 30</li> </ul>                                                                                    |
| <a href="#">4.8. Fit to data used for modeling</a>                | Satisfaction of crosslinks: 98.81%                                                                                                                                                                                             |
| <a href="#">4.9. Fit to data used for validation</a>              | Fit of model to information not used to compute it has not been determined                                                                                                                                                     |
| <b>5. Methodology and Software</b>                                |                                                                                                                                                                                                                                |
| <a href="#">1. 5.1. Method name</a>                               | Not available                                                                                                                                                                                                                  |

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5.5. Software

- [Integrative Modeling Platform \(IMP\)](#) (version Not available)
- [Modeller](#) (version Not available)