

Summary of integrative structure determination of Structure of human mitochondrial iron sulfur cluster core complex (NIAUF)2 (PDB ID: 8ZZF | [pdb_00008zzf](#), PDB-Dev ID: PDBDEV_0000015)

1. Model Composition	
1.1. Entry composition	<ul style="list-style-type: none"> - NFS1: chain(s) A (406 residues) - ISD11: chain(s) B (91 residues) - Acp: chain(s) C (77 residues) - ISCU: chain(s) D (150 residues) - NFS1: chain(s) E (406 residues) - ISD11: chain(s) F (91 residues) - Acp: chain(s) G (77 residues) - ISCU: chain(s) H (150 residues) - FXN: chain(s) I, J (119 residues) - S-[2-($\{N-[(2R)-2\text{-hydroxy-3,3-dimethyl-4-(phosphonooxy)butanoyl]-\beta\text{-alanyl}\}$ amino)ethyl] dodecanethioate: chain(s) L [C], O [G] - ZINC ION: chain(s) M [D], P [H]
1.2. Datasets used for modeling	<ul style="list-style-type: none"> - Experimental model, PDB: pdb_00005wlv - Experimental model, PDB: pdb_00001ekg - NMR data, BMRB: 27171 - Crosslinking-MS data, PRIDE: PXD006938 - Crosslinking-MS data, PRIDE: PXD006928
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	0, 10
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	<ul style="list-style-type: none"> - 2 unique CrossLinkRestraint: sulfo-SMCC, 1 crosslinks - 10 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
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	Data quality has not been assessed

4.7. Model quality: assessment of atomic segments	- Clashscore: 17.37 - Ramachandran outliers: 18 - Sidechain outliers: 30
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 75.00%
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	Not available
5.5. Software	HADDOCK (version 2.2)