Summary of integrative structure determination of Integrative structure of P450-Ferredoxin Complex (PDB ID: 8ZZD | pdb_00008zzd, PDB-Dev ID: PDBDEV_00000013)

1. Model Composition	
1.1. Entry composition	- CYP199A2: chain(s) A [A1] (399 residues) - HaPux: chain(s) B [C1] (106 residues) - PROTOPORPHYRIN IX CONTAINING FE: chain(s) C [A1] - 4-METHOXYBENZOIC ACID: chain(s) D [A1] - CHLORIDE ION: chain(s) E [A1] - FE2/S2 (INORGANIC) CLUSTER: chain(s) F [C1]
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00004dnj - Experimental model, PDB: pdb_00004ltu - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe - EPR data, Not available: 10.5287/bodleian:5zqPg5yVe
2. Representation	
2.1. Number of representations	1
2.2. Scale	Atomic
2.3. Number of rigid and flexible segments	2, 0
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique DerivedDistanceRestraint: Upper Bound Distance: 41.2 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 23.0 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 35.2 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 26.8 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 44.2 - 1 unique DerivedDistanceRestraint: Upper Bound Distance: 31.0
4. Validation	
4.2. Number of ensembles	1
4.3. Number of models in ensembles	6
4.4. Number of deposited models	6
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: 2.45-3.10 - Ramachandran outliers: 10-15 - Sidechain outliers: 11-18
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	Integrative Modeling
5.5. Software	- PatchDock (version Beta1.3) - FireDock (version develop-5abded4c39) - MMM (version 2017.1) - Matlab (version R2017a) - Gromacs (version Not available)