Summary of integrative structure determination of Integrative structure determination of the A3G-CRL5-Vif complex (flexible) (PDB ID: 9A1J | pdb_00009a1j, PDB-Dev ID: PDBDEV_00000091)

1. Model Composition	
1.1. Entry composition	- CBFB: chain(s) A (182 residues) - Vif: chain(s) B (175 residues) - EloB: chain(s) C (161 residues) - EloC: chain(s) D (112 residues) - CUL5: chain(s) E (780 residues) - Rbx2: chain(s) F (113 residues) - A3G: chain(s) G (384 residues)
1.2. Datasets used for modeling	- Experimental model, PDB: pdb_00004n9f - Experimental model, PDB: pdb_00001ldj - Experimental model, PDB: pdb_00002ecl - Experimental model, PDB: pdb_00002ma9 - Comparative model, Zenodo: 10.5281/zenodo.5176959 - Experimental model, PDB: pdb_00005k81 - Comparative model, Zenodo: 10.5281/zenodo.5176959 - Experimental model, PDB: pdb_00003v4k - Comparative model, Zenodo: 10.5281/zenodo.5176959 - Mass Spectrometry data, PRIDE: PXD025391 - Crosslinking-MS data, Zenodo: 10.5281/zenodo.5176959 - Crosslinking-MS data, Zenodo: 10.5281/zenodo.5176959
2. Representation	
2.1. Number of representations	1
2.2. Scale	Multiscale: Coarse-grained: 1 - 5 residue(s) per bead
2.3. Number of rigid and flexible segments	15, 16
3. Restraints	
3.1. Physical principles	Information about physical principles was not provided
3.2. Experimental data	- 1 unique CrossLinkRestraint: DSSO, 100 crosslinks - 1 unique CrossLinkRestraint: DSSO, 32 crosslinks
4. Validation	
4.2. Number of ensembles	1
4.3. Number of models in ensembles	198632
4.4. Number of deposited models	1
4.5. Model precision	19.85, Å
4.6. Data quality	Data quality has not been assessed

4.7. Model quality: assessment of excluded volume	Satisfaction: 99.72%
4.8. Fit to data used for modeling	Satisfaction of crosslinks: 81.91%
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*	Sampling
5.2. Method type	Replica exchange monte carlo
5.4. Number of computed models	203100
5.5. Software	- IMP PMI module (version develop-548de65454) - Integrative Modeling Platform (IMP) (version develop-548de65454) - MODELLER (version 9.20) - MODELLER (version 9.19)