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

1. Model Composition	
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)
Datasets used for modeling	- Experimental model, PDB: 4N9F - Experimental model, PDB: 1LDJ - Experimental model, PDB: 2ECL - Experimental model, PDB: 2MA9 - Comparative model, Zenodo: 10.5281/zenodo.5176959 - Experimental model, PDB: 5K81 - Comparative model, Zenodo: 10.5281/zenodo.5176959 - Experimental model, PDB: 3V4K - 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	
Number of representations	1
Scale	Multiscale: Coarse-grained: 1 - 5 residue(s) per bead
Number of rigid and flexible segments	15, 16
3. Restraints	
Physical principles	Information about physical principles was not provided
Experimental data	- 1 unique CrossLinkRestraint: DSSO, 100 crosslinks - 1 unique CrossLinkRestraint: DSSO, 32 crosslinks
4. Validation	
Number of ensembles	1
Number of models in ensembles	198632
Number of deposited models	1

Model precision (uncertainty of models)	19.85, Å
Data quality	Data quality has not been assessed
Model quality: assessment of excluded volume	Satisfaction: 99.72%
Fit to data used for modeling	Satisfaction of crosslinks: 81.91%
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. Name	Sampling
Method	Replica exchange monte carlo
Number of computed models	203100
Software	- IMP PMI module (version develop-548de65454) - Integrative Modeling Platform (IMP) (version develop-548de65454) - MODELLER (version 9.20) - MODELLER (version 9.19)