

Summary of integrative structure determination of INTEGRATIVE STRUCTURE OF BTG2 IN COMPLEX WITH RRM1-2 OF PABPC1 (PDB ID: 9A1R, PDB-Dev ID: PDBDEV_0000099)

1. Model Composition	
Entry composition	- POLY(A) BINDING PROTEIN CYTOPLASMIC 1: Chain A (175 residues) - PROTEIN BTG2: Chain B (121 residues)
Datasets used for modeling	- Experimental model, PDB ID: 4F02 - Experimental model, PDB ID: 3DJU - NMR data, BMRB: 50526
2. Representation	
Resolution	Atomic
Number of rigid bodies, flexible units	0, 2
Flexible units	- A: 1-175 - B: 1-121
Structural coverage (rigid bodies)	100%
3. Restraints	
Physical principles	Information about physical principles was not provided
Experimental data	- 1066 unique DerivedDistanceRestraint: Upper Bound Distance: 2.0
4. Validation	
Number of ensembles	0
Number of models in ensembles	Not applicable
Number of deposited models	4
Model precision (uncertainty of models)	Model precision can not be calculated with one structure
Data quality	Data quality has not been assessed

Model quality: assessment of atomic segments	- Model-1: Clashscore = 13.45, Number of Ramachandran outliers = 1, Number of sidechain outliers = 21 - Model-2: Clashscore = 12.81, Number of Ramachandran outliers = 1, Number of sidechain outliers = 19 - Model-3: Clashscore = 11.96, Number of Ramachandran outliers = 1, Number of sidechain outliers = 21 - Model-4: Clashscore = 10.67, Number of Ramachandran outliers = 1, Number of sidechain outliers = 19
Model quality: assessment of excluded volume	Not applicable
Fit to data used for modeling	Fit of model to information used to compute it has not been determined
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. Method	Rigid-body minimization
Name	Rigid-body minimization in HADDOCK (it0)
Number of computed models	1000
2. Method	Simulated annealing
Name	Semi-flexible SA in HADDOCK (it1)
Number of computed models	200
3. Method	Refinement
Name	Water refinement in HADDOCK (itw)
Number of computed models	200
Software	HADDOCK (version 2.4)