



# Full wwPDB Integrative Structure Validation Report

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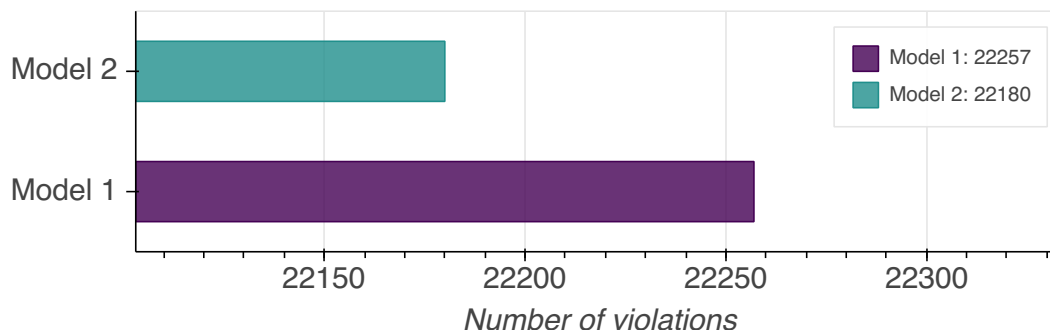
The following software were used in the production of this report:

*Integrative Modeling Validation Package : Version 1.0*

PDB ID	PDBDEV_00000026
Molecule Name	The proteasome-interacting Ecm29 protein disassembles the 26S proteasome in response to oxidative stress
Title	The proteasome-interacting Ecm29 protein disassembles the 26S proteasome in response to oxidative stress.
Authors	Wang X;Chemmama IE;Yu C;Huszagh A;Xu Y;Viner R;Block SA;Cimermancic P;Rychnovsky SD;Ye Y;Sali A;Huang L

## Overall quality

### Model quality: Excluded Volume Analysis



### Ensemble information

*This entry consists of 2 distinct ensembles.*

### Entry composition

*There are 2 unique types of models in this entry. These models are titled Cluster 0 in state State\_0/None, Cluster 1 in state State\_0/None respectively.*

Model ID	Subunit number	Subunit ID	Subunit name	Chain ID	Total residues
1	1	1	Rpt6	A	406
1	2	2	Rpt4	B	389
1	3	3	Rpt5	C	439
1	4	4	Rpt2	D	440
1	5	5	Rpt3	E	418
1	6	6	Rpt1	F	433
1	7	7	Rpn12	G	350
1	8	8	Rpn10	H	377
1	9	9	Rpn11	I	310
1	10	10	Rpn15	J	70
1	11	11	Rpn1	K	908
1	12	12	Rpn2	L	953
1	13	13	Rpn3	M	534
1	14	14	Rpn5	N	456
1	15	15	Rpn6	O	422
1	16	16	Rpn7	P	389

Model ID	Subunit number	Subunit ID	Subunit name	Chain ID	Total residues
1	17	17	Rpn8	Q	324
1	18	18	Rpn9	R	376
1	19	19	ecm29	S	1845
2	1	1	Rpt6	A	406
2	2	2	Rpt4	B	389
2	3	3	Rpt5	C	439
2	4	4	Rpt2	D	440
2	5	5	Rpt3	E	418
2	6	6	Rpt1	F	433
2	7	7	Rpn12	G	350
2	8	8	Rpn10	H	377
2	9	9	Rpn11	I	310
2	10	10	Rpn15	J	70
2	11	11	Rpn1	K	908
2	12	12	Rpn2	L	953
2	13	13	Rpn3	M	534
2	14	14	Rpn5	N	456
2	15	15	Rpn6	O	422
2	16	16	Rpn7	P	389
2	17	17	Rpn8	Q	324
2	18	18	Rpn9	R	376
2	19	19	ecm29	S	1845

## Methodology and software

Step number	Protocol ID	Method name	Method type	Number of computed models	Multi state modeling	Multi scale modeling
1	1	Replica exchange monte carlo	Sampling	3750000	False	True

## Data quality

### Model quality

#### Excluded volume satisfaction

*Excluded volume satisfaction for the models in the entry are listed below.*

Models	Excluded Volume Satisfaction	Number of violations
1	99.93	22257.0
2	99.93	22180.0

## Fit of model to data used for modeling

### Fit of model to data not used for modeling

## Uncertainty of data and model

