

1b42 Structure Summary

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Title:

VACCINIA METHYLTRANSFERASE VP39 COMPLEXED WITH M1ADE AND S-ADENOSYLHOMOCYSTEINE

Description:

Keywords:

METHYLTRANSFERASE

View structure:

PDBe

Num Domains:

2 domain(s)

Num Bound Entities:

4 (2 unique)

Num Cognate Ligands:

1 (0.4 cutoff)

The PDB structure has the following assigned EC class(es):

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A:2.1.1.57

A

PDB Ligand Table

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Het Code	Name	PDB Ligand	Cognate Ligand (cofactor)	Score
SAH	S-ADENOSYL-L-HOMOCYSTEINE	bm3,bm1	S-ADENOSYL-L-HOMOCYSTEINE (COFACTOR)	1.0

1-1 of 1

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B

CATH Domain Interactions

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Accession	PDB:Chain:Domain	PDB Ligand	Mode	Contact % (# Res.)
3.40.50.150	1b42:A:1b42A00	bm1:SAH:400:A	Exclusive	100.0% (14)
3.40.50.150	1b42:A:1b42A00	bm2:M1A:600:A	Exclusive	100.0% (4)
3.40.50.150	1b42:A_2:1b42A00	bm3:SAH:400:A_2	Exclusive	100.0% (14)
3.40.50.150	1b42:A_2:1b42A00	bm4:M1A:600:A_2	Exclusive	100.0% (4)

1-4 of 4

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Interface: 1b42:A:1b42A00 - bm1:SAH:400:A

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Interacting Residues

Chain A: 39, 42, 68, 69, 70, 72, 74, 95, 97, 115, 116, 138, 139, 140

View Options

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