
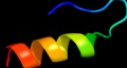



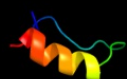




















# Phyre2

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Description	P76275
Date	Thu Jan 5 12:21:31 GMT 2012
Unique Job ID	334e01077a5f0ee5

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">dleoga_</a>	 Alignment		33.6	24	<b>Fold:</b> Acyl carrier protein-like <b>Superfamily:</b> Retrovirus capsid dimerization domain-like <b>Family:</b> Retrovirus capsid protein C-terminal domain
2	<a href="#">dla8oa_</a>	 Alignment		31.5	38	<b>Fold:</b> Acyl carrier protein-like <b>Superfamily:</b> Retrovirus capsid dimerization domain-like <b>Family:</b> Retrovirus capsid protein C-terminal domain
3	<a href="#">dlqrjb1</a>	 Alignment		31.2	24	<b>Fold:</b> Acyl carrier protein-like <b>Superfamily:</b> Retrovirus capsid dimerization domain-like <b>Family:</b> Retrovirus capsid protein C-terminal domain
4	<a href="#">d2eiaa1</a>	 Alignment		27.4	31	<b>Fold:</b> Acyl carrier protein-like <b>Superfamily:</b> Retrovirus capsid dimerization domain-like <b>Family:</b> Retrovirus capsid protein C-terminal domain
5	<a href="#">c1bajA_</a>	 Alignment		23.6	36	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> gag polyprotein; <b>PDBTitle:</b> hiv-1 capsid protein c-terminal fragment plus gag p2 domain
6	<a href="#">c2k1cA_</a>	 Alignment		21.7	45	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> capsid protein p24; <b>PDBTitle:</b> nmr structure of the c-terminal domain of hiv-1 capsid in complex with2 peptide inhibitor
7	<a href="#">c3dikA_</a>	 Alignment		14.5	38	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> capsid protein p24; <b>PDBTitle:</b> pseudo-atomic model of the hiv-1 ca hexameric lattice
8	<a href="#">c1bmxA_</a>	 Alignment		13.7	47	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> human immunodeficiency virus type 1 capsid; <b>PDBTitle:</b> hiv-1 capsid protein major homology region peptide analog,2 nmr, 8 structures
9	<a href="#">c3gv2E_</a>	 Alignment		13.7	36	<b>PDB header:</b> viral protein <b>Chain:</b> E: <b>PDB Molecule:</b> fusion protein consisting of capsid protein p24, <b>PDBTitle:</b> x-ray structure of hexameric hiv-1 ca
10	<a href="#">dlpzra_</a>	 Alignment		12.6	58	<b>Fold:</b> HLH-like <b>Superfamily:</b> Docking domain B of the erythromycin polyketide synthase (DEBS) <b>Family:</b> Docking domain B of the erythromycin polyketide synthase (DEBS)
11	<a href="#">c1eiaA_</a>	 Alignment		11.5	32	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> eiav capsid protein p26; <b>PDBTitle:</b> x-ray crystal structure of equine infectious anemia virus2 (eiav) capsid protein p26

12	<a href="#">c1d1dA_</a>	Alignment		9.6	24	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> protein (capsid protein); <b>PDBTitle:</b> nmr solution structure of the capsid protein from rous2 sarcoma virus
13	<a href="#">c2x8qA_</a>	Alignment		6.8	31	<b>PDB header:</b> virus <b>Chain:</b> A: <b>PDB Molecule:</b> capsid protein p27; <b>PDBTitle:</b> cryo-em 3d model of the icosahedral particle2 composed of rous sarcoma virus capsid protein pentamers

14 [c3kevA\\_](#)

Alignment



5.7

25

**PDB header:**structural genomics, unknown function  
**Chain:** A: **PDB Molecule:**galieria sulfuraria dcun1 domain-containing protein;  
**PDBTitle:** x-ray crystal structure of a dcun1 domain-containing protein from2 galdieria sulfuraria