

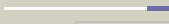




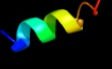















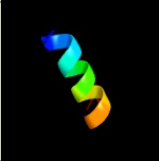



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3269_(-)_3650231_3650512
Date	Thu Aug 8 16:20:47 BST 2019
Unique Job ID	29dfec36f300fb3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4x3mB_	 Alignment		40.8	32	PDB header: transferase Chain: B: PDB Molecule: rna 2'-o ribose methyltransferase; PDBTitle: crystal structure of ttha0275 from thermus thermophilus (hb8) in2 complex with adenosine in space group p212121
2	c6mtkA_	 Alignment		17.6	26	PDB header: ligase Chain: A: PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: crystal structure of tryptophanyl-trna synthetase from elizabethkingia2 anophelis nuhp1
3	c6mbbB_	 Alignment		15.1	62	PDB header: apoptosis Chain: B: PDB Molecule: df1; PDBTitle: human bfl-1 in complex with the designed peptide df1
4	d1we3a3	 Alignment		11.0	40	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
5	c3c85D_	 Alignment		10.1	42	PDB header: transport protein Chain: D: PDB Molecule: putative glutathione-regulated potassium-efflux system PDBTitle: crystal structure of trka domain of putative glutathione-regulated2 potassium-efflux kefb from vibrio parahaemolyticus
6	c3io9B_	 Alignment		8.9	45	PDB header: apoptosis Chain: B: PDB Molecule: bcl-2-like protein 11; PDBTitle: bim12y in complex with mcl-1
7	d1kp8a3	 Alignment		8.8	38	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
8	c2g36A_	 Alignment		8.6	30	PDB header: ligase Chain: A: PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: crystal structure of tryptophanyl-trna synthetase (ec 6.1.1.2)2 (tryptophan-trna ligase)(trprs) (tm0492) from thermotoga maritima at3 2.50 a resolution
9	d1ioka3	 Alignment		8.4	40	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
10	c1rh1A_	 Alignment		6.9	20	PDB header: antibiotic Chain: A: PDB Molecule: colicin b; PDBTitle: crystal structure of the cytotoxic bacterial protein2 colicin b at 2.5 a resolution
11	d1ki9a1	 Alignment		6.3	38	Fold: SAM domain-like Superfamily: eIF2alpha middle domain-like Family: eIF2alpha middle domain-like

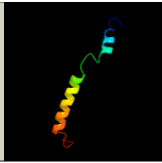
12	c3prhB_	Alignment		5.8	22	PDB header: ligase Chain: B: PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: tryptophanyl-trna synthetase val144pro mutant from b. subtilis
13	d1sjpa3	Alignment		5.3	38	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
14	c3tmhL_	Alignment		5.3	50	PDB header: transport protein/signaling protein Chain: L: PDB Molecule: alpha-kinase anchor protein 10, mitochondrial; PDBTitle: crystal structure of dual-specific alpha-kinase anchoring protein 2 in2 complex with camp-dependent protein kinase a type ii alpha and pdzk1

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[c4x3nA](#)



Alignment



5.2

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PDB header:protein binding

Chain: A: **PDB Molecule:**calcium-regulated actin-bundling protein;

PDBTitle: crystal structure of 34 kda f-actin bundling protein from2 dictyostelium discoideum