
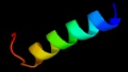

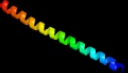






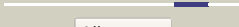
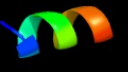

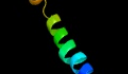
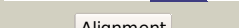

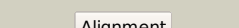

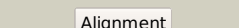

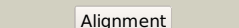



Phyre2

Email	mdejesus@rockefeller.edu
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Date	Mon Aug 5 13:25:10 BST 2019
Unique Job ID	a1f9a686f55213e3

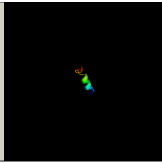
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4x3mB_	 Alignment		38.8	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	c1rh1A_	 Alignment		18.5	12	PDB header: antibiotic Chain: A; PDB Molecule: colicin b; PDBTitle: crystal structure of the cytotoxic bacterial protein2 colicin b at 2.5 a resolution
3	c6mtkA_	 Alignment		17.8	26	PDB header: ligase Chain: A; PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: crystal structure of tryptophanyl-trna synthetase from elizabethkingia2 anophelis nuhp1
4	c6mbbB_	 Alignment		13.7	38	PDB header: apoptosis Chain: B; PDB Molecule: df1; PDBTitle: human bfl-1 in complex with the designed peptide df1
5	d1we3a3	 Alignment		10.5	33	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
6	c3io9B_	 Alignment		9.1	45	PDB header: apoptosis Chain: B; PDB Molecule: bcl-2-like protein 11; PDBTitle: bim12y in complex with mcl-1
7	d1iwga8	 Alignment		8.8	11	Fold: Multidrug efflux transporter AcrB transmembrane domain Superfamily: Multidrug efflux transporter AcrB transmembrane domain Family: Multidrug efflux transporter AcrB transmembrane domain
8	c2g36A_	 Alignment		8.8	22	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	c3c85D_	 Alignment		8.8	50	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
10	d1kp8a3	 Alignment		8.3	44	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain
11	d1ioka3	 Alignment		8.1	40	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain

12	c3prhB_	Alignment		5.9	22	PDB header: ligase Chain: B: PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: tryptophanyl-trna synthetase val144pro mutant from b. subtilis
13	d1kl9a1	Alignment		5.4	31	Fold: SAM domain-like Superfamily: eIF2alpha middle domain-like Family: eIF2alpha middle domain-like
14	c2el7A_	Alignment		5.1	26	PDB header: ligase Chain: A: PDB Molecule: tryptophanyl-trna synthetase; PDBTitle: crystal structure of tryptophanyl-trna synthetase from thermus2 thermophilus
15	d1sjpa3	Alignment		5.1	38	Fold: GroEL-intermediate domain like Superfamily: GroEL-intermediate domain like Family: GroEL-like chaperone, intermediate domain

16 [d2ddha2](#)

Alignment



5.0

26

Fold:Bromodomain-like

Superfamily:Acyl-CoA dehydrogenase C-terminal domain-like

Family:acyl-CoA oxidase C-terminal domains