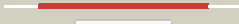



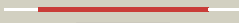
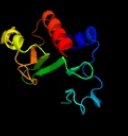







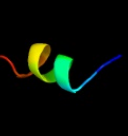



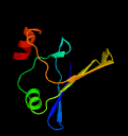



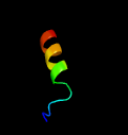


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2570_(-)_2894522_2894911
Date	Wed Aug 7 12:50:20 BST 2019
Unique Job ID	9dfebdb31d7a61f8

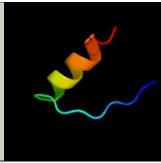
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2a1va1	 Alignment		99.9	20	Fold: Secretion chaperone-like Superfamily: Yjbr-like Family: Yjbr-like
2	d2fkia1	 Alignment		99.9	10	Fold: Secretion chaperone-like Superfamily: Yjbr-like Family: Yjbr-like
3	c3h9xB_	 Alignment		98.9	12	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein pspto_3016; PDBTitle: crystal structure of the pspto_3016 protein from pseudomonas syringae,2 northeast structural genomics consortium target psr293
4	d2oc6a1	 Alignment		95.2	11	Fold: Secretion chaperone-like Superfamily: YdhG-like Family: YdhG-like
5	d2i8da1	 Alignment		94.5	7	Fold: Secretion chaperone-like Superfamily: YdhG-like Family: YdhG-like
6	c2kl4A_	 Alignment		93.5	10	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: bh2032 protein; PDBTitle: nmr structure of the protein nb7804a
7	c4fc8B_	 Alignment		35.6	21	PDB header: transcription Chain: B: PDB Molecule: transcription protein rtr1; PDBTitle: crystal structure of transcription regulator protein rtr1 from2 kluyveromyces lactis
8	d2od0a1	 Alignment		32.4	9	Fold: Secretion chaperone-like Superfamily: YgaC/TfoX-N like Family: TfoX N-terminal domain-like
9	c2htiA_	 Alignment		19.2	15	PDB header: fmn-binding protein Chain: A: PDB Molecule: bh0577 protein; PDBTitle: crystal structure of a flavin-nucleotide-binding protein (bh_0577)2 from bacillus halodurans at 2.50 a resolution
10	d2htia1	 Alignment		19.2	15	Fold: Split barrel-like Superfamily: FMN-binding split barrel Family: PNP-oxidase like
11	d1pu1a_	 Alignment		11.2	17	Fold: Hypothetical protein MTH677 Superfamily: Hypothetical protein MTH677 Family: Hypothetical protein MTH677

12	c5ys2C_	Alignment		10.6	26	PDB header: viral protein Chain: C: PDB Molecule: envelope glycoprotein b, envelope glycoprotein b; PDBTitle: structure of the domain iv(d_iv) of pseudorabies virus glycoprotein b(2 prv gb)
13	d2gpfa1	Alignment		8.6	21	Fold: MbtH/L9 domain-like Superfamily: MbtH-like Family: MbtH-like
14	d1fo8a_	Alignment		7.6	23	Fold: Nucleotide-diphospho-sugar transferases Superfamily: Nucleotide-diphospho-sugar transferases Family: N-acetylglucosaminyltransferase I
15	c3n0kA_	Alignment		6.2	6	PDB header: hydrolase inhibitor Chain: A: PDB Molecule: serine protease inhibitor 1; PDBTitle: proteinase inhibitor from coprinopsis cinerea
16	c5grkA_	Alignment		6.2	22	PDB header: hydrolase Chain: A: PDB Molecule: blr0248 protein; PDBTitle: crystal structure of uracil dna glycosylase -xanthine complex from2 bradyrhizobium diazoefficiens
17	c2wtoB_	Alignment		5.4	50	PDB header: metal binding protein Chain: B: PDB Molecule: orf131 protein; PDBTitle: crystal structure of apo-form czce from c. metallidurans ch34

18 [d1mwqa_](#)

Alignment



5.4

18

Fold: Ferredoxin-like
Superfamily: Dimeric alpha+beta barrel
Family: Ycil-like