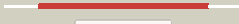



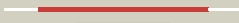



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3840 (-) _4313745_4314158
Date	Sat Aug 10 22:05:02 BST 2019
Unique Job ID	f468ada5b3ac56a2

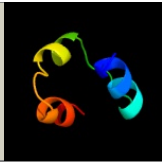
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3pe5B_	 Alignment		100.0	30	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: three-dimensional structure of protein a7vv38_9clot from clostridium2 leptum dsm 753, northeast structural genomics consortium target3 qlr103
2	c4de8A_	 Alignment		100.0	26	PDB header: membrane protein Chain: A: PDB Molecule: cps2a; PDBTitle: lytr-cps2a-psr family protein with bound octaprenyl monophosphate2 lipid
3	c3nroA_	 Alignment		100.0	31	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: lmo1026 protein; PDBTitle: crystal structure of putative transcriptional factor lmo1026 from2 listeria monocytogenes (fragment 52-321), northeast structural3 genomics consortium target lmr194
4	c3okzB_	 Alignment		100.0	27	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative uncharacterized protein gbs0355; PDBTitle: crystal structure of protein gbs0355 from streptococcus agalactiae,2 northeast structural genomics consortium target sar127
5	c5v8cA_	 Alignment		100.0	25	PDB header: transcription Chain: A: PDB Molecule: transcriptional regulator; PDBTitle: lytr-csp2a-psr enzyme from actinomyces oris
6	c3qfiA_	 Alignment		100.0	29	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator; PDBTitle: x-ray crystal structure of transcriptional regulator (ef0465) from2 enterococcus faecalis, northeast structural genomics consortium3 target efr190
7	c3mejA_	 Alignment		100.0	38	PDB header: transcriptional regulator Chain: A: PDB Molecule: transcriptional regulator ywtf; PDBTitle: crystal structure of putative transcriptional regulator ywtf from2 bacillus subtilis, northeast structural genomics consortium target3 sr736
8	c3owqB_	 Alignment		100.0	32	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: lin1025 protein; PDBTitle: x-ray structure of lin1025 protein from listeria innocua, northeast2 structural genomics consortium target lkr164
9	c4obmA_	 Alignment		100.0	13	PDB header: transcription regulator Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a putative transcription regulator (eubsir_01389)2 from eubacterium siraeum dsm 15702 at 2.15 a resolution
10	c3nxhA_	 Alignment		100.0	27	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator yvhj; PDBTitle: crystal structure of the transcriptional regulator yvhj from bacillus2 subtilis. northeast structural genomics consortium target sr735.
11	c4qn9A_	 Alignment		12.0	22	PDB header: hydrolase Chain: A: PDB Molecule: n-acyl-phosphatidylethanolamine-hydrolyzing phospholipase PDBTitle: structure of human nape-pld

12	c2juiA_	Alignment		9.7	31	PDB header: toxin Chain: A: PDB Molecule: p1ne; PDBTitle: three-dimensional structure of the two peptides that2 constitute the two-peptide bacteriocin plantaracin ef
13	c2pjuD_	Alignment		7.9	7	PDB header: transcription Chain: D: PDB Molecule: propionate catabolism operon regulatory protein; PDBTitle: crystal structure of propionate catabolism operon regulatory protein2 prr
14	c3zppA_	Alignment		7.7	28	PDB header: cell adhesion Chain: A: PDB Molecule: cell wall surface anchor family protein; PDBTitle: structure of the streptococcus pneumoniae surface protein2 and adhesin pfba
15	d1vqon1	Alignment		6.2	33	Fold: Ribonuclease H-like motif Superfamily: Translational machinery components Family: Ribosomal protein L18 and S11
16	d2pjuA1	Alignment		6.2	7	Fold: Chelatase-like Superfamily: PrpR receptor domain-like Family: PrpR receptor domain-like
17	c2r8rB_	Alignment		5.3	21	PDB header: transferase Chain: B: PDB Molecule: sensor protein; PDBTitle: crystal structure of the n-terminal region (19..243) of sensor protein2 kdpd from pseudomonas syringae pv. tomato str. dc3000
18	d1bhea_	Alignment		5.1	22	Fold: Single-stranded right-handed beta-helix Superfamily: Pectin lyase-like Family: Galacturonase

19 [c3ejbC_](#)

Alignment



5.0

9

PDB header: oxidoreductase/lipid transport
Chain: C: **PDB Molecule:** acyl carrier protein;
PDB Title: crystal structure of p450bioi in complex with tetradecanoic acid2 ligated acyl carrier protein