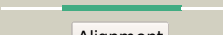
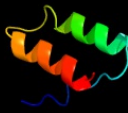




















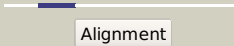

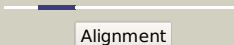

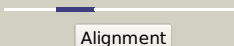

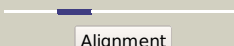
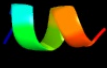
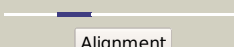

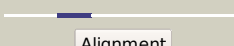

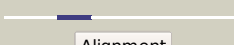
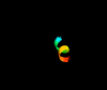
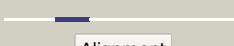


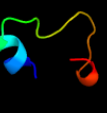
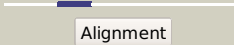
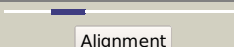


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0615 (-) _710348_710590
Date	Fri Jul 26 01:50:17 BST 2019
Unique Job ID	d50b257d6098f85b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1a87A_	 Alignment		48.6	22	PDB header: bacteriocin Chain: A: PDB Molecule: colicin n; PDBTitle: colicin n
2	d1a87a_	 Alignment		48.6	22	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
3	d1rh1a2	 Alignment		48.5	30	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
4	c3fewX_	 Alignment		47.0	32	PDB header: immune system Chain: X: PDB Molecule: colicin s4; PDBTitle: structure and function of colicin s4, a colicin with a duplicated2 receptor binding domain
5	d1cola_	 Alignment		43.2	19	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
6	d1c1ia1	 Alignment		30.2	34	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
7	c6jnyA_	 Alignment		22.4	63	PDB header: transcription Chain: A: PDB Molecule: antiterminator q protein; PDBTitle: crystal structure of bacteriophage 21 q protein
8	c1rh1A_	 Alignment		14.5	28	PDB header: antibiotic Chain: A: PDB Molecule: colicin b; PDBTitle: crystal structure of the cytotoxic bacterial protein2 colicin b at 2.5 a resolution
9	c5yq72_	 Alignment		13.4	31	PDB header: photosynthesis Chain: 2: PDB Molecule: beta subunit of light-harvesting 1; PDBTitle: cryo-em structure of the rc-lh core complex from roseiflexus2 castenholzii
10	c2i88A_	 Alignment		11.6	26	PDB header: membrane protein Chain: A: PDB Molecule: colicin-e1; PDBTitle: crystal structure of the channel-forming domain of colicin e1
11	c4z9cB_	 Alignment		10.7	20	PDB header: transferase Chain: B: PDB Molecule: subtilase cytotoxin subunit b-like protein; PDBTitle: ecpltab oxidized

12	c1wazA_	 Alignment		9.4	29	PDB header: transport protein Chain: A; PDB Molecule: merf; PDBTitle: nmr structure determination of the bacterial mercury transporter,2 merf, in micelles
13	c2h3oA_	 Alignment		8.9	29	PDB header: membrane protein Chain: A; PDB Molecule: merf; PDBTitle: structure of merf1, a membrane protein with two trans-2 membrane helices
14	c5vobE_	 Alignment		8.1	21	PDB header: viral protein/immune system Chain: E; PDB Molecule: envelope glycoprotein ul131a; PDBTitle: crystal structure of hcmv pentamer in complex with neutralizing2 antibody 8i21
15	d1fexa_	 Alignment		6.5	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: Myb/SANT domain
16	c2atmA_	 Alignment		6.4	44	PDB header: hydrolase Chain: A; PDB Molecule: hyaluronoglucosaminidase; PDBTitle: crystal structure of the recombinant allergen ves v 2
17	d1fcqa_	 Alignment		5.8	44	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Bee venom hyaluronidase
18	c3bv8A_	 Alignment		5.5	40	PDB header: transferase Chain: A; PDB Molecule: tetrahydrodipicolinate acetyltransferase; PDBTitle: crystal structure of the n-terminal domain of tetrahydrodipicolinate2 acetyltransferase from staphylococcus aureus
19	c2xf5C_	 Alignment		5.3	100	PDB header: viral protein Chain: C; PDB Molecule: gp23.1; PDBTitle: crystal structure of bacillus subtilis spp1 phage gp23.1, a putative2 chaperone.
20	c1mzwB_	 Alignment		5.3	41	PDB header: isomerase Chain: B; PDB Molecule: u4/u6 snrnp 60kda protein; PDBTitle: crystal structure of a u4/u6 snrnp complex between human2 spliceosomal cyclophilin h and a u4/u6-60k peptide
21	c1fcuA_	 Alignment	not modelled	5.2	44	PDB header: hydrolase Chain: A; PDB Molecule: hyaluronoglucosaminidase; PDBTitle: crystal structure (trigonal) of bee venom hyaluronidase
22	d1hfxa_	 Alignment	not modelled	5.2	30	Fold: Lysozyme-like Superfamily: Lysozyme-like Family: C-type lysozyme