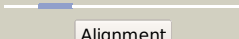

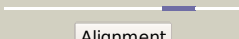

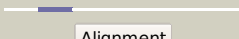


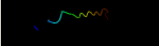

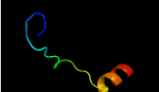

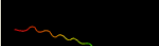



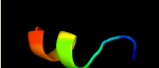




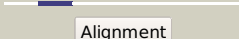


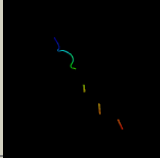
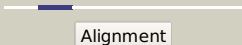

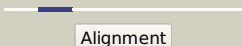
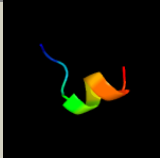

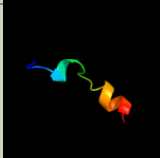
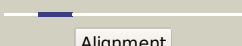
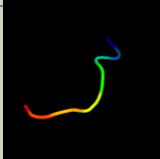


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3898c_(-)_4383831_4384163
Date	Sat Aug 10 22:05:08 BST 2019
Unique Job ID	e31aea6339d24073

Detailed template information

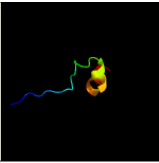
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1	c2vs0B_	 Alignment		24.2	36	PDB header: cell invasion Chain: B: PDB Molecule: virulence factor esxa; PDBTitle: structural analysis of homodimeric staphylococcal aureus2 virulence factor esxa
2	c6jooA_	 Alignment		16.0	73	PDB header: hydrolase/dna/rna Chain: A: PDB Molecule: crispr-associated protein,crispr-associated endonuclease PDBTitle: crystal structure of corynebacterium diphtheriae cas9 in complex with2 sgrna and target dna
3	c6gygA_	 Alignment		15.3	36	PDB header: transcription Chain: A: PDB Molecule: transcription regulator reg576; PDBTitle: x-ray structure of the apo form of the establishment gene regulator2 reg576 of the g+ plasmid p576
4	c6a0cB_	 Alignment		12.4	35	PDB header: structural protein Chain: B: PDB Molecule: collagen type iii peptide; PDBTitle: structure of a triple-helix region of human collagen type iii
5	c5zbiB_	 Alignment		12.2	38	PDB header: plant protein Chain: B: PDB Molecule: peptide asparaginyl ligase; PDBTitle: crystal structure of asparaginyl endopeptidases from viola canadensis
6	c6a0cC_	 Alignment		11.6	35	PDB header: structural protein Chain: C: PDB Molecule: collagen type iii peptide; PDBTitle: structure of a triple-helix region of human collagen type iii
7	c6a0cA_	 Alignment		11.6	35	PDB header: structural protein Chain: A: PDB Molecule: collagen type iii peptide; PDBTitle: structure of a triple-helix region of human collagen type iii
8	c4iogD_	 Alignment		11.3	55	PDB header: unknown function Chain: D: PDB Molecule: secreted protein esxb; PDBTitle: the crystal structure of a secreted protein esxb (wild-type, in p212 space group) from bacillus anthracis str. sterne
9	c3terA_	 Alignment		10.1	17	PDB header: metal binding protein Chain: A: PDB Molecule: mammalian stromal interaction molecule-1; PDBTitle: crystal structure of soar domain with inhibition helix from c. elegans
10	c4fguB_	 Alignment		9.2	50	PDB header: hydrolase Chain: B: PDB Molecule: legumain; PDBTitle: crystal structure of prolegumain
11	c6hg7C_	 Alignment		9.1	64	PDB header: structural protein Chain: C: PDB Molecule: collagen alpha-1(ii) chain; PDBTitle: crystal structure of a collagen ii fragment containing the binding2 site of pedf and comp, (pog)4-lkg hrg ftg lqg-pog(4)

12	c6hg7A_	Alignment			9.1	64	<p>PDB header:structural protein Chain: A: PDB Molecule:collagen alpha-1(ii) chain; PDBTitle: crystal structure of a collagen ii fragment containing the binding2 site of pedf and comp, (pog)4-lkg hrg ftg lqg-pog(4)</p>
13	c6hg7B_	Alignment			9.1	64	<p>PDB header:structural protein Chain: B: PDB Molecule:collagen alpha-1(ii) chain; PDBTitle: crystal structure of a collagen ii fragment containing the binding2 site of pedf and comp, (pog)4-lkg hrg ftg lqg-pog(4)</p>
14	c3gvmA_	Alignment			8.8	55	<p>PDB header:viral protein Chain: A: PDB Molecule:putative uncharacterized protein sag1039; PDBTitle: structure of the homodimeric wxg-100 family protein from streptococcus2 agalactiae</p>
15	c3teqB_	Alignment			6.7	33	<p>PDB header:signaling protein Chain: B: PDB Molecule:stromal interaction molecule 1; PDBTitle: crystal structure of soar domain</p>
16	d1rqba1	Alignment			5.7	63	<p>Fold:RuvA C-terminal domain-like Superfamily:post-HMGL domain-like Family:Conserved carboxylase domain</p>

17

[c5wsxA](#)

Alignment



5.3

61

PDB header:hydrolase
Chain: A: **PDB Molecule:**uncharacterized protein;
PDBTitle: the crystal structure of sav606