

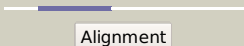
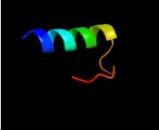


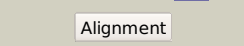
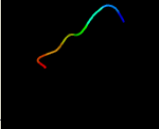




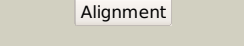

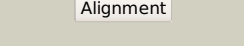

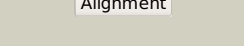

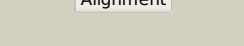



Phyre2

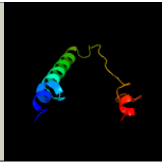
Email mdejesus@rockefeller.edu
 Description RVBD0691A (RVBD0691A)_791661_791849
 Date Fri Jul 26 01:50:26 BST 2019
 Unique Job ID 9e09ef67390e99bf

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4fc8B_	 Alignment		16.6	36	PDB header: transcription Chain: B: PDB Molecule: transcription protein rtr1; PDBTitle: crystal structure of transcription regulator protein rtr1 from2 kluyveromyces lactis
2	c3fq6A_	 Alignment		13.6	14	PDB header: transferase Chain: A: PDB Molecule: methyltransferase; PDBTitle: the crystal structure of a methyltransferase domain from bacteroides2 thetaiotaomicron vpi
3	c5c2yA_	 Alignment		13.4	36	PDB header: hydrolase Chain: A: PDB Molecule: rna polymerase ii subunit b1 ctd phosphatase rtr1; PDBTitle: crystal structure of the saccharomyces cerevisiae rtr1 (regulator of2 transcription)
4	d1ewsa_	 Alignment		13.3	63	Fold: Defensin-like Superfamily: Defensin-like Family: Defensin
5	c1ewsA_	 Alignment		13.3	63	PDB header: antimicrobial protein Chain: A: PDB Molecule: rk-1 defensin; PDBTitle: the three-dimensional solution structure of the rabbit2 kidney defensin, rk-1
6	d1x4la2	 Alignment		9.8	86	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: LIM domain
7	c2jyvA_	 Alignment		8.9	71	PDB header: cytokine Chain: A: PDB Molecule: granulin-2; PDBTitle: human granulin f
8	c2bcxB_	 Alignment		7.4	27	PDB header: calcium binding protein Chain: B: PDB Molecule: ryanodine receptor 1; PDBTitle: crystal structure of calmodulin in complex with a ryanodine receptor2 peptide
9	c6drfA_	 Alignment		6.4	43	PDB header: signaling protein Chain: A: PDB Molecule: protein rd3; PDBTitle: structure of human retinal degeneration 3(rd3) protein
10	c1nh3A_	 Alignment		6.1	27	PDB header: isomerase/dna Chain: A: PDB Molecule: dna topoisomerase i; PDBTitle: human topoisomerase i ara-c complex

11 [c4ehpB](#)

Alignment



5.6

24

PDB header: cell adhesion

Chain: B: **PDB Molecule:** catenin alpha-1;

PDB title: crystal structure of human vinculin head domain (residues 1-252) in2 complex with alpha-catenin (residues 277-382)