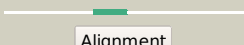

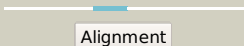

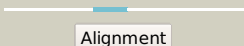

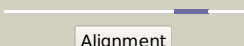

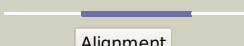
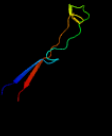
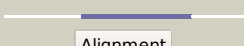

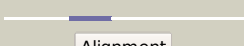








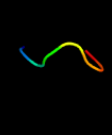


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2269c (-) _2544299_2544631
Date	Mon Aug 5 13:25:40 BST 2019
Unique Job ID	0f39884371909fdc

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1eaqa_	 Alignment		41.1	59	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: RUNT domain
2	d1ljma_	 Alignment		38.7	59	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: RUNT domain
3	c4l0zA_	 Alignment		31.9	59	PDB header: transcription/dna Chain: A: PDB Molecule: run1-related transcription factor 1; PDBTitle: crystal structure of runx1 and ets1 bound to tcr alpha promoter2 (crystal form 2)
4	c2elnA_	 Alignment		15.5	64	PDB header: transcription Chain: A: PDB Molecule: zinc finger protein 406; PDBTitle: solution structure of the 11th c2h2 zinc finger of human2 zinc finger protein 406
5	c2gjfF_	 Alignment		12.2	21	PDB header: structural genomics, unknown function Chain: F: PDB Molecule: putative cytoplasmic protein; PDBTitle: crystal structure of a protein of unknown function from salmonella2 typhimurium
6	d2gjva1	 Alignment		12.0	21	Fold: Phage tail protein-like Superfamily: Phage tail protein-like Family: STM4215-like
7	c5jilA_	 Alignment		10.5	48	PDB header: transferase Chain: A: PDB Molecule: dna polymerase ii large subunit; PDBTitle: d-family dna polymerase - dp2 subunit (catalytic subunit)
8	c2ywxA_	 Alignment		7.9	33	PDB header: lyase Chain: A: PDB Molecule: phosphoribosylaminoimidazole carboxylase catalytic subunit; PDBTitle: crystal structure of phosphoribosylaminoimidazole carboxylase2 catalytic subunit from methanocaldococcus jannaschii
9	c4ja0A_	 Alignment		7.8	33	PDB header: protein binding Chain: A: PDB Molecule: phosphoribosylaminoimidazole carboxylase; PDBTitle: crystal structure of the invertebrate bi-functional purine2 biosynthesis enzyme paics at 2.8 a resolution
10	c1xu2R_	 Alignment		6.8	88	PDB header: cytokine, hormone/growth factor receptor Chain: R: PDB Molecule: tumor necrosis factor receptor superfamily member 17; PDBTitle: the crystal structure of april bound to bcma
11	d1xu2r_	 Alignment		6.8	88	Fold: TNF receptor-like Superfamily: TNF receptor-like Family: BAFF receptor-like

12	c3ixsB_	Alignment		6.8	57	PDB header: protein binding Chain: B: PDB Molecule: ring1 and yy1-binding protein; PDBTitle: ring1b c-terminal domain/rybp c-terminal domain complex
13	c3ixsF_	Alignment		6.7	57	PDB header: protein binding Chain: F: PDB Molecule: ring1 and yy1-binding protein; PDBTitle: ring1b c-terminal domain/rybp c-terminal domain complex
14	c6b3nA_	Alignment		6.2	73	PDB header: protein binding Chain: A: PDB Molecule: nleg5-1; PDBTitle: solution structure of the n-terminal domain of the effector nleg5-12 from escherichia coli o157:h7 str. sakai
15	c2rpsA_	Alignment		5.9	83	PDB header: immune system Chain: A: PDB Molecule: chemokine; PDBTitle: solution structure of a novel insect chemokine isolated from 2 integument
16	c2kn1A_	Alignment		5.9	88	PDB header: signaling protein Chain: A: PDB Molecule: tumor necrosis factor receptor superfamily member 17; PDBTitle: solution nmr structure of bcma
17	c2dl0A_	Alignment		5.4	31	PDB header: signaling protein Chain: A: PDB Molecule: sam and sh3 domain-containing protein 1; PDBTitle: solution structure of the sam-domain of the sam and sh32 domain containing protein 1
18	c3rggD_	Alignment		5.4	20	PDB header: lyase Chain: D: PDB Molecule: phosphoribosylaminoimidazole carboxylase, pure protein; PDBTitle: crystal structure of treponema denticola pure bound to air

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[c3bk3C](#)

Alignment



5.1

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PDB header:hormone/growth factor
Chain: C: **PDB Molecule:**crossveinless 2;
PDB Title: crystal structure of the complex of bmp-2 and the first von2 willebrand domain type c of crossveinless-2