



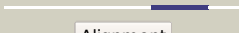



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2562 (-) _2881768_2882157
Date	Wed Aug 7 12:50:20 BST 2019
Unique Job ID	bb85c42bd1ec604a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4pkyE_	 Alignment		11.7	39	PDB header: transcription/cell cycle Chain: E: PDB Molecule: transforming acidic coiled-coil-containing protein 3; PDBTitle: arnt/hif transcription factor/coactivator complex
2	c3thgA_	 Alignment		11.1	28	PDB header: protein binding Chain: A: PDB Molecule: ribulose bisphosphate carboxylase/oxygenase activase 1, PDBTitle: crystal structure of the creosote rubisco activase c-domain
3	c5u03C_	 Alignment		9.4	28	PDB header: ligase, protein fibril Chain: C: PDB Molecule: ctp synthase 1; PDBTitle: cryo-em structure of the human ctp synthase filament
4	d1l3ac_	 Alignment		9.4	56	Fold: ssDNA-binding transcriptional regulator domain Superfamily: ssDNA-binding transcriptional regulator domain Family: Plant transcriptional regulator PBF-2
5	c2muqA_	 Alignment		7.2	75	PDB header: ubiquitin binding protein Chain: A: PDB Molecule: fanconi anemia-associated protein of 20 kda; PDBTitle: solution structure of the human faap20 ubz
6	c3n1hA_	 Alignment		7.0	50	PDB header: dna binding protein Chain: A: PDB Molecule: stwhy2; PDBTitle: crystal structure of stwhy2
7	c2murA_	 Alignment		6.6	75	PDB header: protein binding Chain: A: PDB Molecule: fanconi anemia-associated protein of 20 kda; PDBTitle: solution structure of the human faap20 ubz-ubiquitin complex
8	d1l3aa_	 Alignment		6.5	63	Fold: ssDNA-binding transcriptional regulator domain Superfamily: ssDNA-binding transcriptional regulator domain Family: Plant transcriptional regulator PBF-2
9	c1l3aD_	 Alignment		6.5	63	PDB header: dna binding protein Chain: D: PDB Molecule: p24: plant transcriptional regulator pbf-2; PDBTitle: structure of the plant transcriptional regulator pbf-2
10	d1p94a_	 Alignment		6.5	71	Fold: Ribbon-helix-helix Superfamily: Ribbon-helix-helix Family: CopG-like
11	c4xhiB_	 Alignment		6.5	42	PDB header: transcription Chain: B: PDB Molecule: rna-dependent rna polymerase; PDBTitle: crystal structure of native theosea asigna virus rna-dependent rna2 polymerase (rdrp) at 2.15 angstrom resolution

12	c3draB_	Alignment		6.4	40	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyltransferase type i beta subunit; PDBTitle: candida albicans protein geranylgeranyltransferase-i2 complexed with ggpp
13	c5l85B_	Alignment		6.2	32	PDB header: signaling protein Chain: B: PDB Molecule: nuclear fragile x mental retardation-interacting protein 1; PDBTitle: solution structure of the complex between human znhit3 and nufip12 proteins
14	c3j0cH_	Alignment		6.1	16	PDB header: virus Chain: H: PDB Molecule: e2 envelope glycoprotein; PDBTitle: models of e1, e2 and cp of venezuelan equine encephalitis virus tc-832 strain restrained by a near atomic resolution cryo-em map
15	c1tnuL_	Alignment		6.1	40	PDB header: transferase Chain: L: PDB Molecule: geranylgeranyl transferase type i beta subunit; PDBTitle: rat protein geranylgeranyltransferase type-i complexed with2 a ggpp analog and a gcincckvl peptide derived from rhob
16	d1n4qb_	Alignment		6.1	40	Fold: alpha/alpha toroid Superfamily: Terpenoid cyclases/Protein prenyltransferases Family: Protein prenyltransferases
17	d1kf6a1	Alignment		6.1	39	Fold: Spectrin repeat-like Superfamily: Succinate dehydrogenase/fumarate reductase flavoprotein C-terminal domain Family: Succinate dehydrogenase/fumarate reductase flavoprotein C-terminal domain
18	c1dmIH_	Alignment		5.9	62	PDB header: dna binding protein/transferase Chain: H: PDB Molecule: dna polymerase; PDBTitle: crystal structure of herpes simplex ul42 bound to the c-terminus of2 hsv pol
19	c1dmIF_	Alignment		5.9	62	PDB header: dna binding protein/transferase Chain: F: PDB Molecule: dna polymerase; PDBTitle: crystal structure of herpes simplex ul42 bound to the c-terminus of2 hsv pol
20	c1dmIB_	Alignment		5.8	62	PDB header: dna binding protein/transferase Chain: B: PDB Molecule: dna polymerase; PDBTitle: crystal structure of herpes simplex ul42 bound to the c-terminus of2 hsv pol
21	c1dmID_	Alignment	not modelled	5.8	62	PDB header: dna binding protein/transferase Chain: D: PDB Molecule: dna polymerase; PDBTitle: crystal structure of herpes simplex ul42 bound to the c-terminus of2 hsv pol