



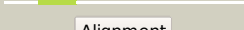










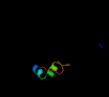
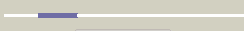






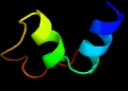

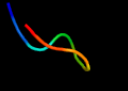



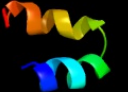
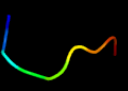


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0340 (-) _408634_409173
Date	Tue Jul 23 14:50:41 BST 2019
Unique Job ID	9a80e3f9c0a48f63

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1b4ua_	 Alignment		67.8	31	Fold: LigA subunit of an aromatic-ring-opening dioxygenase LigAB Superfamily: LigA subunit of an aromatic-ring-opening dioxygenase LigAB Family: LigA subunit of an aromatic-ring-opening dioxygenase LigAB
2	c1wd6B_	 Alignment		62.7	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: protein ydhr; PDBTitle: crystal structure of jw1657 from escherichia coli
3	c2jt1A_	 Alignment		62.4	27	PDB header: transcription Chain: A: PDB Molecule: pefi protein; PDBTitle: solution nmr structure of pefi (plasmid-encoded fimbriae regulatory)2 protein from salmonella typhimurium. northeast structural genomics3 target str82
4	d2higa1	 Alignment		51.2	18	Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Hypothetical protein Ydhr
5	c2llwA_	 Alignment		25.0	22	PDB header: chaperone Chain: A: PDB Molecule: heat shock protein sti1; PDBTitle: solution structure of the yeast sti1 dp2 domain
6	c3jtgA_	 Alignment		18.0	25	PDB header: transcription Chain: A: PDB Molecule: ets-related transcription factor elf-3; PDBTitle: crystal structure of mouse elf3 c-terminal dna-binding domain in2 complex with type ii tgf-beta receptor promoter dna
7	c3qyhG_	 Alignment		16.2	34	PDB header: lyase Chain: G: PDB Molecule: co-type nitrile hydratase alpha subunit; PDBTitle: crystal structure of co-type nitrile hydratase beta-h711 from2 pseudomonas putida.
8	d1v29a_	 Alignment		16.0	22	Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
9	d2qdyA1	 Alignment		14.8	13	Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
10	c4bjsC_	 Alignment		13.5	63	PDB header: cell cycle Chain: C: PDB Molecule: telomere length regulator protein rif1; PDBTitle: crystal structure of the rif1 c-terminal domain (rif1-ctd)2 from saccharomyces cerevisiae
11	c3wrbB_	 Alignment		13.4	32	PDB header: oxidoreductase Chain: B: PDB Molecule: gallate dioxygenase; PDBTitle: crystal structure of the anaerobic h124f desb-gallate complex

12	d1yo5c1	Alignment		10.9	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
13	d1ugpa_	Alignment		10.2	22	Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
14	d1bc8c_	Alignment		9.4	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
15	c5zcnA_	Alignment		9.1	56	PDB header: unknown function Chain: A: PDB Molecule: brevunsin; PDBTitle: solution nmr structure of a new lasso peptide brevunsin
16	d1wwxa1	Alignment		8.4	46	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
17	c6n7oA_	Alignment		8.3	50	PDB header: viral protein Chain: A: PDB Molecule: gil01 gp7; PDBTitle: crystal structure of gil01 gp7
18	d2stta_	Alignment		8.2	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
19	c2lnmA_	Alignment		8.1	13	PDB header: protein transport Chain: A: PDB Molecule: protein tic 40, chloroplastic; PDBTitle: solution structure of the c-terminal np-repeat domain of tic40, a co-2 chaperone during protein import into chloroplasts
20	c1vw4d_	Alignment		7.8	56	PDB header: ribosome Chain: D: PDB Molecule: PDBTitle: structure of the yeast mitochondrial large ribosomal subunit
21	c5w3gA_	Alignment	not modelled	7.8	33	PDB header: dna binding protein Chain: A: PDB Molecule: transcription factor pu.1; PDBTitle: solution structure of ets transcription factor pu.1
22	c6n7oB_	Alignment	not modelled	7.8	50	PDB header: viral protein Chain: B: PDB Molecule: gil01 gp7; PDBTitle: crystal structure of gil01 gp7
23	c4avpD_	Alignment	not modelled	7.8	38	PDB header: transcription Chain: D: PDB Molecule: ets translocation variant 1; PDBTitle: crystal structure of the dna-binding domain of human etv1.
24	c2daoA_	Alignment	not modelled	7.4	38	PDB header: dna binding protein Chain: A: PDB Molecule: transcription factor etv6; PDBTitle: solution structure of ets domain transcriptional factor2 etv6 protein
25	d1awca_	Alignment	not modelled	7.2	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
26	d1gvja_	Alignment	not modelled	6.7	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
27	d1k78b_	Alignment	not modelled	6.5	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
28	d1flia_	Alignment	not modelled	6.2	31	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ets domain
29	d1puee_	Alignment	not modelled	5.8	33	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain

					Family: ets domain
30	c5fn1A_	Alignment	not modelled	5.7	22
31	d3c8ga1	Alignment	not modelled	5.4	35

PDB header:virus

Chain: A: **PDB Molecule:**coat protein;

PDBTitle: electron cryo-microscopy of filamentous flexible virus pepmv (pepino2 mosaic virus)

Fold:MtIR-like

Superfamily:MtIR-like

Family:MtIR-like