

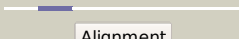
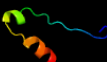
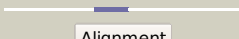


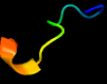

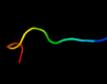

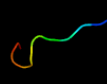

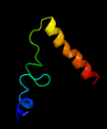

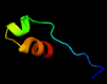


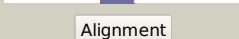
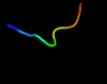
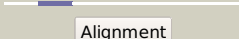
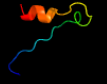

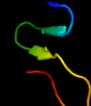

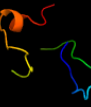

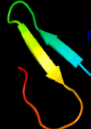





Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0787 (-)_881462_882421
Date	Fri Jul 26 01:50:37 BST 2019
Unique Job ID	2fdac11d60acf293

Detailed template
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4jwjA_	 Alignment		20.3	22	PDB header: transferase Chain: A: PDB Molecule: trna (guanine(9)-n1)-methyltransferase; PDBTitle: crystal structure of sctrm10(84)-sah complex
2	c5nfjA_	 Alignment		19.8	41	PDB header: transferase Chain: A: PDB Molecule: mitochondrial ribonuclease p protein 1; PDBTitle: crystal structure of the methyltransferase subunit of human2 mitochondrial ribonuclease p (mrpp1) bound to s-adenosyl-methionine3 (sam)
3	c5kx6A_	 Alignment		19.8	18	PDB header: cell adhesion Chain: A: PDB Molecule: galactoside 2-alpha-l-fucosyltransferase; PDBTitle: the structure of arabidopsis thaliana fut1 mutant r284k in complex2 with gdp
4	d1sv0C_	 Alignment		18.3	38	Fold: SAM domain-like Superfamily: SAM/Pointed domain Family: Pointed domain
5	c5xknE_	 Alignment		18.0	36	PDB header: transferase/signaling protein Chain: E: PDB Molecule: epidermal patterning factor-like protein 4; PDBTitle: crystal structure of plant receptor erl2 in complexe with epf14
6	c5xknF_	 Alignment		18.0	36	PDB header: transferase/signaling protein Chain: F: PDB Molecule: epidermal patterning factor-like protein 4; PDBTitle: crystal structure of plant receptor erl2 in complexe with epf14
7	d1jo5a_	 Alignment		17.4	32	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
8	c4jwhB_	 Alignment		16.1	22	PDB header: transferase Chain: B: PDB Molecule: trna (guanine(9)-n1)-methyltransferase; PDBTitle: crystal structure of sptm10(full length)-sah complex
9	d2ve8a1	 Alignment		14.2	29	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FtsK C-terminal domain-like
10	d2iu5a2	 Alignment		14.1	38	Fold: Tetracyclin repressor-like, C-terminal domain Superfamily: Tetracyclin repressor-like, C-terminal domain Family: Tetracyclin repressor-like, C-terminal domain
11	c4fmwA_	 Alignment		12.3	26	PDB header: transferase Chain: A: PDB Molecule: rna (guanine-9-)-methyltransferase domain-containing PDBTitle: crystal structure of methyltransferase domain of human rna (guanine-9-2) methyltransferase domain containing protein 2

12	c1bpoA_	Alignment		11.6	46	PDB header: membrane protein Chain: A: PDB Molecule: protein (clathrin); PDBTitle: clathrin heavy-chain terminal domain and linker
13	c1c9lA_	Alignment		11.5	46	PDB header: endocytosis/exocytosis Chain: A: PDB Molecule: clathrin; PDBTitle: peptide-in-groove interactions link target proteins to the b-propeller2 of clathrin
14	c2liyA_	Alignment		10.3	50	PDB header: hormone Chain: A: PDB Molecule: epidermal patterning factor-like protein 9; PDBTitle: plant peptide hormone regulating stomatal density
15	d1td4a_	Alignment		9.8	23	Fold: beta-clip Superfamily: Head decoration protein D (gpD, major capsid protein D) Family: Head decoration protein D (gpD, major capsid protein D)
16	d2j5pa1	Alignment		9.6	32	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FtsK C-terminal domain-like
17	d1lutca2	Alignment		9.4	46	Fold: 7-bladed beta-propeller Superfamily: Clathrin heavy-chain terminal domain Family: Clathrin heavy-chain terminal domain
18	d2enda_	Alignment		8.6	50	Fold: T4 endonuclease V Superfamily: T4 endonuclease V Family: T4 endonuclease V
19	d1jw2a_	Alignment		8.6	31	Fold: Open three-helical up-and-down bundle Superfamily: Hemolysin expression modulating protein HHA Family: Hemolysin expression modulating protein HHA
20	c3zbdB_	Alignment		8.2	78	PDB header: viral protein Chain: B: PDB Molecule: non-structural protein 1; PDBTitle: structure of tgev nsp1
21	c2i2xO_	Alignment	not modelled	8.1	70	PDB header: transferase Chain: O: PDB Molecule: methyltransferase 1; PDBTitle: crystal structure of methanol:cobalamin methyltransferase complex2 mtabc from methanosarcina barkeri
22	c6emvA_	Alignment	not modelled	7.9	18	PDB header: rna binding protein Chain: A: PDB Molecule: trna (guanine(9)-/adenine(9)-n1)-methyltransferase; PDBTitle: crystal structure of dual specific trm10 construct from thermococcus2 kodakaraensis.
23	c1xi4D_	Alignment	not modelled	7.9	46	PDB header: endocytosis/exocytosis Chain: D: PDB Molecule: clathrin heavy chain; PDBTitle: clathrin d6 coat
24	c4rp3A_	Alignment	not modelled	7.2	25	PDB header: antitumor protein Chain: A: PDB Molecule: disks large 1 tumor suppressor protein; PDBTitle: crystal structure of the I27 domain of discs large 1 (target id2 nysgrc-010766) from drosophila melanogaster bound to a potassium ion3 (space group p212121)
25	c1sopA_	Alignment	not modelled	6.9	67	PDB header: structural protein Chain: A: PDB Molecule: mini-collagen; PDBTitle: c-terminal cysteine-rich domain of minicollagen-i from hydra
26	c2p2uA_	Alignment	not modelled	6.5	13	PDB header: dna binding protein Chain: A: PDB Molecule: host-nuclease inhibitor protein gam, putative; PDBTitle: crystal structure of putative host-nuclease inhibitor protein gam from2 desulfovibrio vulgaris
27	c3bm4B_	Alignment	not modelled	6.2	43	PDB header: hydrolase Chain: B: PDB Molecule: adp-sugar pyrophosphatase; PDBTitle: crystal structure of human adp-ribose pyrophosphatase nudt5 in complex2 with magnesium and ampcpr
						Fold: L27 domain

28	d1rsoa_	Alignment	not modelled	6.1	21	Superfamily: L27 domain Family: L27 domain
29	d2co5a1	Alignment	not modelled	6.1	33	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: F93-like
30	d1hd6a_	Alignment	not modelled	5.7	73	Fold: Protozoan pheromone-like Superfamily: Protozoan pheromone proteins Family: Protozoan pheromone proteins
31	c1hd6A_	Alignment	not modelled	5.7	73	PDB header: pheromone Chain: A: PDB Molecule: pheromone er-22; PDBTitle: pheromone er-22, nmr
32	c2kyaA_	Alignment	not modelled	5.6	88	PDB header: unknown function Chain: A: PDB Molecule: patellamide protein; PDBTitle: solution structure of the leader sequence of the patellamide precursor2 peptide, pate1-34