Phyre2

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Description	RVBD2375_(-)_2655275_2655592
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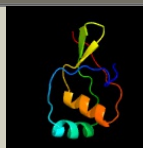
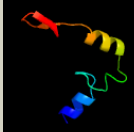
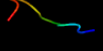
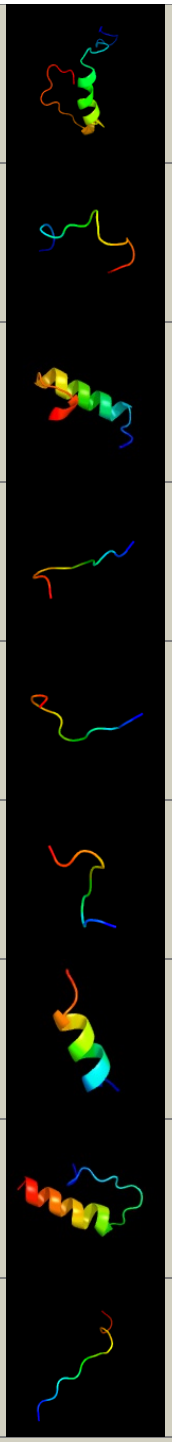
Unique Job ID	79df0dbd45433058

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2hwja1	Alignment		91.0	15	**Fold:**ParB/Sulfiredoxin **Superfamily:**ParB/Sulfiredoxin **Family:**Atu1540-like
2	c5ujdB_	Alignment		47.6	21	**PDB header:**gene regulation **Chain:** B: **PDB Molecule:**siderophore biosynthesis protein sbni; **PDBTitle:** sbni from staphylococcus pseudintermedius
3	c2frxD_	Alignment		44.5	24	**PDB header:**transferase **Chain:** D: **PDB Molecule:**hypothetical protein yebu; **PDBTitle:** crystal structure of yebu, a m5c rna methyltransferase from e.coli
4	c3k1qP_	Alignment		26.6	19	**PDB header:** **PDB COMPND:**
5	c2cseB_	Alignment		22.7	27	**PDB header:**virus **Chain:** B: **PDB Molecule:**major outer-capsid protein mu1; **PDBTitle:** features of reovirus outer-capsid protein mu1 revealed by2 electron and image reconstruction of the virion at 7.0-a3 resolution
6	c1jmuD_	Alignment		21.5	27	**PDB header:**viral protein **Chain:** D: **PDB Molecule:**protein mu-1; **PDBTitle:** crystal structure of the reovirus mu1/sigma3 complex
7	c3spaA_	Alignment		18.9	34	**PDB header:**transferase **Chain:** A: **PDB Molecule:**dna-directed rna polymerase, mitochondrial; **PDBTitle:** crystal structure of human mitochondrial rna polymerase
8	c6erqA_	Alignment		16.3	34	**PDB header:**transcription **Chain:** A: **PDB Molecule:**dna-directed rna polymerase, mitochondrial; **PDBTitle:** structure of the human mitochondrial transcription initiation complex2 at the hsp promoter
9	d1mswd_	Alignment		16.1	23	**Fold:**DNA/RNA polymerases **Superfamily:**DNA/RNA polymerases **Family:**T7 RNA polymerase
10	d1rp3a1	Alignment		14.1	16	**Fold:**DNA/RNA-binding 3-helical bundle **Superfamily:**Sigma3 and sigma4 domains of RNA polymerase sigma factors **Family:**Sigma3 domain
11	c2nyuA_	Alignment		13.1	55	**PDB header:**transferase **Chain:** A: **PDB Molecule:**putative ribosomal rna methyltransferase 2; **PDBTitle:** crystal structure of human ftsj homolog 2 (e.coli) protein in complex2 with s-adenosylmethionine

12	c4fp9F_	Alignment		11.8	26	**PDB header:**transferase **Chain:** F: **PDB Molecule:**methyltransferase nsun4; **PDBTitle:** human mterf4-nsun4 protein complex
13	d1qp8a2	Alignment		11.7	40	**Fold:**Flavodoxin-like **Superfamily:**Formate/glycerate dehydrogenase catalytic domain-like **Family:**Formate/glycerate dehydrogenases, substrate-binding domain
14	c5x3tA_	Alignment		10.6	50	**PDB header:**antitoxin/toxin **Chain:** A: **PDB Molecule:**antitoxin vapb26; **PDBTitle:** vapbc from mycobacterium tuberculosis
15	c2plwA_	Alignment		10.2	27	**PDB header:**transferase **Chain:** A: **PDB Molecule:**ribosomal rna methyltransferase, putative; **PDBTitle:** crystal structure of a ribosomal rna methyltransferase, putative, from2 plasmodium falciparum (pf13_0052).
16	c3douA_	Alignment		10.2	45	**PDB header:**transferase **Chain:** A: **PDB Molecule:**ribosomal rna large subunit methyltransferase j; **PDBTitle:** crystal structure of methyltransferase involved in cell division from2 thermoplasma volcanicum gss1
17	c5a9cA_	Alignment		9.4	50	**PDB header:**viral protein **Chain:** A: **PDB Molecule:**polyhedrin; **PDBTitle:** crystal structure of antheraea mylitta cpv4 polyhedra base2 domain deleted mutant
18	c1avoA_	Alignment		9.1	29	**PDB header:**proteasome activator **Chain:** A: **PDB Molecule:**11s regulator; **PDBTitle:** proteasome activator reg(alpha)
19	c3rxzA_	Alignment		8.3	18	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**polysaccharide deacetylase; **PDBTitle:** crystal structure of putative polysaccharide deacetylase from2 mycobacterium smegmatis
20	c3zwzB_	Alignment		7.9	62	**PDB header:**immune system **Chain:** B: **PDB Molecule:**rhoptry neck protein 2; **PDBTitle:** crystal structure of plasmodium falciparum ama1 in complex with a2 39aa pfron2 peptide
21	c5a96A_	Alignment	not modelled	7.8	32	**PDB header:**viral protein **Chain:** A: **PDB Molecule:**polyhedrin; **PDBTitle:** crystal structure of lymantria dispar cpv14 polyhedra
22	c3s6oD_	Alignment	not modelled	7.4	11	**PDB header:**hydrolase **Chain:** D: **PDB Molecule:**polysaccharide deacetylase family protein; **PDBTitle:** crystal structure of a polysaccharide deacetylase family protein from2 burkholderia pseudomallei
23	c3m6wA_	Alignment	not modelled	7.2	34	**PDB header:**transferase **Chain:** A: **PDB Molecule:**rrna methylase; **PDBTitle:** multi-site-specific 16s rrna methyltransferase rsmf from thermus2 thermophilus in space group p21212 in complex with s-adenosyl-l-3 methionine
24	c5uyoA_	Alignment	not modelled	7.0	39	**PDB header:**de novo protein **Chain:** A: **PDB Molecule:**heeh_rd4_0097; **PDBTitle:** solution nmr structure of the de novo mini protein heeh_rd4_0097
25	d1h8ba_	Alignment	not modelled	6.6	40	**Fold:**EF Hand-like **Superfamily:**EF-hand **Family:**EF-hand modules in multidomain proteins
26	c1vw3D_	Alignment	not modelled	6.0	30	**PDB header:**ribosome **Chain:** D: **PDB Molecule:**54s ribosomal protein yml6, mitochondrial; **PDBTitle:** structure of the yeast mitochondrial large ribosomal subunit
27	c5ujeA_	Alignment	not modelled	5.6	17	**PDB header:**gene regulation **Chain:** A: **PDB Molecule:**sbni protein; **PDBTitle:** sbni with c-terminal truncation from staphylococcus aureus
28	c4wvmB_	Alignment	not modelled	5.3	35	**PDB header:**toxin **Chain:** B: **PDB Molecule:**stonustoxin subunit beta; **PDBTitle:** stonustoxin structure

29	d1vk1a_	Alignment	not modelled	5.3	17	**Fold:**ParB/Sulfiredoxin **Superfamily:**ParB/Sulfiredoxin **Family:**Hypothetical protein PF0380
30	c3m4xA_	Alignment	not modelled	5.3	29	**PDB header:**transferase **Chain:** A: **PDB Molecule:**nol1/nop2/sun family protein; **PDBTitle:** structure of a ribosomal methyltransferase
31	d2bjra2	Alignment	not modelled	5.3	25	**Fold:**MFPT repeat-like **Superfamily:**MFPT repeat-like **Family:**MFPT repeat
32	c5wwrA_	Alignment	not modelled	5.2	42	**PDB header:**transferase/rna **Chain:** A: **PDB Molecule:**putative methyltransferase nsun6; **PDBTitle:** crystal structure of human nsun6/trna/sfg