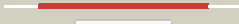
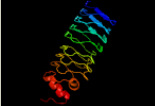

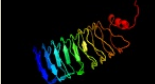
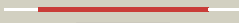
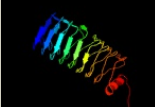

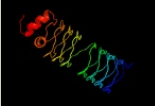

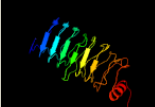

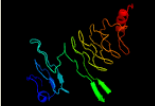

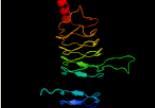



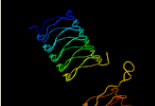

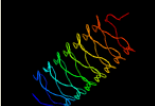

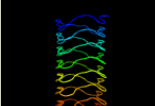


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3361c_(-)_3773187_3773738
Date	Fri Aug 9 18:20:02 BST 2019
Unique Job ID	b6a64450c7ecdb14

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2bm5a1	 Alignment		100.0	100	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
2	c2xt4B_	 Alignment		100.0	16	PDB header: cell cycle Chain: B: PDB Molecule: mcbg-like protein; PDBTitle: structure of the pentapeptide repeat protein albg, a resistance factor2 for the topoisomerase poison albicidin.
3	c2xt4A_	 Alignment		100.0	16	PDB header: cell cycle Chain: A: PDB Molecule: mcbg-like protein; PDBTitle: structure of the pentapeptide repeat protein albg, a resistance factor2 for the topoisomerase poison albicidin.
4	c4yc5A_	 Alignment		100.0	44	PDB header: structural protein Chain: A: PDB Molecule: beta1; PDBTitle: beta1 synthetic solenoid protein
5	c2w7zB_	 Alignment		100.0	18	PDB header: inhibitor Chain: B: PDB Molecule: pentapeptide repeat family protein; PDBTitle: structure of the pentapeptide repeat protein efsqr, a dna2 gyrase inhibitor. free amines modified by cyclic3 pentylation with glutaraldehyde.
6	c3pssB_	 Alignment		99.9	18	PDB header: cell cycle Chain: B: PDB Molecule: qnr; PDBTitle: crystal structure of ahqnr, the qnr protein from aeromonas hydrophila2 (p21 crystal form)
7	c2xtwB_	 Alignment		99.9	17	PDB header: cell cycle Chain: B: PDB Molecule: qnrB1; PDBTitle: structure of qnrB1 (full length), a plasmid-mediated fluorquinolone2 resistance protein
8	c6flsD_	 Alignment		99.9	13	PDB header: unknown function Chain: D: PDB Molecule: pentapeptide repeat family protein; PDBTitle: pentapeptide repeat family protein from clostridium botulinum
9	c3du1X_	 Alignment		99.9	20	PDB header: structural protein Chain: X: PDB Molecule: all3740 protein; PDBTitle: the 2.0 angstrom resolution crystal structure of hetI, a pentapeptide2 repeat protein involved in heterocyst differentiation regulation from3 the cyanobacterium nostoc sp. strain pcc 7120
10	d2j8ka1	 Alignment		99.9	21	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
11	c2j8ka_	 Alignment		99.9	21	PDB header: toxin Chain: A: PDB Molecule: np275-np276; PDBTitle: structure of the fusion of np275 and np276, pentapeptide2 repeat proteins from nostoc punctiforme

12	c2o6wA_	Alignment		99.9	19	PDB header: unknown function Chain: A: PDB Molecule: repeat five residue (rfr) protein or PDBTitle: crystal structure of a pentapeptide repeat protein (rfr23)2 from the cyanobacterium cyanothece 51142
13	c3nb2B_	Alignment		99.8	17	PDB header: ligase Chain: B: PDB Molecule: secreted effector protein; PDBTitle: crystal structure of e. coli o157:h7 effector protein nlel
14	c2g0yA_	Alignment		99.8	29	PDB header: unknown function Chain: A: PDB Molecule: pentapeptide repeat protein; PDBTitle: crystal structure of a luminal pentapeptide repeat protein from2 cyanothece sp 51142 at 2.3 angstrom resolution. tetragonal crystal3 form
15	c3n90A_	Alignment		99.8	12	PDB header: unknown function Chain: A: PDB Molecule: thylakoid luminal 15 kda protein 1, chloroplastic; PDBTitle: the 1.7 angstrom resolution crystal structure of at2g44920, a2 pentapeptide repeat protein from arabidopsis thaliana thylakoid3 lumen.
16	d2f3la1	Alignment		99.8	29	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
17	c2j8iB_	Alignment		99.8	27	PDB header: toxin Chain: B: PDB Molecule: np275; PDBTitle: structure of np275, a pentapeptide repeat protein from2 nostoc punctiforme
18	d2j8ia1	Alignment		99.6	42	Fold: Single-stranded right-handed beta-helix Superfamily: Pentapeptide repeat-like Family: Pentapeptide repeats
19	c2qzaA_	Alignment		99.1	15	PDB header: ligase Chain: A: PDB Molecule: secreted effector protein; PDBTitle: crystal structure of salmonella effector protein sopa
20	c4jraC_	Alignment		99.0	18	PDB header: hydrolase Chain: C: PDB Molecule: synaptic vesicle glycoprotein 2c; PDBTitle: crystal structure of the botulinum neurotoxin a receptor-binding2 domain in complex with the luminal domain of sv2c
21	c2bptB_	Alignment	not modelled	11.3	11	PDB header: nuclear transport Chain: B: PDB Molecule: nucleoporin nup1; PDBTitle: structure of the nup1p:kap95p complex