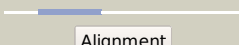
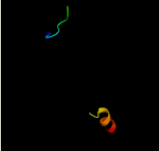

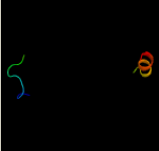


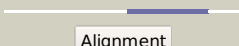
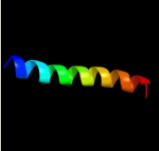
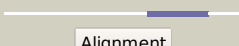
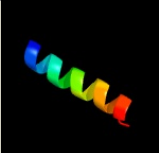
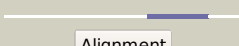

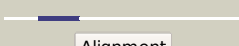

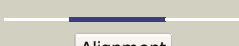
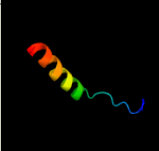

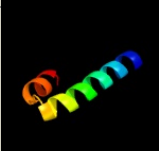




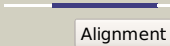

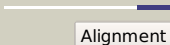

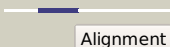

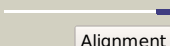

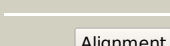

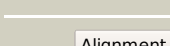



Phyre2

Email	mdejesus@rockefeller.edu
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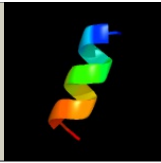
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6g90T_	 Alignment		23.8	20	PDB header: splicing Chain: T; PDB Molecule: pre-mrna-splicing factor prp9; PDBTitle: prespliceosome structure provides insight into spliceosome assembly2 and regulation (map a2)
2	c5z58w_	 Alignment		19.0	25	PDB header: splicing Chain: W; PDB Molecule: PDBTitle: cryo-em structure of a human activated spliceosome (early bact) at 4.92 angstrom.
3	d1dv0a_	 Alignment		11.3	31	Fold: RuvA C-terminal domain-like Superfamily: UBA-like Family: UBA domain
4	c6hwhW_	 Alignment		11.0	16	PDB header: electron transport Chain: W; PDB Molecule: cytochrome c oxidase subunit 3; PDBTitle: structure of a functional obligate respiratory supercomplex from2 mycobacterium smegmatis
5	c2ks1A_	 Alignment		10.4	47	PDB header: transferase Chain: A; PDB Molecule: receptor tyrosine-protein kinase erbB-2; PDBTitle: heterodimeric association of transmembrane domains of erbB1 and erbB2 receptors enabling kinase activation
6	c2jwaA_	 Alignment		10.4	47	PDB header: transferase Chain: A; PDB Molecule: receptor tyrosine-protein kinase erbB-2; PDBTitle: erbB2 transmembrane segment dimer spatial structure
7	d3e46a1	 Alignment		9.3	46	Fold: RuvA C-terminal domain-like Superfamily: UBA-like Family: UBA domain
8	d1rh5b_	 Alignment		7.8	22	Fold: Single transmembrane helix Superfamily: Preprotein translocase SecE subunit Family: Preprotein translocase SecE subunit
9	d2peqa1	 Alignment		7.5	27	Fold: RbcX-like Superfamily: RbcX-like Family: RbcX-like
10	c2peoA_	 Alignment		6.1	23	PDB header: chaperone Chain: A; PDB Molecule: rbcx protein; PDBTitle: crystal structure of rbcx from anabaena ca
11	d2peoa1	 Alignment		6.1	23	Fold: RbcX-like Superfamily: RbcX-like Family: RbcX-like

12	c2penE_	 Alignment		5.9	27	PDB header: chaperone Chain: E: PDB Molecule: orf134; PDBTitle: crystal structure of rbcx, crystal form i
13	c5yq7H_	 Alignment		5.3	67	PDB header: photosynthesis Chain: H: PDB Molecule: alpha subunit of light-harvesting 1; PDBTitle: cryo-em structure of the rc-lh core complex from roseiflexus2 castenholzii
14	d2glia1	 Alignment		5.2	31	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
15	c1afoB_	 Alignment		5.1	55	PDB header: integral membrane protein Chain: B: PDB Molecule: glycophorin a; PDBTitle: dimeric transmembrane domain of human glycophorin a, nmr,2 20 structures
16	c4ogqE_	 Alignment		5.1	42	PDB header: electron transport Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: internal lipid architecture of the hetero-oligomeric cytochrome b6f2 complex
17	c2zt9E_	 Alignment		5.1	42	PDB header: photosynthesis Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: crystal structure of the cytochrome b6f complex from nostoc sp. pcc2 7120

18 [c4h44E](#)

Alignment



5.1

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PDB header: photosynthesis
Chain: E: **PDB Molecule:** cytochrome b6-f complex subunit 6;
PDBTitle: 2.70 a cytochrome b6f complex structure from nostoc pcc 7120