
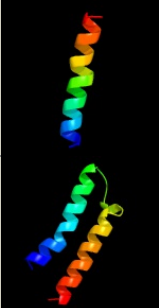
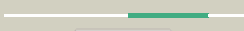
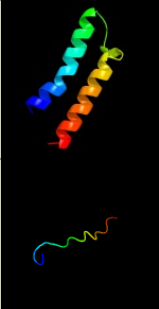


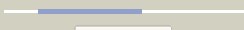


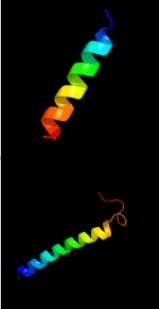





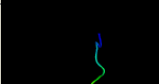


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2446c_(-)_2745777_2746148
Date	Wed Aug 7 12:50:07 BST 2019
Unique Job ID	aa61365c6a99b691

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c6hu9u_	 Alignment		72.7	17	PDB header: oxidoreductase/electron transport Chain: U: PDB Molecule: cytochrome b-c1 complex subunit 10; PDBTitle: iii2-iv2 mitochondrial respiratory supercomplex from s. cerevisiae
2	c6mhqE_	 Alignment		41.3	12	PDB header: membrane protein Chain: E: PDB Molecule: gap junction alpha-3 protein, connexin-46; PDBTitle: structure of connexin-46 intercellular gap junction channel at 3.42 angstrom resolution by cryoem
3	d2aqaa1	 Alignment		31.4	20	Fold: Rubredoxin-like Superfamily: Nop10-like SnoRNP Family: Nucleolar RNA-binding protein Nop10-like
4	c4fc4H_	 Alignment		28.1	22	PDB header: transport protein Chain: H: PDB Molecule: nitrite transporter nirc; PDBTitle: fnt family ion channel
5	c2fotC_	 Alignment		16.0	25	PDB header: metal binding, structural protein Chain: C: PDB Molecule: alpha-ii spectrin spectrin; PDBTitle: crystal structure of the complex between calmodulin and2 alphaii-spectrin
6	d3ehbb2	 Alignment		15.1	11	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
7	d3dtub2	 Alignment		11.0	13	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
8	c1pjmA_	 Alignment		8.5	19	PDB header: protein transport Chain: A: PDB Molecule: retinoblastoma-associated protein; PDBTitle: mouse importin alpha-bipartite nls from human2 retinoblastoma protein complex

9

[c6hwhX_](#)

Alignment



5.5

19

PDB header: electron transport

Chain: X: **PDB Molecule:** cytochrome c oxidase polypeptide 4;

PDB Title: structure of a functional obligate respiratory supercomplex from *Mycobacterium smegmatis*