

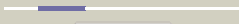
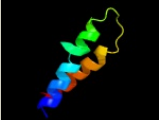

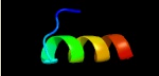

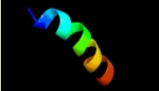








# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0970_(-)_1081056_1081688
Date	Wed Jul 31 22:05:03 BST 2019
Unique Job ID	8c15d3910bd3e453

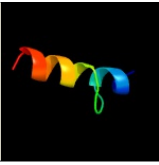
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3jcuw_</a>	 Alignment		15.5	21	<b>PDB header:</b> membrane protein <b>Chain:</b> W: <b>PDB Molecule:</b> photosystem ii reaction center w protein, chloroplastic; <b>PDBTitle:</b> cryo-em structure of spinach psii-lhcii supercomplex at 3.2 angstrom2 resolution
2	<a href="#">c4qndA_</a>	 Alignment		14.9	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> chemical transport protein; <b>PDBTitle:</b> crystal structure of a semisweet
3	<a href="#">c1kcfB_</a>	 Alignment		10.0	41	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical 30.2 kd protein c25g10.02 in <b>PDBTitle:</b> crystal structure of the yeast mitochondrial holliday2 junction resolvase, ydc2
4	<a href="#">c3a0hk_</a>	 Alignment		8.6	39	<b>PDB header:</b> electron transport <b>Chain:</b> K: <b>PDB Molecule:</b> photosystem ii reaction center protein k; <b>PDBTitle:</b> crystal structure of i-substituted photosystem ii complex
5	<a href="#">c2y69Z_</a>	 Alignment		8.0	23	<b>PDB header:</b> electron transport <b>Chain:</b> Z: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide 8h; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular oxygen
6	<a href="#">d1v54m_</a>	 Alignment		5.9	23	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIIIb (aka IX) <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIIIb (aka IX)
7	<a href="#">c2lg6A_</a>	 Alignment		5.8	83	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> gallinacin-2; <b>PDBTitle:</b> nmr structure of chicken avbd2-k31a mutant

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[c2i5nH\\_](#)

Alignment



5.5

29

**PDB header:**photosynthesis

**Chain:** H: **PDB Molecule:**reaction center protein h chain;

**PDBTitle:** 1.96 a x-ray structure of photosynthetic reaction center from2 rhodopseudomonas viridis:crystals grown by microfluidic technique