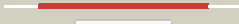
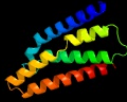







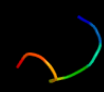


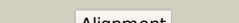




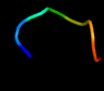

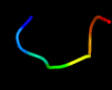
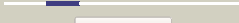
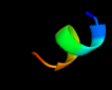



Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD3070_(ccrB)_3434084_3434464
 Date Thu Aug 8 16:20:24 BST 2019
 Unique Job ID 5a9f888406ad58be

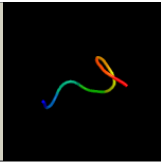
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5a43B_	 Alignment		100.0	28	PDB header: transport protein Chain: B; PDB Molecule: putative fluoride ion transporter crrcb; PDBTitle: crystal structure of a dual topology fluoride ion channel.
2	c5a40C_	 Alignment		100.0	31	PDB header: transport protein Chain: C; PDB Molecule: putative fluoride ion transporter crrcb; PDBTitle: crystal structure of a dual topology fluoride ion channel.
3	c5edlA_	 Alignment		25.1	11	PDB header: transport protein Chain: A; PDB Molecule: putative hmp/thiamine permease protein ykoe; PDBTitle: crystal structure of an s-component of ecf transporter
4	c1m2zE_	 Alignment		9.4	44	PDB header: hormone/hormone activator Chain: E; PDB Molecule: nuclear receptor coactivator 2; PDBTitle: crystal structure of a dimer complex of the human glucocorticoid2 receptor ligand-binding domain bound to dexamethasone and a tif23 coactivator motif
5	c2xokG_	 Alignment		8.9	25	PDB header: hydrolase Chain: G; PDB Molecule: atp synthase subunit gamma, mitochondrial; PDBTitle: refined structure of yeast f1c10 atpase complex to 3 a resolution
6	c3gn8C_	 Alignment		8.0	44	PDB header: hormone/hormone activator Chain: C; PDB Molecule: nuclear receptor coactivator 2; PDBTitle: x-ray crystal structure of ancgr2 in complex with2 dexamethasone
7	c5lj7B_	 Alignment		7.5	18	PDB header: transport protein Chain: B; PDB Molecule: macrolide export atp-binding/permease protein macb; PDBTitle: structure of aggregatibacter actinomycetemcomitans macb bound to atp2 (p21)
8	c3gn8E_	 Alignment		7.5	44	PDB header: hormone/hormone activator Chain: E; PDB Molecule: nuclear receptor coactivator 2; PDBTitle: x-ray crystal structure of ancgr2 in complex with2 dexamethasone
9	c2w6hG_	 Alignment		7.2	38	PDB header: hydrolase Chain: G; PDB Molecule: atp synthase subunit gamma, mitochondrial; PDBTitle: low resolution structures of bovine mitochondrial f1-atpase during2 controlled dehydration: hydration state 4a.
10	d2jdig1	 Alignment		6.3	38	Fold: Pyruvate kinase C-terminal domain-like Superfamily: ATP synthase (F1-ATPase), gamma subunit Family: ATP synthase (F1-ATPase), gamma subunit
11	c1m2zB_	 Alignment		6.3	44	PDB header: hormone/hormone activator Chain: B; PDB Molecule: nuclear receptor coactivator 2; PDBTitle: crystal structure of a dimer complex of the human glucocorticoid2 receptor ligand-binding domain bound to dexamethasone and a tif23 coactivator motif

12	d1fs0g_	Alignment			6.0	25	<p>Fold:Pyruvate kinase C-terminal domain-like</p> <p>Superfamily:ATP synthase (F1-ATPase), gamma subunit</p> <p>Family:ATP synthase (F1-ATPase), gamma subunit</p>
13	c5lqxG_	Alignment			6.0	25	<p>PDB header:hydrolase</p> <p>Chain: G; PDB Molecule:atp synthase gamma subunit;</p> <p>PDBTitle: structure of f-atpase from pichia angusta, state3</p>
14	c6focG_	Alignment			6.0	50	<p>PDB header:hydrolase</p> <p>Chain: G; PDB Molecule:atp synthase gamma chain;</p> <p>PDBTitle: f1-atpase from mycobacterium smegmatis</p>
15	c5zwlG_	Alignment			5.9	50	<p>PDB header:hydrolase</p> <p>Chain: G; PDB Molecule:atp synthase gamma chain;</p> <p>PDBTitle: crystal structure of the gamma - epsilon complex of photosynthetic2 cyanobacterial f1-atpase</p>
16	c2qe7G_	Alignment			5.8	38	<p>PDB header:hydrolase</p> <p>Chain: G; PDB Molecule:atp synthase subunit gamma;</p> <p>PDBTitle: crystal structure of the f1-atpase from the thermoalkaliphilic2 bacterium bacillus sp. ta2.a1</p>
17	c5dn6G_	Alignment			5.7	25	<p>PDB header:hydrolase</p> <p>Chain: G; PDB Molecule:atp synthase gamma chain;</p> <p>PDBTitle: atp synthase from paracoccus denitrificans</p>

18 [c3oaaO_](#)

Alignment



5.7

25

PDB header:hydrolase/transport protein
Chain: O: **PDB Molecule:**atp synthase gamma chain;
PDBTitle: structure of the e.coli f1-atp synthase inhibited by subunit epsilon