




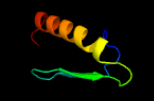
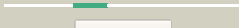
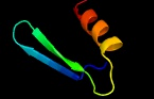

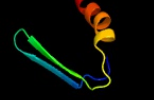
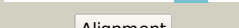
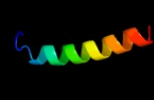
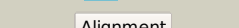

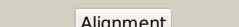
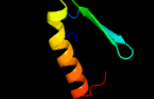
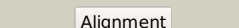

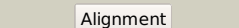





# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0831c (-) _922897_923712
Date	Fri Jul 26 01:50:41 BST 2019
Unique Job ID	4204af3443568e3d

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1f4nb_</a>	 Alignment		66.7	12	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
2	<a href="#">d1f4na_</a>	 Alignment		65.5	12	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
3	<a href="#">c2ltlA_</a>	 Alignment		62.2	0	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> nifu-like protein, mitochondrial; <b>PDBTitle:</b> solution nmr structure of nifu-like protein from saccharomyces2 cerevisiae, northeast structural genomics consortium (nesg) target3 yr313a
4	<a href="#">d2ffma1</a>	 Alignment		45.0	14	<b>Fold:</b> Hypothetical protein SAV1430 <b>Superfamily:</b> Hypothetical protein SAV1430 <b>Family:</b> Hypothetical protein SAV1430
5	<a href="#">c2k1hA_</a>	 Alignment		35.7	3	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein ser13; <b>PDBTitle:</b> solution nmr structure of ser13 from staphylococcus epidermidis.2 northeast structural genomics consortium target ser13
6	<a href="#">d2ijka1</a>	 Alignment		34.3	16	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
7	<a href="#">d1e8oa_</a>	 Alignment		33.4	24	<b>Fold:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14 <b>Superfamily:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14 <b>Family:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14
8	<a href="#">c2ltmA_</a>	 Alignment		32.3	4	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> nfu1 iron-sulfur cluster scaffold homolog, mitochondrial; <b>PDBTitle:</b> solution nmr structure of nfu1 iron-sulfur cluster scaffold homolog2 from homo sapiens, northeast structural genomics consortium (nesg)3 target hr2876b
9	<a href="#">c1yo7A_</a>	 Alignment		27.7	19	<b>PDB header:</b> replication regulator <b>Chain:</b> A: <b>PDB Molecule:</b> regulatory protein rop; <b>PDBTitle:</b> re-engineering topology of the homodimeric rop protein into a single-2 chain 4-helix bundle
10	<a href="#">d1gtoa_</a>	 Alignment		26.9	16	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
11	<a href="#">d1wmha_</a>	 Alignment		22.5	15	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain

12	<a href="#">c1914A_</a>	Alignment		18.4	18	<b>PDB header:</b> alu domain <b>Chain:</b> A: <b>PDB Molecule:</b> signal recognition particle 9/14 fusion protein; <b>PDBTitle:</b> signal recognition particle alu rna binding heterodimer, srp9/14
13	<a href="#">d1914a1</a>	Alignment		18.1	18	<b>Fold:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14 <b>Superfamily:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14 <b>Family:</b> Signal recognition particle alu RNA binding heterodimer, SRP9/14
14	<a href="#">c3ug9A_</a>	Alignment		16.5	17	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> archaeal-type opsin 1, archaeal-type opsin 2; <b>PDBTitle:</b> crystal structure of the closed state of channelrhodopsin
15	<a href="#">c4ot1A_</a>	Alignment		16.3	11	<b>PDB header:</b> viral protein/immune system <b>Chain:</b> A: <b>PDB Molecule:</b> envelope glycoprotein b; <b>PDBTitle:</b> structural basis for the recognition of human cytomegalovirus2 glycoprotein b by the neutralizing human antibody sm5-1
16	<a href="#">d1nkda_</a>	Alignment		13.9	12	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
17	<a href="#">d1ip9a_</a>	Alignment		13.5	9	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain
18	<a href="#">d1qx8a_</a>	Alignment		10.9	14	<b>Fold:</b> ROP-like <b>Superfamily:</b> ROP protein <b>Family:</b> ROP protein
19	<a href="#">c5jieE_</a>	Alignment		8.3	13	<b>PDB header:</b> viral protein <b>Chain:</b> E: <b>PDB Molecule:</b> protein delta; <b>PDBTitle:</b> crystal structure of the orsay virus delta protein n-terminal fragment2 (aa 1-66)
20	<a href="#">d1q1oa_</a>	Alignment		7.4	4	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain
21	<a href="#">d2i3ca1</a>	Alignment	not modelled	6.3	10	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Zn-dependent exopeptidases <b>Family:</b> AstE/AspA-like
22	<a href="#">c2z51A_</a>	Alignment	not modelled	5.8	16	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> nifu-like protein 2, chloroplast; <b>PDBTitle:</b> crystal structure of arabidopsis cnfu involved in iron-sulfur cluster2 biosynthesis
23	<a href="#">d1uf0a_</a>	Alignment	not modelled	5.3	26	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Doublecortin (DC) <b>Family:</b> Doublecortin (DC)