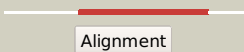

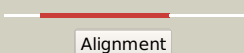
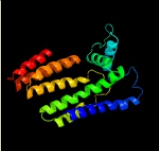
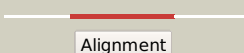

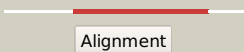



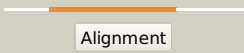

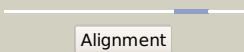

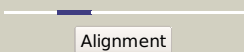

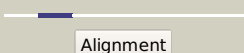


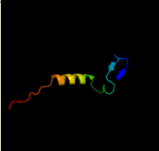

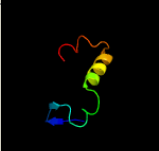


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0541c_(-)_633058_634407
Date	Fri Jul 26 01:50:09 BST 2019
Unique Job ID	65869065c440dafa

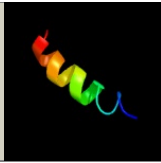
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5f15A_	 Alignment		98.6	13	PDB header: transferase Chain: A: PDB Molecule: 4-amino-4-deoxy-l-arabinose (l-ara4n) transferase; PDBTitle: crystal structure of arnt from cupriavidus metallidurans bound to2 undecaprenyl phosphate
2	c3rceA_	 Alignment		96.7	12	PDB header: transferase/peptide Chain: A: PDB Molecule: oligosaccharide transferase to n-glycosylate proteins; PDBTitle: bacterial oligosaccharyltransferase pglb
3	c6p2rB_	 Alignment		95.5	13	PDB header: transferase Chain: B: PDB Molecule: dolichyl-phosphate-mannose--protein mannosyltransferase 2; PDBTitle: structure of s. cerevisiae protein o-mannosyltransferase pmt1-pmt22 complex bound to the sugar donor
4	c3wajA_	 Alignment		92.5	14	PDB header: transferase Chain: A: PDB Molecule: transmembrane oligosaccharyl transferase; PDBTitle: crystal structure of the archaeoglobus fulgidus2 oligosaccharyltransferase (o29867_arcfu) complex with zn and sulfate
5	c6p25A_	 Alignment		91.8	15	PDB header: transferase Chain: A: PDB Molecule: dolichyl-phosphate-mannose--protein mannosyltransferase 2; PDBTitle: structure of s. cerevisiae protein o-mannosyltransferase pmt1-pmt22 complex bound to the sugar donor and a peptide acceptor
6	c6eznF_	 Alignment		88.1	11	PDB header: membrane protein Chain: F: PDB Molecule: dolichyl-diphosphooligosaccharide--protein PDBTitle: cryo-em structure of the yeast oligosaccharyltransferase (ost) complex
7	c6adqP_	 Alignment		21.4	19	PDB header: electron transport Chain: P: PDB Molecule: prokaryotic respiratory supercomplex associate factor 1 PDBTitle: respiratory complex ciii2civ2sod2 from mycobacterium smegmatis
8	c5zcrB_	 Alignment		9.4	18	PDB header: hydrolase Chain: B: PDB Molecule: maltooligosyl trehalose synthase; PDBTitle: dsm5389 glycosyltrehalose synthase
9	c5gxwB_	 Alignment		7.8	44	PDB header: protein binding Chain: B: PDB Molecule: peptide from nuclear mitotic apparatus protein 1; PDBTitle: importin and numa complex
10	c2wa0A_	 Alignment		6.7	15	PDB header: immune system Chain: A: PDB Molecule: melanoma-associated antigen 4; PDBTitle: crystal structure of the human magea4
11	c3nw0B_	 Alignment		6.5	17	PDB header: metal binding protein Chain: B: PDB Molecule: melanoma-associated antigen g1; PDBTitle: crystal structure of mageg1 and nse1 complex

12

[c2lx0A_](#)

Alignment



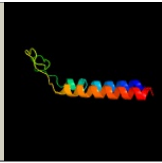
5.9

42

PDB header:membrane protein
Chain: A: **PDB Molecule:**membrane fusion protein p14;
PDBTitle: arced helix (arch) nmr structure of the reovirus p14 fusion-associated2 small transmembrane (fast) protein transmembrane domain (tmd) in3 dodecyl phosphocholine (dpc) micelles

13 [c6cfwG](#)

Alignment



5.3

12

PDB header:membrane protein
Chain: G: **PDB Molecule:**monovalent cation/h+ antiporter subunit
c;
PDBTitle: cryoem structure of a respiratory membrane-bound hydrogenase