
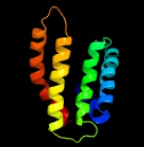

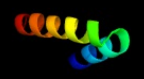
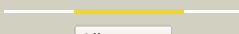


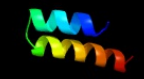

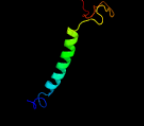


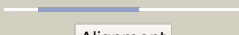

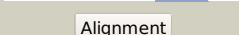
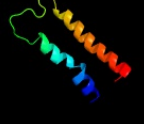
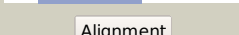



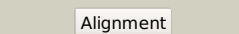
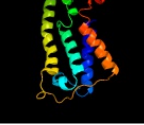

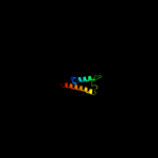



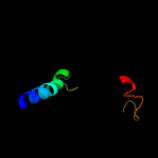

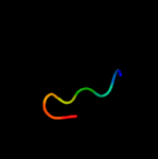
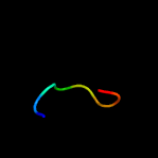


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0625c_(-)_717156_717896
Date	Fri Jul 26 01:50:18 BST 2019
Unique Job ID	a4864398c3871df3

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5d7tC_	 Alignment		90.5	14	PDB header: transport protein Chain: C; PDB Molecule: s-component for folate; PDBTitle: folate ecf transporter: apo state
2	c4huqS_	 Alignment		87.2	18	PDB header: hydrolase Chain: S; PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a transporter
3	c4z7fD_	 Alignment		76.5	11	PDB header: transport protein Chain: D; PDB Molecule: folate ecf transporter; PDBTitle: crystal structure of folt bound with folic acid
4	c3p5nA_	 Alignment		63.9	19	PDB header: transport protein Chain: A; PDB Molecule: riboflavin uptake protein; PDBTitle: structure and mechanism of the s component of a bacterial ecf2 transporter
5	c6nbxG_	 Alignment		43.0	18	PDB header: oxidoreductase Chain: G; PDB Molecule: nadh-quinone oxidoreductase subunit j; PDBTitle: t.elongatus ndh (data-set 2)
6	c1ciiA_	 Alignment		32.9	11	PDB header: transmembrane protein Chain: A; PDB Molecule: colicin ia; PDBTitle: colicin ia
7	c3nd0A_	 Alignment		27.9	15	PDB header: transport protein Chain: A; PDB Molecule: sll0855 protein; PDBTitle: x-ray crystal structure of a slow cyanobacterial cl-/h+ antiporter
8	c5n9yB_	 Alignment		26.8	12	PDB header: membrane protein Chain: B; PDB Molecule: zinc transport protein zntb; PDBTitle: the full-length structure of zntb
9	d1lotsa_	 Alignment		26.4	18	Fold: Clc chloride channel Superfamily: Clc chloride channel Family: Clc chloride channel
10	c4dveA_	 Alignment		26.1	12	PDB header: transport protein Chain: A; PDB Molecule: biotin transporter bioj; PDBTitle: crystal structure at 2.1 a of the s-component for biotin from an ecf-2 type abc transporter
11	c6humB_	 Alignment		22.3	11	PDB header: proton transport Chain: B; PDB Molecule: nad(p)h-quinone oxidoreductase subunit 2; PDBTitle: structure of the photosynthetic complex i from thermosynechococcus2 elongatus

12	c4ezdB_	Alignment		19.4	19	PDB header: transport protein Chain: B: PDB Molecule: urea transporter 1; PDBTitle: crystal structure of the ut-b urea transporter from bos taurus bound2 to selenourea
13	c4ev6E_	Alignment		17.2	7	PDB header: metal transport Chain: E: PDB Molecule: magnesium transport protein cora; PDBTitle: the complete structure of cora magnesium transporter from2 methanocaldococcus jannaschii
14	c4m5bA_	Alignment		16.7	12	PDB header: membrane protein Chain: A: PDB Molecule: cobalamin biosynthesis protein cbim; PDBTitle: crystal structure of an truncated transition metal transporter
15	c2b2hA_	Alignment		16.4	10	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter; PDBTitle: ammonium transporter amt-1 from a. fulgidus (as)
16	c4m5cA_	Alignment		16.3	12	PDB header: membrane protein Chain: A: PDB Molecule: cobalamin biosynthesis protein cbim; PDBTitle: crystal structure of an truncated transition metal transporter
17	c2n28A_	Alignment		13.2	19	PDB header: viral protein Chain: A: PDB Molecule: protein vpu; PDBTitle: solid-state nmr structure of vpu
18	c6hqeu_	Alignment		12.7	75	PDB header: protein fibril Chain: U: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
19	c6hqeq_	Alignment		12.7	75	PDB header: protein fibril Chain: Q: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
20	c6hqeu_	Alignment		12.7	75	PDB header: protein fibril Chain: U: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
21	c6hqec_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: C: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
22	c6hqel_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: L: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
23	c6hqee_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: E: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
24	c6hqej_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: J: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
25	c6hqez_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: Z: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
26	c6hqes_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: S: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
27	c6hqex_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: X: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
28	c6hqea_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: A: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
29	c6hqec_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: C: PDB Molecule: peptide lrv_m3delta1;

57	c6hqeQ_	Alignment	not modelled	12.7	75	Chain: Q: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
58	c6hqeB_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: B: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
59	c6hqeR_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: R: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
60	c6hqeW_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: W: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
61	c6hqeZ_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: Z: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
62	c6hqeT_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: T: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
63	c6hqeY_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: Y: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
64	c6hqeD_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: D: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
65	c6hqeO_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: O: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
66	c6hqeN_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: N: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
67	c6hqeG_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: G: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
68	c6hqeI_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: I: PDB Molecule: peptide lrv_m3delta1; PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
69	c6hqeV_	Alignment	not modelled	12.7	75	PDB header: protein fibril Chain: V: PDB Molecule: PDBTitle: cryo-em of self-assembly peptide filament lrv_m3delta1
70	c6hwhX_	Alignment	not modelled	9.7	11	PDB header: electron transport Chain: X: PDB Molecule: cytochrome c oxidase polypeptide 4; PDBTitle: structure of a functional obligate respiratory supercomplex from2 mycobacterium smegmatis
71	c2kncA_	Alignment	not modelled	8.7	7	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiib; PDBTitle: platelet integrin alfaiiib-beta3 transmembrane-cytoplasmic2 heterocomplex
72	d1kpla_	Alignment	not modelled	6.3	19	Fold: Clc chloride channel Superfamily: Clc chloride channel Family: Clc chloride channel
73	c2bbjB_	Alignment	not modelled	6.1	22	PDB header: metal transport/membrane protein Chain: B: PDB Molecule: divalent cation transport-related protein; PDBTitle: crystal structure of the cora mg2+ transporter
74	c4px7A_	Alignment	not modelled	5.9	7	PDB header: hydrolase Chain: A: PDB Molecule: phosphatidyglycerophosphatase; PDBTitle: crystal structure of lipid phosphatase e. coli pgpb