

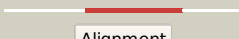

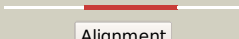



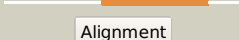

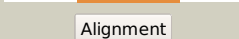

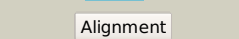

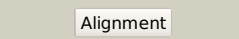
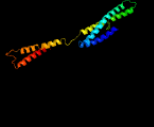
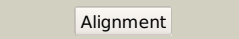
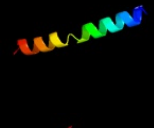



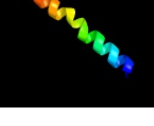


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3658c_(-)_4096317_4097117
Date	Fri Aug 9 18:20:34 BST 2019
Unique Job ID	15409bdd61531d0a

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3c1qA_	 Alignment		99.2	14	PDB header: transport protein Chain: A; PDB Molecule: general secretion pathway protein f; PDBTitle: the three-dimensional structure of the cytoplasmic domains of epsf2 from the type 2 secretion system of vibrio cholerae
2	c5nbgA_	 Alignment		99.2	15	PDB header: membrane protein Chain: A; PDB Molecule: general secretion pathway protein f; PDBTitle: structure of the cytoplasmic domain i of outf in the d. dadantii type2 ii secretion system
3	c2whnA_	 Alignment		98.3	11	PDB header: protein transport Chain: A; PDB Molecule: pilus assembly protein pilc; PDBTitle: n-terminal domain from the pilc type iv pilus biogenesis protein
4	c4hhxA_	 Alignment		97.3	13	PDB header: membrane protein Chain: A; PDB Molecule: toxin coregulated pilus biosynthesis protein e; PDBTitle: structure of cytoplasmic domain of tcpe from vibrio cholerae
5	c5n9yB_	 Alignment		89.1	12	PDB header: membrane protein Chain: B; PDB Molecule: zinc transport protein zntb; PDBTitle: the full-length structure of zntb
6	c6bs9A_	 Alignment		82.2	19	PDB header: transport protein Chain: A; PDB Molecule: stage iii sporulation protein ab; PDBTitle: stage iii sporulation protein ab (spoiiaab)
7	c4i0xA_	 Alignment		35.0	22	PDB header: structural genomics, unknown function Chain: A; PDB Molecule: esat-6-like protein mab_3112; PDBTitle: crystal structure of the mycobacterium abscessus esxf (mab_3112-2 mab_3113) complex
8	c4ev6E_	 Alignment		32.5	13	PDB header: metal transport Chain: E; PDB Molecule: magnesium transport protein cora; PDBTitle: the complete structure of cora magnesium transporter from2 methanocaldococcus jannaschii
9	c5ezeG_	 Alignment		27.9	18	PDB header: de novo protein Chain: G; PDB Molecule: cc-hept-bmecys-his-glu; PDBTitle: a de novo designed heptameric coiled coil cc-hept-i18betamecys-i22h-2 i25e
10	c5ezeF_	 Alignment		23.0	19	PDB header: de novo protein Chain: F; PDB Molecule: cc-hept-bmecys-his-glu; PDBTitle: a de novo designed heptameric coiled coil cc-hept-i18betamecys-i22h-2 i25e
11	c5f2yA_	 Alignment		23.0	19	PDB header: de novo protein Chain: A; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e

12	c5ezeA_	Alignment		23.0	19	PDB header: de novo protein Chain: A; PDB Molecule: cc-hept-bmecys-his-glu; PDBTitle: a de novo designed heptameric coiled coil cc-hept-i18betamecys-I22h-2 i25e
13	c5ezeE_	Alignment		22.9	19	PDB header: de novo protein Chain: E; PDB Molecule: cc-hept-bmecys-his-glu; PDBTitle: a de novo designed heptameric coiled coil cc-hept-i18betamecys-I22h-2 i25e
14	c5f2yE_	Alignment		22.9	19	PDB header: de novo protein Chain: E; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e
15	c5ezeC_	Alignment		22.9	19	PDB header: de novo protein Chain: C; PDB Molecule: cc-hept-bmecys-his-glu; PDBTitle: a de novo designed heptameric coiled coil cc-hept-i18betamecys-I22h-2 i25e
16	c6a6xC_	Alignment		22.7	17	PDB header: toxin Chain: C; PDB Molecule: antitoxin maze7; PDBTitle: the crystal structure of the mtb maze-mazf-mt9 complex
17	c5f2yG_	Alignment		22.5	19	PDB header: de novo protein Chain: G; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e
18	c5f2yF_	Alignment		10.9	17	PDB header: de novo protein Chain: F; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e
19	c5f2yB_	Alignment		10.0	17	PDB header: de novo protein Chain: B; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e
20	c3l8jA_	Alignment		8.1	17	PDB header: protein binding Chain: A; PDB Molecule: programmed cell death protein 10; PDBTitle: crystal structure of ccm3, a cerebral cavernous malformation protein2 critical for vascular integrity
21	c5f2yC_	Alignment	not modelled	5.5	17	PDB header: de novo protein Chain: C; PDB Molecule: cc-hept-hcys-h-e; PDBTitle: a de novo designed heptameric coiled coil cc-hept-homocys-h-e