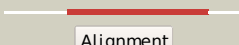
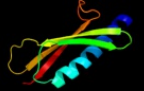
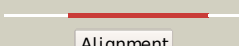
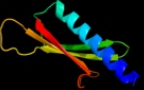
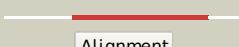
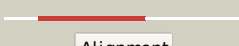
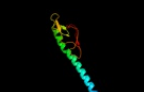
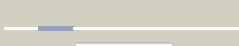
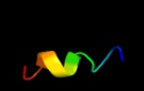
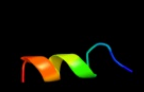


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P45760
Date	Thu Jan 5 12:03:37 GMT 2012
Unique Job ID	adf92dea3849605a

Detailed template information

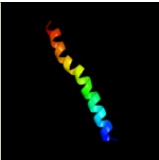
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1	c2retE_	 Alignment		99.7	17	PDB header: protein transport Chain: E: PDB Molecule: pseudopilin epsi; PDBTitle: the crystal structure of a binary complex of two pseudopilins: epsi2 and epsj from the type 2 secretion system of vibrio vulnificus
2	d2reta1	 Alignment		99.7	18	Fold: Pili subunits Superfamily: Pili subunits Family: GSPil I/J protein-like
3	d3ci0i1	 Alignment		99.6	21	Fold: Pili subunits Superfamily: Pili subunits Family: GSPil I/J protein-like
4	c3sokB_	 Alignment		98.1	14	PDB header: cell adhesion Chain: B: PDB Molecule: fimbrial protein; PDBTitle: dichelobacter nodosus pilin fima
5	d1oqwa_	 Alignment		98.1	12	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
6	d2pila_	 Alignment		97.5	15	Fold: Pili subunits Superfamily: Pili subunits Family: Pilin
7	c4a18U_	 Alignment		24.9	45	PDB header: ribosome Chain: U: PDB Molecule: rpl13; PDBTitle: t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rrna and proteins of molecule 1
8	c3u5eL_	 Alignment		23.5	55	PDB header: ribosome Chain: L: PDB Molecule: 60s ribosomal protein l13-a; PDBTitle: the structure of the eukaryotic ribosome at 3.0 resolution
9	c2wsfG_	 Alignment		20.6	33	PDB header: photosynthesis Chain: G: PDB Molecule: photosystem i reaction center subunit v, PDBTitle: improved model of plant photosystem i
10	c3lw5K_	 Alignment		16.6	33	PDB header: photosynthesis Chain: K: PDB Molecule: photosystem i reaction center subunit x psak; PDBTitle: improved model of plant photosystem i
11	c2o01G_	 Alignment		13.5	38	PDB header: photosynthesis Chain: G: PDB Molecule: photosystem i reaction center subunit v, PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution

12	c2wscK_	Alignment		11.6	33	PDB header: photosynthesis Chain: K: PDB Molecule: photosystem i reaction center subunit psak, PDBTitle: improved model of plant photosystem i
13	d2axth1	Alignment		10.0	14	Fold: Single transmembrane helix Superfamily: Photosystem II 10 kDa phosphoprotein PsbH Family: PsbH-like
14	c2k3pA_	Alignment		7.5	56	PDB header: structural protein Chain: A: PDB Molecule: tusp1; PDBTitle: solution structure of the c-terminal domain (tusp1-c) of the2 egg case silk from nephila antipodiana
15	d2bo9b1	Alignment		7.3	15	Fold: Cystatin-like Superfamily: Cystatin/monellin Family: Latexin-like
16	c1p58F_	Alignment		7.2	21	PDB header: virus Chain: F: PDB Molecule: envelope protein m; PDBTitle: complex organization of dengue virus membrane proteins as revealed by2 9.5 angstrom cryo-em reconstruction
17	c2ko6A_	Alignment		6.9	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein yihd; PDBTitle: solution structure of protein sf3929 from shigella flexneri2 2a. northeast structural genomics consortium target3 sfr81/ontario center for structural proteomics target4 sf3929

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[c2kb1A](#)

Alignment



6.4

9

PDB header:membrane protein
Chain: A: **PDB Molecule:**wsk3;
PDBTitle: nmr studies of a channel protein without membrane:2 structure and dynamics of water-solubilized kcsa