

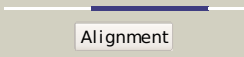

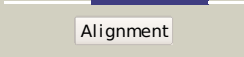

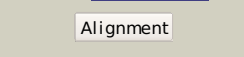

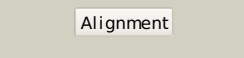

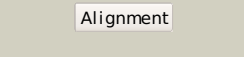

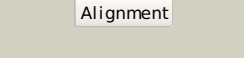

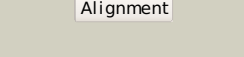



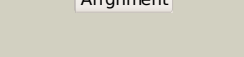

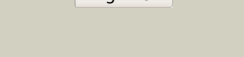



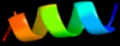

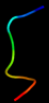




Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	A5A621
Date	Wed Jan 25 15:20:03 GMT 2012
Unique Job ID	b5c8f2fc0f749fc8

Detailed template information

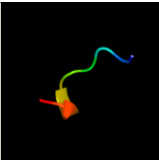
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2d58A_	 Alignment		9.9	42	PDB header: metal binding protein Chain: A; PDB Molecule: allograft inflammatory factor 1; PDBTitle: human microglia-specific protein iba1
2	d2pq3a1	 Alignment		8.7	33	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
3	d1wrka1	 Alignment		8.5	25	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
4	c2g2bA_	 Alignment		8.1	42	PDB header: immune system Chain: A; PDB Molecule: allograft inflammatory factor 1; PDBTitle: nmr structure of the human allograft inflammatory factor 1
5	c1zc1A_	 Alignment		7.6	29	PDB header: protein turnover Chain: A; PDB Molecule: ubiquitin fusion degradation protein 1; PDBTitle: ufd1 exhibits the aaa-atpase fold with two distinct2 ubiquitin interaction sites
6	c2vtgA_	 Alignment		7.3	42	PDB header: metal-binding protein Chain: A; PDB Molecule: ionized calcium-binding adapter molecule 2; PDBTitle: crystal structure of human iba2, trigonal crystal form
7	d1rh1a2	 Alignment		6.6	33	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
8	d1cola_	 Alignment		6.5	44	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
9	c2i88A_	 Alignment		6.3	33	PDB header: membrane protein Chain: A; PDB Molecule: colicin-e1; PDBTitle: crystal structure of the channel-forming domain of colicin2 e1
10	c2khfA_	 Alignment		5.9	67	PDB header: antimicrobial protein Chain: A; PDB Molecule: plnj; PDBTitle: plantaricin j in dpc-micelles
11	c1nwdB_	 Alignment		5.7	67	PDB header: binding protein/hydrolase Chain: B; PDB Molecule: glutamate decarboxylase; PDBTitle: solution structure of ca2+/calmodulin bound to the c-2 terminal domain of petunia glutamate decarboxylase

12	c1nwdC_	Alignment		5.7	67	PDB header: binding protein/hydrolase Chain: C: PDB Molecule: glutamate decarboxylase; PDBTitle: solution structure of ca2+/calmodulin bound to the c-2 terminal domain of petunia glutamate decarboxylase
13	c2ktgA_	Alignment		5.7	25	PDB header: ca-binding protein Chain: A: PDB Molecule: calmodulin, putative; PDBTitle: calmodulin like protein from entamoeba histolytica: solution structure2 and calcium binding properties of a partially folded protein
14	d1avsa_	Alignment		5.6	23	Fold: EF Hand-like Superfamily: EF-hand Family: Calmodulin-like
15	c2k5cA_	Alignment		5.4	56	PDB header: metal binding protein Chain: A: PDB Molecule: uncharacterized protein pf0385; PDBTitle: nmr structure for pf0385
16	c1a87A_	Alignment		5.3	33	PDB header: bacteriocin Chain: A: PDB Molecule: colicin n; PDBTitle: colicin n
17	d1a87a_	Alignment		5.3	33	Fold: Toxins' membrane translocation domains Superfamily: Colicin Family: Colicin
18	c2yuiA_	Alignment		5.2	36	PDB header: protein binding Chain: A: PDB Molecule: ubiquitin fusion degradation 1-like; PDBTitle: solution structure of human ubiquitin fusion degradation2 protein 1 homolog ufd1

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[d1ciia1](#)

Alignment



5.2

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Fold:Toxins' membrane translocation domains
Superfamily:Colicin
Family:Colicin