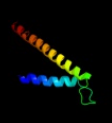
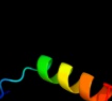
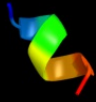


Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	O74700
Date	Mon Jul 2 19:10:23 BST 2012
Unique Job ID	a02a9339a9a2848c

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3dxrA_	 Alignment		99.9	100	PDB header: protein transport Chain: A: PDB Molecule: mitochondrial import inner membrane translocase PDBTitle: crystal structure of the yeast inter-membrane space2 chaperone assembly tim9.10
2	c2bskD_	 Alignment		99.9	22	PDB header: protein transport Chain: D: PDB Molecule: mitochondrial import inner membrane translocase PDBTitle: crystal structure of the tim9 tim10 hexameric complex
3	d2bska1	 Alignment		99.9	41	Fold: Tim10-like Superfamily: Tim10-like Family: Tim10/DDP
4	c3dxrB_	 Alignment		99.9	21	PDB header: protein transport Chain: B: PDB Molecule: mitochondrial import inner membrane translocase PDBTitle: crystal structure of the yeast inter-membrane space2 chaperone assembly tim9.10
5	d2bskb1	 Alignment		99.9	23	Fold: Tim10-like Superfamily: Tim10-like Family: Tim10/DDP
6	c3cjhL_	 Alignment		99.8	24	PDB header: protein transport Chain: J: PDB Molecule: mitochondrial import inner membrane translocase subunit PDBTitle: tim8-tim13 complex
7	c3cjhK_	 Alignment		99.6	19	PDB header: protein transport Chain: K: PDB Molecule: mitochondrial import inner membrane translocase subunit PDBTitle: tim8-tim13 complex
8	c1terA_	 Alignment		19.2	33	PDB header: toxin Chain: A: PDB Molecule: tertiapin; PDBTitle: solution structure of terciapin determined using nuclear2 magnetic resonance and distance geometry
9	c2axkA_	 Alignment		16.9	14	PDB header: toxin Chain: A: PDB Molecule: discrepin; PDBTitle: solution structure of discrepin, a scorpion venom toxin2 blocking k+ channels.
10	c2p4fA_	 Alignment		13.1	10	PDB header: chaperone Chain: A: PDB Molecule: similar to sp p32453 saccharomyces cerevisiae ynl315c
11	c1xg2B_	 Alignment		10.8	20	PDB header: hydrolase/hydrolase inhibitor Chain: B: PDB Molecule: pectinesterase inhibitor; PDBTitle: crystal structure of the complex between pectin2 methylsterase and its inhibitor protein

12	d1pvza_	Alignment		9.9	17	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Scorpion toxin-like Family: Short-chain scorpion toxins
13	c2plxB_	Alignment		8.4	29	PDB header: hydrolase Chain: B: PDB Molecule: peptide inhibitor; PDBTitle: trypsin complexed to a synthetic peptide from veronica hederifolia
14	c2cmyB_	Alignment		7.1	25	PDB header: hydrolase Chain: B: PDB Molecule: veronica hederifolia trypsin inhibitor; PDBTitle: crystal complex between bovine trypsin and veronica2 hederifolia trypsin inhibitor
15	d2cmyb1	Alignment		7.1	25	Fold: Toxic hairpin Superfamily: VhTI-like Family: VhTI-like
16	c2k42B_	Alignment		6.2	14	PDB header: signaling protein Chain: B: PDB Molecule: espfu; PDBTitle: solution structure of the gtpase binding domain of wasp in2 complex with espfu, an ehcc effector
17	d1l0lh_	Alignment		6.1	13	Fold: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Superfamily: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Family: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
18	d1ppjh_	Alignment		5.9	13	Fold: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Superfamily: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Family: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
19	c3ab6A_	Alignment		5.4	20	PDB header: hydrolase Chain: A: PDB Molecule: lysozyme; PDBTitle: crystal structure of nag3 bound lysozyme from meretrix lusoria
20	d3cx5f1	Alignment		5.2	0	Fold: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Superfamily: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase) Family: Non-heme 11 kDa protein of cytochrome bc1 complex (Ubiquinol-cytochrome c reductase)
21	c3cx5F_	Alignment	not modelled	5.2	0	PDB header: oxidoreductase Chain: F: PDB Molecule: cytochrome b-c1 complex subunit 6; PDBTitle: structure of complex iii with bound cytochrome c in reduced2 state and definition of a minimal core interface for3 electron transfer.