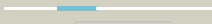
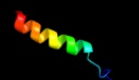
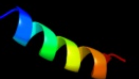
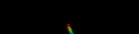
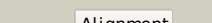
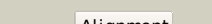
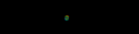
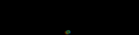


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P42905
Date	Thu Jan 5 12:02:03 GMT 2012
Unique Job ID	c591fe188e2608fc

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1ciiA_	 Alignment		40.2	16	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
2	c2I35B_	 Alignment		37.0	39	PDB header: protein binding Chain: B: PDB Molecule: tyro protein tyrosine kinase-binding protein; PDBTitle: structure of the dap12-nkg2c transmembrane heterotrimer
3	c2I34B_	 Alignment		30.9	39	PDB header: protein binding Chain: B: PDB Molecule: tyro protein tyrosine kinase-binding protein; PDBTitle: structure of the dap12 transmembrane homodimer
4	c2I34A_	 Alignment		28.3	47	PDB header: protein binding Chain: A: PDB Molecule: tyro protein tyrosine kinase-binding protein; PDBTitle: structure of the dap12 transmembrane homodimer
5	c2I35A_	 Alignment		13.0	47	PDB header: protein binding Chain: A: PDB Molecule: dap12-nkg2c_tm; PDBTitle: structure of the dap12-nkg2c transmembrane heterotrimer
6	c3a0bx_	 Alignment		8.3	30	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
7	c3a0hx_	 Alignment		8.3	30	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
8	c3a0bX_	 Alignment		8.3	30	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of br-substituted photosystem ii complex
9	c3a0hx_	 Alignment		8.3	30	PDB header: electron transport Chain: X: PDB Molecule: photosystem ii reaction center protein x; PDBTitle: crystal structure of i-substituted photosystem ii complex
10	c1s5lx_	 Alignment		7.1	30	PDB header: photosynthesis Chain: X: PDB Molecule: photosystem ii psbx protein; PDBTitle: architecture of the photosynthetic oxygen evolving center
11	c3fseB_	 Alignment		6.1	75	PDB header: hydrolase Chain: B: PDB Molecule: two-domain protein containing dj-1/thij/pfpi-like and PDBTitle: crystal structure of a two-domain protein containing dj-1/thij/pfpi-2 like and ferritin-like domains (ava_4496) from anabaena variabilis3 atcc 29413 at 1.90 a resolution

12 [dlr7ma1](#)

Alignment



5.9

36

Fold:Homing endonuclease-like
Superfamily:Homing endonucleases
Family:Group I mobile intron endonuclease