

Phyre2

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Description	C6Y4A2
Date	Sun Jul 8 11:45:04 BST 2012
Unique Job ID	91e5152cf7bdb90c

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2vofB_	 Alignment		13.6	55	PDB header: apoptosis Chain: B: PDB Molecule: bcl-2-binding component 3; PDBTitle: structure of mouse a1 bound to the puma bh3-domain
2	c2rocB_	 Alignment		12.5	55	PDB header: apoptosis Chain: B: PDB Molecule: bcl-2-binding component 3; PDBTitle: solution structure of mcl-1 complexed with puma
3	c2cwoD_	 Alignment		10.4	60	PDB header: rna binding protein Chain: D: PDB Molecule: rna silencing suppressor; PDBTitle: crystal structure of rna silencing suppressor p21 from beet yellows2 virus
4	c3mmiB_	 Alignment		8.7	25	PDB header: motor protein Chain: B: PDB Molecule: myosin-4; PDBTitle: crystal structure of the globular tail of myo4p
5	d1qzma_	 Alignment		7.9	33	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Extended AAA-ATPase domain
6	d1h5oa_	 Alignment		6.9	100	Fold: Defensin-like Superfamily: Defensin-like Family: Myotoxin
7	c1x37A_	 Alignment		6.8	33	PDB header: hydrolase Chain: A: PDB Molecule: atp-dependent protease la 1; PDBTitle: structure of bacillus subtilis lon protease ssd domain
8	c4acoA_	 Alignment		6.5	36	PDB header: dna binding protein Chain: A: PDB Molecule: centromere dna-binding protein complex cbf3 subunit a; PDBTitle: structure of the budding yeast ndc10 n-terminal domain
9	c3o7vX_	 Alignment		6.4	29	PDB header: rna binding protein/rna Chain: X: PDB Molecule: piwi-like protein 1; PDBTitle: crystal structure of human hiwi1 (v361m) paz domain (residues 277-399)2 in complex with 14-mer rna (12-bp + 2-nt overhang) containing 2'-och33 at its 3'-end
10	c3ktmB_	 Alignment		6.2	41	PDB header: cell adhesion, signaling protein Chain: B: PDB Molecule: amyloid beta a4 protein; PDBTitle: structure of the heparin-induced e1-dimer of the amyloid precursor2 protein (app)
11	c2f6hX_	 Alignment		6.1	38	PDB header: structural protein Chain: X: PDB Molecule: myosin-2; PDBTitle: myosin v cargo binding domain

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[c2vofD_](#)

Alignment



5.4

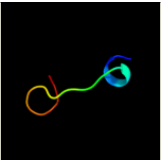
56

PDB header:apoptosis
Chain: D: **PDB Molecule:**bcl-2-binding component 3;
PDBTitle: structure of mouse a1 bound to the puma bh3-domain

13

[c3sqiA](#)

Alignment



5.2

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PDB header: dna binding protein/dna
Chain: A: **PDB Molecule:** klla0e03807p;
PDBTitle: dna binding domain of ndc10