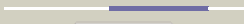


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	Q6BF25
Date	Thu Jan 5 12:37:32 GMT 2012
Unique Job ID	ee1321eabe94d326

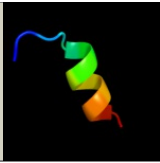
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1emzA_	 Alignment		14.3	62	PDB header: viral protein Chain: A: PDB Molecule: envelope glycoprotein e1; PDBTitle: solution structure of fragment (350-370) of the2 transmembrane domain of hepatitis c envelope glycoprotein3 e1
2	c2hg5D_	 Alignment		13.1	22	PDB header: membrane protein Chain: D: PDB Molecule: kcsa channel; PDBTitle: cs+ complex of a k channel with an amide to ester substitution in the2 selectivity filter
3	d2foka2	 Alignment		7.1	60	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Restriction endonuclease FokI, N-terminal (recognition) domain
4	c3qfhE_	 Alignment		7.1	50	PDB header: hydrolase Chain: E: PDB Molecule: epidermin leader peptide processing serine protease epip; PDBTitle: 2.05 angstrom resolution crystal structure of epidermin leader peptide2 processing serine protease (epip) from staphylococcus aureus.
5	c1kveA_	 Alignment		6.9	47	PDB header: toxin Chain: A: PDB Molecule: smk toxin; PDBTitle: killer toxin from halotolerant yeast
6	c3a9fA_	 Alignment		6.7	36	PDB header: electron transport Chain: A: PDB Molecule: cytochrome c; PDBTitle: crystal structure of the c-terminal domain of cytochrome cz2 from chlorobium tepidum
7	c2b6nA_	 Alignment		6.4	36	PDB header: hydrolase Chain: A: PDB Molecule: proteinase k; PDBTitle: the 1.8 a crystal structure of a proteinase k like enzyme from a2 psychrotroph serratia species

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[d2b0la1](#)

Alignment



6.3

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Fold: DNA/RNA-binding 3-helical bundle
Superfamily: "Winged helix" DNA-binding domain
Family: CodY HTH domain