

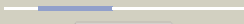

















Phyre2

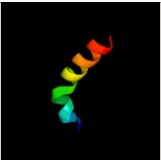
Email	I.a.kelley@imperial.ac.uk
Description	P52128
Date	Thu Jan 5 12:05:33 GMT 2012
Unique Job ID	2294ee66cf580053

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2juza1	 Alignment		22.5	14	Fold: YejL-like Superfamily: YejL-like Family: YejL-like
2	c2qgpA	 Alignment		20.4	13	PDB header: hydrolase Chain: A: PDB Molecule: hnh endonuclease; PDBTitle: x-ray structure of the nhn endonuclease from geobacter2 metallireducens. northeast structural genomics consortium3 target gmr87.
3	c2rhfa	 Alignment		20.0	25	PDB header: hydrolase Chain: A: PDB Molecule: dna helicase recq; PDBTitle: d. radiodurans recq hrhc domain 3
4	c2rrdA	 Alignment		18.2	21	PDB header: dna binding protein Chain: A: PDB Molecule: hrhc domain from bloom syndrome protein; PDBTitle: structure of hrhc domain from human bloom syndrome protein, blm
5	d1rqpa1	 Alignment		17.8	50	Fold: Bacterial fluorinating enzyme, C-terminal domain Superfamily: Bacterial fluorinating enzyme, C-terminal domain Family: Bacterial fluorinating enzyme, C-terminal domain
6	d2juwa1	 Alignment		15.7	22	Fold: YejL-like Superfamily: YejL-like Family: YejL-like
7	d2jrxa1	 Alignment		15.3	18	Fold: YejL-like Superfamily: YejL-like Family: YejL-like
8	d2jpqa1	 Alignment		15.1	13	Fold: YejL-like Superfamily: YejL-like Family: YejL-like
9	c3khza	 Alignment		7.5	18	PDB header: hydrolase Chain: A: PDB Molecule: putative dipeptidase sacol1801; PDBTitle: crystal structure of r350a mutant of staphylococcus aureus2 metallopeptidase (sapep/dape) in the apo-form

10 [dlwuda1](#)

Alignment



7.4

25

Fold:SAM domain-like
Superfamily:HRDC-like
Family:HRDC domain from helicases