
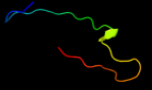



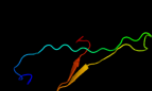





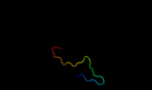





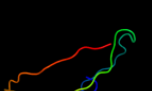

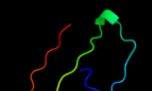


Phyre2

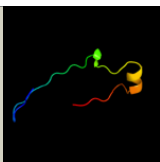
Email	l.a.kelley@imperial.ac.uk
Description	Q9JMS2
Date	Thu Jan 5 12:37:57 GMT 2012
Unique Job ID	9f6761a5ca6c5431

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlstdb1	 Alignment		28.4	21	Fold: Cupredoxin-like Superfamily: Cupredoxins Family: Multidomain cupredoxins
2	c1tvta_	 Alignment		17.7	80	PDB header: transcription regulation Chain: A: PDB Molecule: transactivator protein; PDBTitle: structure of the equine infectious anemia virus tat protein
3	dlmkfa_	 Alignment		17.1	22	Fold: Viral chemokine binding protein m3 Superfamily: Viral chemokine binding protein m3 Family: Viral chemokine binding protein m3
4	dlkqha_	 Alignment		16.5	75	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins
5	c3nswA_	 Alignment		9.0	45	PDB header: immune system Chain: A: PDB Molecule: excretory-secretory protein 2; PDBTitle: crystal structure of ancylostoma ceylanicum excretory-secretory2 protein 2
6	c2r7ta_	 Alignment		8.6	48	PDB header: transferase/rna Chain: A: PDB Molecule: rna-dependent rna polymerase; PDBTitle: crystal structure of rotavirus sa11 vp1/rna (ugugaacc)2 complex
7	c1jmuE_	 Alignment		5.6	63	PDB header: viral protein Chain: E: PDB Molecule: protein mu-1; PDBTitle: crystal structure of the reovirus mu1/sigma3 complex
8	c2i1ta_	 Alignment		5.5	55	PDB header: toxin Chain: A: PDB Molecule: jingzhaotoxin-3; PDBTitle: solution structure of jingzhaotoxin-iii, a novel toxin2 inhibiting both nav and kv channels
9	c1yewl_	 Alignment		5.4	33	PDB header: oxidoreductase, membrane protein Chain: I: PDB Molecule: particulate methane monooxygenase, b subunit; PDBTitle: crystal structure of particulate methane monooxygenase
10	c3rgbA_	 Alignment		5.4	33	PDB header: oxidoreductase Chain: A: PDB Molecule: methane monooxygenase subunit b2; PDBTitle: crystal structure of particulate methane monooxygenase from2 methyllococcus capsulatus (bath)

11 [c1kcwA](#)

Alignment



5.3

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PDB header: oxidoreductase
Chain: A: **PDB Molecule:** ceruloplasmin;
PDB Title: x-ray crystal structure of human ceruloplasmin at 3.0 angstroms