


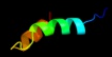



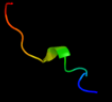








# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P64435
Date	Thu Jan 5 12:08:19 GMT 2012
Unique Job ID	52fcb47a2bdaaa63

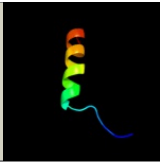
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2isya2</a>	 Alignment		10.9	32	<b>Fold:</b> Iron-dependent repressor protein, dimerization domain <b>Superfamily:</b> Iron-dependent repressor protein, dimerization domain <b>Family:</b> Iron-dependent repressor protein, dimerization domain
2	<a href="#">d2ha9a1</a>	 Alignment		7.7	23	<b>Fold:</b> PFL-like glycyl radical enzymes <b>Superfamily:</b> PFL-like glycyl radical enzymes <b>Family:</b> SP0239-like
3	<a href="#">d1h3ga1</a>	 Alignment		7.3	12	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> E-set domains of sugar-utilizing enzymes
4	<a href="#">c2p87A_</a>	 Alignment		7.2	14	<b>PDB header:</b> splicing <b>Chain:</b> A: <b>PDB Molecule:</b> pre-mrna-splicing factor prp8; <b>PDBTitle:</b> crystal structure of the c-terminal domain of c. elegans2 pre-mrna splicing factor prp8
5	<a href="#">d1xb4a1</a>	 Alignment		6.5	16	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Vacuolar sorting protein domain
6	<a href="#">d1iowa1</a>	 Alignment		5.6	39	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> D-Alanine ligase N-terminal domain
7	<a href="#">c3gpqA_</a>	 Alignment		5.2	35	<b>PDB header:</b> viral protein/rna <b>Chain:</b> A: <b>PDB Molecule:</b> non-structural protein 3; <b>PDBTitle:</b> crystal structure of macro domain of chikungunya virus in complex with2 rna

8

[c3cuqD\\_](#)

Alignment



5.2

23

**PDB header:**protein transport

**Chain:** D: **PDB Molecule:**vacuolar protein-sorting-associated protein 25;

**PDBTitle:** integrated structural and functional model of the human escrt-ii2 complex