













Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0AE74
Date	Thu Jan 5 11:22:42 GMT 2012
Unique Job ID	119e847f2bcc5073

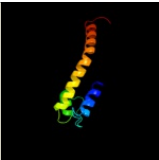
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1y5ic1	 Alignment		48.6	10	Fold: Heme-binding four-helical bundle Superfamily: Respiratory nitrate reductase 1 gamma chain Family: Respiratory nitrate reductase 1 gamma chain
2	c1w8xP_	 Alignment		38.8	14	PDB header: virus Chain: P: PDB Molecule: protein p16; PDBTitle: structural analysis of prd1
3	c3d9sB_	 Alignment		10.0	14	PDB header: membrane protein Chain: B: PDB Molecule: aquaporin-5; PDBTitle: human aquaporin 5 (aqp5) - high resolution x-ray structure
4	c1ymgA_	 Alignment		9.2	19	PDB header: membrane protein Chain: A: PDB Molecule: lens fiber major intrinsic protein; PDBTitle: the channel architecture of aquaporin o at 2.2 angstrom resolution
5	d1ymga1	 Alignment		9.2	19	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
6	c2kncA_	 Alignment		6.1	17	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiib; PDBTitle: platelet integrin alfaiib-beta3 transmembrane-cytoplasmic2 heterocomplex

7

[c3qngD_](#)

Alignment



5.5

14

PDB header:membrane protein, transport protein
Chain: D: **PDB Molecule:**pts system, cellobiose-specific iic component;
PDBTitle: crystal structure of the transporter chbc, the iic component from the2 n,n'-diacetylchitobiose-specific phosphotransferase system