

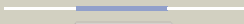




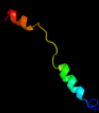






# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P31801
Date	Thu Jan 5 11:48:41 GMT 2012
Unique Job ID	d2c89197e23b7a78

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">dlxrda1</a>	 Alignment		55.8	32	<b>Fold:</b> Light-harvesting complex subunits <b>Superfamily:</b> Light-harvesting complex subunits <b>Family:</b> Light-harvesting complex subunits
2	<a href="#">c3rkoM_</a>	 Alignment		24.2	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> M: <b>PDB Molecule:</b> nadh-quinone oxidoreductase subunit m; <b>PDBTitle:</b> crystal structure of the membrane domain of respiratory complex i from2 e. coli at 3.0 angstrom resolution
3	<a href="#">d2oara1</a>	 Alignment		23.3	22	<b>Fold:</b> Gated mechanosensitive channel <b>Superfamily:</b> Gated mechanosensitive channel <b>Family:</b> Gated mechanosensitive channel
4	<a href="#">c2oarA_</a>	 Alignment		15.9	18	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> large-conductance mechanosensitive channel; <b>PDBTitle:</b> mechanosensitive channel of large conductance (mscl)
5	<a href="#">c3mk7F_</a>	 Alignment		12.2	6	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit p; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase
6	<a href="#">d1twfc2</a>	 Alignment		7.8	63	<b>Fold:</b> Insert subdomain of RNA polymerase alpha subunit <b>Superfamily:</b> Insert subdomain of RNA polymerase alpha subunit <b>Family:</b> Insert subdomain of RNA polymerase alpha subunit

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[dlwglgla\\_](#)

Alignment



6.3

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**Fold:**RuvA C-terminal domain-like  
**Superfamily:**UBA-like  
**Family:**CUE domain