




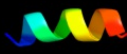






# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P64646
Date	Thu Jan 5 12:10:07 GMT 2012
Unique Job ID	fc70f19b30898ca7

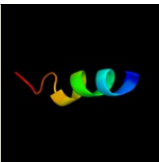
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2p7tc1</a>	 Alignment		23.5	25	<b>Fold:</b> Voltage-gated potassium channels <b>Superfamily:</b> Voltage-gated potassium channels <b>Family:</b> Voltage-gated potassium channels
2	<a href="#">d1kzfa_</a>	 Alignment		14.6	75	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> Autoinducer synthetase
3	<a href="#">c1iflA_</a>	 Alignment		13.3	38	<b>PDB header:</b> virus <b>Chain:</b> A: <b>PDB Molecule:</b> inovirus; <b>PDBTitle:</b> molecular models and structural comparisons of native and2 mutant class i filamentous bacteriophages ff (fd, f1, m13),3 if1 and ike
4	<a href="#">d1v54k_</a>	 Alignment		11.9	45	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Mitochondrial cytochrome c oxidase subunit VIIb <b>Family:</b> Mitochondrial cytochrome c oxidase subunit VIIb
5	<a href="#">c2y69X_</a>	 Alignment		11.9	45	<b>PDB header:</b> electron transport <b>Chain:</b> X: <b>PDB Molecule:</b> cytochrome c oxidase polypeptide 7b; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular2 oxygen

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[dltubb1](#)

Alignment



6.7

35

**Fold:**Tubulin nucleotide-binding domain-like  
**Superfamily:**Tubulin nucleotide-binding domain-like  
**Family:**Tubulin, GTPase domain