



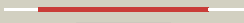
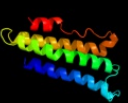



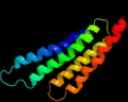



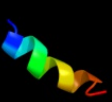






# Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P64515
Date	Thu Jan 5 12:09:04 GMT 2012
Unique Job ID	06ac70e40a70b2ae

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2pnoL_</a>	 Alignment		100.0	25	<b>PDB header:</b> lyase <b>Chain:</b> L: <b>PDB Molecule:</b> leukotriene c4 synthase; <b>PDBTitle:</b> crystal structure of human leukotriene c4 synthase
2	<a href="#">d2uuia1</a>	 Alignment		100.0	25	<b>Fold:</b> MAPEG domain-like <b>Superfamily:</b> MAPEG domain-like <b>Family:</b> MAPEG domain
3	<a href="#">d2q7ra1</a>	 Alignment		100.0	13	<b>Fold:</b> MAPEG domain-like <b>Superfamily:</b> MAPEG domain-like <b>Family:</b> MAPEG domain
4	<a href="#">d2h8aa1</a>	 Alignment		100.0	18	<b>Fold:</b> MAPEG domain-like <b>Superfamily:</b> MAPEG domain-like <b>Family:</b> MAPEG domain
5	<a href="#">c3dwwA_</a>	 Alignment		100.0	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> prostaglandin e synthase; <b>PDBTitle:</b> electron crystallographic structure of human microsomal2 prostaglandin e synthase 1
6	<a href="#">c2kncA_</a>	 Alignment		11.4	13	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiB; <b>PDBTitle:</b> platelet integrin alphaIIb-beta3 transmembrane-cytoplasmic2 heterocomplex
7	<a href="#">c1znfA_</a>	 Alignment		6.5	36	<b>PDB header:</b> zinc finger dna binding domain <b>Chain:</b> A: <b>PDB Molecule:</b> 31st zinc finger from xfin; <b>PDBTitle:</b> three-dimensional solution structure of a single zinc2 finger dna-binding domain
8	<a href="#">d1znfa_</a>	 Alignment		6.5	36	<b>Fold:</b> beta-beta-alpha zinc fingers <b>Superfamily:</b> beta-beta-alpha zinc fingers <b>Family:</b> Classic zinc finger, C2H2
9	<a href="#">c3pmdA_</a>	 Alignment		6.2	28	<b>PDB header:</b> lipid binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> conserved domain protein; <b>PDBTitle:</b> crystal structure of the sporulation inhibitor pxo1-118 from bacillus2 anthracis

10 [c1ykuB\\_](#)

Alignment



6.0

22

**PDB header:** unknown function  
**Chain:** B: **PDB Molecule:** hypothetical protein pxo2-61;  
**PDBTitle:** crystal structure of a sensor domain homolog