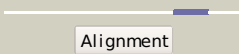

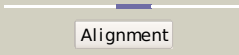

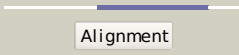

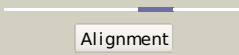
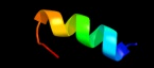
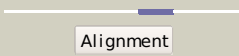

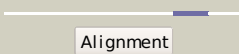

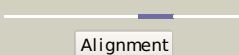

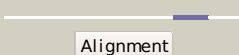





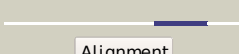



Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	C6Y4A4
Date	Sun Jul 8 11:45:05 BST 2012
Unique Job ID	0cafb4733d507466

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3fqgA_	 Alignment		17.6	23	PDB header: protein binding Chain: A: PDB Molecule: protein din1; PDBTitle: crystal structure of the s. pombe rai1
2	c1z65A_	 Alignment		16.8	29	PDB header: unknown function Chain: A: PDB Molecule: prion-like protein doppel; PDBTitle: mouse doppel 1-30 peptide
3	d1oede_	 Alignment		16.2	12	Fold: Neurotransmitter-gated ion-channel transmembrane pore Superfamily: Neurotransmitter-gated ion-channel transmembrane pore Family: Neurotransmitter-gated ion-channel transmembrane pore
4	c1sdbB_	 Alignment		16.2	36	PDB header: hormone Chain: B: PDB Molecule: desb1-2 despentapeptide (b26-b30) insulin; PDBTitle: porcine desb1-2 despentapeptide(b26-b30) insulin
5	c1deiB_	 Alignment		15.9	36	PDB header: hormone Chain: B: PDB Molecule: insulin; PDBTitle: desheptapeptide (b24-b30) insulin
6	d2axti1	 Alignment		14.2	31	Fold: Single transmembrane helix Superfamily: Photosystem II reaction center protein I, Psbl Family: Psbl-like
7	c1hisB_	 Alignment		13.6	36	PDB header: hormone Chain: B: PDB Molecule: insulin; PDBTitle: structure and dynamics of des-pentapeptide-insulin in2 solution: the molten-globule hypothesis.
8	c3fqjA_	 Alignment		13.3	38	PDB header: protein binding Chain: A: PDB Molecule: protein dom3z; PDBTitle: crystal structure of the mouse dom3z
9	c2rn5B_	 Alignment		10.7	36	PDB header: hormone Chain: B: PDB Molecule: insulin; PDBTitle: humal insulin mutant b31lys-b32arg
10	c3pcqM_	 Alignment		10.2	28	PDB header: photosynthesis Chain: M: PDB Molecule: photosystem i reaction center subunit xii; PDBTitle: femtosecond x-ray protein nanocrystallography
11	d3cx5e2	 Alignment		8.6	32	Fold: Single transmembrane helix Superfamily: ISP transmembrane anchor Family: ISP transmembrane anchor

12 [d1kzyc2](#)

Alignment



7.7

33

Fold:BRCT domain
Superfamily:BRCT domain
Family:53BP1