


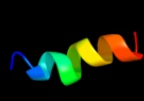









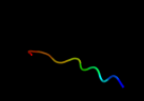







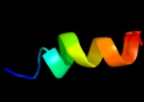


Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	P76227
Date	Thu Jan 5 12:20:53 GMT 2012
Unique Job ID	3633b1ccb8893e31

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2wy3B_	 Alignment		29.3	29	PDB header: immune system/viral protein Chain: B: PDB Molecule: uncharacterized protein ul16; PDBTitle: structure of the hcmv ul16-micb complex elucidates select2 binding of a viral immunoevasin to diverse nkg2d ligands
2	c2o01l_	 Alignment		29.2	41	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: the structure of a plant photosystem i supercomplex at 3.42 angstrom resolution
3	c2rkzD_	 Alignment		27.8	25	PDB header: cell adhesion Chain: D: PDB Molecule: fibronectin; PDBTitle: crystal structure of the second and third fibronectin f12 modules in complex with a fragment of staphylococcus3 aureus fnbpa-1
4	dlzuea1	 Alignment		25.6	33	Fold: Defensin-like Superfamily: Defensin-like Family: Defensin
5	dlnpa_	 Alignment		21.1	14	Fold: gamma-Crystallin-like Superfamily: gamma-Crystallin-like Family: Crystallins/Ca-binding development proteins
6	dlwv3a2	 Alignment		19.4	43	Fold: SMAD/FHA domain Superfamily: SMAD/FHA domain Family: EssC N-terminal domain-like
7	d2foka4	 Alignment		17.7	30	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Restriction endonuclease FokI, C-terminal (catalytic) domain
8	dlu5ma_	 Alignment		16.5	39	Fold: Fnl-like domain Superfamily: Fnl-like domain Family: VWC domain
9	dlprsa2	 Alignment		14.5	9	Fold: gamma-Crystallin-like Superfamily: gamma-Crystallin-like Family: Crystallins/Ca-binding development proteins
10	c3lw5l_	 Alignment		13.8	41	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: improved model of plant photosystem i
11	c2wsel_	 Alignment		13.8	41	PDB header: photosynthesis Chain: I: PDB Molecule: photosystem i reaction center subunit viii; PDBTitle: improved model of plant photosystem i

12	c1wv3A_	Alignment		13.6	43	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: similar to dna segregation atpase and related PDBTitle: crystal structure of n-terminal domain of hypothetical2 protein sav0287 from staphylococcus aureus
13	c1hezD_	Alignment		10.1	29	PDB header: antibody Chain: D: PDB Molecule: heavy chain of ig; PDBTitle: antibody-antigen complex
14	c2vkyB_	Alignment		9.2	29	PDB header: viral protein Chain: B: PDB Molecule: tail protein, piigcn4; PDBTitle: headbinding domain of phage p22 tailspike c-terminally2 fused to isoleucine zipper piigcn4 (chimera i)
15	c3i9hB_	Alignment		8.3	26	PDB header: metal binding protein Chain: B: PDB Molecule: beta and gamma crystallin; PDBTitle: crystal structure of a betagamma-crystallin domain from2 clostridium beijerinckii
16	d3dvqb1	Alignment		7.5	23	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
17	c2ormA_	Alignment		7.3	33	PDB header: isomerase Chain: A: PDB Molecule: probable tautomerase hp0924; PDBTitle: crystal structure of the 4-oxalocrotonate tautomerase homologue dmpi2 from helicobacter pylori.
18	d1adqh1	Alignment		6.5	24	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)
19	d1ed7a_	Alignment		6.3	21	Fold: WW domain-like Superfamily: Carbohydrate binding domain Family: Carbohydrate binding domain
20	c2ko5A_	Alignment		5.9	11	PDB header: transcription Chain: A: PDB Molecule: ring finger protein z; PDBTitle: nmr solution structure of lfv-z
21	c1prra_	Alignment	not modelled	5.9	14	PDB header: binding protein Chain: A: PDB Molecule: development-specific protein s; PDBTitle: nmr-derived three-dimensional solution structure of protein2 s complexed with calcium
22	c2b5kA_	Alignment	not modelled	5.5	33	PDB header: antimicrobial protein Chain: A: PDB Molecule: polyphemusin-1; PDBTitle: pv5 nmr solution structure in dpc micelles
23	c1fokA_	Alignment	not modelled	5.4	30	PDB header: hydrolase/dna Chain: A: PDB Molecule: protein (foki restriction endonuclease); PDBTitle: structure of restriction endonuclease foki bound to dna
24	d1igfh1	Alignment	not modelled	5.4	27	Fold: Immunoglobulin-like beta-sandwich Superfamily: Immunoglobulin Family: V set domains (antibody variable domain-like)