

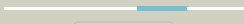



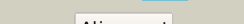

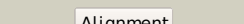

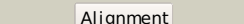
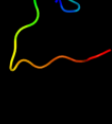
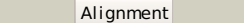

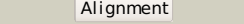
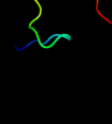
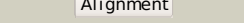

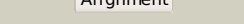
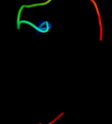
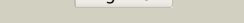


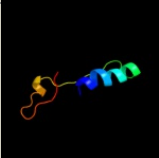




Phyre2

Email	I.a.kelley@imperial.ac.uk
Description	Q9JMS4
Date	Wed Jan 25 15:21:16 GMT 2012
Unique Job ID	4f463024f7bf1dcf

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1avwb_	 Alignment		37.6	40	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
2	d1eyla_	 Alignment		34.2	20	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
3	d3bx1c1	 Alignment		32.4	28	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
4	c3s8jB_	 Alignment		31.6	17	PDB header: hydrolase inhibitor Chain: B: PDB Molecule: latex serine proteinase inhibitor; PDBTitle: crystal structure of a papaya latex serine protease inhibitor (ppi) at2 2.6a resolution
5	c2qn4B_	 Alignment		27.4	23	PDB header: hydrolase inhibitor Chain: B: PDB Molecule: alpha-amylase/subtilisin inhibitor; PDBTitle: structure and function study of rice bifunctional alpha-2 amylase/subtilisin inhibitor from oryza sativa
6	c2dreA_	 Alignment		27.3	28	PDB header: plant protein Chain: A: PDB Molecule: water-soluble chlorophyll protein; PDBTitle: crystal structure of water-soluble chlorophyll protein from2 lepidium virginicum at 2.00 angstrom resolution
7	d1tiea_	 Alignment		26.6	17	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
8	d1wbaa_	 Alignment		25.7	30	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
9	d1r8na_	 Alignment		24.9	28	Fold: beta-Trefoil Superfamily: STI-like Family: Kunitz (STI) inhibitors
10	c3iirA_	 Alignment		23.9	15	PDB header: hydrolase inhibitor Chain: A: PDB Molecule: trypsin inhibitor; PDBTitle: crystal structure of miraculin like protein from seeds of murraya2 koenigii
11	c1r8oA_	 Alignment		14.1	22	PDB header: hydrolase inhibitor Chain: A: PDB Molecule: kunitz trypsin inhibitor; PDBTitle: crystal structure of an unusual kunitz-type trypsin inhibitor from2 copaifera langsdorffii seeds

12	c2go2A_	Alignment		13.5	22	PDB header: protein binding Chain: A: PDB Molecule: kunitz-type serine protease inhibitor bbki; PDBTitle: crystal structure of bbki, a kunitz-type kallikrein inhibitor
13	d1sdoa_	Alignment		10.6	31	Fold: Restriction endonuclease-like Superfamily: Restriction endonuclease-like Family: Restriction endonuclease Bstyl
14	c3rnvA_	Alignment		8.8	33	PDB header: hydrolase Chain: A: PDB Molecule: helper component proteinase; PDBTitle: structure of the autocatalytic cysteine protease domain of potyvirus2 helper-component proteinase
15	d1agga_	Alignment		7.0	100	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins

16 [d1e88a3](#)

Alignment



5.7

67

Fold:Fnl-like domain
Superfamily:Fnl-like domain
Family:Fibronectin type I module