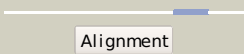

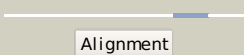

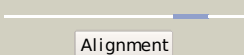
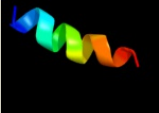


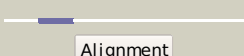

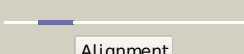

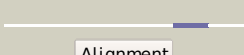

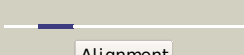





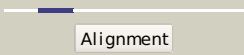












#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1xl3c1	 Alignment		25.7	31	Fold: Type III secretion system domain Superfamily: Type III secretion system domain Family: TyeA-like
2	d2e74g1	 Alignment		20.3	40	Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex
3	d1vf5g_	 Alignment		20.0	40	Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex
4	c1vf5G_	 Alignment		20.0	40	PDB header: photosynthesis Chain: G: PDB Molecule: protein pet g; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus
5	c2jv7A_	 Alignment		19.9	10	PDB header: metal binding protein Chain: A: PDB Molecule: calcium-binding protein; PDBTitle: nmr solution structure of histoplasma capsulatum cbp2 homodimer
6	c1srba_	 Alignment		12.1	29	PDB header: toxin Chain: A: PDB Molecule: sarafotoxins precursor; PDBTitle: conformational studies on srtb, a non-selective endothelin2 receptor agonist, and on irl 1620, an etb receptor3 specific agonist
7	d1ik7a_	 Alignment		12.0	26	Fold: DEATH domain Superfamily: DEATH domain Family: DEATH domain, DD
8	c2khsB_	 Alignment		9.4	25	PDB header: hydrolase Chain: B: PDB Molecule: nuclease; PDBTitle: solution structure of snase121:snase(111-143) complex
9	c1rkcb_	 Alignment		9.3	33	PDB header: cell adhesion, structural protein Chain: B: PDB Molecule: talin; PDBTitle: human vinculin head (1-258) in complex with talin's2 vinculin binding site 3 (residues 1944-1969)
10	c2kktA_	 Alignment		8.9	11	PDB header: transcription Chain: A: PDB Molecule: ataxin-7-like protein 3; PDBTitle: solution structure of the sca7 domain of human ataxin-7-13 protein
11	d1mla_	 Alignment		6.8	15	Fold: IHF-like DNA-binding proteins Superfamily: IHF-like DNA-binding proteins Family: Prokaryotic DNA-binding protein

12	c2xseA_	Alignment		6.7	8	PDB header: oxidoreductase Chain: A: PDB Molecule: thymine dioxygenase jbp1; PDBTitle: the structural basis for recognition of j-base containing2 dna by a novel dna-binding domain in jbp1
13	dlowfb_	Alignment		6.6	30	Fold: IHF-like DNA-binding proteins Superfamily: IHF-like DNA-binding proteins Family: Prokaryotic DNA-bending protein
14	d2o97b1	Alignment		6.6	30	Fold: IHF-like DNA-binding proteins Superfamily: IHF-like DNA-binding proteins Family: Prokaryotic DNA-bending protein
15	d1p71a_	Alignment		6.5	20	Fold: IHF-like DNA-binding proteins Superfamily: IHF-like DNA-binding proteins Family: Prokaryotic DNA-bending protein
16	c3kb4D_	Alignment		6.4	24	PDB header: structural genomics, unknown function Chain: D: PDB Molecule: alr8543 protein; PDBTitle: crystal structure of the alr8543 protein in complex with2 geranylgeranyl monophosphate and magnesium ion from nostoc sp. pcc3 7120, northeast structural genomics consortium target nsr141
17	c2ldfA_	Alignment		6.1	14	PDB header: toxin Chain: A: PDB Molecule: sarafotoxin-m; PDBTitle: solution structure of the long sarafotoxin srbx-m
18	c2koeA_	Alignment		5.9	23	PDB header: membrane protein, signaling protein Chain: A: PDB Molecule: human cannabinoid receptor 1 - helix 7/8 peptide; PDBTitle: human cannabinoid receptor 1 - helix 7/8 peptide
19	c3msqC_	Alignment		5.7	24	PDB header: biosynthetic protein Chain: C: PDB Molecule: putative ubiquinone biosynthesis protein; PDBTitle: crystal structure of a putative ubiquinone biosynthesis protein2 (npun02000094) from nostoc punctiforme pcc 73102 at 2.85 a resolution
20	c3s90D_	Alignment		5.3	18	PDB header: cell adhesion Chain: D: PDB Molecule: talín-1; PDBTitle: human vinculin head domain vh1 (residues 1-252) in complex with murine2 talin (vbs33; residues 1512-1546)
21	d1lexea_	Alignment	not modelled	5.2	27	Fold: IHF-like DNA-binding proteins Superfamily: IHF-like DNA-binding proteins Family: Prokaryotic DNA-bending protein
22	c2wy3B_	Alignment	not modelled	5.1	12	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
23	c2kkrA_	Alignment	not modelled	5.1	22	PDB header: transcription, protein binding Chain: A: PDB Molecule: ataxin-7; PDBTitle: solution structure of sca7 zinc finger domain from human ataxin-72 protein
24	c1unvA_	Alignment	not modelled	5.1	17	PDB header: four helix bundle Chain: A: PDB Molecule: general control protein gcn4; PDBTitle: structure based engineering of internal molecular surfaces2 of four helix bundles