
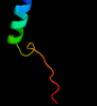

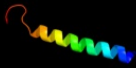

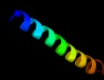





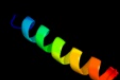



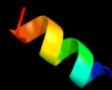



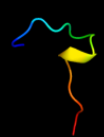

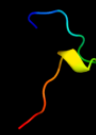
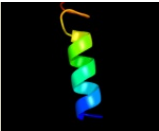

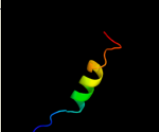
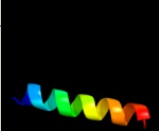



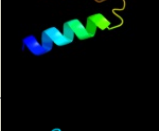



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3hefB_	 Alignment		39.5	11	PDB header: viral protein Chain: B: PDB Molecule: gene 1 protein; PDBTitle: crystal structure of the bacteriophage sf6 terminase small2 subunit
2	d1v54j_	 Alignment		25.2	23	Fold: Single transmembrane helix Superfamily: Mitochondrial cytochrome c oxidase subunit VIIa Family: Mitochondrial cytochrome c oxidase subunit VIIa
3	c2y69W_	 Alignment		21.7	22	PDB header: electron transport Chain: W: PDB Molecule: cytochrome c oxidase polypeptide 7a1; PDBTitle: bovine heart cytochrome c oxidase re-refined with molecular2 oxygen
4	d1ulva1	 Alignment		17.4	30	Fold: alpha/alpha toroid Superfamily: Six-hairpin glycosidases Family: Bacterial glucoamylase C-terminal domain-like
5	c2qtsA_	 Alignment		16.6	22	PDB header: membrane protein Chain: A: PDB Molecule: acid-sensing ion channel; PDBTitle: structure of an acid-sensing ion channel 1 at 1.9 a resolution and low2 ph
6	d1ijda_	 Alignment		15.2	26	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
7	d1nkza_	 Alignment		12.8	22	Fold: Light-harvesting complex subunits Superfamily: Light-harvesting complex subunits Family: Light-harvesting complex subunits
8	d1h2sb_	 Alignment		12.6	67	Fold: Transmembrane helix hairpin Superfamily: Htr2 transmembrane domain-like Family: Htr2 transmembrane domain-like
9	c1h2sB_	 Alignment		12.6	67	PDB header: membrane protein Chain: B: PDB Molecule: sensory rhodopsin ii transducer; PDBTitle: molecular basis of transmembrane signalling by sensory2 rhodopsin ii-transducer complex
10	d1s21a_	 Alignment		11.9	18	Fold: ADP-ribosylation Superfamily: ADP-ribosylation Family: AvrPphF ORF2, a type III effector
11	c1s21A_	 Alignment		11.9	18	PDB header: chaperone Chain: A: PDB Molecule: orf2; PDBTitle: crystal structure of avrpvhf orf2, a type iii effector from2 p. syringae

12	c2j5dA_	Alignment		11.5	37	PDB header: membrane protein Chain: A: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: nmr structure of bnip3 transmembrane domain in lipid2 bicelles
13	c2f95B_	Alignment		11.4	67	PDB header: membrane protein Chain: B: PDB Molecule: sensory rhodopsin ii transducer; PDBTitle: m intermediate structure of sensory rhodopsin ii/transducer complex in2 combination with the ground state structure
14	c3ij4A_	Alignment		10.7	22	PDB header: transport protein Chain: A: PDB Molecule: amiloride-sensitive cation channel 2, neuronal; PDBTitle: cesium sites in the crystal structure of a functional acid2 sensing ion channel in the desensitized state
15	c1q90L_	Alignment		10.4	15	PDB header: photosynthesis Chain: L: PDB Molecule: cytochrome b6f complex subunit petl; PDBTitle: structure of the cytochrome b6f (plastoquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
16	d1q90L_	Alignment		10.4	15	Fold: Single transmembrane helix Superfamily: PetL subunit of the cytochrome b6f complex Family: PetL subunit of the cytochrome b6f complex
17	c3dl8D_	Alignment		8.9	31	PDB header: protein transport Chain: D: PDB Molecule: sece; PDBTitle: structure of the complex of aquifex aeolicus secyeg and2 bacillus subtilis seca
18	c3epsB_	Alignment		8.9	21	PDB header: transferase, hydrolase Chain: B: PDB Molecule: isocitrate dehydrogenase kinase/phosphatase; PDBTitle: the crystal structure of isocitrate dehydrogenase kinase/phosphatase2 from e. coli
19	d1t3ta5	Alignment		7.5	19	Fold: Bacillus chorismate mutase-like Superfamily: PurM N-terminal domain-like Family: PurM N-terminal domain-like
20	d1cf7b_	Alignment		6.6	44	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Cell cycle transcription factor e2f-dp
21	c2jh9A_	Alignment	not modelled	6.3	44	PDB header: viral protein Chain: A: PDB Molecule: vp4 core protein; PDBTitle: the structure of bluetongue virus vp4 reveals a2 multifunctional rna-capping production-line
22	c2ve7A_	Alignment	not modelled	5.9	23	PDB header: cell cycle Chain: A: PDB Molecule: kinetochore protein hec1, kinetochore protein spc25; PDBTitle: crystal structure of a bonsai version of the human ndc802 complex
23	c1spfA_	Alignment	not modelled	5.8	50	PDB header: lipoprotein(surface film) Chain: A: PDB Molecule: pulmonary surfactant-associated polypeptide c; PDBTitle: the nmr structure of the pulmonary surfactant-associated2 polypeptide sp-c in an apolar solvent contains a valyl-3 rich alpha-helix
24	c2v0xB_	Alignment	not modelled	5.7	29	PDB header: cell cycle Chain: B: PDB Molecule: lamina-associated polypeptide 2 isoforms PDBTitle: the dimerization domain of lap2alpha