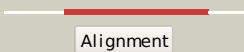

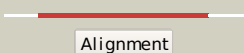

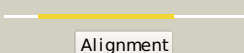

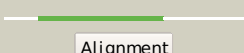

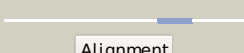
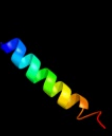
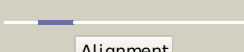

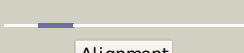

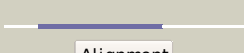








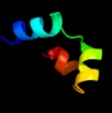



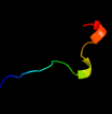


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2nq2A_	 Alignment		97.9	11	PDB header: metal transport Chain: A: PDB Molecule: hypothetical abc transporter permease protein PDBTitle: an inward-facing conformation of a putative metal-chelate2 type abc transporter.
2	d1l7va_	 Alignment		96.6	10	Fold: ABC transporter involved in vitamin B12 uptake, BtuC Superfamily: ABC transporter involved in vitamin B12 uptake, BtuC Family: ABC transporter involved in vitamin B12 uptake, BtuC
3	c2b2hA_	 Alignment		76.9	13	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter; PDBTitle: ammonium transporter amt-1 from a. fulgidus (as)
4	d1u7ga_	 Alignment		56.3	15	Fold: Ammonium transporter Superfamily: Ammonium transporter Family: Ammonium transporter
5	d2e74g1	 Alignment		21.0	25	Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex
6	d1pgl22	 Alignment		18.4	13	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
7	d1ny722	 Alignment		18.4	13	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Comoviridae-like VP
8	c3hd6A_	 Alignment		16.5	13	PDB header: membrane protein, transport protein Chain: A: PDB Molecule: ammonium transporter rh type c; PDBTitle: crystal structure of the human rhesus glycoprotein rhcg
9	c3b9yA_	 Alignment		14.5	14	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter family rh-like protein; PDBTitle: crystal structure of the nitrosomonas europaea rh protein
10	c3hd7A_	 Alignment		12.2	23	PDB header: exocytosis Chain: A: PDB Molecule: vesicle-associated membrane protein 2; PDBTitle: helical extension of the neuronal snare complex into the membrane,2 spacegroup c 1 2 1
11	c3u5eL_	 Alignment		9.8	30	PDB header: ribosome Chain: L: PDB Molecule: 60s ribosomal protein l13-a; PDBTitle: the structure of the eukaryotic ribosome at 3.0 resolution

12	c4a18U_	Alignment		9.3	30	PDB header: ribosome Chain: U: PDB Molecule: rpl13; PDBTitle: t.thermophila 60s ribosomal subunit in complex with initiation2 factor 6. this file contains 26s rna and proteins of molecule 1
13	c3pxpA_	Alignment		8.7	15	PDB header: transcription regulator Chain: A: PDB Molecule: helix-turn-helix domain protein; PDBTitle: crystal structure of a pas and dna binding domain containing protein2 (caur_2278) from chloroflexus aurantiacus j-10-fl at 2.30 a3 resolution
14	d1vf5g_	Alignment		6.6	25	Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex
15	c1vf5G_	Alignment		6.6	25	PDB header: photosynthesis Chain: G: PDB Molecule: protein pet g; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus
16	c1y6uA_	Alignment		6.5	11	PDB header: dna binding protein Chain: A: PDB Molecule: excisionase from transposon tn916; PDBTitle: the structure of the excisionase (xis) protein from2 conjugative transposon tn916 provides insights into the3 regulation of heterobivalent tyrosine recombinases
17	d1jb0d_	Alignment		6.3	20	Fold: Photosystem I subunit PsdD Superfamily: Photosystem I subunit PsdD Family: Photosystem I subunit PsdD

18	c3e0dA	Alignment		5.3	27	PDB header: transferase/dna Chain: A: PDB Molecule: dna polymerase iii subunit alpha; PDBTitle: insights into the replisome from the crystal structure of the ternary complex of the eubacterial dna polymerase iii3 alpha-subunit
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