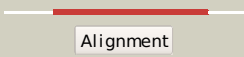

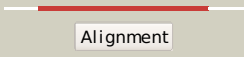

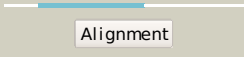



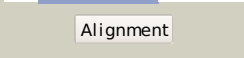
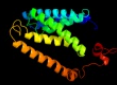
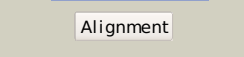

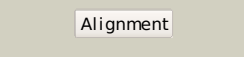

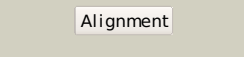

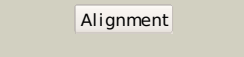

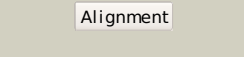

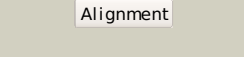
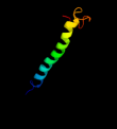







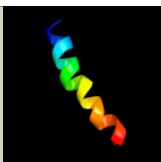
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2nq2A_	 Alignment		97.5	17	PDB header: metal transport Chain: A: PDB Molecule: hypothetical abc transporter permease protein PDBTitle: an inward-facing conformation of a putative metal-chelate2 type abc transporter.
2	d1l7va_	 Alignment		96.8	16	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	d1u7ga_	 Alignment		35.4	11	Fold: Ammonium transporter Superfamily: Ammonium transporter Family: Ammonium transporter
4	c2jp3A_	 Alignment		30.6	17	PDB header: transcription Chain: A: PDB Molecule: fxyd domain-containing ion transport regulator 4; PDBTitle: solution structure of the human fxyd4 (chif) protein in sds2 micelles
5	c2b2hA_	 Alignment		25.6	12	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter; PDBTitle: ammonium transporter amt-1 from a. fulgidus (as)
6	c3k3gA_	 Alignment		25.2	13	PDB header: transport protein Chain: A: PDB Molecule: urea transporter; PDBTitle: crystal structure of the urea transporter from desulfovibrio vulgaris2 bound to 1,3-dimethylurea
7	c3pxpA_	 Alignment		20.8	21	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
8	c3b9yA_	 Alignment		17.0	11	PDB header: transport protein Chain: A: PDB Molecule: ammonium transporter family rh-like protein; PDBTitle: crystal structure of the nitrosomonas europaea rh protein
9	d2e74g1	 Alignment		15.3	21	Fold: Single transmembrane helix Superfamily: PetG subunit of the cytochrome b6f complex Family: PetG subunit of the cytochrome b6f complex
10	c1y9qA_	 Alignment		11.4	13	PDB header: transcription regulator Chain: A: PDB Molecule: transcriptional regulator, hth_3 family; PDBTitle: crystal structure of hth_3 family transcriptional regulator2 from vibrio cholerae
11	c2jo1A_	 Alignment		8.9	17	PDB header: hydrolase regulator Chain: A: PDB Molecule: phospholemmann; PDBTitle: structure of the na,k-atpase regulatory protein fxyd1 in2 micelles

12	c1y6uA_	Alignment		8.0	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
13	c4a18U_	Alignment		8.0	21	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
14	c3u5eL_	Alignment		7.0	26	PDB header: ribosome Chain: L: PDB Molecule: 60s ribosomal protein l13-a; PDBTitle: the structure of the eukaryotic ribosome at 3.0 resolution
15	c2w8aC_	Alignment		6.2	15	PDB header: membrane protein Chain: C: PDB Molecule: glycine betaine transporter betp; PDBTitle: crystal structure of the sodium-coupled glycine betaine2 symporter betp from corynebacterium glutamicum with bound3 substrate
16	c1vf5G_	Alignment		5.6	25	PDB header: photosynthesis Chain: G: PDB Molecule: protein pet g; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus

17

[d1vf5g_](#)

Alignment



5.6

25

Fold: Single transmembrane helix

Superfamily: PetG subunit of the cytochrome b6f complex

Family: PetG subunit of the cytochrome b6f complex