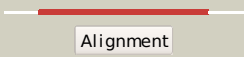

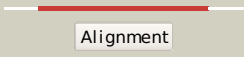

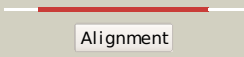



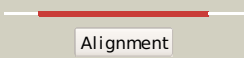

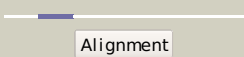

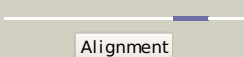
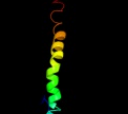
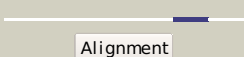
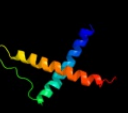

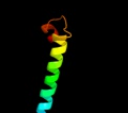
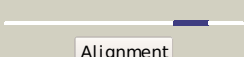
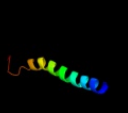
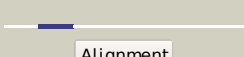
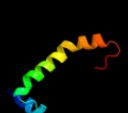








#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2xutC_	 Alignment		100.0	18	PDB header: transport protein Chain: C: PDB Molecule: proton/peptide symporter family protein; PDBTitle: crystal structure of a proton dependent oligopeptide (pot)2 family transporter.
2	d1pw4a_	 Alignment		100.0	14	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: Glycerol-3-phosphate transporter
3	d1pv7a_	 Alignment		100.0	10	Fold: MFS general substrate transporter Superfamily: MFS general substrate transporter Family: LacY-like proton/sugar symporter
4	c3o7pA_	 Alignment		100.0	14	PDB header: transport protein Chain: A: PDB Molecule: l-fucose-proton symporter; PDBTitle: crystal structure of the e.coli fucose:proton symporter, fucp (n162a)
5	c2gfpA_	 Alignment		99.9	15	PDB header: membrane protein Chain: A: PDB Molecule: multidrug resistance protein d; PDBTitle: structure of the multidrug transporter emrd from2 escherichia coli
6	d1lkpa3	 Alignment		12.4	30	Fold: Toxins' membrane translocation domains Superfamily: Exotoxin A, middle domain Family: Exotoxin A, middle domain
7	d1fftb2	 Alignment		10.8	14	Fold: Transmembrane helix hairpin Superfamily: Cytochrome c oxidase subunit II-like, transmembrane region Family: Cytochrome c oxidase subunit II-like, transmembrane region
8	c3hzqA_	 Alignment		7.5	9	PDB header: membrane protein Chain: A: PDB Molecule: large-conductance mechanosensitive channel; PDBTitle: structure of a tetrameric mscl in an expanded intermediate2 state
9	d1j4na_	 Alignment		7.1	7	Fold: Aquaporin-like Superfamily: Aquaporin-like Family: Aquaporin-like
10	c2kncA_	 Alignment		6.8	25	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiB; PDBTitle: platelet integrin alfaIIB-beta3 transmembrane-cytoplasmic2 heterocomplex
11	d3proc1	 Alignment		6.8	9	Fold: Alpha-lytic protease prodomain-like Superfamily: Alpha-lytic protease prodomain Family: Alpha-lytic protease prodomain

12	c2g9pA_	Alignment		6.0	36	PDB header: antimicrobial protein Chain: A: PDB Molecule: antimicrobial peptide Iatarcin 2a; PDBTitle: nmr structure of a novel antimicrobial peptide, Iatarcin 2a,2 from spider (Lachesis tarabaei) venom
13	c1ikqA_	Alignment		6.0	29	PDB header: transferase Chain: A: PDB Molecule: exotoxin a; PDBTitle: pseudomonas aeruginosa exotoxin a, wild type
14	d1o82a_	Alignment		5.9	15	Fold: Saposin-like Superfamily: Bacteriocin AS-48 Family: Bacteriocin AS-48
15	c2rddB_	Alignment		5.6	15	PDB header: membrane protein/transport protein Chain: B: PDB Molecule: upf0092 membrane protein yajc; PDBTitle: x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.
16	d2ox6a1	Alignment		5.5	24	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: YdiL-like
17	d2hoea1	Alignment		5.1	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ROK associated domain

18 [d2auwa1](#)

Alignment



5.1

27

Fold:lambda repressor-like DNA-binding domains
Superfamily:lambda repressor-like DNA-binding domains
Family:NE0471 C-terminal domain-like