

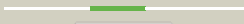








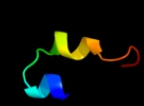















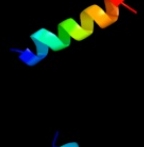

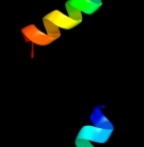
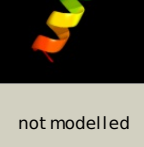


Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2nwwa1	 Alignment		100.0	26	Fold: Proton glutamate symport protein Superfamily: Proton glutamate symport protein Family: Proton glutamate symport protein
2	dliwga8	 Alignment		58.6	14	Fold: Multidrug efflux transporter AcrB transmembrane domain Superfamily: Multidrug efflux transporter AcrB transmembrane domain Family: Multidrug efflux transporter AcrB transmembrane domain
3	dla77a1	 Alignment		22.0	11	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
4	cloy8A_	 Alignment		18.9	13	PDB header: membrane protein Chain: A: PDB Molecule: acriflavine resistance protein b; PDBTitle: structural basis of multiple drug binding capacity of the acrb2 multidrug efflux pump
5	c3ah5E_	 Alignment		18.7	19	PDB header: transferase Chain: E: PDB Molecule: thymidylate synthase thyx; PDBTitle: crystal structure of flavin dependent thymidylate synthase thyx from2 helicobacter pylori complexed with fad and dump
6	dlo26a_	 Alignment		16.0	14	Fold: Thymidylate synthase-complementing protein Thy1 Superfamily: Thymidylate synthase-complementing protein Thy1 Family: Thymidylate synthase-complementing protein Thy1
7	d1bboa1	 Alignment		12.3	9	Fold: beta-beta-alpha zinc fingers Superfamily: beta-beta-alpha zinc fingers Family: Classic zinc finger, C2H2
8	c3k07A_	 Alignment		10.4	15	PDB header: transport protein Chain: A: PDB Molecule: cation efflux system protein cusa; PDBTitle: crystal structure of cusa
9	d1mc8a1	 Alignment		9.2	11	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
10	c2cmyB_	 Alignment		8.9	50	PDB header: hydrolase Chain: B: PDB Molecule: veronica hederifolia trypsin inhibitor; PDBTitle: crystal complex between bovine trypsin and veronica2 hederifolia trypsin inhibitor
11	d2cmyb1	 Alignment		8.9	50	Fold: Toxic hairpin Superfamily: VhTI-like Family: VhTI-like

12	dlrxwa1	Alignment		8.6	11	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
13	dlkyza1	Alignment		8.4	21	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Plant O-methyltransferase, N-terminal domain
14	c2cfaB_	Alignment		8.3	10	PDB header: transferase Chain: B: PDB Molecule: thymidylate synthase; PDBTitle: structure of viral flavin-dependant thymidylate synthase2 thyx
15	dlul1x1	Alignment		8.2	5	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
16	c2e75E_	Alignment		8.1	28	PDB header: photosynthesis Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: crystal structure of the cytochrome b6f complex with 2-nonyl-4-2 hydroxyquinoline n-oxide (nqno) from m.laminosus
17	c1vf5R_	Alignment		8.1	28	PDB header: photosynthesis Chain: R: PDB Molecule: protein pet l; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus
18	c2e74E_	Alignment		8.1	28	PDB header: photosynthesis Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: crystal structure of the cytochrome b6f complex from m.laminosus
19	c1vf5E_	Alignment		8.1	28	PDB header: photosynthesis Chain: E: PDB Molecule: protein pet l; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus
20	d2e74e1	Alignment		8.1	28	Fold: Single transmembrane helix Superfamily: PetL subunit of the cytochrome b6f complex Family: PetL subunit of the cytochrome b6f complex
21	c2e76E_	Alignment	not modelled	8.1	28	PDB header: photosynthesis Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: crystal structure of the cytochrome b6f complex with tridecyl-2 stigmatellin (tds) from m.laminosus
22	dlxo1a1	Alignment	not modelled	8.0	18	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
23	dlfp1d1	Alignment	not modelled	7.2	15	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Plant O-methyltransferase, N-terminal domain
24	d2eiaa2	Alignment	not modelled	7.1	10	Fold: Retrovirus capsid protein, N-terminal core domain Superfamily: Retrovirus capsid protein, N-terminal core domain Family: Retrovirus capsid protein, N-terminal core domain
25	dlb43a1	Alignment	not modelled	6.8	11	Fold: SAM domain-like Superfamily: 5' to 3' exonuclease, C-terminal subdomain Family: 5' to 3' exonuclease, C-terminal subdomain
26	c1tujA_	Alignment	not modelled	6.5	22	PDB header: transport protein Chain: A: PDB Molecule: odorant binding protein asp2; PDBTitle: solution structure of the honey bee general odorant binding2 protein asp2 in complex with trimethylsilyl-d4 propionate
27	c3dl8D_	Alignment	not modelled	6.4	13	PDB header: protein transport Chain: D: PDB Molecule: sece; PDBTitle: structure of the complex of aquifex aeolicus secyeg and2 bacillus subtilis seca
28	c2crnA_	Alignment	not modelled	6.3	10	PDB header: immune system Chain: A: PDB Molecule: ubash3a protein; PDBTitle: solution structure of the uba domain of human ubash3a2 protein
						Fold: Multidrug efflux transporter AcrB transmembrane domain

29	d1iwga7	Alignment	not modelled	6.1	11	Superfamily: Multidrug efflux transporter AcrB transmembrane domain Family: Multidrug efflux transporter AcrB transmembrane domain
30	c2wlvA	Alignment	not modelled	5.5	15	PDB header: virus protein Chain: A: PDB Molecule: gag polypeptide; PDBTitle: structure of the n-terminal capsid domain of hiv-2
31	d1m9dc	Alignment	not modelled	5.4	15	Fold: Retrovirus capsid protein, N-terminal core domain Superfamily: Retrovirus capsid protein, N-terminal core domain Family: Retrovirus capsid protein, N-terminal core domain
32	c2pcoA	Alignment	not modelled	5.4	38	PDB header: toxin Chain: A: PDB Molecule: latarcin-1; PDBTitle: spatial structure and membrane permeabilization for2 latarcin-1, a spider antimicrobial peptide
33	d2pxrc1	Alignment	not modelled	5.4	15	Fold: Retrovirus capsid protein, N-terminal core domain Superfamily: Retrovirus capsid protein, N-terminal core domain Family: Retrovirus capsid protein, N-terminal core domain
34	c2jwaA	Alignment	not modelled	5.1	8	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure