







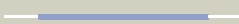















#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3mk7K_</a>	 Alignment		37.9	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> K; <b>PDB Molecule:</b> cytochrome c oxidase, cbb3-type, subunit n; <b>PDBTitle:</b> the structure of cbb3 cytochrome oxidase
2	<a href="#">c3eh4A_</a>	 Alignment		33.1	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A; <b>PDB Molecule:</b> cytochrome c oxidase subunit 1; <b>PDBTitle:</b> structure of the reduced form of cytochrome ba3 oxidase from thermus2 thermophilus
3	<a href="#">c2k21A_</a>	 Alignment		28.4	20	<b>PDB header:</b> membrane protein <b>Chain:</b> A; <b>PDB Molecule:</b> potassium voltage-gated channel subfamily e <b>PDBTitle:</b> nmr structure of human kcne1 in 1mpg micelles at ph 6.0 and 2 40 degree c
4	<a href="#">d1xmea1</a>	 Alignment		27.6	17	<b>Fold:</b> Cytochrome c oxidase subunit I-like <b>Superfamily:</b> Cytochrome c oxidase subunit I-like <b>Family:</b> Cytochrome c oxidase subunit I-like
5	<a href="#">d1pw4a_</a>	 Alignment		26.2	16	<b>Fold:</b> MFS general substrate transporter <b>Superfamily:</b> MFS general substrate transporter <b>Family:</b> Glycerol-3-phosphate transporter
6	<a href="#">d1pv7a_</a>	 Alignment		25.9	12	<b>Fold:</b> MFS general substrate transporter <b>Superfamily:</b> MFS general substrate transporter <b>Family:</b> LacY-like proton/sugar symporter
7	<a href="#">d2ecba1</a>	 Alignment		25.6	7	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
8	<a href="#">c2zmeA_</a>	 Alignment		22.8	27	<b>PDB header:</b> protein transport <b>Chain:</b> A; <b>PDB Molecule:</b> vacuolar-sorting protein snf8; <b>PDBTitle:</b> integrated structural and functional model of the human escrt-ii2 complex
9	<a href="#">c3dinD_</a>	 Alignment		21.1	7	<b>PDB header:</b> membrane protein, protein transport <b>Chain:</b> D; <b>PDB Molecule:</b> preprotein translocase subunit sece; <b>PDBTitle:</b> crystal structure of the protein-translocation complex formed by the2 secy channel and the seca atpase
10	<a href="#">c3pmiC_</a>	 Alignment		19.3	18	<b>PDB header:</b> protein binding <b>Chain:</b> C; <b>PDB Molecule:</b> pwwp domain-containing protein mum1; <b>PDBTitle:</b> pwwp domain of human mutated melanoma-associated antigen 1
11	<a href="#">c2jp3A_</a>	 Alignment		13.4	16	<b>PDB header:</b> transcription <b>Chain:</b> A; <b>PDB Molecule:</b> fxyd domain-containing ion transport regulator 4; <b>PDBTitle:</b> solution structure of the human fxyd4 (chif) protein in sds2 micelles

12	<a href="#">clu5tA_</a>	Alignment		12.9	3	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> appears to be functionally related to snf7; <b>PDBTitle:</b> structure of the escrt-ii endosomal trafficking complex
13	<a href="#">d1ha7b_</a>	Alignment		12.3	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
14	<a href="#">d1b8da_</a>	Alignment		12.0	18	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
15	<a href="#">c2ntxB_</a>	Alignment		10.9	36	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> emb cab41934.1;
16	<a href="#">d1u5ta1</a>	Alignment		8.4	5	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> Vacuolar sorting protein domain
17	<a href="#">d1cpca_</a>	Alignment		8.1	5	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
18	<a href="#">c3mlqD_</a>	Alignment		8.0	29	<b>PDB header:</b> transferase/transcription <b>Chain:</b> D: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of the thermus thermophilus transcription-repair2 coupling factor rna polymerase interacting domain with the thermus3 aquaticus rna polymerase beta1 domain
19	<a href="#">d1phnb_</a>	Alignment		8.0	18	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
20	<a href="#">d1eyxb_</a>	Alignment		7.9	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
21	<a href="#">c3mlqB_</a>	Alignment	not modelled	7.8	29	<b>PDB header:</b> transferase/transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of the thermus thermophilus transcription-repair2 coupling factor rna polymerase interacting domain with the thermus3 aquaticus rna polymerase beta1 domain
22	<a href="#">c2jo1A_</a>	Alignment	not modelled	7.6	9	<b>PDB header:</b> hydrolase regulator <b>Chain:</b> A: <b>PDB Molecule:</b> phospholemman; <b>PDBTitle:</b> structure of the na,k-atpase regulatory protein fxyd1 in2 micelles
23	<a href="#">d1a6qa1</a>	Alignment	not modelled	7.6	80	<b>Fold:</b> Another 3-helical bundle <b>Superfamily:</b> Protein serine/threonine phosphatase 2C, C-terminal domain <b>Family:</b> Protein serine/threonine phosphatase 2C, C-terminal domain
24	<a href="#">d1v54a_</a>	Alignment	not modelled	7.4	9	<b>Fold:</b> Cytochrome c oxidase subunit I-like <b>Superfamily:</b> Cytochrome c oxidase subunit I-like <b>Family:</b> Cytochrome c oxidase subunit I-like
25	<a href="#">c1qfqB_</a>	Alignment	not modelled	7.3	43	<b>PDB header:</b> transcription/rna <b>Chain:</b> B: <b>PDB Molecule:</b> 36-mer n-terminal peptide of the n protein; <b>PDBTitle:</b> bacteriophage lambda n-protein-nutboxb-rna complex
26	<a href="#">c2c7jB_</a>	Alignment	not modelled	7.2	18	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> phycoerythrocyanin beta chain; <b>PDBTitle:</b> phycoerythrocyanin from mastigocladus laminosus, 295 k,2 3.0 a
27	<a href="#">d1ffta_</a>	Alignment	not modelled	7.0	9	<b>Fold:</b> Cytochrome c oxidase subunit I-like <b>Superfamily:</b> Cytochrome c oxidase subunit I-like <b>Family:</b> Cytochrome c oxidase subunit I-like
						<b>PDB header:</b> oxidoreductase

28	<a href="#">c1fftF_</a>	Alignment	not modelled	7.0	9	<b>Chain:</b> F: <b>PDB Molecule:</b> ubiquinol oxidase; <b>PDBTitle:</b> the structure of ubiquinol oxidase from escherichia coli
29	<a href="#">c2e19A_</a>	Alignment	not modelled	6.8	6	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription factor 8; <b>PDBTitle:</b> solution structure of the homeobox domain from human nil-2-2 a zinc finger protein, transcription factor 8
30	<a href="#">d1cpcb_</a>	Alignment	not modelled	6.8	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
31	<a href="#">c3mp7A_</a>	Alignment	not modelled	6.7	50	<b>PDB header:</b> protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> preprotein translocase subunit secy; <b>PDBTitle:</b> lateral opening of a translocon upon entry of protein suggests the2 mechanism of insertion into membranes
32	<a href="#">c2kncA_</a>	Alignment	not modelled	6.7	8	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> integrin alpha-iiib; <b>PDBTitle:</b> platelet integrin alfa-iib-beta3 transmembrane-cytoplasmic2 heterocomplex
33	<a href="#">d1hynp_</a>	Alignment	not modelled	6.6	26	<b>Fold:</b> Phoshotransferase/anion transport protein <b>Superfamily:</b> Phoshotransferase/anion transport protein <b>Family:</b> Anion transport protein, cytoplasmic domain
34	<a href="#">c2rddB_</a>	Alignment	not modelled	6.6	14	<b>PDB header:</b> membrane protein/transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> upf0092 membrane protein yajc; <b>PDBTitle:</b> x-ray crystal structure of acrb in complex with a novel2 transmembrane helix.
35	<a href="#">d1liab_</a>	Alignment	not modelled	6.5	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
36	<a href="#">c1hynQ_</a>	Alignment	not modelled	6.5	16	<b>PDB header:</b> membrane protein <b>Chain:</b> Q: <b>PDB Molecule:</b> band 3 anion transport protein; <b>PDBTitle:</b> crystal structure of the cytoplasmic domain of human2 erythrocyte band-3 protein
37	<a href="#">d1kn1a_</a>	Alignment	not modelled	6.4	21	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
38	<a href="#">d1ar1a_</a>	Alignment	not modelled	6.4	2	<b>Fold:</b> Cytochrome c oxidase subunit I-like <b>Superfamily:</b> Cytochrome c oxidase subunit I-like <b>Family:</b> Cytochrome c oxidase subunit I-like
39	<a href="#">d1xmec1</a>	Alignment	not modelled	6.3	53	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> Bacterial ba3 type cytochrome c oxidase subunit IIa <b>Family:</b> Bacterial ba3 type cytochrome c oxidase subunit IIa
40	<a href="#">d1f99b_</a>	Alignment	not modelled	6.2	20	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
41	<a href="#">c2bbjB_</a>	Alignment	not modelled	6.1	17	<b>PDB header:</b> metal transport/membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> divalent cation transport-related protein; <b>PDBTitle:</b> crystal structure of the cora mg2+ transporter
42	<a href="#">c3smaD_</a>	Alignment	not modelled	6.0	41	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> frbf; <b>PDBTitle:</b> a new n-acetyltransferase fold in the structure and mechanism of the2 phosphonate biosynthetic enzyme frbf
43	<a href="#">d1vp8a_</a>	Alignment	not modelled	5.9	25	<b>Fold:</b> Pyruvate kinase C-terminal domain-like <b>Superfamily:</b> PK C-terminal domain-like <b>Family:</b> MTH1675-like
44	<a href="#">c2vmlD_</a>	Alignment	not modelled	5.8	13	<b>PDB header:</b> photosynthesis <b>Chain:</b> D: <b>PDB Molecule:</b> phycocyanin beta chain; <b>PDBTitle:</b> the monoclinic structure of phycocyanin from gloeobacter2 violaceus
45	<a href="#">c3hwpA_</a>	Alignment	not modelled	5.8	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> phlg; <b>PDBTitle:</b> crystal structure and computational analyses provide insights into the2 catalytic mechanism of 2, 4-diacylphloroglucinol hydrolase phlg3 from pseudomonas fluorescens
46	<a href="#">c2da7A_</a>	Alignment	not modelled	5.8	9	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger homeobox protein 1b; <b>PDBTitle:</b> solution structure of the homeobox domain of zinc finger2 homeobox protein 1b (smad interacting protein 1)
47	<a href="#">c3e4fB_</a>	Alignment	not modelled	5.8	41	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoglycoside n3-acetyltransferase; <b>PDBTitle:</b> crystal structure of ba2930- a putative aminoglycoside n3-2 acetyltransferase from bacillus anthracis
48	<a href="#">c1cw5A_</a>	Alignment	not modelled	5.7	29	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> type iia bacteriocin carnobacteriocin b2; <b>PDBTitle:</b> solution structure of carnobacteriocin b2
49	<a href="#">d2h8pc1</a>	Alignment	not modelled	5.7	11	<b>Fold:</b> Voltage-gated potassium channels <b>Superfamily:</b> Voltage-gated potassium channels <b>Family:</b> Voltage-gated potassium channels
50	<a href="#">d1mtyg_</a>	Alignment	not modelled	5.7	15	<b>Fold:</b> Open three-helical up-and-down bundle <b>Superfamily:</b> Methane monooxygenase hydrolase, gamma subunit <b>Family:</b> Methane monooxygenase hydrolase, gamma subunit
51	<a href="#">c1jb0K_</a>	Alignment	not modelled	5.7	11	<b>PDB header:</b> photosynthesis <b>Chain:</b> K: <b>PDB Molecule:</b> photosystem 1 reaction centre subunit x; <b>PDBTitle:</b> crystal structure of photosystem i: a photosynthetic reaction center2 and core antenna system from cyanobacteria
52	<a href="#">d1jb0k_</a>	Alignment	not modelled	5.7	11	<b>Fold:</b> Photosystem I reaction center subunit X, Psak <b>Superfamily:</b> Photosystem I reaction center subunit X, Psak <b>Family:</b> Photosystem I reaction center subunit X, Psak
53	<a href="#">c3gitA_</a>	Alignment	not modelled	5.7	10	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> carbon monoxide dehydrogenase/acetyl-coa synthase subunit <b>PDBTitle:</b> crystal structure of a truncated acetyl-coa synthase
54	<a href="#">d1unld_</a>	Alignment	not modelled	5.6	29	<b>Fold:</b> Cyclin-like <b>Superfamily:</b> Cyclin-like

						<b>Family:</b> Cyclin
55	<a href="#">c1q90L_</a>	Alignment	not modelled	5.6	38	<b>PDB header:</b> photosynthesis <b>Chain:</b> L: <b>PDB Molecule:</b> cytochrome b6f complex subunit pet1; <b>PDBTitle:</b> structure of the cytochrome b6f (plastoquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
56	<a href="#">d1q90I_</a>	Alignment	not modelled	5.6	38	<b>Fold:</b> Single transmembrane helix <b>Superfamily:</b> PetL subunit of the cytochrome b6f complex <b>Family:</b> PetL subunit of the cytochrome b6f complex
57	<a href="#">d1mhyg_</a>	Alignment	not modelled	5.6	10	<b>Fold:</b> Open three-helical up-and-down bundle <b>Superfamily:</b> Methane monooxygenase hydrolase, gamma subunit <b>Family:</b> Methane monooxygenase hydrolase, gamma subunit
58	<a href="#">c2ka2A_</a>	Alignment	not modelled	5.4	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> bcl2/adenovirus e1b 19 kda protein-interacting <b>PDBTitle:</b> solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints
59	<a href="#">c2ka1B_</a>	Alignment	not modelled	5.4	33	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> bcl2/adenovirus e1b 19 kda protein-interacting <b>PDBTitle:</b> solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
60	<a href="#">c2ka1A_</a>	Alignment	not modelled	5.4	33	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> bcl2/adenovirus e1b 19 kda protein-interacting <b>PDBTitle:</b> solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
61	<a href="#">c2ka2B_</a>	Alignment	not modelled	5.4	33	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> bcl2/adenovirus e1b 19 kda protein-interacting <b>PDBTitle:</b> solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints
62	<a href="#">d1ha7a_</a>	Alignment	not modelled	5.4	14	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
63	<a href="#">d1jboa_</a>	Alignment	not modelled	5.4	10	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
64	<a href="#">c1m56G_</a>	Alignment	not modelled	5.3	5	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> cytochrome c oxidase; <b>PDBTitle:</b> structure of cytochrome c oxidase from rhodobactor2 sphaeroides (wild type)
65	<a href="#">c1peiA_</a>	Alignment	not modelled	5.3	50	<b>PDB header:</b> nucleotidyltransferase <b>Chain:</b> A: <b>PDB Molecule:</b> pepc22; <b>PDBTitle:</b> nmr structure of the membrane-binding domain of ctp2 phosphocholine cytidyltransferase, 10 structures
66	<a href="#">d1xg0c_</a>	Alignment	not modelled	5.2	15	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins
67	<a href="#">c2kluA_</a>	Alignment	not modelled	5.1	23	<b>PDB header:</b> immune system, membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> t-cell surface glycoprotein cd4; <b>PDBTitle:</b> nmr structure of the transmembrane and cytoplasmic domains2 of human cd4
68	<a href="#">c2diiA_</a>	Alignment	not modelled	5.1	23	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> tfiih basal transcription factor complex p62 <b>PDBTitle:</b> solution structure of the bsd domain of human tfiih basal2 transcription factor complex p62 subunit
69	<a href="#">c1ifpA_</a>	Alignment	not modelled	5.1	32	<b>PDB header:</b> virus <b>Chain:</b> A: <b>PDB Molecule:</b> major coat protein assembly; <b>PDBTitle:</b> inovirus (filamentous bacteriophage) strain pf3 major coat2 protein assembly
70	<a href="#">d1sana_</a>	Alignment	not modelled	5.1	22	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Homeodomain
71	<a href="#">d1f99a_</a>	Alignment	not modelled	5.1	7	<b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Phycocyanin-like phycobilisome proteins