



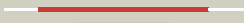




























Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2onkC_	 Alignment		99.9	15	PDB header: membrane protein Chain: C: PDB Molecule: molybdate/tungstate abc transporter, permease PDBTitle: abc transporter modbc in complex with its binding protein2 moda
2	d2onkc1	 Alignment		99.9	15	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
3	d3d31c1	 Alignment		99.9	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
4	c3d31D_	 Alignment		99.9	14	PDB header: transport protein Chain: D: PDB Molecule: sulfate/molybdate abc transporter, permease PDBTitle: modbc from methanosarcina acetivorans
5	c2r6gF_	 Alignment		99.8	13	PDB header: hydrolase/transport protein Chain: F: PDB Molecule: maltose transport system permease protein malF; PDBTitle: the crystal structure of the e. coli maltose transporter
6	d2r6gf2	 Alignment		99.8	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
7	c3fh6F_	 Alignment		99.8	12	PDB header: transport protein Chain: F: PDB Molecule: maltose transport system permease protein malF; PDBTitle: crystal structure of the resting state maltose transporter from e.2 coli
8	d2r6gg1	 Alignment		99.7	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
9	d3dhwa1	 Alignment		99.7	14	Fold: MetI-like Superfamily: MetI-like Family: MetI-like
10	d1ntca_	 Alignment		35.3	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
11	d1umqa_	 Alignment		34.0	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like

12	c1umqA_	Alignment		34.0	22	PDB header: dna-binding protein Chain: A: PDB Molecule: photosynthetic apparatus regulatory protein; PDBTitle: solution structure and dna binding of the effector domain2 from the global regulator prra(rega) from r. sphaeroides:3 insights into dna binding specificity
13	d1etob_	Alignment		32.3	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
14	d1fipa_	Alignment		32.0	22	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
15	d1etxa_	Alignment		27.0	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
16	c3e7lD_	Alignment		24.1	13	PDB header: transcription regulator Chain: D: PDB Molecule: transcriptional regulator (ntrc family); PDBTitle: crystal structure of sigma54 activator ntrc4's dna binding2 domain
17	c2jwaA_	Alignment		23.1	6	PDB header: transferase Chain: A: PDB Molecule: receptor tyrosine-protein kinase erbb-2; PDBTitle: erbb2 transmembrane segment dimer spatial structure
18	d1g2ha_	Alignment		21.4	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: Homeodomain-like Family: FIS-like
19	d2ns0a1	Alignment		18.3	17	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: RHA1 ro06458-like
20	c2cw1A_	Alignment		17.8	43	PDB header: de novo protein Chain: A: PDB Molecule: sn4m; PDBTitle: solution structure of the de novo-designed lambda cro fold2 protein
21	c2hx6A_	Alignment	not modelled	13.1	14	PDB header: hydrolase Chain: A: PDB Molecule: ribonuclease; PDBTitle: solution structure analysis of the phage t42 endoribonuclease regb
22	c2d7dB_	Alignment	not modelled	11.3	15	PDB header: hydrolase/dna Chain: B: PDB Molecule: 40-mer from uvrabc system protein b; PDBTitle: structural insights into the cryptic dna dependent atp-ase2 activity of uvrbc
23	d1i3ja_	Alignment	not modelled	8.9	10	Fold: DNA-binding domain of intron-encoded endonucleases Superfamily: DNA-binding domain of intron-encoded endonucleases Family: DNA-binding domain of intron-encoded endonucleases
24	c3qkbB_	Alignment	not modelled	8.7	9	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: crystal structure of a protein with unknown function which belongs to2 pfam duf74 family (pepe_0654) from pediococcus pentosaceus atcc 257453 at 2.73 a resolution
25	c3iwcD_	Alignment	not modelled	8.3	35	PDB header: lyase Chain: D: PDB Molecule: s-adenosylmethionine decarboxylase; PDBTitle: t. maritima adometdc complex with s-adenosylmethionine2 methyl ester
26	d1st6a6	Alignment	not modelled	8.2	15	Fold: Four-helical up-and-down bundle Superfamily: alpha-catenin/vinculin-like Family: alpha-catenin/vinculin
27	d2auwa1	Alignment	not modelled	8.0	26	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: NE0471 C-terminal domain-like
28	d1ilga1	Alignment	not modelled	7.9	16	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain

29	d1x8da1	Alignment	not modelled	7.9	7	Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: YiiL-like
30	c2kvlA	Alignment	not modelled	7.8	8	PDB header: viral protein Chain: A: PDB Molecule: major outer capsid protein vp7; PDBTitle: nmr structure of the c-terminal domain of vp7
31	d1cf7a	Alignment	not modelled	7.6	19	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Cell cycle transcription factor e2f-dp
32	c1twcF	Alignment	not modelled	7.5	29	PDB header: transcription Chain: F: PDB Molecule: dna-directed rna polymerases i, ii, and iii 23 PDBTitle: rna polymerase ii complexed with gtp
33	d1twff	Alignment	not modelled	7.5	29	Fold: RPB6/omega subunit-like Superfamily: RPB6/omega subunit-like Family: RPB6
34	c2lhuA	Alignment	not modelled	7.4	19	PDB header: structural protein Chain: A: PDB Molecule: mybpc3 protein; PDBTitle: structural insight into the unique cardiac myosin binding protein-c2 motif: a partially folded domain
35	d1qkla	Alignment	not modelled	7.3	29	Fold: RPB6/omega subunit-like Superfamily: RPB6/omega subunit-like Family: RPB6
36	c2pmzW	Alignment	not modelled	7.3	14	PDB header: translation, transferase Chain: W: PDB Molecule: dna-directed rna polymerase subunit k; PDBTitle: archaeal rna polymerase from sulfolobus solfataricus
37	c3s1bA	Alignment	not modelled	7.3	24	PDB header: signaling protein Chain: A: PDB Molecule: mini-z; PDBTitle: the development of peptide-based tools for the analysis of2 angiogenesis
38	c1ciiA	Alignment	not modelled	7.2	30	PDB header: transmembrane protein Chain: A: PDB Molecule: colicin ia; PDBTitle: colicin ia
39	d2cg4a1	Alignment	not modelled	7.1	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
40	d3orca	Alignment	not modelled	7.0	36	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: Phage repressors
41	d2cyya1	Alignment	not modelled	7.0	13	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
42	c1y2iC	Alignment	not modelled	7.0	27	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: hypothetical protein s0862; PDBTitle: crystal structure of mcsg target apc27401 from shigella2 flexneri
43	d1y2ia	Alignment	not modelled	7.0	27	Fold: Dodecin subunit-like Superfamily: YbjQ-like Family: YbjQ-like
44	c2ks1B	Alignment	not modelled	6.9	7	PDB header: transferase Chain: B: PDB Molecule: epidermal growth factor receptor; PDBTitle: heterodimeric association of transmembrane domains of erbb1 and erbb22 receptors enabling kinase activation
45	d2hqva1	Alignment	not modelled	6.9	8	Fold: Heme iron utilization protein-like Superfamily: Heme iron utilization protein-like Family: ChuX-like
46	d2obpa1	Alignment	not modelled	6.8	23	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: ReutB4095-like
47	c2ng2A	Alignment	not modelled	6.8	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.
48	d1se7a	Alignment	not modelled	6.7	40	Fold: DNA polymerase III theta subunit-like Superfamily: DNA polymerase III theta subunit-like Family: DNA polymerase III theta subunit-like
49	d2cfxa1	Alignment	not modelled	6.6	6	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Lrp/AsnC-like transcriptional regulator N-terminal domain
50	c2qlxA	Alignment	not modelled	6.6	11	PDB header: isomerase Chain: A: PDB Molecule: l-rhamnose mutarotase; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum in complex with l-rhamnose
51	c2qlwA	Alignment	not modelled	6.6	11	PDB header: isomerase Chain: A: PDB Molecule: rhau; PDBTitle: crystal structure of rhamnose mutarotase rhau of rhizobium2 leguminosarum
52	d1vr4a1	Alignment	not modelled	6.4	9	Fold: Dodecin subunit-like Superfamily: YbjQ-like Family: YbjQ-like
53	d1sdia	Alignment	not modelled	6.4	23	Fold: YcfC-like Superfamily: YcfC-like Family: YcfC-like
54	c2auwB	Alignment	not modelled	6.4	19	PDB header: unknown function Chain: B: PDB Molecule: hypothetical protein ne0471; PDBTitle: crystal structure of putative dna binding protein ne0471 from2 nitrosomonas europaea atcc 19718
55	c2zihC	Alignment	not modelled	6.4	6	PDB header: protein transport Chain: C: PDB Molecule: vacuolar protein sorting-associated protein 74;

					PDBTitle: crystal structure of yeast vps74
56	d1v54g_	Alignment	not modelled	6.4	12 Fold: Single transmembrane helix Superfamily: Mitochondrial cytochrome c oxidase subunit VIa Family: Mitochondrial cytochrome c oxidase subunit VIa
57	d1brwa3	Alignment	not modelled	6.4	24 Fold: alpha/beta-Hammerhead Superfamily: Pyrimidine nucleoside phosphorylase C-terminal domain Family: Pyrimidine nucleoside phosphorylase C-terminal domain
58	c2i88A_	Alignment	not modelled	6.4	24 PDB header: membrane protein Chain: A: PDB Molecule: colicin-e1; PDBTitle: crystal structure of the channel-forming domain of colicin2 e1
59	c2ziiA_	Alignment	not modelled	6.3	6 PDB header: protein transport Chain: A: PDB Molecule: vacuolar protein sorting-associated protein 74; PDBTitle: crystal structure of yeast vps74-n-term truncation variant
60	d2o3aa1	Alignment	not modelled	6.3	33 Fold: alpha/beta knot Superfamily: alpha/beta knot Family: AF0751-like
61	d1o8ca2	Alignment	not modelled	6.3	15 Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Alcohol dehydrogenase-like, C-terminal domain
62	c2kz3A_	Alignment	not modelled	6.3	18 PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein rad51l3; PDBTitle: backbone 1h, 13c, and 15n chemical shift assignments for human rad51d2 from 1 to 83
63	d1h6gb1	Alignment	not modelled	6.3	19 Fold: Four-helical up-and-down bundle Superfamily: alpha-catenin/vinculin-like Family: alpha-catenin/vinculin
64	d2phcb1	Alignment	not modelled	6.2	8 Fold: Cyclophilin-like Superfamily: Cyclophilin-like Family: PH0987 C-terminal domain-like
65	c2yy8B_	Alignment	not modelled	6.2	33 PDB header: transferase Chain: B: PDB Molecule: upf0106 protein ph0461; PDBTitle: crystal structure of archaeal trna-methylase for position2 56 (atrm56) from pyrococcus horikoshii, complexed with s-3 adenosyl-l-methionine
66	d2tpa3	Alignment	not modelled	6.2	29 Fold: alpha/beta-Hammerhead Superfamily: Pyrimidine nucleoside phosphorylase C-terminal domain Family: Pyrimidine nucleoside phosphorylase C-terminal domain
67	c1pyuD_	Alignment	not modelled	6.1	31 PDB header: lyase Chain: D: PDB Molecule: aspartate 1-decarboxylase alfa chain; PDBTitle: processed aspartate decarboxylase mutant with ser25 mutated to cys
68	c2vn2B_	Alignment	not modelled	6.1	14 PDB header: replication Chain: B: PDB Molecule: chromosome replication initiation protein; PDBTitle: crystal structure of the n-terminal domain of dnad protein2 from geobacillus kaustophilus hta426
69	c1piiA_	Alignment	not modelled	6.0	20 PDB header: bifunctional(isomerase and synthase) Chain: A: PDB Molecule: n-(5' phosphoribosyl)anthranilate isomerase; PDBTitle: three-dimensional structure of the bifunctional enzyme2 phosphoribosylanthranilate isomerase;3 indoleglycerolphosphate synthase from escherichia coli4 refined at 2.0 angstroms resolution
70	c1rkcB_	Alignment	not modelled	6.0	11 PDB header: cell adhesion, structural protein Chain: B: PDB Molecule: talin; PDBTitle: human vinculin head (1-258) in complex with talin's2 vinculin binding site 3 (residues 1944-1969)
71	d1jhfa1	Alignment	not modelled	6.0	12 Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: LexA repressor, N-terminal DNA-binding domain
72	c2gqgB_	Alignment	not modelled	6.0	6 PDB header: transcription Chain: B: PDB Molecule: leucine-responsive regulatory protein; PDBTitle: crystal structure of e. coli leucine-responsive regulatory protein2 (lrp)
73	c3mmID_	Alignment	not modelled	5.9	17 PDB header: hydrolase Chain: D: PDB Molecule: allophanate hydrolase subunit 1; PDBTitle: allophanate hydrolase complex from mycobacterium smegmatis, msme0435-2 msme0436
74	c3h0gF_	Alignment	not modelled	5.9	27 PDB header: transcription Chain: F: PDB Molecule: dna-directed rna polymerases i, ii, and iii PDBTitle: rna polymerase ii from schizosaccharomyces pombe
75	c1xwjB_	Alignment	not modelled	5.9	11 PDB header: cell adhesion/protein binding Chain: B: PDB Molecule: talin; PDBTitle: vinculin head (1-258) in complex with the talin vinculin2 binding site 3 (1945-1969)
76	d1icha_	Alignment	not modelled	5.9	5 Fold: DEATH domain Superfamily: DEATH domain Family: DEATH domain, DD
77	c1ichA_	Alignment	not modelled	5.9	5 PDB header: apoptosis Chain: A: PDB Molecule: tumor necrosis factor receptor-1; PDBTitle: solution structure of the tumor necrosis factor receptor-12 death domain
78	c2ka1A_	Alignment	not modelled	5.8	11 PDB header: membrane protein Chain: A: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
79	c2ka2B_	Alignment	not modelled	5.8	11 PDB header: membrane protein Chain: B: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints

80	d1a53a_	Alignment	not modelled	5.8	27	Fold: TIM beta/alpha-barrel Superfamily: Ribulose-phosphate binding barrel Family: Tryptophan biosynthesis enzymes
81	c2e75E_	Alignment	not modelled	5.8	29	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
82	c1vf5R_	Alignment	not modelled	5.8	29	PDB header: photosynthesis Chain: R: PDB Molecule: protein pet l; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus
83	c2e74E_	Alignment	not modelled	5.8	29	PDB header: photosynthesis Chain: E: PDB Molecule: cytochrome b6-f complex subunit 6; PDBTitle: crystal structure of the cytochrome b6f complex from m.laminosus
84	c2e76E_	Alignment	not modelled	5.8	29	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
85	d2e74e1	Alignment	not modelled	5.8	29	Fold: Single transmembrane helix Superfamily: PetL subunit of the cytochrome b6f complex Family: PetL subunit of the cytochrome b6f complex
86	c2xa6B_	Alignment	not modelled	5.7	21	PDB header: transcription Chain: B: PDB Molecule: kh domain-containing\,rna-binding\,signal PDBTitle: structural basis for homodimerization of the src-associated2 during mitosis, 68 kd protein (sam68) qua1 domain
87	c2ka2A_	Alignment	not modelled	5.7	16	PDB header: membrane protein Chain: A: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles with his173-ser172 intermonomer3 hydrogen bond restraints
88	c2ka1B_	Alignment	not modelled	5.7	16	PDB header: membrane protein Chain: B: PDB Molecule: bcl2/adenovirus e1b 19 kda protein-interacting PDBTitle: solution nmr structure of bnip3 transmembrane peptide dimer2 in detergent micelles
89	c3lpeF_	Alignment	not modelled	5.7	25	PDB header: transferase Chain: F: PDB Molecule: dna-directed rna polymerase subunit e''; PDBTitle: crystal structure of spt4/5ngn heterodimer complex from methanococcus2 jannaschii
90	d1nyoa_	Alignment	not modelled	5.7	3	Fold: FAS1 domain Superfamily: FAS1 domain Family: FAS1 domain
91	c2ijlB_	Alignment	not modelled	5.6	20	PDB header: transcription Chain: B: PDB Molecule: molybdenum-binding transcriptional repressor; PDBTitle: the structure of a putative mode from agrobacterium tumefaciens.
92	d1vf5c3	Alignment	not modelled	5.6	17	Fold: Single transmembrane helix Superfamily: Cytochrome f subunit of the cytochrome b6f complex, transmembrane anchor Family: Cytochrome f subunit of the cytochrome b6f complex, transmembrane anchor
93	c2zp2B_	Alignment	not modelled	5.5	4	PDB header: transferase inhibitor Chain: B: PDB Molecule: kinase a inhibitor; PDBTitle: c-terminal domain of kipi from bacillus subtilis
94	d1l7va_	Alignment	not modelled	5.5	13	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
95	c2kncA_	Alignment	not modelled	5.5	16	PDB header: cell adhesion Chain: A: PDB Molecule: integrin alpha-iiib; PDBTitle: platelet integrin alfa-iib-beta3 transmembrane-cytoplasmic2 heterocomplex
96	c1jd7A_	Alignment	not modelled	5.5	13	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: crystal structure analysis of the mutant k300r of2 pseudoalteromonas haloplantcis alpha-amylase
97	c3gebC_	Alignment	not modelled	5.4	17	PDB header: hydrolase Chain: C: PDB Molecule: eyes absent homolog 2; PDBTitle: crystal structure of edeya2
98	c3gk0H_	Alignment	not modelled	5.4	27	PDB header: transferase Chain: H: PDB Molecule: pyridoxine 5'-phosphate synthase; PDBTitle: crystal structure of pyridoxal phosphate biosynthetic2 protein from burkholderia pseudomallei
99	c1vf5E_	Alignment	not modelled	5.4	30	PDB header: photosynthesis Chain: E: PDB Molecule: protein pet l; PDBTitle: crystal structure of cytochrome b6f complex from m.laminosus