



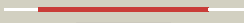
















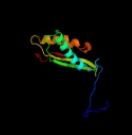



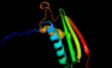



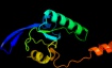




















#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1rg9D_	 Alignment		100.0	100	PDB header: transferase Chain: D: PDB Molecule: s-adenosylmethionine synthetase; PDBTitle: s-adenosylmethionine synthetase complexed with sam and ppnp
2	c2obvA_	 Alignment		100.0	57	PDB header: transferase Chain: A: PDB Molecule: s-adenosylmethionine synthetase isoform type-1; PDBTitle: crystal structure of the human s-adenosylmethionine synthetase 1 in2 complex with the product
3	c3so4C_	 Alignment		100.0	52	PDB header: transferase Chain: C: PDB Molecule: methionine-adenosyltransferase; PDBTitle: methionine-adenosyltransferase from entamoeba histolytica
4	c3imlB_	 Alignment		100.0	72	PDB header: transferase Chain: B: PDB Molecule: s-adenosylmethionine synthetase; PDBTitle: crystal structure of s-adenosylmethionine synthetase from burkholderia2 pseudomallei
5	c3rv2B_	 Alignment		100.0	62	PDB header: transferase Chain: B: PDB Molecule: s-adenosylmethionine synthase; PDBTitle: crystal structure of s-adenosylmethionine synthetase from2 mycobacterium marinum
6	d1mxaa3	 Alignment		100.0	100	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
7	d2p02a3	 Alignment		100.0	62	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
8	d1qm4a3	 Alignment		100.0	64	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
9	d1mxaa2	 Alignment		100.0	100	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
10	d2p02a2	 Alignment		100.0	48	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
11	d1qm4a2	 Alignment		100.0	49	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase

12	d2p02a1	 Alignment		100.0	61	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
13	d1mxaa1	 Alignment		100.0	100	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
14	d1qm4a1	 Alignment		100.0	62	Fold: S-adenosylmethionine synthetase Superfamily: S-adenosylmethionine synthetase Family: S-adenosylmethionine synthetase
15	c3k8zD_	 Alignment		82.9	13	PDB header: oxidoreductase Chain: D: PDB Molecule: nad-specific glutamate dehydrogenase; PDBTitle: crystal structure of gudb1 a decrypiated secondary glutamate2 dehydrogenase from b. subtilis
16	d2dt5a1	 Alignment		82.1	28	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: Transcriptional repressor Rex, N-terminal domain
17	c2bmaA_	 Alignment		56.4	19	PDB header: oxidoreductase Chain: A: PDB Molecule: glutamate dehydrogenase (nadp+); PDBTitle: the crystal structure of plasmodium falciparum glutamate2 dehydrogenase, a putative target for novel antimalarial3 drugs
18	d1w9ha1	 Alignment		54.5	23	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: PIWI domain
19	c3lvtA_	 Alignment		51.4	22	PDB header: hydrolase Chain: A: PDB Molecule: glycosyl hydrolase, family 38; PDBTitle: the crystal structure of a 59 kda fragment of topoisomerase hydrolase2 family 38 from enterococcus faecalis to 2.55a
20	c2inrA_	 Alignment		48.9	20	PDB header: isomerase Chain: A: PDB Molecule: dna topoisomerase 4 subunit a; PDBTitle: crystal structure of a 59 kda fragment of topoisomerase iv subunit a2 (grla) from staphylococcus aureus
21	c2w42A_	 Alignment	not modelled	40.4	24	PDB header: protein/dna complex Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: the structure of a piwi protein from archaeoglobus fulgidus2 complexed with a 16nt dna duplex.
22	d1u04a2	 Alignment	not modelled	39.0	31	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: PIWI domain
23	d1euza2	 Alignment	not modelled	36.1	18	Fold: Aminoacid dehydrogenase-like, N-terminal domain Superfamily: Aminoacid dehydrogenase-like, N-terminal domain Family: Aminoacid dehydrogenases
24	c3ketA_	 Alignment	not modelled	34.9	17	PDB header: transcription/dna Chain: A: PDB Molecule: redox-sensing transcriptional repressor rex; PDBTitle: crystal structure of a rex-family transcriptional regulatory protein2 from streptococcus agalactiae bound to a palindromic operator
25	d1kjna_	 Alignment	not modelled	34.4	29	Fold: Hypothetical protein MTH777 (MT0777) Superfamily: Hypothetical protein MTH777 (MT0777) Family: Hypothetical protein MTH777 (MT0777)
26	c3aoeC_	 Alignment	not modelled	31.1	20	PDB header: oxidoreductase Chain: C: PDB Molecule: glutamate dehydrogenase; PDBTitle: crystal structure of hetero-hexameric glutamate dehydrogenase from2 thermus thermophilus (leu bound form)
27	d2fiqa1	 Alignment	not modelled	28.4	19	Fold: TIM beta/alpha-barrel Superfamily: Aldolase Family: GatZ-like
28	c2dt5A_	 Alignment	not modelled	27.9	28	PDB header: dna binding protein Chain: A: PDB Molecule: at-rich dna-binding protein; PDBTitle: crystal structure of tha1657 (at-rich dna-binding protein) from2 thermus thermophilus hb8

29	d1to0a_	Alignment	not modelled	24.0	60	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: YbeA-like
30	d2fm8a1	Alignment	not modelled	23.6	22	Fold: Secretion chaperone-like Superfamily: Type III secretory system chaperone-like Family: Type III secretory system chaperone
31	c2vofA_	Alignment	not modelled	22.7	8	PDB header: apoptosis Chain: A: PDB Molecule: bcl-2-related protein a1; PDBTitle: structure of mouse a1 bound to the puma bh3-domain
32	d1vh0a_	Alignment	not modelled	22.7	75	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: YbeA-like
33	c1hrdA_	Alignment	not modelled	22.2	19	PDB header: oxidoreductase Chain: A: PDB Molecule: glutamate dehydrogenase; PDBTitle: glutamate dehydrogenase
34	d1ns5a_	Alignment	not modelled	22.0	50	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: YbeA-like
35	d1o6da_	Alignment	not modelled	21.3	63	Fold: alpha/beta knot Superfamily: alpha/beta knot Family: YbeA-like
36	d1b26a2	Alignment	not modelled	20.9	23	Fold: Aminoacid dehydrogenase-like, N-terminal domain Superfamily: Aminoacid dehydrogenase-like, N-terminal domain Family: Aminoacid dehydrogenases
37	c2z51A_	Alignment	not modelled	20.1	20	PDB header: metal transport Chain: A: PDB Molecule: nifu-like protein 2, chloroplast; PDBTitle: crystal structure of arabidopsis cnfu involved in iron-2 sulfur cluster biosynthesis
38	d1vkha_	Alignment	not modelled	19.8	19	Fold: alpha/beta-Hydrolases Superfamily: alpha/beta-Hydrolases Family: Putative serine hydrolase Ydr428c
39	d1azpa_	Alignment	not modelled	17.4	40	Fold: SH3-like barrel Superfamily: Chromo domain-like Family: "Histone-like" proteins from archaea
40	c1u04A_	Alignment	not modelled	17.3	46	PDB header: hydrolase/gene regulation Chain: A: PDB Molecule: hypothetical protein pf0537; PDBTitle: crystal structure of full length argonaute from pyrococcus furiosus
41	c1v57A_	Alignment	not modelled	16.5	26	PDB header: isomerase Chain: A: PDB Molecule: thiol:disulfide interchange protein dsbg; PDBTitle: crystal structure of the disulfide bond isomerase dsbg
42	c2jvfA_	Alignment	not modelled	15.4	9	PDB header: de novo protein Chain: A: PDB Molecule: de novo protein m7; PDBTitle: solution structure of m7, a computationally-designed2 artificial protein
43	d1q33a_	Alignment	not modelled	15.3	60	Fold: Nudix Superfamily: Nudix Family: MutT-like
44	c2bh7A_	Alignment	not modelled	14.4	26	PDB header: hydrolase Chain: A: PDB Molecule: n-acetylmuramoyl-l-alanine amidase; PDBTitle: crystal structure of a semet derivative of amid at 2.22 angstroms
45	d1gtma2	Alignment	not modelled	14.1	13	Fold: Aminoacid dehydrogenase-like, N-terminal domain Superfamily: Aminoacid dehydrogenase-like, N-terminal domain Family: Aminoacid dehydrogenases
46	c3lwaA_	Alignment	not modelled	13.9	21	PDB header: isomerase Chain: A: PDB Molecule: secreted thiol-disulfide isomerase; PDBTitle: the crystal structure of a secreted thiol-disulfide2 isomerase from corynebacterium glutamicum to 1.75a
47	c3h6nA_	Alignment	not modelled	13.7	14	PDB header: signaling protein Chain: A: PDB Molecule: plexin-d1; PDBTitle: crystal structure of the ubiquitin-like domain of plexin d1
48	d2f9wa2	Alignment	not modelled	13.5	50	Fold: Ribonuclease H-like motif Superfamily: Actin-like ATPase domain Family: CoaX-like
49	c2gjha_	Alignment	not modelled	13.1	18	PDB header: de novo protein Chain: A: PDB Molecule: designed protein; PDBTitle: nmr structure of cfr (c-terminal fragment of2 computationally designed novel-topology protein top7)
50	c2fmmE_	Alignment	not modelled	13.0	21	PDB header: transcription Chain: E: PDB Molecule: protein emsy; PDBTitle: crystal structure of emsy-hp1 complex
51	d1lfdA_	Alignment	not modelled	12.9	17	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ras-binding domain, RBD
52	d2fmme1	Alignment	not modelled	12.9	21	Fold: ENT-like Superfamily: ENT-like Family: Emsy N terminal (ENT) domain-like
53	d1vhfa_	Alignment	not modelled	12.8	11	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
54	d1t0ga_	Alignment	not modelled	12.7	39	Fold: Cytochrome b5-like heme/steroid binding domain Superfamily: Cytochrome b5-like heme/steroid binding domain Family: Steroid-binding domain
55	c1wnkA_	Alignment	not modelled	12.4	50	PDB header: transcription Chain: A: PDB Molecule: fibroin-modulator-binding-protein-1; PDBTitle: nmr structure of fmbp-1 tandem repeat 3 in 30%(v/v) tfe2 solution
						Fold: ENT-like

56	dluz3a1	Alignment	not modelled	12.3	21	Superfamily: ENT-like Family: Emsy N terminal (ENT) domain-like
57	dlknga	Alignment	not modelled	12.2	8	Fold: Thioredoxin fold Superfamily: Thioredoxin-like Family: Glutathione peroxidase-like
58	dlztpa1	Alignment	not modelled	12.0	16	Fold: eIF4e-like Superfamily: eIF4e-like Family: BLES03-like
59	c2jkzB	Alignment	not modelled	12.0	44	PDB header: transferase Chain: B: PDB Molecule: hypoxanthine-guanine phosphoribosyltransferase; PDBTitle: saccharomyces cerevisiae hypoxanthine-guanine2 phosphoribosyltransferase in complex with gmp (guanosine 5'3 - monophosphate) (orthorhombic crystal form)
60	dlp1la	Alignment	not modelled	11.5	32	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
61	dlyvua2	Alignment	not modelled	11.5	18	Fold: Ribonuclease H-like motif Superfamily: Ribonuclease H-like Family: PIWI domain
62	c2tmgD	Alignment	not modelled	11.4	18	PDB header: oxidoreductase Chain: D: PDB Molecule: protein (glutamate dehydrogenase); PDBTitle: thermotoga maritima glutamate dehydrogenase mutant s128r,2 t158e, n117r, s160e
63	d2bu3a1	Alignment	not modelled	11.2	26	Fold: Cysteine proteinases Superfamily: Cysteine proteinases Family: Phytochelatinsynthase
64	c2zfha	Alignment	not modelled	11.1	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: cuta; PDBTitle: crystal structure of putative cuta1 from homo sapiens at 2.05a2 resolution
65	c3kh0A	Alignment	not modelled	11.1	19	PDB header: signaling protein Chain: A: PDB Molecule: ral guanine nucleotide dissociation stimulator; PDBTitle: crystal structure of the ras-association (ra) domain of2 ralgds
66	c2zomC	Alignment	not modelled	11.0	26	PDB header: unknown function Chain: C: PDB Molecule: protein cuta, chloroplast, putative, expressed; PDBTitle: crystal structure of cuta1 from oryza sativa
67	dlah4a	Alignment	not modelled	11.0	12	Fold: TIM beta/alpha-barrel Superfamily: NAD(P)-linked oxidoreductase Family: Aldo-keto reductases (NADP)
68	clqysA	Alignment	not modelled	10.6	25	PDB header: de novo protein Chain: A: PDB Molecule: top7; PDBTitle: crystal structure of top7: a computationally designed2 protein with a novel fold
69	c2wl2B	Alignment	not modelled	10.6	18	PDB header: isomerase Chain: B: PDB Molecule: dna gyrase subunit a; PDBTitle: crystal structure of n-terminal domain of gyra with the2 antibiotic simocyclinone d8
70	d2bgxa2	Alignment	not modelled	10.5	26	Fold: N-acetylmuramoyl-L-alanine amidase-like Superfamily: N-acetylmuramoyl-L-alanine amidase-like Family: N-acetylmuramoyl-L-alanine amidase-like
71	dlnaqa	Alignment	not modelled	10.1	26	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
72	dlbf4a	Alignment	not modelled	10.0	48	Fold: SH3-like barrel Superfamily: Chromo domain-like Family: "Histone-like" proteins from archaea
73	dlrlfa	Alignment	not modelled	9.5	24	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ras-binding domain, RBD
74	dlnzaa	Alignment	not modelled	9.4	42	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
75	c2btwA	Alignment	not modelled	9.2	26	PDB header: transferase Chain: A: PDB Molecule: alr0975 protein; PDBTitle: crystal structure of alr0975
76	c3ag7A	Alignment	not modelled	9.0	35	PDB header: plant protein Chain: A: PDB Molecule: putative uncharacterized protein f9e10.5; PDBTitle: an auxilin-like j-domain containing protein, jac1 j-domain
77	d2rgfa	Alignment	not modelled	9.0	19	Fold: beta-Grasp (ubiquitin-like) Superfamily: Ubiquitin-like Family: Ras-binding domain, RBD
78	c2nuhA	Alignment	not modelled	8.9	21	PDB header: unknown function Chain: A: PDB Molecule: periplasmic divalent cation tolerance protein; PDBTitle: crystal structure of cuta from the phytopathgen bacterium xylella2 fastidiosa
79	c3gdeA	Alignment	not modelled	8.9	18	PDB header: ligase Chain: A: PDB Molecule: dna ligase; PDBTitle: the closed conformation of atp-dependent dna ligase from2 archaeoglobus fulgidus
80	d3c9fa1	Alignment	not modelled	8.8	16	Fold: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal domain Superfamily: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal domain Family: 5'-nucleotidase (syn. UDP-sugar hydrolase), C-terminal domain
81	c2kucA	Alignment	not modelled	8.7	12	PDB header: isomerase Chain: A: PDB Molecule: putative disulphide-isomerase;

81	c2kua_	Alignment	not modelled	8.7	13	PDBTitle: solution structure of a putative disulphide-isomerase from bacteroides2 thetaiotaomicron
82	d1osce_	Alignment	not modelled	8.7	26	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
83	c3b6nA_	Alignment	not modelled	8.7	22	PDB header: lyase Chain: A: PDB Molecule: 2-c-methyl-d-erythritol 2,4-cyclodiphosphate PDBTitle: crystal structure of 2c-methyl-d-erythritol 2,4-2 cyclodiphosphate synthase pv003920 from plasmodium vivax
84	c3lorB_	Alignment	not modelled	8.6	14	PDB header: isomerase Chain: B: PDB Molecule: thiol-disulfide isomerase and thioredoxins; PDBTitle: the crystal structure of a thiol-disulfide isomerase from2 corynebacterium glutamicum to 2.2a
85	d1j03a_	Alignment	not modelled	8.4	39	Fold: Cytochrome b5-like heme/steroid binding domain Superfamily: Cytochrome b5-like heme/steroid binding domain Family: Steroid-binding domain
86	d1hkoa_	Alignment	not modelled	8.4	36	Fold: Cytochrome b5-like heme/steroid binding domain Superfamily: Cytochrome b5-like heme/steroid binding domain Family: Cytochrome b5
87	d2zfha1	Alignment	not modelled	8.4	26	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
88	c1xk8A_	Alignment	not modelled	8.4	26	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: divalent cation tolerant protein cuta; PDBTitle: divalent cation tolerant protein cuta from homo sapiens2 o60888
89	d1ukua_	Alignment	not modelled	8.4	21	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
90	c2wnyB_	Alignment	not modelled	8.2	17	PDB header: unknown function Chain: B: PDB Molecule: conserved protein mth689; PDBTitle: structure of mth689, a duf54 protein from methanothermobacter2 thermautotrophicus
91	d1c9ka_	Alignment	not modelled	8.2	86	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
92	c3d4oA_	Alignment	not modelled	8.1	44	PDB header: oxidoreductase Chain: A: PDB Molecule: dipicolinate synthase subunit a; PDBTitle: crystal structure of dipicolinate synthase subunit a (np_243269.1)2 from bacillus halodurans at 2.10 a resolution
93	d1mhyd_	Alignment	not modelled	8.0	35	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like
94	d1vjpa1	Alignment	not modelled	7.9	19	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
95	c2hw2A_	Alignment	not modelled	7.9	18	PDB header: transferase Chain: A: PDB Molecule: rifampin adp-ribosyl transferase; PDBTitle: crystal structure of rifampin adp-ribosyl transferase in2 complex with rifampin
96	c3s5pA_	Alignment	not modelled	7.9	22	PDB header: isomerase Chain: A: PDB Molecule: ribose 5-phosphate isomerase; PDBTitle: crystal structure of ribose-5-phosphate isomerase b rpib from giardia2 lamblia
97	c3ga2A_	Alignment	not modelled	7.8	24	PDB header: hydrolase Chain: A: PDB Molecule: endonuclease v; PDBTitle: crystal structure of the endonuclease_v (bsu36170) from2 bacillus subtilis, northeast structural genomics3 consortium target sr624
98	d1kr4a_	Alignment	not modelled	7.8	11	Fold: Ferredoxin-like Superfamily: GlnB-like Family: Divalent ion tolerance proteins CutA (CutA1)
99	d1mtyd_	Alignment	not modelled	7.7	41	Fold: Ferritin-like Superfamily: Ferritin-like Family: Ribonucleotide reductase-like