


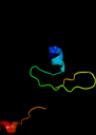

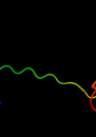

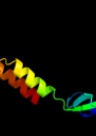











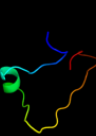




#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1mvfd_	 Alignment		95.1	12	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: Kis/PemI addiction antidote
2	d1ub4c_	 Alignment		89.1	16	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: Kis/PemI addiction antidote
3	c2hdeA_	 Alignment		59.1	23	PDB header: transcription Chain: A: PDB Molecule: histone deacetylase complex subunit sap18; PDBTitle: solution structure of human sap18
4	d2j0na1	 Alignment		46.2	20	Fold: lpaD-like Superfamily: lpaD-like Family: lpaD-like
5	d1w44a_	 Alignment		37.7	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: RecA protein-like (ATPase-domain)
6	c3mhxB_	 Alignment		37.4	18	PDB header: metal transport Chain: B: PDB Molecule: putative ferrous iron transport protein a; PDBTitle: crystal structure of stenotrophomonas maltophilia feoa complexed with2 zinc: a unique procaryotic sh3 domain protein possibly acting as a3 bacterial ferrous iron transport activating factor
7	d2dkya1	 Alignment		29.7	56	Fold: SAM domain-like Superfamily: SAM/Pointed domain Family: Variant SAM domain
8	c2jpiA_	 Alignment		28.6	9	PDB header: structural genomics Chain: A: PDB Molecule: hypothetical protein; PDBTitle: chemical shift assignments of pa4090 from pseudomonas2 aeruginosa
9	d1hn0a3	 Alignment		27.5	27	Fold: Hyaluronate lyase-like, C-terminal domain Superfamily: Hyaluronate lyase-like, C-terminal domain Family: Hyaluronate lyase-like, C-terminal domain
10	c2l66B_	 Alignment		27.1	23	PDB header: transcription regulator Chain: B: PDB Molecule: transcriptional regulator, abrb family; PDBTitle: the dna-recognition fold of sso7c4 suggests a new member of spovt-abrb2 superfamily from archaea.
11	d2h80a1	 Alignment		26.7	75	Fold: SAM domain-like Superfamily: SAM/Pointed domain Family: Variant SAM domain

12	c1rijA_	Alignment		26.1	44	PDB header: de novo protein Chain: A: PDB Molecule: e6apn1 peptide; PDBTitle: e6-bind trp-cage (e6apn1)
13	d1rqpa1	Alignment		25.7	14	Fold: Bacterial fluorinating enzyme, C-terminal domain Superfamily: Bacterial fluorinating enzyme, C-terminal domain Family: Bacterial fluorinating enzyme, C-terminal domain
14	d1je6a2	Alignment		24.9	15	Fold: MHC antigen-recognition domain Superfamily: MHC antigen-recognition domain Family: MHC antigen-recognition domain
15	d2h3ja1	Alignment		21.8	38	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
16	d1y8xb1	Alignment		20.2	27	Fold: Activating enzymes of the ubiquitin-like proteins Superfamily: Activating enzymes of the ubiquitin-like proteins Family: Ubiquitin activating enzymes (UBA)
17	c1o4za_	Alignment		20.0	25	PDB header: hydrolase Chain: A: PDB Molecule: beta-agarase b; PDBTitle: the three-dimensional structure of beta-agarase b from2 zobellia galactanivorans
18	d1o4za_	Alignment		20.0	25	Fold: Concanavalin A-like lectins/glucanases Superfamily: Concanavalin A-like lectins/glucanases Family: Glycosyl hydrolases family 16
19	d3frua2	Alignment		19.4	13	Fold: MHC antigen-recognition domain Superfamily: MHC antigen-recognition domain Family: MHC antigen-recognition domain
20	d2qdya1	Alignment		18.7	22	Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
21	c3d33B_	Alignment	not modelled	17.0	17	PDB header: unknown function Chain: B: PDB Molecule: domain of unknown function with an immunoglobulin-like PDBTitle: crystal structure of a duf3244 family protein with an immunoglobulin-2 like beta-sandwich fold (bvu_0276) from bacteroides vulgatus atcc3 8482 at 1.70 a resolution
22	c2k5lA_	Alignment	not modelled	16.7	12	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: feoa; PDBTitle: solution nmr structure of protein feoa from clostridium2 thermocellum, northeast structural genomics consortium3 target cmr17
23	d1qvpa_	Alignment	not modelled	16.5	26	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
24	c1x1aA_	Alignment	not modelled	16.4	22	PDB header: transferase Chain: A: PDB Molecule: crtf-related protein; PDBTitle: crystal structure of bchu complexed with s-adenosyl-l-methionine
25	c2im5C_	Alignment	not modelled	16.3	24	PDB header: transferase Chain: C: PDB Molecule: nicotinate phosphoribosyltransferase; PDBTitle: crystal structure of nicotinate phosphoribosyltransferase2 from porphyromonas gingivalis
26	d1vlfm1	Alignment	not modelled	16.0	23	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
27	c3os4A_	Alignment	not modelled	16.0	24	PDB header: transferase Chain: A: PDB Molecule: nicotinate phosphoribosyltransferase; PDBTitle: the crystal structure of nicotinate phosphoribosyltransferase from2 yersinia pestis
						PDB header: metal transport

28	c2k5fA_	Alignment	not modelled	15.3	18	Chain: A: PDB Molecule: ferrous iron transport protein a; PDBTitle: solution nmr structure of feoa protein from chlorobium2 tepidum. northeast structural genomics consortium target3 ctr121
29	d1yira2	Alignment	not modelled	15.3	17	Fold: alpha/beta-Hammerhead Superfamily: Nicotinate/Quinolinate PRTase N-terminal domain-like Family: Monomeric nicotinate phosphoribosyltransferase N-terminal domain-like
30	c2k4yA_	Alignment	not modelled	15.1	23	PDB header: metal transport Chain: A: PDB Molecule: feoa-like protein; PDBTitle: nmr structure of feoa-like protein from clostridium2 acetobutylicum: northeast structural genomics consortium3 target car178
31	d1fp2a2	Alignment	not modelled	15.0	15	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Plant O-methyltransferase, C-terminal domain
32	c3mczB_	Alignment	not modelled	14.8	28	PDB header: transferase Chain: B: PDB Molecule: o-methyltransferase; PDBTitle: the structure of an o-methyltransferase family protein from2 burkholderia thailandensis.
33	d1h0ha1	Alignment	not modelled	14.6	14	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
34	d1udxa3	Alignment	not modelled	14.5	36	Fold: Obg GTP-binding protein C-terminal domain Superfamily: Obg GTP-binding protein C-terminal domain Family: Obg GTP-binding protein C-terminal domain
35	d1dmra1	Alignment	not modelled	14.2	18	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
36	d1yfba1	Alignment	not modelled	14.0	26	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: AbrB N-terminal domain-like
37	d1s6la2	Alignment	not modelled	13.6	38	Fold: NosL/MerB-like Superfamily: NosL/MerB-like Family: MerB-like
38	c2rf4A_	Alignment	not modelled	13.5	21	PDB header: transferase Chain: A: PDB Molecule: dna-directed rna polymerase i subunit rpa4; PDBTitle: crystal structure of the rna polymerase i subcomplex a14/43
39	c3nrlB_	Alignment	not modelled	13.2	28	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein rumgna_01417; PDBTitle: crystal structure of protein rumgna_01417 from ruminococcus gnavus,2 northeast structural genomics consortium target ugr76
40	d2jioa1	Alignment	not modelled	12.8	16	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
41	c3pcsB_	Alignment	not modelled	12.6	22	PDB header: protein transport/transferase Chain: B: PDB Molecule: espg; PDBTitle: structure of espg-pak2 autoinhibitory ialpha3 helix complex
42	d1ok3a2	Alignment	not modelled	12.6	27	Fold: Complement control module/SCR domain Superfamily: Complement control module/SCR domain Family: Complement control module/SCR domain
43	c2klrA_	Alignment	not modelled	12.5	27	PDB header: chaperone Chain: A: PDB Molecule: alpha-crystallin b chain; PDBTitle: solid-state nmr structure of the alpha-crystallin domain in alphab-2 crystallin oligomers
44	c1qw1A_	Alignment	not modelled	12.1	25	PDB header: gene regulation Chain: A: PDB Molecule: diphtheria toxin repressor; PDBTitle: solution structure of the c-terminal domain of dbxr2 residues 110-226
45	d2fzva1	Alignment	not modelled	12.0	17	Fold: Flavodoxin-like Superfamily: Flavoproteins Family: NADPH-dependent FMN reductase
46	d2fy9a1	Alignment	not modelled	11.5	21	Fold: Double-split beta-barrel Superfamily: AbrB/MazE/MraZ-like Family: AbrB N-terminal domain-like
47	c2e5qA_	Alignment	not modelled	11.5	24	PDB header: transcription Chain: A: PDB Molecule: phd finger protein 19; PDBTitle: solution structure of the tudor domain of phd finger2 protein 19, isoform b [homo sapiens]
48	c2dxbR_	Alignment	not modelled	11.5	22	PDB header: hydrolase Chain: R: PDB Molecule: thiocyanate hydrolase subunit gamma; PDBTitle: recombinant thiocyanate hydrolase comprising partially-modified cobalt2 centers
49	d1kqfa1	Alignment	not modelled	11.5	22	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
50	c3lstB_	Alignment	not modelled	11.3	19	PDB header: transferase Chain: B: PDB Molecule: calo1 methyltransferase; PDBTitle: crystal structure of calo1, methyltransferase in calicheamicin2 biosynthesis, sah bound form
51	c3ocjA_	Alignment	not modelled	11.2	30	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative exported protein; PDBTitle: the crystal structure of a possibl exported protein from bordetella2 parapertussis
52	d1g8ka1	Alignment	not modelled	11.2	14	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
53	c3nybG_	Alignment	not modelled	11.0	22	PDB header: lyase Chain: G: PDB Molecule: co-type nitrile hydratase alpha subunit;

53	c3qynG	Alignment	not modelled	11.0	42	PDBTitle: crystal structure of co-type nitrile hydratase beta-h711 from2 pseudomonas putida. PDB header: transferase
54	c1fp2A	Alignment	not modelled	11.0	15	Chain: A: PDB Molecule: isoflavone o-methyltransferase; PDBTitle: crystal structure analysis of isoflavone o-methyltransferase
55	d1im8a	Alignment	not modelled	10.9	33	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Hypothetical protein HI0319 (YecO)
56	d1v29a	Alignment	not modelled	10.7	25	Fold: Nitrile hydratase alpha chain Superfamily: Nitrile hydratase alpha chain Family: Nitrile hydratase alpha chain
57	d1tmoa1	Alignment	not modelled	10.7	20	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
58	d2qdyb1	Alignment	not modelled	10.7	33	Fold: SH3-like barrel Superfamily: Electron transport accessory proteins Family: Nitrile hydratase beta chain
59	c2dxcG	Alignment	not modelled	10.6	40	PDB header: hydrolase Chain: G: PDB Molecule: thiocyanate hydrolase subunit alpha; PDBTitle: recombinant thiocyanate hydrolase, fully-matured form
60	d2nn6h1	Alignment	not modelled	10.5	26	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
61	d1eu1a1	Alignment	not modelled	10.5	24	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
62	d1qw1a1	Alignment	not modelled	10.4	24	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
63	c3pjyB	Alignment	not modelled	10.4	14	PDB header: transcription regulator Chain: B: PDB Molecule: hypothetical signal peptide protein; PDBTitle: crystal structure of a putative transcription regulator (r01717) from2 sinorhizobium meliloti 1021 at 1.55 a resolution
64	d2d9ra1	Alignment	not modelled	10.4	23	Fold: Double-split beta-barrel Superfamily: AF2212/PG0164-like Family: PG0164-like
65	d1y5ia1	Alignment	not modelled	10.2	21	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
66	d2gcxa1	Alignment	not modelled	10.1	29	Fold: SH3-like barrel Superfamily: C-terminal domain of transcriptional repressors Family: FeoA-like
67	d1kyza2	Alignment	not modelled	10.1	30	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Plant O-methyltransferase, C-terminal domain
68	c2pjhB	Alignment	not modelled	9.9	16	PDB header: transport protein Chain: B: PDB Molecule: transitional endoplasmic reticulum atpase; PDBTitle: strctural model of the p97 n domain- npl4 ubd complex
69	d1o4ya	Alignment	not modelled	9.9	15	Fold: Concanavalin A-like lectins/glucanases Superfamily: Concanavalin A-like lectins/glucanases Family: Glycosyl hydrolases family 16
70	d1qzza2	Alignment	not modelled	9.8	14	Fold: S-adenosyl-L-methionine-dependent methyltransferases Superfamily: S-adenosyl-L-methionine-dependent methyltransferases Family: Plant O-methyltransferase, C-terminal domain
71	d2iv2x1	Alignment	not modelled	9.8	18	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Formate dehydrogenase/DMSO reductase, C-terminal domain
72	c2yqsA	Alignment	not modelled	9.4	20	PDB header: transferase Chain: A: PDB Molecule: udp-n-acetylglucosamine pyrophosphorylase; PDBTitle: crystal structure of uridine-diphospho-n-acetylglucosamine2 pyrophosphorylase from candida albicans, in the product-binding form
73	d1b35b	Alignment	not modelled	9.3	22	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Positive stranded ssRNA viruses Family: Picornaviridae-like VP (VP1, VP2, VP3 and VP4)
74	c2wy3C	Alignment	not modelled	9.2	15	PDB header: immune system/viral protein Chain: C: PDB Molecule: mhc class i polypeptide-related sequence b; PDBTitle: structure of the hcmv ul16-micb complex elucidates select2 binding of a viral immunoevasin to diverse nkg2d ligands
75	d2pbza2	Alignment	not modelled	9.2	42	Fold: ATP-grasp Superfamily: Glutathione synthetase ATP-binding domain-like Family: PurP ATP-binding domain-like
76	d2ffsa1	Alignment	not modelled	9.1	10	Fold: TBP-like Superfamily: Bet v1-like Family: PA1206-like
77	c2zbc	Alignment	not modelled	9.0	11	PDB header: structural genomics, unknown function Chain: C: PDB Molecule: uncharacterized conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein from thermotoga2 maritima
78	d1vqqo1	Alignment	not modelled	8.8	29	Fold: SH3-like barrel Superfamily: Translation proteins SH3-like domain Family: Ribosomal proteins L24p and L21e
						PDB header: transferase

79	c3dh0B_	Alignment	not modelled	8.4	44	Chain: B: PDB Molecule: sam dependent methyltransferase; PDBTitle: crystal structure of a sam dependent methyltransferase from2 aquifex aeolicus
80	d3bzka4	Alignment	not modelled	8.3	31	Fold: OB-fold Superfamily: Nucleic acid-binding proteins Family: Cold shock DNA-binding domain-like
81	c1ezaA_	Alignment	not modelled	8.2	8	PDB header: phosphotransferase Chain: A: PDB Molecule: enzyme i; PDBTitle: amino terminal domain of enzyme i from escherichia coli nmr,2 restrained regularized mean structure
82	c2zkrq_	Alignment	not modelled	8.2	38	PDB header: ribosomal protein/rna Chain: Q: PDB Molecule: rna expansion segment es31 part ii; PDBTitle: structure of a mammalian ribosomal 60s subunit within an2 80s complex obtained by docking homology models of the rna3 and proteins into an 8.7 a cryo-em map
83	c3q9qB_	Alignment	not modelled	8.2	24	PDB header: chaperone Chain: B: PDB Molecule: heat shock protein beta-1; PDBTitle: hspb1 fragment second crystal form
84	c2kieA_	Alignment	not modelled	8.2	22	PDB header: hydrolase Chain: A: PDB Molecule: inositol polyphosphate 5-phosphatase ocr1-1; PDBTitle: a ph domain within ocr1 bridges clathrin mediated membrane2 trafficking to phosphoinositide metabolis
85	c2r7mA_	Alignment	not modelled	8.0	38	PDB header: ligase Chain: A: PDB Molecule: 5-formaminoimidazole-4-carboxamide-1-(beta)-d- PDBTitle: crystal structure of faicar synthetase (purp) from m.2 jannaschii complexed with amp
86	c3nngA_	Alignment	not modelled	7.8	26	PDB header: viral protein Chain: A: PDB Molecule: n-terminal domain of moloney murine leukemia virus PDBTitle: crystal structure of the n-terminal domain of moloney murine leukemia2 virus integrase, northeast structural genomics consortium target or3
87	c3p9kD_	Alignment	not modelled	7.7	30	PDB header: transferase Chain: D: PDB Molecule: caffeic acid o-methyltransferase; PDBTitle: crystal structure of perennial ryegrass lpomt1 complexed with s-2 adenosyl-l-homocysteine and coniferaldehyde
88	d2jb0b1	Alignment	not modelled	7.6	35	Fold: His-Me finger endonucleases Superfamily: His-Me finger endonucleases Family: HNH-motif
89	c2vkCA_	Alignment	not modelled	7.6	19	PDB header: hydrolase Chain: A: PDB Molecule: nedd4-binding protein 2; PDBTitle: solution structure of the b3bp smr domain
90	d2pwwa1	Alignment	not modelled	7.6	18	Fold: TBP-like Superfamily: YugN-like Family: YugN-like
91	c3ilfA_	Alignment	not modelled	7.4	23	PDB header: hydrolase/carbohydrate Chain: A: PDB Molecule: porphyranase a; PDBTitle: crystal structure of porphyranase a (pora) in complex with2 neo-porphyratetraose
92	d1zt1a2	Alignment	not modelled	7.4	23	Fold: MHC antigen-recognition domain Superfamily: MHC antigen-recognition domain Family: MHC antigen-recognition domain
93	c3tiXB_	Alignment	not modelled	7.3	24	PDB header: gene regulation/protein binding Chain: B: PDB Molecule: chromo domain-containing protein 1; PDBTitle: crystal structure of the chp1-tas3 complex core
94	c2zxeB_	Alignment	not modelled	7.3	42	PDB header: hydrolase/transport protein Chain: B: PDB Molecule: na+,k+-atpase beta subunit; PDBTitle: crystal structure of the sodium - potassium pump in the e2.2k+ .pi2 state
95	c3k7cC_	Alignment	not modelled	7.2	19	PDB header: protein binding Chain: C: PDB Molecule: putative ntf2-like transpeptidase; PDBTitle: crystal structure of putative ntf2-like transpeptidase (np_281412.1)2 from campylobacter jejuni at 2.00 a resolution
96	d1cz5a1	Alignment	not modelled	7.2	19	Fold: Double psi beta-barrel Superfamily: ADC-like Family: Cdc48 N-terminal domain-like
97	c2r5xA_	Alignment	not modelled	7.1	27	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized conserved protein; PDBTitle: crystal structure of uncharacterized conserved protein yugn from2 geobacillus kaustophilus hta426
98	c3u02C_	Alignment	not modelled	7.0	4	PDB header: transcription Chain: C: PDB Molecule: putative transcription-associated protein tfiis; PDBTitle: crystal structure of the trna modifier tias from pyrococcus furiosus,2 northeast structural genomics consortium target pfr225
99	c2c45F_	Alignment	not modelled	6.9	19	PDB header: lyase Chain: F: PDB Molecule: aspartate 1-decarboxylase precursor; PDBTitle: native precursor of pyruvoyl dependent aspartate2 decarboxylase