

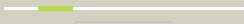
















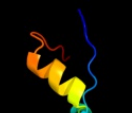

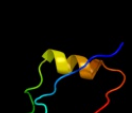


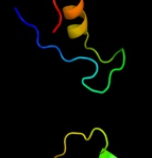
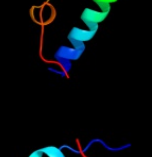
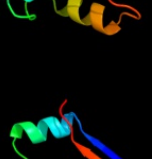
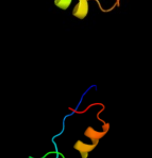
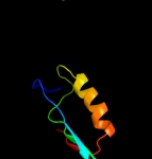
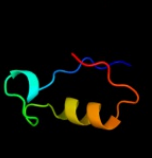
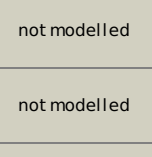


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2g5gx1</a>	 Alignment		94.9	12	<b>Fold:</b> EreA/ChaN-like <b>Superfamily:</b> EreA/ChaN-like <b>Family:</b> ChaN-like
2	<a href="#">c3ndcB_</a>	 Alignment		61.1	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> precorrin-4 c(11)-methyltransferase; <b>PDBTitle:</b> crystal structure of precorrin-4 c11-methyltransferase from2 rhodobacter capsulatus
3	<a href="#">c3hh1D_</a>	 Alignment		59.7	15	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> tetrapyrrole methylase family protein; <b>PDBTitle:</b> the structure of a tetrapyrrole methylase family protein domain from2 chlorobium tepidum t1s
4	<a href="#">c2nnpA_</a>	 Alignment		51.6	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative cobalamin synthesis related protein; <b>PDBTitle:</b> crystal structure of putative cobalamin synthesis related protein2 (cobf) from corynebacterium diphtheriae
5	<a href="#">c3nd1B_</a>	 Alignment		45.3	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> precorrin-6a synthase/cobf protein; <b>PDBTitle:</b> crystal structure of precorrin-6a synthase from rhodobacter capsulatus
6	<a href="#">d1cbfa_</a>	 Alignment		37.8	24	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
7	<a href="#">c1cbfA_</a>	 Alignment		37.8	24	<b>PDB header:</b> methyltransferase <b>Chain:</b> A: <b>PDB Molecule:</b> cobalt-precorrin-4 transmethyase; <b>PDBTitle:</b> the x-ray structure of a cobalamin biosynthetic enzyme, cobalt2 precorrin-4 methyltransferase, cbif
8	<a href="#">d1piqa2</a>	 Alignment		36.9	26	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
9	<a href="#">d1wyza1</a>	 Alignment		36.7	16	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
10	<a href="#">c2qbuA_</a>	 Alignment		34.7	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> precorrin-2 methyltransferase; <b>PDBTitle:</b> crystal structure of methanothermobacter thermautotrophicus cbil
11	<a href="#">c2e0kA_</a>	 Alignment		34.2	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> precorrin-2 c20-methyltransferase; <b>PDBTitle:</b> crystal structure of cbil, a methyltransferase involved in anaerobic2 vitamin b12 biosynthesis

12	<a href="#">c3kwpA</a>	Alignment		32.9	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> predicted methyltransferase; <b>PDBTitle:</b> crystal structure of putative methyltransferase from lactobacillus2 brevis
13	<a href="#">d1va0a1</a>	Alignment		32.8	25	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
14	<a href="#">c2yboA</a>	Alignment		29.9	27	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> methyltransferase; <b>PDBTitle:</b> the x-ray structure of the sam-dependent uroporphyrinogen2 iii methyltransferase nire from pseudomonas aeruginosa in3 complex with sah
15	<a href="#">d2ebfx2</a>	Alignment		29.8	10	<b>Fold:</b> EreA/ChaN-like <b>Superfamily:</b> EreA/ChaN-like <b>Family:</b> PMT domain-like
16	<a href="#">d1vhva</a>	Alignment		27.5	26	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
17	<a href="#">d1zbsa2</a>	Alignment		27.0	21	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> BadF/BadG/BcrA/BcrD-like
18	<a href="#">c2bb3B</a>	Alignment		25.5	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> cobalamin biosynthesis precorrin-6y methylase (cbie); <b>PDBTitle:</b> crystal structure of cobalamin biosynthesis precorrin-6y methylase2 (cbie) from archaeoglobus fulgidus
19	<a href="#">d2az4a1</a>	Alignment		22.5	12	<b>Fold:</b> Metallo-hydrolase/oxidoreductase <b>Superfamily:</b> Metallo-hydrolase/oxidoreductase <b>Family:</b> beta-CASP RNA-metabolising hydrolases
20	<a href="#">d1s4da</a>	Alignment		20.8	25	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
21	<a href="#">d1vqqa1</a>	Alignment	not modelled	19.7	9	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> Penicillin binding protein 2a (PBP2A), N-terminal domain
22	<a href="#">d1wdea</a>	Alignment	not modelled	19.7	23	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
23	<a href="#">d1ve2a1</a>	Alignment	not modelled	19.6	23	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
24	<a href="#">c1mwuA</a>	Alignment	not modelled	17.9	8	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> penicillin-binding protein 2a; <b>PDBTitle:</b> structure of methicillin acyl-penicillin binding protein 2a2 from methicillin resistant staphylococcus aureus strain3 27r at 2.60 a resolution.
25	<a href="#">c2ad5B</a>	Alignment	not modelled	17.7	20	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> ctp synthase; <b>PDBTitle:</b> mechanisms of feedback regulation and drug resistance of ctp2 synthetases: structure of the e. coli ctps/ctp complex at 2.8-3 angstrom resolution.
26	<a href="#">d1ylqa1</a>	Alignment	not modelled	17.5	30	<b>Fold:</b> Nucleotidyltransferase <b>Superfamily:</b> Nucleotidyltransferase <b>Family:</b> Catalytic subunit of bi-partite nucleotidyltransferase
27	<a href="#">c2vt2A</a>	Alignment	not modelled	17.4	17	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> redox-sensing transcriptional repressor rex; <b>PDBTitle:</b> structure and functional properties of the bacillus2 subtilis transcriptional repressor rex
28	<a href="#">c2fr1A</a>	Alignment	not modelled	16.7	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> erythromycin synthase, eryai; <b>PDBTitle:</b> the first ketoreductase of the erythromycin synthase2

					(crystal form 2)
29	<a href="#">d2fxta1</a>	Alignment	not modelled	16.7	0 <b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> TIM44-like
30	<a href="#">d2cw9a1</a>	Alignment	not modelled	16.6	2 <b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> TIM44-like
31	<a href="#">d2i7xa1</a>	Alignment	not modelled	15.8	3 <b>Fold:</b> Metallo-hydrolase/oxidoreductase <b>Superfamily:</b> Metallo-hydrolase/oxidoreductase <b>Family:</b> beta-CASP RNA-metabolising hydrolases
32	<a href="#">c2i7xA_</a>	Alignment	not modelled	15.8	3 <b>PDB header:</b> rna binding protein, protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> protein cft2; <b>PDBTitle:</b> structure of yeast cpsf-100 (ydh1p)
33	<a href="#">d1ybha3</a>	Alignment	not modelled	14.6	13 <b>Fold:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Superfamily:</b> Thiamin diphosphate-binding fold (THDP-binding) <b>Family:</b> Pyruvate oxidase and decarboxylase PP module
34	<a href="#">d1s1ma2</a>	Alignment	not modelled	14.4	20 <b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
35	<a href="#">d2dkfa1</a>	Alignment	not modelled	13.5	20 <b>Fold:</b> Metallo-hydrolase/oxidoreductase <b>Superfamily:</b> Metallo-hydrolase/oxidoreductase <b>Family:</b> beta-CASP RNA-metabolising hydrolases
36	<a href="#">d2deka1</a>	Alignment	not modelled	13.0	26 <b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
37	<a href="#">c2z5lA_</a>	Alignment	not modelled	12.9	18 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> tylactone synthase starter module and modules 1 <b>PDBTitle:</b> the first ketoreductase of the tylosin pks
38	<a href="#">d1m6ia2</a>	Alignment	not modelled	12.6	13 <b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> FAD/NAD-linked reductases, N-terminal and central domains
39	<a href="#">c3nutC_</a>	Alignment	not modelled	12.6	13 <b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> precocorrin-3 methylase; <b>PDBTitle:</b> crystal structure of the methyltransferase cobj
40	<a href="#">d2ewca1</a>	Alignment	not modelled	12.4	16 <b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> YjgF-like <b>Family:</b> YjgF/L-PSP
41	<a href="#">c2zvba_</a>	Alignment	not modelled	12.3	33 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> precocorrin-3 c17-methyltransferase; <b>PDBTitle:</b> crystal structure of tt0207 from thermus thermophilus hb8
42	<a href="#">c3jz0B_</a>	Alignment	not modelled	11.9	18 <b>PDB header:</b> transferase/antibiotic <b>Chain:</b> B: <b>PDB Molecule:</b> lincosamide nucleotidyltransferase; <b>PDBTitle:</b> linb complexed with clindamycin and ampcpp
43	<a href="#">c3mjsA_</a>	Alignment	not modelled	11.5	20 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> amphb; <b>PDBTitle:</b> structure of a-type ketoreductases from modular polyketide synthase
44	<a href="#">c1kbwA_</a>	Alignment	not modelled	11.2	13 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> major outer membrane protein pan 1; <b>PDBTitle:</b> crystal structure of the soluble domain of ania from2 neisseria gonorrhoeae
45	<a href="#">c3qk9B_</a>	Alignment	not modelled	11.1	3 <b>PDB header:</b> protein transport <b>Chain:</b> B: <b>PDB Molecule:</b> mitochondrial import inner membrane translocase subunit <b>PDBTitle:</b> yeast tim44 c-terminal domain complexed with cymal-3
46	<a href="#">c3i4tA_</a>	Alignment	not modelled	10.4	26 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> diphthine synthase; <b>PDBTitle:</b> crystal structure of putative diphthine synthase from2 entamoeba histolytica
47	<a href="#">c2xagA_</a>	Alignment	not modelled	9.5	17 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific histone demethylase 1; <b>PDBTitle:</b> crystal structure of lsd1-corest in complex with para-bromo-2 (-)-trans-2-phenylcyclopropyl-1-amine
48	<a href="#">c2v1dA_</a>	Alignment	not modelled	9.5	17 <b>PDB header:</b> oxidoreductase/repressor <b>Chain:</b> A: <b>PDB Molecule:</b> lysine-specific histone demethylase 1; <b>PDBTitle:</b> structural basis of lsd1-corest selectivity in histone h32 recognition
49	<a href="#">c1pjtb_</a>	Alignment	not modelled	8.9	27 <b>PDB header:</b> transferase/oxidoreductase/lyase <b>Chain:</b> B: <b>PDB Molecule:</b> siroheme synthase; <b>PDBTitle:</b> the structure of the ser128ala point-mutant variant of cysg,2 the multifunctional3 methyltransferase/dehydrogenase/ferrochelatase for4 siroheme synthesis
50	<a href="#">d2cxaa1</a>	Alignment	not modelled	8.3	21 <b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> LFTR-like
51	<a href="#">c2cxaA_</a>	Alignment	not modelled	8.3	21 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> leucyl/phenylalanyl-trna-protein transferase; <b>PDBTitle:</b> crystal structure of leucyl/phenylalanyl-trna protein2 transferase from escherichia coli
52	<a href="#">d1ohpa1</a>	Alignment	not modelled	8.2	3 <b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> Ketosteroid isomerase-like
53	<a href="#">c2q7xA_</a>	Alignment	not modelled	8.1	4 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> upf0052 protein sp_1565; <b>PDBTitle:</b> crystal structure of a putative phospho transferase (sp_1565) from2 streptococcus pneumoniae tigr4 at 2.00 a resolution
					<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases

54	<a href="#">d1vcoa2</a>	Alignment	not modelled	7.6	18	<b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nitrogenase iron protein-like
55	<a href="#">d1h6la</a>	Alignment	not modelled	7.5	28	<b>Fold:</b> 6-bladed beta-propeller <b>Superfamily:</b> Thermostable phytase (3-phytase) <b>Family:</b> Thermostable phytase (3-phytase)
56	<a href="#">c3d64A</a>	Alignment	not modelled	7.3	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> adenosylhomocysteinase; <b>PDBTitle:</b> crystal structure of s-adenosyl-l-homocysteine hydrolase from <i>Moraxella pseudomallei</i>
57	<a href="#">d2k54a1</a>	Alignment	not modelled	7.3	4	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> Atu0742-like
58	<a href="#">d2bb3a1</a>	Alignment	not modelled	6.6	18	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
59	<a href="#">d2cpga</a>	Alignment	not modelled	6.6	43	<b>Fold:</b> Ribbon-helix-helix <b>Superfamily:</b> Ribbon-helix-helix <b>Family:</b> CopG-like
60	<a href="#">d2ok5a4</a>	Alignment	not modelled	6.2	27	<b>Fold:</b> Complement control module/SCR domain <b>Superfamily:</b> Complement control module/SCR domain <b>Family:</b> Complement control module/SCR domain
61	<a href="#">d2jfga1</a>	Alignment	not modelled	6.2	13	<b>Fold:</b> MurCD N-terminal domain <b>Superfamily:</b> MurCD N-terminal domain <b>Family:</b> MurCD N-terminal domain
62	<a href="#">d1wm1a</a>	Alignment	not modelled	6.1	27	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Proline iminopeptidase-like
63	<a href="#">d2o0qa1</a>	Alignment	not modelled	6.1	15	<b>Fold:</b> ADP-ribosylation <b>Superfamily:</b> ADP-ribosylation <b>Family:</b> CC0527-like
64	<a href="#">c2w8iG</a>	Alignment	not modelled	6.0	10	<b>PDB header:</b> membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> putative outer membrane lipoprotein wza; <b>PDBTitle:</b> crystal structure of wza24-345.
65	<a href="#">d2i7ta1</a>	Alignment	not modelled	6.0	18	<b>Fold:</b> Metallo-hydrolase/oxidoreductase <b>Superfamily:</b> Metallo-hydrolase/oxidoreductase <b>Family:</b> beta-CASP RNA-metabolising hydrolases
66	<a href="#">c3fh1A</a>	Alignment	not modelled	6.0	7	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized ntf2-like protein; <b>PDBTitle:</b> crystal structure of a ntf2-like protein of unknown function (ml18193)2 from <i>Mesorhizobium loti</i> at 1.60 a resolution
67	<a href="#">c3f8hA</a>	Alignment	not modelled	5.9	3	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative polyketide cyclase; <b>PDBTitle:</b> crystal structure of a putative polyketide cyclase (tm1040_3560) from <i>Silicibacter sp.</i> tm1040 at 2.00 a resolution
68	<a href="#">c3g5wC</a>	Alignment	not modelled	5.8	19	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> multicopper oxidase type 1; <b>PDBTitle:</b> crystal structure of blue copper oxidase from <i>Nitrosomonas europaea</i>
69	<a href="#">d1no5a</a>	Alignment	not modelled	5.8	20	<b>Fold:</b> Nucleotidyltransferase <b>Superfamily:</b> Nucleotidyltransferase <b>Family:</b> Catalytic subunit of bi-partite nucleotidyltransferase
70	<a href="#">c2dbqA</a>	Alignment	not modelled	5.7	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glyoxylate reductase; <b>PDBTitle:</b> crystal structure of glyoxylate reductase (ph0597) from <i>Pyrococcus horikoshii</i> ot3, complexed with nadp (i41)
71	<a href="#">c3evtA</a>	Alignment	not modelled	5.7	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoglycerate dehydrogenase; <b>PDBTitle:</b> crystal structure of phosphoglycerate dehydrogenase from <i>Lactobacillus plantarum</i>
72	<a href="#">d3b55a1</a>	Alignment	not modelled	5.7	10	<b>Fold:</b> EreA/ChaN-like <b>Superfamily:</b> EreA/ChaN-like <b>Family:</b> EreA-like
73	<a href="#">c3ff2A</a>	Alignment	not modelled	5.6	4	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized cystatin fold protein (yp_497570.1) from <b>PDBTitle:</b> crystal structure of an uncharacterized cystatin fold protein2 (saro_2299) from <i>Novosphingobium aromaticivorans</i> dsm at 1.90 a3 resolution
74	<a href="#">c2yxwB</a>	Alignment	not modelled	5.6	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> blue copper oxidase cueo; <b>PDBTitle:</b> the deletion mutant of multicopper oxidase cueo
75	<a href="#">d2f99a1</a>	Alignment	not modelled	5.5	5	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> SnoA-like polyketide cyclase
76	<a href="#">d2ffea1</a>	Alignment	not modelled	5.5	10	<b>Fold:</b> CofD-like <b>Superfamily:</b> CofD-like <b>Family:</b> CofD-like
77	<a href="#">d1z1sa1</a>	Alignment	not modelled	5.4	7	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> PhzA/PhzB-like
78	<a href="#">c2zwnA</a>	Alignment	not modelled	5.3	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> two-domain type laccase; <b>PDBTitle:</b> crystal structure of the novel two-domain type laccase from a2 metagenome
79	<a href="#">d1t6aa</a>	Alignment	not modelled	5.3	13	<b>Fold:</b> TBP-like <b>Superfamily:</b> Rbstp2229 protein <b>Family:</b> Rbstp2229 protein
80	<a href="#">d3ec9a1</a>	Alignment	not modelled	5.3	7	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> PhzA/PhzB-like

81	<a href="#">c2j58G_</a>	<div><div></div><div>Alignment</div><div></div></div>	not modelled	5.1	11	<b>PDB header:</b> membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> outer membrane lipoprotein wza; <b>PDBTitle:</b> the structure of wza
82	<a href="#">d2bnga1</a>	<div><div></div><div>Alignment</div><div></div></div>	not modelled	5.1	13	<b>Fold:</b> Cystatin-like <b>Superfamily:</b> NTF2-like <b>Family:</b> Limonene-1,2-epoxide hydrolase-like