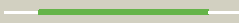







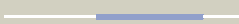






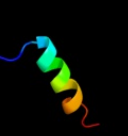








#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3qd7X_</a>	 Alignment		51.9	14	<b>PDB header:</b> hydrolase <b>Chain:</b> X: <b>PDB Molecule:</b> uncharacterized protein ydal; <b>PDBTitle:</b> crystal structure of ydal, a stand-alone small muts-related protein2 from escherichia coli
2	<a href="#">c2kvoA_</a>	 Alignment		34.1	18	<b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> photosystem ii reaction center psb28 protein; <b>PDBTitle:</b> solution nmr structure of photosystem ii reaction center psb28 protein2 from synechocystis sp.(strain pcc 6803), northeast structural3 genomics consortium target sgr171
3	<a href="#">d1o0sa2</a>	 Alignment		24.6	16	<b>Fold:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Superfamily:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Family:</b> Malic enzyme N-domain
4	<a href="#">c3h11A_</a>	 Alignment		22.8	21	<b>PDB header:</b> apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> casp8 and fadd-like apoptosis regulator; <b>PDBTitle:</b> zymogen caspase-8:c-flipl protease domain complex
5	<a href="#">d1nd9a_</a>	 Alignment		22.0	18	<b>Fold:</b> Putative DNA-binding domain <b>Superfamily:</b> Putative DNA-binding domain <b>Family:</b> N-terminal subdomain of bacterial translation initiation factor IF2
6	<a href="#">d1kkha2</a>	 Alignment		21.7	22	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> Mevalonate kinase
7	<a href="#">d1pj3a2</a>	 Alignment		20.6	24	<b>Fold:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Superfamily:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Family:</b> Malic enzyme N-domain
8	<a href="#">c3q6iA_</a>	 Alignment		18.1	33	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative outer membrane protein, part of carbohydrate <b>PDBTitle:</b> crystal structure of an outer membrane protein, part of a putative2 carbohydrate binding complex (bt_1022) from bacteroides3 thetaiotaomicron vpi-5482 at 1.93 a resolution
9	<a href="#">d1gq2a2</a>	 Alignment		17.8	24	<b>Fold:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Superfamily:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Family:</b> Malic enzyme N-domain
10	<a href="#">d1m72a_</a>	 Alignment		17.6	30	<b>Fold:</b> Caspase-like <b>Superfamily:</b> Caspase-like <b>Family:</b> Caspase catalytic domain
11	<a href="#">c2kjaA_</a>	 Alignment		17.5	10	<b>PDB header:</b> ribosomal protein <b>Chain:</b> A: <b>PDB Molecule:</b> 30s ribosomal protein s6; <b>PDBTitle:</b> solution structure and backbone dynamics of the permutant2 p54-55

12	<a href="#">c2nn3D_</a>	Alignment		17.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> caspase-1; <b>PDBTitle:</b> structure of pro-sf-caspase-1
13	<a href="#">d1yg2a_</a>	Alignment		17.3	19	<b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> PadR-like
14	<a href="#">d1v33a_</a>	Alignment		17.1	10	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
15	<a href="#">c1kmcB_</a>	Alignment		16.8	18	<b>PDB header:</b> apoptosis/hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> caspase-7; <b>PDBTitle:</b> crystal structure of the caspase-7 / xiap-bir2 complex
16	<a href="#">c2wzpR_</a>	Alignment		16.4	20	<b>PDB header:</b> viral protein <b>Chain:</b> R: <b>PDB Molecule:</b> lactococcal phage p2 orf16; <b>PDBTitle:</b> structures of lactococcal phage p2 baseplate shed light on2 a novel mechanism of host attachment and activation in3 siphoviridae
17	<a href="#">c1o0sB_</a>	Alignment		16.2	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nad-dependent malic enzyme; <b>PDBTitle:</b> crystal structure of ascaris suum malic enzyme complexed with nadh
18	<a href="#">d2fsqa1</a>	Alignment		15.8	8	<b>Fold:</b> LigT-like <b>Superfamily:</b> LigT-like <b>Family:</b> Atu0111-like
19	<a href="#">c2zqeA_</a>	Alignment		15.3	10	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> muts2 protein; <b>PDBTitle:</b> crystal structure of the smr domain of thermus thermophilus muts2
20	<a href="#">d1tlea2</a>	Alignment		15.0	25	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Protease propeptides/inhibitors <b>Family:</b> Subtilase propeptides/inhibitors
21	<a href="#">c2fp3A_</a>	Alignment	not modelled	13.3	26	<b>PDB header:</b> hydrolysis/apoptosis <b>Chain:</b> A: <b>PDB Molecule:</b> caspase nc; <b>PDBTitle:</b> crystal structure of the drosophila initiator caspase dronc
22	<a href="#">d1e1oa2</a>	Alignment	not modelled	13.0	10	<b>Fold:</b> Class II aaRS and biotin synthetases <b>Superfamily:</b> Class II aaRS and biotin synthetases <b>Family:</b> Class II aminoacyl-tRNA synthetase (aaRS)-like, catalytic domain
23	<a href="#">d1k47a2</a>	Alignment	not modelled	12.6	11	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> GHMP Kinase, C-terminal domain <b>Family:</b> Phosphomevalonate kinase (PMK)
24	<a href="#">d1iyjb3</a>	Alignment	not modelled	10.8	57	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
25	<a href="#">d1j9ia_</a>	Alignment	not modelled	10.8	26	<b>Fold:</b> Putative DNA-binding domain <b>Superfamily:</b> Putative DNA-binding domain <b>Family:</b> Terminase gpNU1 subunit domain
26	<a href="#">c2wdpA_</a>	Alignment	not modelled	10.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> caspase-6; <b>PDBTitle:</b> crystal structure of ligand free human caspase-6
27	<a href="#">d1g71a_</a>	Alignment	not modelled	10.8	11	<b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
28	<a href="#">d1miua3</a>	Alignment	not modelled	10.6	57	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Single strand DNA-binding domain, SSB
29	<a href="#">c2aw5A_</a>	Alignment	not modelled	10.5	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nadp-dependent malic enzyme;

					<b>PDBTitle:</b> crystal structure of a human malic enzyme
30	<a href="#">c1gz3B_</a>	Alignment	not modelled	10.5	24 <b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nad-dependent malic enzyme; <b>PDBTitle:</b> molecular mechanism for the regulation of human mitochondrial2 nad(p)+-dependent malic enzyme by atp and fumarate
31	<a href="#">c1qr6A_</a>	Alignment	not modelled	10.2	24 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> malic enzyme 2; <b>PDBTitle:</b> human mitochondrial nad(p)-dependent malic enzyme
32	<a href="#">d2cxaa1</a>	Alignment	not modelled	9.3	13 <b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> LFTR-like
33	<a href="#">c2cxaA_</a>	Alignment	not modelled	9.3	13 <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
34	<a href="#">c2kl5A_</a>	Alignment	not modelled	9.3	17 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein yutd; <b>PDBTitle:</b> solution nmr structure of protein yutd from b.subtilis, northeast2 structural genomics consortium target sr232
35	<a href="#">c2hqrA_</a>	Alignment	not modelled	9.2	20 <b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative transcriptional regulator; <b>PDBTitle:</b> structure of a atypical orphan response regulator protein revealed a2 new phosphorylation-independent regulatory mechanism
36	<a href="#">c2ns6A_</a>	Alignment	not modelled	9.0	16 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> mobilization protein a; <b>PDBTitle:</b> crystal structure of the minimal relaxase domain of moba2 from plasmid r1162
37	<a href="#">d1jmx1</a>	Alignment	not modelled	9.0	13 <b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinohemoprotein amine dehydrogenase A chain, domains 1 and 2
38	<a href="#">c3e4cB_</a>	Alignment	not modelled	9.0	21 <b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> caspase-1; <b>PDBTitle:</b> procaspase-1 zymogen domain crystal strucutre
39	<a href="#">c3f5bA_</a>	Alignment	not modelled	8.8	10 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> aminoglycoside n(6')acetyltransferase; <b>PDBTitle:</b> the crystal structure of aminoglycoside n(6')acetyltransferase from2 legionella pneumophila subsp. pneumophila str. philadelphia 1.
40	<a href="#">c3ew8A_</a>	Alignment	not modelled	8.4	16 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> histone deacetylase 8; <b>PDBTitle:</b> crystal structure analysis of human hdac8 d101l variant
41	<a href="#">c3mjhD_</a>	Alignment	not modelled	8.4	50 <b>PDB header:</b> protein transport <b>Chain:</b> D: <b>PDB Molecule:</b> early endosome antigen 1; <b>PDBTitle:</b> crystal structure of human rab5a in complex with the c2h2 zinc finger2 of eea1
42	<a href="#">d1pbya1</a>	Alignment	not modelled	8.2	19 <b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> Quinohemoprotein amine dehydrogenase A chain, domains 1 and 2
43	<a href="#">c3fo8D_</a>	Alignment	not modelled	8.2	20 <b>PDB header:</b> viral protein <b>Chain:</b> D: <b>PDB Molecule:</b> tail sheath protein gp18; <b>PDBTitle:</b> crystal structure of the bacteriophage t4 tail sheath2 protein, protease resistant fragment gp18pr
44	<a href="#">c3k1tA_</a>	Alignment	not modelled	8.0	27 <b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate--cysteine ligase gsha; <b>PDBTitle:</b> crystal structure of putative gamma-glutamylcysteine synthetase2 (yp_546622.1) from methylobacillus flagellatus kt at 1.90 a3 resolution
45	<a href="#">c2hbzA_</a>	Alignment	not modelled	7.9	16 <b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> caspase-1; <b>PDBTitle:</b> crystal structure of human caspase-1 (arg286->ala, glu390->ala) in2 complex with 3-[2-(2-benzoyloxycarbonylamino-3-methyl-butylamino)-3 propionylamino]-4-oxo-pentanoic acid (z-vad-fmk)
46	<a href="#">c2p7vA_</a>	Alignment	not modelled	7.7	8 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of sigma d; <b>PDBTitle:</b> crystal structure of the escherichia coli regulator of sigma 70, rsd,2 in complex with sigma 70 domain 4
47	<a href="#">d1zt2a1</a>	Alignment	not modelled	7.6	14 <b>Fold:</b> Prim-pol domain <b>Superfamily:</b> Prim-pol domain <b>Family:</b> PriA-like
48	<a href="#">d2juza1</a>	Alignment	not modelled	7.4	40 <b>Fold:</b> YejL-like <b>Superfamily:</b> YejL-like <b>Family:</b> YejL-like
49	<a href="#">d1nw9b_</a>	Alignment	not modelled	7.2	11 <b>Fold:</b> Caspase-like <b>Superfamily:</b> Caspase-like <b>Family:</b> Caspase catalytic domain
50	<a href="#">c3iukB_</a>	Alignment	not modelled	7.1	20 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of putative bacterial protein of unknown function2 (duf885, pf05960.1, ) from arthrobacter aureescens tc1, reveals fold3 similar to that of m32 carboxypeptidases
51	<a href="#">d1c3pa_</a>	Alignment	not modelled	6.8	18 <b>Fold:</b> Arginase/deacetylase <b>Superfamily:</b> Arginase/deacetylase <b>Family:</b> Histone deacetylase, HDAC
52	<a href="#">c2zxyA_</a>	Alignment	not modelled	6.7	0 <b>PDB header:</b> oxygen binding, transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c552; <b>PDBTitle:</b> crystal structure of cytochrome c555 from aquifex aeolicus
53	<a href="#">c3kxeD_</a>	Alignment	not modelled	6.6	20 <b>PDB header:</b> protein binding <b>Chain:</b> D: <b>PDB Molecule:</b> antitoxin protein pard-1; <b>PDBTitle:</b> a conserved mode of protein recognition and binding in a2 pard-pare toxin-antitoxin complex

54	<a href="#">d1c75a_</a>	Alignment	not modelled	6.6	26	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
55	<a href="#">d1dxxa2</a>	Alignment	not modelled	6.5	22	<b>Fold:</b> CH domain-like <b>Superfamily:</b> Calponin-homology domain, CH-domain <b>Family:</b> Calponin-homology domain, CH-domain
56	<a href="#">d1t64a_</a>	Alignment	not modelled	6.5	16	<b>Fold:</b> Arginase/deacetylase <b>Superfamily:</b> Arginase/deacetylase <b>Family:</b> Histone deacetylase, HDAC
57	<a href="#">c1nmqB_</a>	Alignment	not modelled	6.4	18	<b>PDB header:</b> apoptosis, hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> caspase-3; <b>PDBTitle:</b> extendend tethering: in situ assembly of inhibitors
58	<a href="#">c1cp3B_</a>	Alignment	not modelled	6.4	18	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> apopain; <b>PDBTitle:</b> crystal structure of the complex of apopain with the tetrapeptide2 inhibitor ace-dvad-fmc
59	<a href="#">c2bpbB_</a>	Alignment	not modelled	6.2	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> sulfite\cytochrome c oxidoreductase subunit b; <b>PDBTitle:</b> sulfite dehydrogenase from starkeya novella
60	<a href="#">d2jrxal</a>	Alignment	not modelled	6.1	35	<b>Fold:</b> YejL-like <b>Superfamily:</b> YejL-like <b>Family:</b> YejL-like
61	<a href="#">c1w21A_</a>	Alignment	not modelled	6.0	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome oxidase subunit ii; <b>PDBTitle:</b> cytochrome c domain of caa3 oxygen oxidoreductase
62	<a href="#">d2i7pa2</a>	Alignment	not modelled	6.0	33	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Actin-like ATPase domain <b>Family:</b> Fumble-like
63	<a href="#">c2d89A_</a>	Alignment	not modelled	5.8	15	<b>PDB header:</b> structural protein, protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ehbp1 protein; <b>PDBTitle:</b> solution structure of the ch domain from human eh domain2 binding protein 1
64	<a href="#">c3a9fA_</a>	Alignment	not modelled	5.7	17	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> cytochrome c; <b>PDBTitle:</b> crystal structure of the c-terminal domain of cytochrome cz2 from chlorobium tepidum
65	<a href="#">c3m3hA_</a>	Alignment	not modelled	5.7	11	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> 1.75 angstrom resolution crystal structure of an orotate2 phosphoribosyltransferase from bacillus anthracis str. 'ames3 ancestor'
66	<a href="#">c1tleA_</a>	Alignment	not modelled	5.6	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> kumamolisin; <b>PDBTitle:</b> high resolution crystal structure of the intact pro-2 kumamolisin, a sedolisin type proteinase (previously3 called kumamolysin or kscp)
67	<a href="#">c1kjkA_</a>	Alignment	not modelled	5.5	43	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> integrase; <b>PDBTitle:</b> solution structure of the lambda integrase amino-terminal2 domain
68	<a href="#">d1z1ba1</a>	Alignment	not modelled	5.5	43	<b>Fold:</b> DNA-binding domain <b>Superfamily:</b> DNA-binding domain <b>Family:</b> lambda integrase N-terminal domain
69	<a href="#">d1cora_</a>	Alignment	not modelled	5.5	31	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
70	<a href="#">d2qtial</a>	Alignment	not modelled	5.5	25	<b>Fold:</b> YejL-like <b>Superfamily:</b> YejL-like <b>Family:</b> YejL-like
71	<a href="#">c3bboQ_</a>	Alignment	not modelled	5.4	45	<b>PDB header:</b> ribosome <b>Chain:</b> Q: <b>PDB Molecule:</b> ribosomal protein l18; <b>PDBTitle:</b> homology model for the spinach chloroplast 50s subunit2 fitted to 9.4a cryo-em map of the 70s chlororibosome
72	<a href="#">d1a56a_</a>	Alignment	not modelled	5.4	11	<b>Fold:</b> Cytochrome c <b>Superfamily:</b> Cytochrome c <b>Family:</b> monodomain cytochrome c
73	<a href="#">c3bqsB_</a>	Alignment	not modelled	5.4	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of an uncharacterized protein from2 listeria monocytogenes, trigonal form
74	<a href="#">d1aoaa2</a>	Alignment	not modelled	5.4	13	<b>Fold:</b> CH domain-like <b>Superfamily:</b> Calponin-homology domain, CH-domain <b>Family:</b> Calponin-homology domain, CH-domain
75	<a href="#">c2pebB_</a>	Alignment	not modelled	5.3	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> putative dioxygenase; <b>PDBTitle:</b> crystal structure of a putative dioxygenase (npun_f1925) from nostoc2 punctiforme pcc 73102 at 1.46 a resolution
76	<a href="#">d3c7bb2</a>	Alignment	not modelled	5.2	36	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Nitrite/Sulfite reductase N-terminal domain-like <b>Family:</b> DsrA/DsrB N-terminal-domain-like
77	<a href="#">d1otfa_</a>	Alignment	not modelled	5.2	13	<b>Fold:</b> Tautomerase/MIF <b>Superfamily:</b> Tautomerase/MIF <b>Family:</b> 4-oxalocrotonate tautomerase-like
78	<a href="#">c1pyoA_</a>	Alignment	not modelled	5.2	13	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> caspase-2; <b>PDBTitle:</b> crystal structure of human caspase-2 in complex with acetyl-leu-asp-2 glu-ser-asp-cho
79	<a href="#">c1gd2G_</a>	Alignment	not modelled	5.1	29	<b>PDB header:</b> transcription/dna <b>Chain:</b> G: <b>PDB Molecule:</b> transcription factor pap1; <b>PDBTitle:</b> crystal structure of bzip transcription factor pap1 bound2 to dna
						<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> dna-bindinga response regulator vicr;

80	<a href="#">c2hvvA_</a>	Alignment	not modelled	5.1	71	<b>PDBTitle:</b> crystal structure of an essential response regulator dna binding2 domain, vicrc in enterococcus faecalis, a member of the yycf3 subfamily.
----	-------------------------	-----------	--------------	-----	----	---