























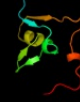


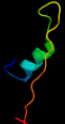





# Phyre2

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Description	P77596
Date	Thu Jan 5 12:30:53 GMT 2012
Unique Job ID	0c7a84c7c3bd8bb1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2gp4A_</a>	 Alignment		100.0	28	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phosphogluconate dehydratase; <b>PDBTitle:</b> structure of [fes]cluster-free apo form of 6-phosphogluconate2 dehydratase from shewanella oneidensis
2	<a href="#">d2gp4a2</a>	 Alignment		100.0	27	<b>Fold:</b> IlvD/EDD N-terminal domain-like <b>Superfamily:</b> IlvD/EDD N-terminal domain-like <b>Family:</b> IlvD/EDD N-terminal domain-like
3	<a href="#">d2gp4a1</a>	 Alignment		100.0	26	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> IlvD/EDD C-terminal domain-like
4	<a href="#">c2pcnA_</a>	 Alignment		79.3	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> s-adenosylmethionine:2-demethylmenaquinone <b>PDBTitle:</b> crystal structure of s-adenosylmethionine: 2-dimethylmenaquinone2 methyltransferase (gk_1813) from geobacillus kaustophilus hta426
5	<a href="#">c2jv2A_</a>	 Alignment		69.3	25	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein ph1500; <b>PDBTitle:</b> solution structure of the n-terminal domain of ph1500
6	<a href="#">d1nxja_</a>	 Alignment		66.5	15	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> RraA-like <b>Family:</b> RraA-like
7	<a href="#">c1nxjA_</a>	 Alignment		66.5	15	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> probable s-adenosylmethionine:2- <b>PDBTitle:</b> structure of rv3853 from mycobacterium tuberculosis
8	<a href="#">c3c8oB_</a>	 Alignment		64.9	18	<b>PDB header:</b> hydrolase regulator <b>Chain:</b> B: <b>PDB Molecule:</b> regulator of ribonuclease activity a; <b>PDBTitle:</b> the crystal structure of rraa from pao1
9	<a href="#">d1vi4a_</a>	 Alignment		62.5	13	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> RraA-like <b>Family:</b> RraA-like
10	<a href="#">d1q5xa_</a>	 Alignment		52.4	15	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> RraA-like <b>Family:</b> RraA-like
11	<a href="#">d1agxa_</a>	 Alignment		51.7	15	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase

12	<a href="#">d1pl8a1</a>	Alignment		50.0	21	<b>Fold:</b> GroES-like <b>Superfamily:</b> GroES-like <b>Family:</b> Alcohol dehydrogenase-like, N-terminal domain
13	<a href="#">d1wsaa_</a>	Alignment		45.6	21	<b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
14	<a href="#">d1y0pa2</a>	Alignment		42.7	23	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> Succinate dehydrogenase/fumarate reductase flavoprotein N-terminal domain
15	<a href="#">d2hi6a1</a>	Alignment		40.6	11	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> AF0055-like
16	<a href="#">d1ydga_</a>	Alignment		37.2	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> WrbA-like
17	<a href="#">d1fjca_</a>	Alignment		35.2	34	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
18	<a href="#">d1wl8a1</a>	Alignment		35.1	23	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
19	<a href="#">d1r31a1</a>	Alignment		35.0	35	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> NAD-binding domain of HMG-CoA reductase <b>Family:</b> NAD-binding domain of HMG-CoA reductase
20	<a href="#">d1j33a_</a>	Alignment		34.4	19	<b>Fold:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Superfamily:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Family:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT)
21	<a href="#">d1od5a1</a>	Alignment	not modelled	34.0	18	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
22	<a href="#">d1v7la_</a>	Alignment	not modelled	32.1	17	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like
23	<a href="#">d1zyma2</a>	Alignment	not modelled	32.0	9	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> N-terminal domain of enzyme I of the PEP:sugar phosphotransferase system
24	<a href="#">c1dm9a_</a>	Alignment	not modelled	32.0	15	<b>PDB header:</b> structural genomics <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical 15.5 kd protein in mrca-pcka <b>PDBTitle:</b> heat shock protein 15 kd
25	<a href="#">d1dm9a_</a>	Alignment	not modelled	32.0	15	<b>Fold:</b> Alpha-L RNA-binding motif <b>Superfamily:</b> Alpha-L RNA-binding motif <b>Family:</b> Heat shock protein 15 kD
26	<a href="#">d1kola2</a>	Alignment	not modelled	31.9	24	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Alcohol dehydrogenase-like, C-terminal domain
27	<a href="#">d1j3la_</a>	Alignment	not modelled	31.8	26	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> RraA-like <b>Family:</b> RraA-like
28	<a href="#">c1sddA_</a>	Alignment	not modelled	31.5	21	<b>PDB header:</b> blood clotting <b>Chain:</b> A: <b>PDB Molecule:</b> coagulation factor v; <b>PDBTitle:</b> crystal structure of bovine factor vai
29	<a href="#">d1ujva_</a>	Alignment	not modelled	31.4	32	<b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like

					<b>Family:</b> PDZ domain
30	<a href="#">d1o7ja_</a>	Alignment	not modelled	31.0	12 <b>Fold:</b> Glutaminase/Asparaginase <b>Superfamily:</b> Glutaminase/Asparaginase <b>Family:</b> Glutaminase/Asparaginase
31	<a href="#">d1r61a_</a>	Alignment	not modelled	28.7	15 <b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Putative cyclase <b>Family:</b> Putative cyclase
32	<a href="#">d1rk8a_</a>	Alignment	not modelled	28.4	21 <b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
33	<a href="#">c1rkjA_</a>	Alignment	not modelled	26.9	30 <b>PDB header:</b> transcription/rna <b>Chain:</b> A: <b>PDB Molecule:</b> nucleolin; <b>PDBTitle:</b> solution structure of the complex formed by the two n-2 terminal rna-binding domains of nucleolin and a pre-rna3 target
34	<a href="#">c3l83A_</a>	Alignment	not modelled	25.9	20 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamine amido transferase; <b>PDBTitle:</b> crystal structure of glutamine amido transferase from methylobacillus2 flagellatus
35	<a href="#">d1a9xb2</a>	Alignment	not modelled	25.3	22 <b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
36	<a href="#">d1lcyal</a>	Alignment	not modelled	25.0	34 <b>Fold:</b> PDZ domain-like <b>Superfamily:</b> PDZ domain-like <b>Family:</b> HtrA-like serine proteases
37	<a href="#">d2etna2</a>	Alignment	not modelled	24.4	14 <b>Fold:</b> FKBP-like <b>Superfamily:</b> FKBP-like <b>Family:</b> GreA transcript cleavage factor, C-terminal domain
38	<a href="#">c2qv5A_</a>	Alignment	not modelled	24.3	26 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein atu2773; <b>PDBTitle:</b> crystal structure of uncharacterized protein atu2773 from2 agrobacterium tumefaciens c58
39	<a href="#">c3nojA_</a>	Alignment	not modelled	24.2	29 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-carboxy-4-hydroxy-2-oxoadipate aldolase/oxaloacetate <b>PDBTitle:</b> the structure of hmg/cha aldolase from the protocatechuate degradation2 pathway of pseudomonas putida
40	<a href="#">c3t6oA_</a>	Alignment	not modelled	24.1	18 <b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> sulfate transporter/antisigma-factor antagonist stas; <b>PDBTitle:</b> the structure of an anti-sigma-factor antagonist (stas) domain protein2 from planctomyces limnophilus.
41	<a href="#">c3f43A_</a>	Alignment	not modelled	24.0	12 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> putative anti-sigma factor antagonist tm1081; <b>PDBTitle:</b> crystal structure of a putative anti-sigma factor antagonist (tm1081)2 from thermotoga maritima at 1.59 a resolution
42	<a href="#">c3kw8A_</a>	Alignment	not modelled	23.6	21 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative copper oxidase; <b>PDBTitle:</b> two-domain laccase from streptomyces coelicolor at 2.3 a resolution
43	<a href="#">d2et1a1</a>	Alignment	not modelled	23.3	14 <b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
44	<a href="#">d1k78a1</a>	Alignment	not modelled	22.9	31 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Paired domain
45	<a href="#">c3fm3B_</a>	Alignment	not modelled	22.9	19 <b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> methionine aminopeptidase 2; <b>PDBTitle:</b> crystal structure of an encephalitozoon cuniculi methionine2 aminopeptidase type 2
46	<a href="#">d2bs2a2</a>	Alignment	not modelled	22.8	26 <b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> Succinate dehydrogenase/fumarate reductase flavoprotein N-terminal domain
47	<a href="#">c1yw7A_</a>	Alignment	not modelled	22.4	32 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> methionine aminopeptidase 2; <b>PDBTitle:</b> h-metap2 complexed with a444148
48	<a href="#">d6paxa1</a>	Alignment	not modelled	21.5	31 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Paired domain
49	<a href="#">d1kbla2</a>	Alignment	not modelled	21.5	12 <b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> Pyruvate phosphate dikinase, central domain
50	<a href="#">d2f23a2</a>	Alignment	not modelled	21.5	14 <b>Fold:</b> FKBP-like <b>Superfamily:</b> FKBP-like <b>Family:</b> GreA transcript cleavage factor, C-terminal domain
51	<a href="#">c2pkpA_</a>	Alignment	not modelled	21.3	24 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> homoaconitase small subunit; <b>PDBTitle:</b> crystal structure of 3-isopropylmalate dehydratase (leud)2 from methanocaldococcus jannaschii dsm2661 (mj1271)
52	<a href="#">d1qdlb_</a>	Alignment	not modelled	21.1	18 <b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
53	<a href="#">d1sdda1</a>	Alignment	not modelled	20.7	21 <b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
54	<a href="#">c3ln3A_</a>	Alignment	not modelled	20.3	14 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrodiol dehydrogenase; <b>PDBTitle:</b> crystal structure of putative reductase (np_038806.2) from2 mus musculus at 1.18 a resolution
55	<a href="#">c3mynA_</a>	Alignment	not modelled	19.9	10 <b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> udp-n-acetylmuramate:l-alanyl-gamma-d-glutamyl-medo-

55	<a href="#">c1mvaA</a>	Alignment	not modelled	19.9	10	<b>PDBTitle:</b> crystal structure of a domain from a putative udp-n-acetylmuramate:l-2 alanyl-gamma-d-glutamyl-medo-diaminopimelate ligase from haemophilus3 ducreyi 35000hp
56	<a href="#">d1jb0k</a>	Alignment	not modelled	18.8	44	<b>Fold:</b> Photosystem I reaction center subunit X, PsaK <b>Superfamily:</b> Photosystem I reaction center subunit X, PsaK <b>Family:</b> Photosystem I reaction center subunit X, PsaK
57	<a href="#">c1jb0K</a>	Alignment	not modelled	18.8	44	<b>PDB header:</b> photosynthesis <b>Chain:</b> K: <b>PDB Molecule:</b> photosystem 1 reaction centre subunit x; <b>PDBTitle:</b> crystal structure of photosystem i: a photosynthetic reaction center2 and core antenna system from cyanobacteria
58	<a href="#">c1ezaA</a>	Alignment	not modelled	18.8	14	<b>PDB header:</b> phosphotransferase <b>Chain:</b> A: <b>PDB Molecule:</b> enzyme i; <b>PDBTitle:</b> amino terminal domain of enzyme i from escherichia coli nmr,2 restrained regularized mean structure
59	<a href="#">c2cdqB</a>	Alignment	not modelled	18.0	26	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aspartokinase; <b>PDBTitle:</b> crystal structure of arabidopsis thaliana aspartate kinase2 complexed with lysine and s-adenosylmethionine
60	<a href="#">d1vbga2</a>	Alignment	not modelled	17.8	12	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> Pyruvate phosphate dikinase, central domain
61	<a href="#">d1ueba3</a>	Alignment	not modelled	17.8	6	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> Cold shock DNA-binding domain-like
62	<a href="#">c1wa1X</a>	Alignment	not modelled	17.7	16	<b>PDB header:</b> reductase <b>Chain:</b> X: <b>PDB Molecule:</b> dissimilatory copper-containing nitrite <b>PDBTitle:</b> crystal structure of h313q mutant of alcaligenes2 xylooxidans nitrite reductase
63	<a href="#">c2hcuA</a>	Alignment	not modelled	17.6	11	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 3-isopropylmalate dehydratase small subunit; <b>PDBTitle:</b> crystal structure of smu.1381 (or leud) from streptococcus2 mutans
64	<a href="#">c3cdzA</a>	Alignment	not modelled	17.2	21	<b>PDB header:</b> blood clotting <b>Chain:</b> A: <b>PDB Molecule:</b> coagulation factor viii heavy chain; <b>PDBTitle:</b> crystal structure of human factor viii
65	<a href="#">c2y0fD</a>	Alignment	not modelled	17.1	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-en-1-yl diphosphate synthase; <b>PDBTitle:</b> structure of gcpe (ispg) from thermus thermophilus hb27
66	<a href="#">d2cqaa1</a>	Alignment	not modelled	17.1	18	<b>Fold:</b> OB-fold <b>Superfamily:</b> Nucleic acid-binding proteins <b>Family:</b> TIP49 domain
67	<a href="#">c3soeA</a>	Alignment	not modelled	17.1	22	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> membrane-associated guanylate kinase, ww and pdz domain- <b>PDBTitle:</b> crystal structure of the 3rd pdz domain of the human membrane-2 associated guanylate kinase, ww and pdz domain-containing protein 33 (magi3)
68	<a href="#">c1gph1</a>	Alignment	not modelled	17.0	22	<b>PDB header:</b> transferase(glutamine amidotransferase) <b>Chain:</b> 1: <b>PDB Molecule:</b> glutamine phosphoribosyl-pyrophosphate amidotransferase; <b>PDBTitle:</b> structure of the allosteric regulatory enzyme of purine biosynthesis
69	<a href="#">d1l5oa</a>	Alignment	not modelled	16.6	18	<b>Fold:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Superfamily:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Family:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT)
70	<a href="#">c2p4vA</a>	Alignment	not modelled	16.4	10	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcription elongation factor greb; <b>PDBTitle:</b> crystal structure of the transcript cleavage factor, greb2 at 2.6a resolution
71	<a href="#">c2e5hA</a>	Alignment	not modelled	16.2	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger cchc-type and rna-binding motif- <b>PDBTitle:</b> solution structure of rna binding domain in zinc finger2 cchc-type and rna binding motif 1
72	<a href="#">c2c5qE</a>	Alignment	not modelled	16.0	8	<b>PDB header:</b> structural genomics,unknown function <b>Chain:</b> E: <b>PDB Molecule:</b> rraa-like protein yer010c; <b>PDBTitle:</b> crystal structure of yeast yer010cp
73	<a href="#">d1p3da2</a>	Alignment	not modelled	16.0	19	<b>Fold:</b> MurD-like peptide ligases, peptide-binding domain <b>Superfamily:</b> MurD-like peptide ligases, peptide-binding domain <b>Family:</b> MurCDEF C-terminal domain
74	<a href="#">c1ecjB</a>	Alignment	not modelled	15.7	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> glutamine phosphoribosylpyrophosphate <b>PDBTitle:</b> escherichia coli glutamine phosphoribosylpyrophosphate2 (prpp) amidotransferase complexed with 2 amp per tetramer
75	<a href="#">d2j5wa4</a>	Alignment	not modelled	15.7	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
76	<a href="#">c3lzkC</a>	Alignment	not modelled	15.4	25	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> fumarylacetoacetate hydrolase family protein; <b>PDBTitle:</b> the crystal structure of a probably aromatic amino acid2 degradation protein from sinorhizobium meliloti 1021
77	<a href="#">c3nyeA</a>	Alignment	not modelled	15.2	30	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> d-arginine dehydrogenase; <b>PDBTitle:</b> crystal structure of pseudomonas aeruginosa d-arginine dehydrogenase2 in complex with imino-arginine
78	<a href="#">d1kv7a1</a>	Alignment	not modelled	15.2	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multidomain cupredoxins
						<b>Fold:</b> Cupredoxin-like

79	<a href="#">d1oe1a1</a>	Alignment	not modelled	15.1	16	<b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
80	<a href="#">d2a9va1</a>	Alignment	not modelled	15.0	23	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
81	<a href="#">c1kzlA</a>	Alignment	not modelled	15.0	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> riboflavin synthase; <b>PDBTitle:</b> riboflavin synthase from s.pombe bound to2 carboxyethylumazine
82	<a href="#">d1lv1a1</a>	Alignment	not modelled	14.9	32	<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
83	<a href="#">d1l5ja2</a>	Alignment	not modelled	14.7	18	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like
84	<a href="#">c2zooA</a>	Alignment	not modelled	14.5	26	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> probable nitrite reductase; <b>PDBTitle:</b> crystal structure of nitrite reductase from pseudoalteromonas2 haloplanktis tac125
85	<a href="#">d2j5wa3</a>	Alignment	not modelled	14.5	21	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
86	<a href="#">d1e3ja2</a>	Alignment	not modelled	14.1	36	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Alcohol dehydrogenase-like, C-terminal domain
87	<a href="#">c3u7ja</a>	Alignment	not modelled	13.9	20	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from burkholderia2 thailandensis
88	<a href="#">d1h6za2</a>	Alignment	not modelled	13.9	24	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> Pyruvate phosphate dikinase, central domain
89	<a href="#">c3g5wC</a>	Alignment	not modelled	13.7	16	<b>PDB header:</b> metal binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> multi copper oxidase type 1; <b>PDBTitle:</b> crystal structure of blue copper oxidase from nitrosomonas europaea
90	<a href="#">d1e8ca2</a>	Alignment	not modelled	13.7	24	<b>Fold:</b> MurD-like peptide ligases, peptide-binding domain <b>Superfamily:</b> MurD-like peptide ligases, peptide-binding domain <b>Family:</b> MurCDEF C-terminal domain
91	<a href="#">d1o1ya</a>	Alignment	not modelled	13.6	25	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
92	<a href="#">d1fxza2</a>	Alignment	not modelled	13.4	13	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> RmlC-like cupins <b>Family:</b> Germin/Seed storage 7S protein
93	<a href="#">c2e28A</a>	Alignment	not modelled	13.4	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate kinase; <b>PDBTitle:</b> crystal structure analysis of pyruvate kinase from bacillus2 stearothermophilus
94	<a href="#">d1pl8a2</a>	Alignment	not modelled	13.2	35	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Alcohol dehydrogenase-like, C-terminal domain
95	<a href="#">d1aoza1</a>	Alignment	not modelled	13.1	16	<b>Fold:</b> Cupredoxin-like <b>Superfamily:</b> Cupredoxins <b>Family:</b> Multi domain cupredoxins
96	<a href="#">d1ykfa2</a>	Alignment	not modelled	13.1	27	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Alcohol dehydrogenase-like, C-terminal domain
97	<a href="#">c3cgnA</a>	Alignment	not modelled	13.0	16	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidyl-prolyl cis-trans isomerase; <b>PDBTitle:</b> crystal structure of thermophilic slyd
98	<a href="#">c1yq4A</a>	Alignment	not modelled	13.0	24	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> succinate dehydrogenase flavoprotein subunit; <b>PDBTitle:</b> avian respiratory complex ii with 3-nitropropionate and ubiquinone
99	<a href="#">c3fijD</a>	Alignment	not modelled	12.9	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> lin1909 protein; <b>PDBTitle:</b> crystal structure of a uncharacterized protein lin1909