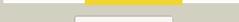
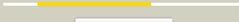


# Phyre2

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Description	P24197
Date	Thu Jan 5 11:41:08 GMT 2012
Unique Job ID	c618af4b35299999

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d2pw6a1</a>	 Alignment		100.0	95	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> LigB-like <b>Family:</b> LigB-like
2	<a href="#">d1b4ub</a>	 Alignment		100.0	13	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> LigB-like <b>Family:</b> LigB-like
3	<a href="#">c3bd0D</a>	 Alignment		99.4	12	<b>PDB header:</b> peptide binding protein <b>Chain:</b> D: <b>PDB Molecule:</b> protein memo1; <b>PDBTitle:</b> crystal structure of memo, form ii
4	<a href="#">c3lp5A</a>	 Alignment		78.9	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative cell surface hydrolase; <b>PDBTitle:</b> the crystal structure of the putative cell surface hydrolase from2 lactobacillus plantarum wcfs1
5	<a href="#">d1ja1a2</a>	 Alignment		77.4	9	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Cytochrome p450 reductase N-terminal domain-like
6	<a href="#">d2q7sa1</a>	 Alignment		73.0	15	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Zn-dependent exopeptidases <b>Family:</b> FGase-like
7	<a href="#">d2pjuu1</a>	 Alignment		68.1	14	<b>Fold:</b> Chelatase-like <b>Superfamily:</b> PrpR receptor domain-like <b>Family:</b> PrpR receptor domain-like
8	<a href="#">c2pjuD</a>	 Alignment		67.8	17	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> propionate catabolism operon regulatory protein; <b>PDBTitle:</b> crystal structure of propionate catabolism operon2 regulatory protein prp
9	<a href="#">d1bvyyf</a>	 Alignment		61.7	14	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
10	<a href="#">c1bvyyF</a>	 Alignment		61.7	14	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> protein (cytochrome p450 bm-3); <b>PDBTitle:</b> complex of the heme and fmn-binding domains of the2 cytochrome p450(bm-3)
11	<a href="#">c3bmaC</a>	 Alignment		60.6	25	<b>PDB header:</b> ligase <b>Chain:</b> C: <b>PDB Molecule:</b> d-alanyl-lipoteichoic acid synthetase; <b>PDBTitle:</b> crystal structure of d-alanyl-lipoteichoic acid synthetase from2 streptococcus pneumoniae r6

12	<a href="#">c3ozbF_</a>	Alignment		58.0	23	<b>PDB header:</b> transferase <b>Chain:</b> F: <b>PDB Molecule:</b> methylthioadenosine phosphorylase; <b>PDBTitle:</b> crystal structure of 5'-methylthioinosine phosphorylase from2 psedomonas aeruginosa in complex with hypoxanthine
13	<a href="#">c2q5cA_</a>	Alignment		57.9	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> ntrc family transcriptional regulator; <b>PDBTitle:</b> crystal structure of ntrc family transcriptional regulator from2 clostridium acetobutylicum
14	<a href="#">d2ac7a1</a>	Alignment		54.3	8	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
15	<a href="#">c3exaD_</a>	Alignment		52.9	14	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> trna delta(2)-isopentenylpyrophosphate <b>PDBTitle:</b> crystal structure of the full-length trna2 isopentenylpyrophosphate transferase (bh2366) from3 bacillus halodurans, northeast structural genomics4 consortium target bhr41.
16	<a href="#">c3n0vD_</a>	Alignment		45.4	15	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> formyltetrahydrofolate deformylase; <b>PDBTitle:</b> crystal structure of a formyltetrahydrofolate deformylase (pp_0327)2 from pseudomonas putida kt2440 at 2.25 a resolution
17	<a href="#">c3fleB_</a>	Alignment		40.1	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> se_1780 protein; <b>PDBTitle:</b> se_1780 protein of unknown function from staphylococcus epidermidis.
18	<a href="#">d1b1ca_</a>	Alignment		37.5	9	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Cytochrome p450 reductase N-terminal domain-like
19	<a href="#">d1ojra_</a>	Alignment		35.6	24	<b>Fold:</b> AraD/HMP-PK domain-like <b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase
20	<a href="#">d1f4pa_</a>	Alignment		35.4	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
21	<a href="#">c3tl6B_</a>	Alignment	not modelled	31.2	12	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> purine nucleoside phosphorylase; <b>PDBTitle:</b> crystal structure of purine nucleoside phosphorylase from entamoeba2 histolytica
22	<a href="#">d1odma_</a>	Alignment	not modelled	31.0	15	<b>Fold:</b> Double-stranded beta-helix <b>Superfamily:</b> Clavamate synthase-like <b>Family:</b> Penicillin synthase-like
23	<a href="#">c3qpbB_</a>	Alignment	not modelled	30.8	9	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> uridine phosphorylase; <b>PDBTitle:</b> crystal structure of streptococcus pyogenes uridine phosphorylase2 reveals a subclass of the np-i superfamily
24	<a href="#">d2gv8a2</a>	Alignment	not modelled	27.3	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
25	<a href="#">d1vhwa_</a>	Alignment	not modelled	26.6	12	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
26	<a href="#">c2gfaC_</a>	Alignment	not modelled	26.3	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> upf0204 protein ph0006; <b>PDBTitle:</b> structure of protein of unknown function ph0006 from pyrococcus2 horikoshii
27	<a href="#">d2odfa1</a>	Alignment	not modelled	24.2	15	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Zn-dependent exopeptidases <b>Family:</b> FGase-like
28	<a href="#">c3jrnA_</a>	Alignment	not modelled	22.9	13	<b>PDB header:</b> plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> at1g72930 protein; <b>PDBTitle:</b> crystal structure of tir domain from arabidopsis thaliana
						<b>Fold:</b> AraD/HMP-PK domain-like

29	<a href="#">d1pvta_</a>	Alignment	not modelled	22.3	29	<b>Superfamily:</b> AraD/HMP-PK domain-like <b>Family:</b> AraD-like aldolase/epimerase
30	<a href="#">d1w4xa2</a>	Alignment	not modelled	22.2	6	<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
31	<a href="#">c3eufC_</a>	Alignment	not modelled	22.0	18	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> uridine phosphorylase 1; <b>PDBTitle:</b> crystal structure of bau-bound human uridine phosphorylase 1
32	<a href="#">d1jw9b_</a>	Alignment	not modelled	22.0	26	<b>Fold:</b> Activating enzymes of the ubiquitin-like proteins <b>Superfamily:</b> Activating enzymes of the ubiquitin-like proteins <b>Family:</b> Molybdenum cofactor biosynthesis protein MoeB
33	<a href="#">c3i0pA_</a>	Alignment	not modelled	21.9	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> malate dehydrogenase; <b>PDBTitle:</b> crystal structure of malate dehydrogenase from entamoeba histolytica
34	<a href="#">d1odka_</a>	Alignment	not modelled	20.8	11	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
35	<a href="#">d1rxya_</a>	Alignment	not modelled	20.1	13	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
36	<a href="#">c1tjnA_</a>	Alignment	not modelled	19.7	26	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> sirohydrochlorin cobaltochelate; <b>PDBTitle:</b> crystal structure of hypothetical protein af0721 from archaeoglobus2 fulgidus
37	<a href="#">d1tjna_</a>	Alignment	not modelled	19.7	26	<b>Fold:</b> Chelatase-like <b>Superfamily:</b> Chelatase <b>Family:</b> CbiX-like
38	<a href="#">d1cqxa3</a>	Alignment	not modelled	19.3	14	<b>Fold:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Superfamily:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Family:</b> Flavo-hemoglobin, C-terminal domain
39	<a href="#">d1npya1</a>	Alignment	not modelled	18.6	14	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Aminoacid dehydrogenase-like, C-terminal domain
40	<a href="#">d2h1ia1</a>	Alignment	not modelled	18.4	17	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Carboxylesterase/thioesterase 1
41	<a href="#">c2cdh1_</a>	Alignment	not modelled	18.4	13	<b>PDB header:</b> transferase <b>Chain:</b> 1: <b>PDB Molecule:</b> enoyl reductase; <b>PDBTitle:</b> architecture of the thermomyces lanuginosus fungal fatty2 acid synthase at 5 angstrom resolution.
42	<a href="#">c1zfnA_</a>	Alignment	not modelled	18.4	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> adenyltransferase thif; <b>PDBTitle:</b> structural analysis of escherichia coli thif
43	<a href="#">d2i9ca1</a>	Alignment	not modelled	18.2	16	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> ARM repeat <b>Family:</b> RPA1889-like
44	<a href="#">d1np3a2</a>	Alignment	not modelled	17.9	12	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> 6-phosphogluconate dehydrogenase-like, N-terminal domain
45	<a href="#">c1y8qD_</a>	Alignment	not modelled	17.4	16	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> ubiquitin-like 2 activating enzyme e1b; <b>PDBTitle:</b> sumo e1 activating enzyme sae1-sae2-mg-atp complex
46	<a href="#">d1p77a1</a>	Alignment	not modelled	17.4	7	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Aminoacid dehydrogenase-like, C-terminal domain
47	<a href="#">d1wyza1</a>	Alignment	not modelled	17.2	16	<b>Fold:</b> Tetrapyrrole methylase <b>Superfamily:</b> Tetrapyrrole methylase <b>Family:</b> Tetrapyrrole methylase
48	<a href="#">c3k3qB_</a>	Alignment	not modelled	17.1	13	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> trna delta(2)-isopentenylpyrophosphate <b>PDBTitle:</b> crystal structure of trna delta(2)-isopentenylpyrophosphate2 transferase (se0981) from staphylococcus epidermidis.3 northeast structural genomics consortium target ser100
49	<a href="#">d1t8sa_</a>	Alignment	not modelled	16.7	12	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
50	<a href="#">d1vkza2</a>	Alignment	not modelled	16.6	25	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
51	<a href="#">d2fuea1</a>	Alignment	not modelled	16.3	28	<b>Fold:</b> HAD-like <b>Superfamily:</b> HAD-like <b>Family:</b> Predicted hydrolases Cof
52	<a href="#">c3k35D_</a>	Alignment	not modelled	16.3	11	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> nad-dependent deacetylase sirtuin-6; <b>PDBTitle:</b> crystal structure of human sirt6
53	<a href="#">c3pkiF_</a>	Alignment	not modelled	16.3	11	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> nad-dependent deacetylase sirtuin-6; <b>PDBTitle:</b> human sirt6 crystal structure in complex with adp ribose
54	<a href="#">d1uala_</a>	Alignment	not modelled	16.2	9	<b>Fold:</b> alpha/beta knot <b>Superfamily:</b> alpha/beta knot <b>Family:</b> tRNA(m1G37)-methyltransferase TrmD
55	<a href="#">d1iiba_</a>	Alignment	not modelled	16.2	23	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Lactose/Cellulose specific IIB subunit

56	<a href="#">d1a9xa3</a>	Alignment	not modelled	16.1	25	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
57	<a href="#">c3cmmA_</a>	Alignment	not modelled	14.8	24	<b>PDB header:</b> ligase/protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> ubiquitin-activating enzyme e1 1; <b>PDBTitle:</b> crystal structure of the uba1-ubiquitin complex
58	<a href="#">d1q1ra2</a>	Alignment	not modelled	14.6	19	<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
59	<a href="#">d1nvtA1</a>	Alignment	not modelled	14.3	13	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Aminoacid dehydrogenase-like, C-terminal domain
60	<a href="#">c3h9gA_</a>	Alignment	not modelled	14.3	11	<b>PDB header:</b> transferase/antibiotic <b>Chain:</b> A: <b>PDB Molecule:</b> mccb protein; <b>PDBTitle:</b> crystal structure of e. coli mccb + mcca-n7isoasn
61	<a href="#">c3kydB_</a>	Alignment	not modelled	14.2	16	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> sumo-activating enzyme subunit 2; <b>PDBTitle:</b> human sumo e1~sumo1-amp tetrahedral intermediate mimic
62	<a href="#">d1nxua_</a>	Alignment	not modelled	14.1	28	<b>Fold:</b> L-sulfolactate dehydrogenase-like <b>Superfamily:</b> L-sulfolactate dehydrogenase-like <b>Family:</b> L-sulfolactate dehydrogenase-like
63	<a href="#">c1wb4A_</a>	Alignment	not modelled	14.1	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endo-1,4-beta-xylanase y; <b>PDBTitle:</b> s954a mutant of the feruloyl esterase module from2 clostridium thermocellum complexed with sinapinate
64	<a href="#">c1z2iA_</a>	Alignment	not modelled	14.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> malate dehydrogenase; <b>PDBTitle:</b> crystal structure of agrobacterium tumefaciens malate2 dehydrogenase, new york structural genomics consortium
65	<a href="#">d2csua2</a>	Alignment	not modelled	13.9	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Succinyl-CoA synthetase domains <b>Family:</b> Succinyl-CoA synthetase domains
66	<a href="#">d1ykga1</a>	Alignment	not modelled	13.8	14	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Cytochrome p450 reductase N-terminal domain-like
67	<a href="#">d2bida_</a>	Alignment	not modelled	13.6	18	<b>Fold:</b> Toxins' membrane translocation domains <b>Superfamily:</b> Bcl-2 inhibitors of programmed cell death <b>Family:</b> Bcl-2 inhibitors of programmed cell death
68	<a href="#">d1gsoa2</a>	Alignment	not modelled	13.6	17	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
69	<a href="#">c2rgwD_</a>	Alignment	not modelled	13.5	15	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> aspartate carbamoyltransferase; <b>PDBTitle:</b> catalytic subunit of m. jannaschii aspartate2 transcarbamoylase
70	<a href="#">d1wb4a1</a>	Alignment	not modelled	13.5	23	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Carboxylesterase
71	<a href="#">d1nhpa2</a>	Alignment	not modelled	13.0	15	<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
72	<a href="#">d1vi2a1</a>	Alignment	not modelled	12.9	13	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Aminoacid dehydrogenase-like, C-terminal domain
73	<a href="#">c3louB_</a>	Alignment	not modelled	12.8	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> formyltetrahydrofolate deformylase; <b>PDBTitle:</b> crystal structure of formyltetrahydrofolate deformylase (yp_105254.1)2 from burkholderia mallei atcc 23344 at 1.90 a resolution
74	<a href="#">c3vh1A_</a>	Alignment	not modelled	12.7	18	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ubiquitin-like modifier-activating enzyme atg7; <b>PDBTitle:</b> crystal structure of saccharomyces cerevisiae atg7 (1-595)
75	<a href="#">d1vdca2</a>	Alignment	not modelled	12.6	14	<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
76	<a href="#">c3gucB_</a>	Alignment	not modelled	12.2	27	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> ubiquitin-like modifier-activating enzyme 5; <b>PDBTitle:</b> human ubiquitin-activating enzyme 5 in complex with amppnp
77	<a href="#">c3nbmA_</a>	Alignment	not modelled	12.1	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pts system, lactose-specific iibc components; <b>PDBTitle:</b> the lactose-specific iib component domain structure of the2 phosphoenolpyruvate:carbohydrate phosphotransferase system (pts) from3 streptococcus pneumoniae.
78	<a href="#">d1a9xa4</a>	Alignment	not modelled	11.9	36	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
79	<a href="#">c3h16A_</a>	Alignment	not modelled	11.8	10	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> tir protein; <b>PDBTitle:</b> crystal structure of a bacteria tir domain, pdtir from2 paracoccus denitrificans
80	<a href="#">c2l2qA_</a>	Alignment	not modelled	11.8	27	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pts system, cellobiose-specific iib component (cela); <b>PDBTitle:</b> solution structure of cellobiose-specific phosphotransferase iib2 component protein from borrelia burgdorferi

81	<a href="#">c3vh3A_</a>	Alignment	not modelled	11.7	18	<b>PDB header:</b> metal binding protein/protein transport <b>Chain:</b> A: <b>PDB Molecule:</b> ubiquitin-like modifier-activating enzyme atg7; <b>PDBTitle:</b> crystal structure of atg7ctd-atg8 complex
82	<a href="#">d1pv1a_</a>	Alignment	not modelled	11.6	27	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Hypothetical esterase YJL068C
83	<a href="#">d5pnta_</a>	Alignment	not modelled	11.5	25	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases
84	<a href="#">d1dg9a_</a>	Alignment	not modelled	11.3	25	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases
85	<a href="#">d1k9sa_</a>	Alignment	not modelled	11.2	11	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
86	<a href="#">c2wmyH_</a>	Alignment	not modelled	11.1	27	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> putative acid phosphatase wzb; <b>PDBTitle:</b> crystal structure of the tyrosine phosphatase wzb from2 escherichia coli k30 in complex with sulphate.
87	<a href="#">d1yqea1</a>	Alignment	not modelled	11.0	23	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> AF0625-like <b>Family:</b> AF0625-like
88	<a href="#">d1gpja2</a>	Alignment	not modelled	10.9	32	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Aminoacid dehydrogenase-like, C-terminal domain
89	<a href="#">c2rduA_</a>	Alignment	not modelled	10.8	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxyacid oxidase 1; <b>PDBTitle:</b> crystal structure of human glycolate oxidase in complex with2 glyoxylate
90	<a href="#">c1w4xA_</a>	Alignment	not modelled	10.7	7	<b>PDB header:</b> oxygenase <b>Chain:</b> A: <b>PDB Molecule:</b> phenylacetone monooxygenase; <b>PDBTitle:</b> phenylacetone monooxygenase, a baeyer-villiger2 monooxygenase
91	<a href="#">c2q8yB_</a>	Alignment	not modelled	10.6	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> malate/l-lactate dehydrogenases; <b>PDBTitle:</b> the structure of a putative malate/lactate dehydrogenase from e. coli.
92	<a href="#">c2gi4A_</a>	Alignment	not modelled	10.6	27	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> possible phosphotyrosine protein phosphatase; <b>PDBTitle:</b> solution structure of the low molecular weight protein2 tyrosine phosphatase from campylobacter jejuni.
93	<a href="#">c3nvbA_</a>	Alignment	not modelled	10.6	12	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of n-terminal part of the protein bf1531 from2 bacteroides fragilis containing phosphatase domain complexed with mg3 and tungstate
94	<a href="#">c3hbaA_</a>	Alignment	not modelled	10.4	21	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> putative phosphosugar isomerase; <b>PDBTitle:</b> crystal structure of a putative phosphosugar isomerase (sden_2705)2 from shewanella denitrificans os217 at 2.00 a resolution
95	<a href="#">d2gfqa1</a>	Alignment	not modelled	10.4	14	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> AF0625-like <b>Family:</b> AF0625-like
96	<a href="#">d1trba2</a>	Alignment	not modelled	10.3	21	<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
97	<a href="#">c3t38B_</a>	Alignment	not modelled	10.1	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> arsenate reductase; <b>PDBTitle:</b> corynebacterium glutamicum thioredoxin-dependent arsenate reductase2 cg_arsc1'
98	<a href="#">d1fl2a2</a>	Alignment	not modelled	9.9	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
99	<a href="#">c1np3B_</a>	Alignment	not modelled	9.8	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> ketol-acid reductoisomerase; <b>PDBTitle:</b> crystal structure of class i acetohydroxy acid isomereductase from2 pseudomonas aeruginosa