
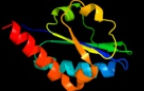



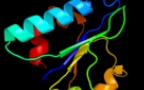















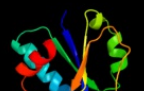


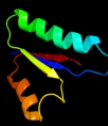
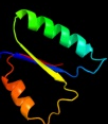


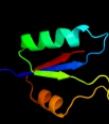




#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2kyrA_</a>	 Alignment		100.0	100	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> fructose-like phosphotransferase enzyme iib component 1; <b>PDBTitle:</b> solution structure of enzyme iib subunit of pts system from2 escherichia coli k12. northeast structural genomics consortium target3 er315/ontario center for structural proteomics target ec0544
2	<a href="#">d2r48a1</a>	 Alignment		100.0	36	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
3	<a href="#">d2r4qa1</a>	 Alignment		100.0	40	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
4	<a href="#">c1tvmA_</a>	 Alignment		97.6	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pts system, galactitol-specific iib component; <b>PDBTitle:</b> nmr structure of enzyme gatb of the galactitol-specific2 phosphoenolpyruvate-dependent phosphotransferase system
5	<a href="#">c3czcA_</a>	 Alignment		96.6	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> rmpb; <b>PDBTitle:</b> the crystal structure of a putative pts iib(ptxb) from2 streptococcus mutans
6	<a href="#">c2l2qa_</a>	 Alignment		96.5	13	<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
7	<a href="#">d2a5la1</a>	 Alignment		96.5	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> WrbA-like
8	<a href="#">dliiba_</a>	 Alignment		96.4	15	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Lactose/Cellobiose specific IIB subunit
9	<a href="#">c1vkra_</a>	 Alignment		96.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> mannitol-specific pts system enzyme iia bc components; <b>PDBTitle:</b> structure of iib domain of the mannitol-specific permease enzyme ii
10	<a href="#">d1vkra_</a>	 Alignment		96.0	16	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Lactose/Cellobiose specific IIB subunit
11	<a href="#">c3nbmA_</a>	 Alignment		95.8	16	<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.

12	<a href="#">dlydga_</a>	Alignment		94.9	30	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> WrbA-like
13	<a href="#">dlycga1</a>	Alignment		94.3	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
14	<a href="#">d2arka1</a>	Alignment		93.8	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> WrbA-like
15	<a href="#">c3fniA_</a>	Alignment		90.5	15	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative diflavin flavoprotein a 3; <b>PDBTitle:</b> crystal structure of a diflavin flavoprotein a3 (all3895) from nostoc2 sp., northeast structural genomics consortium target nsr431a
16	<a href="#">c3klbA_</a>	Alignment		89.7	19	<b>PDB header:</b> flavoprotein <b>Chain:</b> A: <b>PDB Molecule:</b> putative flavoprotein; <b>PDBTitle:</b> crystal structure of putative flavoprotein in complex with fmn2 (yp_213683.1) from bacteroides fragilis nctc 9343 at 1.75 a3 resolution
17	<a href="#">dlvmea1</a>	Alignment		89.2	11	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
18	<a href="#">c3d7nA_</a>	Alignment		88.9	23	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> flavodoxin, wrba-like protein; <b>PDBTitle:</b> the crystal structure of the flavodoxin, wrba-like protein from2 agrobacterium tumefaciens
19	<a href="#">dle5da1</a>	Alignment		88.6	20	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
20	<a href="#">dl4daa_</a>	Alignment		86.7	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
21	<a href="#">c3p0rA_</a>	Alignment	not modelled	86.1	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> azoreductase; <b>PDBTitle:</b> crystal structure of azoreductase from bacillus anthracis str. Sterne
22	<a href="#">c3b6iB_</a>	Alignment	not modelled	82.5	27	<b>PDB header:</b> flavoprotein <b>Chain:</b> B: <b>PDB Molecule:</b> flavoprotein wrba; <b>PDBTitle:</b> wrba from escherichia coli, native structure
23	<a href="#">dlqrda_</a>	Alignment	not modelled	82.2	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
24	<a href="#">d2qwxal</a>	Alignment	not modelled	80.3	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
25	<a href="#">c1zggA_</a>	Alignment	not modelled	75.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative low molecular weight protein-tyrosine- <b>PDBTitle:</b> solution structure of a low molecular weight protein2 tyrosine phosphatase from bacillus subtilis
26	<a href="#">c3f2vA_</a>	Alignment	not modelled	72.2	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> general stress protein 14; <b>PDBTitle:</b> crystal structure of the general stress protein 142 (tde0354) in complex with fmn from treponema denticola,3 northeast structural genomics consortium target tdr58.
27	<a href="#">c3rh0A_</a>	Alignment	not modelled	71.6	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> arsenate reductase; <b>PDBTitle:</b> corynebacterium glutamicum mycothiol/mycoredoxin1-dependent arsenate2 reductase cg_arsc2
28	<a href="#">d1t5ba_</a>	Alignment	not modelled	67.8	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase

29	<a href="#">c2ohiB</a>	Alignment	not modelled	67.7	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> type a flavoprotein fpri; <b>PDBTitle:</b> crystal structure of coenzyme f420h2 oxidase (fpri), a diiron2 flavoprotein, reduced state
30	<a href="#">c2v9cA</a>	Alignment	not modelled	67.6	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> fmn-dependent nadh-azoreductase 1; <b>PDBTitle:</b> x-ray crystallographic structure of a pseudomonas2 aeruginosa azoreductase in complex with methyl red.
31	<a href="#">c2zkiH</a>	Alignment	not modelled	67.1	23	<b>PDB header:</b> transcription <b>Chain:</b> H: <b>PDB Molecule:</b> 199aa long hypothetical trp repressor binding <b>PDBTitle:</b> crystal structure of hypothetical trp repressor binding2 protein from sul folobus tokodaii (st0872)
32	<a href="#">c1woyA</a>	Alignment	not modelled	66.3	25	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> methionyl-trna synthetase; <b>PDBTitle:</b> crystal structure of methionyl trna synthetase y225f mutant2 from thermus thermophilus
33	<a href="#">c3fvwA</a>	Alignment	not modelled	65.8	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative nad(p)h-dependent fmn reductase; <b>PDBTitle:</b> crystal structure of the q8dwd8_strmu protein from2 streptococcus mutans. northeast structural genomics3 consortium target smr99.
34	<a href="#">d1dg9a</a>	Alignment	not modelled	61.2	13	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases
35	<a href="#">d1dxqa</a>	Alignment	not modelled	60.8	20	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
36	<a href="#">c1vmeB</a>	Alignment	not modelled	56.8	13	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB Molecule:</b> flavoprotein; <b>PDBTitle:</b> crystal structure of flavoprotein (tm0755) from thermotoga maritima at2 1.80 a resolution
37	<a href="#">c2q62A</a>	Alignment	not modelled	55.8	10	<b>PDB header:</b> flavoprotein <b>Chain:</b> A: <b>PDB Molecule:</b> arsh; <b>PDBTitle:</b> crystal structure of arsh from sinorhizobium meliloti
38	<a href="#">c2gi4A</a>	Alignment	not modelled	52.5	29	<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.
39	<a href="#">c3jviA</a>	Alignment	not modelled	51.0	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> protein tyrosine phosphatase; <b>PDBTitle:</b> product state mimic crystal structure of protein tyrosine phosphatase2 from entamoeba histolytica
40	<a href="#">d1t0ba</a>	Alignment	not modelled	47.9	22	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> ThuA-like
41	<a href="#">c3snoA</a>	Alignment	not modelled	46.9	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical aminotransferase; <b>PDBTitle:</b> crystal structure of a hypothetical aminotransferase (ncgl2491) from2 corynebacterium glutamicum atcc 13032 kitasato at 1.60 a resolution
42	<a href="#">d1loboA</a>	Alignment	not modelled	43.7	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
43	<a href="#">d1sqsa</a>	Alignment	not modelled	43.2	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Hypothetical protein SP1951
44	<a href="#">c3rpeA</a>	Alignment	not modelled	41.8	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> modulator of drug activity b; <b>PDBTitle:</b> 1.1 angstrom crystal structure of putative modulator of drug activity2 (mdab) from yersinia pestis co92.
45	<a href="#">c3lcmB</a>	Alignment	not modelled	40.9	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> putative oxidoreductase; <b>PDBTitle:</b> crystal structure of smu.1420 from streptococcus mutans ua159
46	<a href="#">d1acoa2</a>	Alignment	not modelled	37.3	14	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
47	<a href="#">d1qzua</a>	Alignment	not modelled	36.3	19	<b>Fold:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Superfamily:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD <b>Family:</b> Homo-oligomeric flavin-containing Cys decarboxylases, HFCD
48	<a href="#">c3edoA</a>	Alignment	not modelled	36.2	19	<b>PDB header:</b> flavoprotein <b>Chain:</b> A: <b>PDB Molecule:</b> putative trp repressor binding protein; <b>PDBTitle:</b> crystal structure of flavoprotein in complex with fmn2 (yp_193882.1) from lactobacillus acidophilus ncfm at 1.203 a resolution
49	<a href="#">c3k9cA</a>	Alignment	not modelled	35.6	13	<b>PDB header:</b> transcription regulator <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, laci family protein; <b>PDBTitle:</b> crystal structure of laci transcriptional regulator from rhodococcus2 species.
50	<a href="#">d1ja1a2</a>	Alignment	not modelled	34.4	11	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Cytochrome p450 reductase N-terminal domain-like
51	<a href="#">c3cqiD</a>	Alignment	not modelled	33.5	18	<b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> propanediol utilization protein pduu; <b>PDBTitle:</b> crystal structure of the pduu shell protein from the pdu2 microcompartment
52	<a href="#">c2wc1A</a>	Alignment	not modelled	32.2	18	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> flavodoxin; <b>PDBTitle:</b> three-dimensional structure of the nitrogen fixation2 flavodoxin (niff) from rhodobacter capsulatus at 2.2 a

53	<a href="#">d2z98a1</a>	Alignment	not modelled	31.6	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Quinone reductase
54	<a href="#">d1rtta</a>	Alignment	not modelled	31.3	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> NADPH-dependent FMN reductase
55	<a href="#">c5acnA</a>	Alignment	not modelled	31.2	14	<b>PDB header:</b> lyase(carbon-oxygen) <b>Chain:</b> A: <b>PDB Molecule:</b> aconitase; <b>PDBTitle:</b> structure of activated aconitase. formation of the (4fe-4s)2 cluster in the crystal
56	<a href="#">d1s1ma1</a>	Alignment	not modelled	31.1	15	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> Class I glutamine amidotransferases (GAT)
57	<a href="#">c2q9uB</a>	Alignment	not modelled	30.6	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> a-type flavoprotein; <b>PDBTitle:</b> crystal structure of the flavodiiron protein from giardia2 intestinalis
58	<a href="#">c2hvpA</a>	Alignment	not modelled	29.6	21	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> fmn-dependent nadh-azoreductase; <b>PDBTitle:</b> crystal structure of fmn-dependent azoreductase from enterococcus2 faecalis
59	<a href="#">d1lloa</a>	Alignment	not modelled	27.5	24	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> Thioltransferase
60	<a href="#">d1t9ba1</a>	Alignment	not modelled	27.2	19	<b>Fold:</b> DHS-like NAD/FAD-binding domain <b>Superfamily:</b> DHS-like NAD/FAD-binding domain <b>Family:</b> Pyruvate oxidase and decarboxylase, middle domain
61	<a href="#">c3hrlA</a>	Alignment	not modelled	26.2	9	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> endonuclease-like protein; <b>PDBTitle:</b> crystal structure of a putative endonuclease-like protein (ngo0050)2 from neisseria gonorrhoeae
62	<a href="#">d1tjya</a>	Alignment	not modelled	25.7	14	<b>Fold:</b> Periplasmic binding protein-like I <b>Superfamily:</b> Periplasmic binding protein-like I <b>Family:</b> L-arabinose binding protein-like
63	<a href="#">d1rlia</a>	Alignment	not modelled	22.9	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Hypothetical protein YwqN
64	<a href="#">c3h9gA</a>	Alignment	not modelled	22.2	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
65	<a href="#">c3f6sl</a>	Alignment	not modelled	22.2	24	<b>PDB header:</b> electron transport <b>Chain:</b> I: <b>PDB Molecule:</b> flavodoxin; <b>PDBTitle:</b> desulfovibrio desulfuricans (atcc 29577) oxidized flavodoxin2 alternate conformers
66	<a href="#">c3ia0c</a>	Alignment	not modelled	22.1	8	<b>PDB header:</b> structural protein <b>Chain:</b> C: <b>PDB Molecule:</b> ethanolamine utilization protein euts; <b>PDBTitle:</b> ethanolamine utilization microcompartment shell subunit2 euts-g39v mutant
67	<a href="#">d1b1ca</a>	Alignment	not modelled	21.7	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Cytochrome p450 reductase N-terminal domain-like
68	<a href="#">c2fzvC</a>	Alignment	not modelled	21.2	10	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> putative arsenical resistance protein; <b>PDBTitle:</b> crystal structure of an apo form of a flavin-binding protein from2 shigella flexneri
69	<a href="#">d1d1qa</a>	Alignment	not modelled	21.2	19	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases
70	<a href="#">d1gsaa1</a>	Alignment	not modelled	20.8	28	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> Prokaryotic glutathione synthetase, N-terminal domain
71	<a href="#">c3cswB</a>	Alignment	not modelled	20.8	9	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative branched-chain-amino-acid aminotransferase; <b>PDBTitle:</b> crystal structure of a putative branched-chain amino acid2 aminotransferase (tm0831) from thermotoga maritima at 2.15 a3 resolution
72	<a href="#">c2hjrK</a>	Alignment	not modelled	20.3	22	<b>PDB header:</b> oxidoreductase <b>Chain:</b> K: <b>PDB Molecule:</b> malate dehydrogenase; <b>PDBTitle:</b> crystal structure of cryptosporidium parvum malate2 dehydrogenase
73	<a href="#">d2b3ya2</a>	Alignment	not modelled	20.3	30	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
74	<a href="#">d5nula</a>	Alignment	not modelled	20.2	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
75	<a href="#">c3djeA</a>	Alignment	not modelled	20.2	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> fructosyl amine: oxygen oxidoreductase; <b>PDBTitle:</b> crystal structure of the deglycating enzyme fructosamine2 oxidase from aspergillus fumigatus (amadoriase ii) in3 complex with fsa
76	<a href="#">d1h05a</a>	Alignment	not modelled	20.0	18	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Type II 3-dehydroquinatase dehydratase <b>Family:</b> Type II 3-dehydroquinatase dehydratase
77	<a href="#">d1gqoa</a>	Alignment	not modelled	19.3	13	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Type II 3-dehydroquinatase dehydratase <b>Family:</b> Type II 3-dehydroquinatase dehydratase
78	<a href="#">c3chgB</a>	Alignment	not modelled	19.1	36	<b>PDB header:</b> ligand binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> glycine betaine-binding protein; <b>PDBTitle:</b> the compatible solute-binding protein opuac from bacillus2 subtilis in complex with dmsa
						<b>Fold:</b> NAD(P)-binding Rossmann-fold domains

79	<a href="#">dlvkna1</a>	Alignment	not modelled	18.9	0	<b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
80	<a href="#">c3t38B</a>	Alignment	not modelled	18.4	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'
81	<a href="#">c3kydB</a>	Alignment	not modelled	18.3	8	<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
82	<a href="#">c2b3yB</a>	Alignment	not modelled	17.9	27	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> iron-responsive element binding protein 1; <b>PDBTitle:</b> structure of a monoclinic crystal form of human cytosolic aconitase2 (irp1)
83	<a href="#">d1jw9b</a>	Alignment	not modelled	17.9	14	<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
84	<a href="#">d1gtza</a>	Alignment	not modelled	17.8	16	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Type II 3-dehydroquinase dehydratase <b>Family:</b> Type II 3-dehydroquinase dehydratase
85	<a href="#">d1jf8a</a>	Alignment	not modelled	17.6	8	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases
86	<a href="#">c1ychD</a>	Alignment	not modelled	17.5	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> nitric oxide reductase; <b>PDBTitle:</b> x-ray crystal structures of moorella thermoacetica fpra.2 novel diiron site structure and mechanistic insights into3 a scavenging nitric oxide reductase
87	<a href="#">d2f1da1</a>	Alignment	not modelled	17.5	28	<b>Fold:</b> Ribosomal protein S5 domain 2-like <b>Superfamily:</b> Ribosomal protein S5 domain 2-like <b>Family:</b> Imidazole glycerol phosphate dehydratase
88	<a href="#">c3k1yE</a>	Alignment	not modelled	17.1	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> oxidoreductase; <b>PDBTitle:</b> x-ray structure of oxidoreductase from corynebacterium2 diphtheriae. orthorhombic crystal form, northeast structural3 genomics consortium target cdr100d
89	<a href="#">d1rqga2</a>	Alignment	not modelled	17.0	18	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Nucleotidyl transferase <b>Family:</b> Class I aminoacyl-tRNA synthetases (RS), catalytic domain
90	<a href="#">c1y8qD</a>	Alignment	not modelled	16.5	8	<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
91	<a href="#">d2fz5a1</a>	Alignment	not modelled	16.2	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> Flavodoxin-related
92	<a href="#">c3lwzC</a>	Alignment	not modelled	16.1	16	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> 3-dehydroquinase dehydratase; <b>PDBTitle:</b> 1.65 angstrom resolution crystal structure of type ii 3-2 dehydroquinase dehydratase (aroq) from yersinia pestis
93	<a href="#">c1zj8B</a>	Alignment	not modelled	15.7	25	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> probable ferredoxin-dependent nitrite reductase nira; <b>PDBTitle:</b> structure of mycobacterium tuberculosis nira protein
94	<a href="#">c3kzqE</a>	Alignment	not modelled	15.6	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> E: <b>PDB Molecule:</b> putative uncharacterized protein vp2116; <b>PDBTitle:</b> the crystal structure of the protein with unknown function from vibrio2 parahaemolyticus rimd 2210633
95	<a href="#">d2fzva1</a>	Alignment	not modelled	15.4	10	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Flavoproteins <b>Family:</b> NADPH-dependent FMN reductase
96	<a href="#">d1uqra</a>	Alignment	not modelled	15.1	21	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Type II 3-dehydroquinase dehydratase <b>Family:</b> Type II 3-dehydroquinase dehydratase
97	<a href="#">c3n8kG</a>	Alignment	not modelled	15.1	18	<b>PDB header:</b> lyase <b>Chain:</b> G: <b>PDB Molecule:</b> 3-dehydroquinase dehydratase; <b>PDBTitle:</b> type ii dehydroquinase from mycobacterium tuberculosis complexed with2 citrazinic acid
98	<a href="#">c3sp1B</a>	Alignment	not modelled	14.9	27	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> cysteinyI-trna synthetase; <b>PDBTitle:</b> crystal structure of cysteinyI-trna synthetase (cyss) from borrelia2 burgdorferi
99	<a href="#">d5pnta</a>	Alignment	not modelled	14.8	15	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> Phosphotyrosine protein phosphatases I <b>Family:</b> Low-molecular-weight phosphotyrosine protein phosphatases