























Phyre2

Email	mdejesus@rockefeller.edu
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Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1i32D_	 Alignment		100.0	51	PDB header: oxidoreductase Chain: D: PDB Molecule: glyceraldehyde 3-phosphate dehydrogenase; PDBTitle: leishmania mexicana glyceraldehyde-3-phosphate2 dehydrogenase in complex with inhibitors
2	c5id5C_	 Alignment		100.0	53	PDB header: oxidoreductase Chain: C: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of a bacterial dehydrogenase at 2.19 angstroms2 resolution
3	c2ep7B_	 Alignment		100.0	60	PDB header: oxidoreductase Chain: B: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: structural study of project id aq_1065 from aquifex aeolicus vf5
4	c3docD_	 Alignment		100.0	57	PDB header: oxidoreductase Chain: D: PDB Molecule: glyceraldehyde 3-phosphate dehydrogenase; PDBTitle: crystal structure of trka glyceraldehyde-3-phosphate dehydrogenase2 from brucella melitensis
5	c1obfO_	 Alignment		100.0	51	PDB header: glycolytic pathway Chain: O: PDB Molecule: glyceraldehyde 3-phosphate dehydrogenase; PDBTitle: the crystal structure of glyceraldehyde 3-phosphate2 dehydrogenase from alcaligenes xylooxidans at 1.7 a3 resolution.
6	c3hq4R_	 Alignment		100.0	52	PDB header: oxidoreductase Chain: R: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase 1; PDBTitle: crystal structure of c151s mutant of glyceraldehyde-3-phosphate2 dehydrogenase 1 (gapdh1) complexed with nad from staphylococcus3 aureus mrsa252 at 2.2 angstrom resolution
7	c1rm4O_	 Alignment		100.0	55	PDB header: oxidoreductase Chain: O: PDB Molecule: glyceraldehyde 3-phosphate dehydrogenase a; PDBTitle: crystal structure of recombinant photosynthetic glyceraldehyde-3-2 phosphate dehydrogenase a4 isoform, complexed with nadp
8	c6ok4A_	 Alignment		100.0	51	PDB header: oxidoreductase Chain: A: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glyceraldehyde-3-phosphate dehydrogenase (gapdh)2 from chlamydia trachomatis with bound nad
9	c2pkrl_	 Alignment		100.0	55	PDB header: oxidoreductase Chain: I: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase aor; PDBTitle: crystal structure of (a+cte)4 chimeric form of photosynthetic2 glyceraldehyde-3-phosphate dehydrogenase, complexed with nadp
10	c3b20R_	 Alignment		100.0	54	PDB header: oxidoreductase Chain: R: PDB Molecule: glyceraldehyde 3-phosphate dehydrogenase (nadp+); PDBTitle: crystal structure of glyceraldehyde-3-phosphate dehydrogenase2 complexed with nadfrom synechococcus elongatus"
11	c1cerC_	 Alignment		100.0	61	PDB header: oxidoreductase (aldehyde(d)-nad(a)) Chain: C: PDB Molecule: holo-d-glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: determinants of enzyme thermostability observed in the2 molecular structure of thermus aquaticus d-glyceraldehyde-3-3-phosphate dehydrogenase at 2.5 angstroms resolution

12	c2d2iO_	Alignment		100.0	54	PDB header: oxidoreductase Chain: O: PDB Molecule: glycerinaldehyde 3-phosphate dehydrogenase; PDBTitle: crystal structure of nadp-dependent glycerinaldehyde-3-2 phosphate dehydrogenase from synechococcus sp. complexed3 with nadp+
13	c1hdgO_	Alignment		100.0	58	PDB header: oxidoreductase (aldehy(d)-nad(a)) Chain: O: PDB Molecule: holo-d-glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: the crystal structure of holo-glycerinaldehyde-3-phosphate dehydrogenase2 from the hyperthermophilic bacterium thermotoga maritima at 2.53 angstroms resolution
14	c3hjaB_	Alignment		100.0	58	PDB header: oxidoreductase Chain: B: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glycerinaldehyde-3-phosphate dehydrogenase from2 borrelia burgdorferi
15	c2b4rO_	Alignment		100.0	53	PDB header: oxidoreductase Chain: Q: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glycerinaldehyde-3-phosphate dehydrogenase from2 plasmodium falciparum at 2.25 angstrom resolution reveals intriguing3 extra electron density in the active site
16	c1ihxD_	Alignment		100.0	51	PDB header: oxidoreductase Chain: D: PDB Molecule: glycerinaldehyde 3-phosphate dehydrogenase; PDBTitle: crystal structure of two d-glycerinaldehyde-3-phosphate2 dehydrogenase complexes: a case of asymmetry
17	c3cieC_	Alignment		100.0	51	PDB header: oxidoreductase Chain: C: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glycerinaldehyde 3-phosphate2 dehydrogenase from cryptosporidium parvum
18	c3h9eO_	Alignment		100.0	50	PDB header: oxidoreductase Chain: O: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase, testis-specific; PDBTitle: crystal structure of human sperm-specific glycerinaldehyde-3-phosphate2 dehydrogenase (gapds) complex with nad and phosphate
19	c2x5kO_	Alignment		100.0	43	PDB header: oxidoreductase Chain: O: PDB Molecule: d-erythrose-4-phosphate dehydrogenase; PDBTitle: structure of an active site mutant of the d-erythrose-4-phosphate2 dehydrogenase from e. coli
20	c5j9gB_	Alignment		100.0	48	PDB header: oxidoreductase Chain: B: PDB Molecule: glycerinaldehyde-3-p dehydrogenase; PDBTitle: structure of lactobacillus acidophilus glycerinaldehyde-3-phosphate2 dehydrogenase at 2.21 angstrom resolution
21	c4qx6A_	Alignment	not modelled	100.0	54	PDB header: oxidoreductase Chain: A: PDB Molecule: glycerinaldehyde 3-phosphate dehydrogenase; PDBTitle: crystal structure of glycerinaldehyde-3-phosphate dehydrogenase from2 streptococcus agalactiae nem316 at 2.46 angstrom resolution
22	c5ur0B_	Alignment	not modelled	100.0	50	PDB header: oxidoreductase Chain: B: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: crystallographic structure of glycerinaldehyde-3-phosphate dehydrogenase2 from naegleria gruberi
23	c1s7cA_	Alignment	not modelled	100.0	52	PDB header: structural genomics, oxidoreductase Chain: A: PDB Molecule: glycerinaldehyde 3-phosphate dehydrogenase a; PDBTitle: crystal structure of mes buffer bound form of glycerinaldehyde 3-2 phosphate dehydrogenase from escherichia coli
24	c4dibF_	Alignment	not modelled	100.0	55	PDB header: oxidoreductase Chain: F: PDB Molecule: glycerinaldehyde 3-phosphate dehydrogenase; PDBTitle: the crystal structure of glycerinaldehyde-3-phosphate dehydrogenase from2 bacillus anthracis str. Sterne
25	c3sthA_	Alignment	not modelled	100.0	51	PDB header: oxidoreductase Chain: A: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glycerinaldehyde-3-phosphate dehydrogenase from2 toxoplasma gondii
26	c2i5pO_	Alignment	not modelled	100.0	50	PDB header: oxidoreductase Chain: O: PDB Molecule: glycerinaldehyde-3-phosphate dehydrogenase 1; PDBTitle: crystal structure of glycerinaldehyde-3-phosphate2 dehydrogenase isoform 1 from k. marxianus
						PDB header: oxidoreductase(aldehyde(d)-nad(a))

27	c2gd1P	Alignment	not modelled	100.0	61	Chain: P: PDB Molecule: apo-d-glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: coenzyme-induced conformational changes in glyceraldehyde-3-2 phosphate dehydrogenase from bacillus stearothermophilus
28	c5jyfB	Alignment	not modelled	100.0	57	PDB header: oxidoreductase Chain: B: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: structures of streptococcus agalactiae gbs gapdh in different2 enzymatic states
29	c2vyvB	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: B: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glyceraldehyde-3-phosphate2 dehydrogenase
30	c1cf2Q	Alignment	not modelled	100.0	21	PDB header: oxidoreductase Chain: Q: PDB Molecule: protein (glyceraldehyde-3-phosphate dehydrogenase); PDBTitle: three-dimensional structure of d-glyceraldehyde-3-phosphate2 dehydrogenase from the hyperthermophilic archaeon methanothermus3 fervidus
31	d1rm4a2	Alignment	not modelled	100.0	62	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
32	c1b7gO	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: O: PDB Molecule: protein (glyceraldehyde 3-phosphate dehydrogenase); PDBTitle: glyceraldehyde 3-phosphate dehydrogenase
33	d3cmco2	Alignment	not modelled	100.0	62	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
34	d1gado2	Alignment	not modelled	100.0	56	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
35	d2b4ro2	Alignment	not modelled	100.0	57	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
36	d1u8fo2	Alignment	not modelled	100.0	56	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
37	d2g82a2	Alignment	not modelled	100.0	62	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
38	d2pkqo2	Alignment	not modelled	100.0	62	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
39	d1ggaa2	Alignment	not modelled	100.0	53	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
40	d3gpdg2	Alignment	not modelled	100.0	56	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
41	d1i32a2	Alignment	not modelled	100.0	53	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
42	d1dssg2	Alignment	not modelled	100.0	57	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
43	d1k3ta2	Alignment	not modelled	100.0	52	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
44	d1obfo2	Alignment	not modelled	100.0	54	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
45	c2czcD	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: D: PDB Molecule: glyceraldehyde-3-phosphate dehydrogenase; PDBTitle: crystal structure of glyceraldehyde-3-phosphate dehydrogenase from2 pyrococcus horikoshii ot3
46	d1hdgo2	Alignment	not modelled	100.0	62	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
47	d1ggaa1	Alignment	not modelled	100.0	43	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
48	d1k3ta1	Alignment	not modelled	100.0	41	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
49	d3cmco1	Alignment	not modelled	100.0	56	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
50	d1rm4a1	Alignment	not modelled	100.0	44	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
						Fold: NAD(P)-binding Rossmann-fold domains

51	d1hdgo1	Alignment	not modelled	100.0	49	Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
52	d1gado1	Alignment	not modelled	100.0	45	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
53	d1i32a1	Alignment	not modelled	100.0	39	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
54	d2g82a1	Alignment	not modelled	100.0	56	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
55	d1u8fo1	Alignment	not modelled	100.0	41	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
56	d1vc2a1	Alignment	not modelled	100.0	54	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
57	d3gpdg1	Alignment	not modelled	100.0	39	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
58	d1j0xo1	Alignment	not modelled	100.0	41	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
59	d1obfo1	Alignment	not modelled	100.0	46	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
60	d2pkqo1	Alignment	not modelled	100.0	43	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
61	d2b4ro1	Alignment	not modelled	100.0	47	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
62	d1dssg1	Alignment	not modelled	100.0	39	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
63	c2qz9B	Alignment	not modelled	100.0	19	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase2 ii from vibrio cholerae
64	c4dpkB	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: B: PDB Molecule: malonyl-coa/succinyl-coa reductase; PDBTitle: structure of malonyl-coenzyme a reductase from crenarchaeota
65	c2ep5B	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: B: PDB Molecule: 350aa long hypothetical aspartate-semialdehyde PDBTitle: structural study of project id st1242 from sulfobolus tokodaii strain7
66	c2yv3B	Alignment	not modelled	100.0	23	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase from thermus2 thermophilus hb8
67	c2g17A	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: n-acetyl-gamma-glutamyl-phosphate reductase; PDBTitle: the structure of n-acetyl-gamma-glutamyl-phosphate reductase from2 salmonella typhimurium.
68	c1ys4A	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: structure of aspartate-semialdehyde dehydrogenase from methanococcus2 jannaschii
69	c3uw3A	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of an aspartate-semialdehyde dehydrogenase from2 burkholderia thailandensis
70	c2gz3D	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: D: PDB Molecule: aspartate beta-semialdehyde dehydrogenase; PDBTitle: structure of aspartate semialdehyde dehydrogenase (asadh) from2 streptococcus pneumoniae complexed with nadp and aspartate-3 semialdehyde
71	c2q49B	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: B: PDB Molecule: probable n-acetyl-gamma-glutamyl-phosphate reductase; PDBTitle: ensemble refinement of the protein crystal structure of gene product2 from arabidopsis thaliana at2g19940
72	c3kubA	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: A: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semi-aldehyde dehydrogenase complexed2 with glycerol and phosphate of mycobacterium tuberculosis h37rv
73	c1mb4B	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase from vibrio2 cholerae with nadp and s-methyl-l-cysteine sulfoxide
74	c1t4bB	Alignment	not modelled	100.0	18	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: 1.6 angstrom structure of escherichia coli aspartate-2 semialdehyde dehydrogenase. Fold: NAD(P)-binding Rossmann-fold domains

75	d1cf2o1	Alignment	not modelled	100.0	20	Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
76	c5jw6A	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase from2 aspergillus fumigatus
77	c5cefA	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: A: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase from2 cryptococcus neoformans
78	c4wojB	Alignment	not modelled	100.0	17	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate semialdehyde dehydrogenase; PDBTitle: aspartate semialdehyde dehydrogenase from francisella tularensis
79	c2ozpA	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: n-acetyl-gamma-glutamyl-phosphate reductase; PDBTitle: crystal structure of n-acetyl-gamma-glutamyl-phosphate reductase2 (ttha1904) from thermus thermophilus
80	c4zhsC	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: C: PDB Molecule: aspartate semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase from2 trichophyton rubrum
81	c2hjsA	Alignment	not modelled	100.0	16	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: usg-1 protein homolog; PDBTitle: the structure of a probable aspartate-semialdehyde dehydrogenase from2 pseudomonas aeruginosa
82	c1vknC	Alignment	not modelled	100.0	14	PDB header: oxidoreductase reductase; Chain: C: PDB Molecule: n-acetyl-gamma-glutamyl-phosphate reductase2 (tm1782) from thermotoga maritima at 1.80 a resolution
83	c3hskB	Alignment	not modelled	100.0	20	PDB header: oxidoreductase Chain: B: PDB Molecule: aspartate-semialdehyde dehydrogenase; PDBTitle: crystal structure of aspartate semialdehyde dehydrogenase with nadp2 from candida albicans
84	c2i3aD	Alignment	not modelled	100.0	12	PDB header: oxidoreductase Chain: D: PDB Molecule: n-acetyl-gamma-glutamyl-phosphate reductase; PDBTitle: crystal structure of n-acetyl-gamma-glutamyl-phosphate reductase2 (rv1652) from mycobacterium tuberculosis
85	d2gz1a1	Alignment	not modelled	99.9	20	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
86	d1pqua2	Alignment	not modelled	99.9	17	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
87	d1t4ba2	Alignment	not modelled	99.9	16	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
88	d1mb4a2	Alignment	not modelled	99.9	19	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
89	d2gz1a2	Alignment	not modelled	99.9	19	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
90	d2czca2	Alignment	not modelled	99.8	17	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
91	d1cf2o2	Alignment	not modelled	99.7	24	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
92	d1b7go2	Alignment	not modelled	99.7	19	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
93	d2hjsa2	Alignment	not modelled	99.7	17	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
94	d2hjsa1	Alignment	not modelled	99.7	12	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
95	d2cvoa1	Alignment	not modelled	99.6	18	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
96	d2g17a1	Alignment	not modelled	99.6	18	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
97	d1vkna1	Alignment	not modelled	99.6	15	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
98	d2czca1	Alignment	not modelled	99.6	20	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
99	d1b7go1	Alignment	not modelled	99.5	16	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
						Fold: NAD(P)-binding Rossmann-fold domains

100	d2q49a1	Alignment	not modelled	99.5	16	Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
101	d1pqua1	Alignment	not modelled	99.4	17	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
102	d1mb4a1	Alignment	not modelled	99.4	15	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
103	d1t4ba1	Alignment	not modelled	99.4	21	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
104	d2cvoa2	Alignment	not modelled	99.3	11	Fold: FwdE/GAPDH domain-like Superfamily: Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain Family: GAPDH-like
105	c3upyB_	Alignment	not modelled	98.7	16	PDB header: oxidoreductase Chain: B: PDB Molecule: oxidoreductase; PDBTitle: crystal structure of the brucella abortus enzyme catalyzing the first2 committed step of the methylerythritol 4-phosphate pathway.
106	c5z2fA_	Alignment	not modelled	98.6	18	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydrodipicolinate reductase; PDBTitle: nadph/pda bound dihydrodipicolinate reductase from paenisporsarcina2 sp. tg-14
107	c5kt0A_	Alignment	not modelled	98.6	17	PDB header: oxidoreductase Chain: A: PDB Molecule: 4-hydroxy-tetrahydrodipicolinate reductase; PDBTitle: dihydrodipicolinate reductase from the industrial and evolutionarily2 important cyanobacteria anaabaena variabilis.
108	c4jn6B_	Alignment	not modelled	98.5	16	PDB header: lyase/oxidoreductase Chain: B: PDB Molecule: acetaldehyde dehydrogenase; PDBTitle: crystal structure of the aldolase-dehydrogenase complex from2 mycobacterium tuberculosis hrv37
109	c4xb1B_	Alignment	not modelled	98.4	18	PDB header: oxidoreductase Chain: B: PDB Molecule: 319aa long hypothetical homoserine dehydrogenase; PDBTitle: hyperthermophilic archaeal homoserine dehydrogenase in complex with2 nadph
110	c3euwB_	Alignment	not modelled	98.3	22	PDB header: oxidoreductase Chain: B: PDB Molecule: myo-inositol dehydrogenase; PDBTitle: crystal structure of a myo-inositol dehydrogenase from corynebacterium2 glutamicum atcc 13032
111	c5ugjC_	Alignment	not modelled	98.3	14	PDB header: oxidoreductase Chain: C: PDB Molecule: 4-hydroxy-tetrahydrodipicolinate reductase; PDBTitle: crystal structure of htpa reductase from neisseria meningitidis
112	c1nvmB_	Alignment	not modelled	98.3	18	PDB header: lyase/oxidoreductase Chain: B: PDB Molecule: acetaldehyde dehydrogenase (acylating); PDBTitle: crystal structure of a bifunctional aldolase-dehydrogenase :2 sequestering a reactive and volatile intermediate
113	c3wgzB_	Alignment	not modelled	98.2	24	PDB header: oxidoreductase Chain: B: PDB Molecule: meso-diaminopimelate dehydrogenase; PDBTitle: crystal structure of meso-dapdh q154l/t173l/r199m/p248s/h249n/n276s2 mutant with d-leucine of from clostridium tetani e88
114	c3wycB_	Alignment	not modelled	98.2	26	PDB header: oxidoreductase Chain: B: PDB Molecule: meso-diaminopimelate d-dehydrogenase; PDBTitle: structure of a meso-diaminopimelate dehydrogenase in complex with nadp
115	c1drwA_	Alignment	not modelled	98.2	28	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydrodipicolinate reductase; PDBTitle: escherichia coli dhpr/nhdh complex
116	c3wb9A_	Alignment	not modelled	98.2	22	PDB header: oxidoreductase Chain: A: PDB Molecule: diaminopimelate dehydrogenase; PDBTitle: crystal structures of meso-diaminopimelate dehydrogenase from2 symbiobacterium thermophilum
117	c5tenH_	Alignment	not modelled	98.2	24	PDB header: oxidoreductase Chain: H: PDB Molecule: 4-hydroxy-tetrahydrodipicolinate reductase; PDBTitle: structure of 4-hydroxy-tetrahydrodipicolinate reductase from vibrio2 vulnificus with 2,5 furan dicarboxylic and nadh with intact3 polyhistidine tag
118	c4f3yA_	Alignment	not modelled	98.1	25	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydrodipicolinate reductase; PDBTitle: x-ray crystal structure of dihydrodipicolinate reductase from2 burkholderia thailandensis
119	c3iipA_	Alignment	not modelled	98.1	17	PDB header: oxidoreductase Chain: A: PDB Molecule: dihydrodipicolinate reductase; PDBTitle: crystal structure of dihydrodipicolinate reductase from bartonella2 henselae at 2.0a resolution
120	c3fd8A_	Alignment	not modelled	98.1	27	PDB header: oxidoreductase Chain: A: PDB Molecule: oxidoreductase, gfo/idh/moca family; PDBTitle: crystal structure of an oxidoreductase from enterococcus2 faecalis