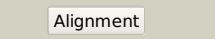
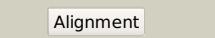
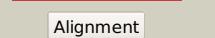
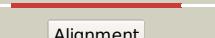
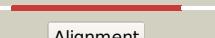
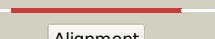


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2971 (-) _3326111_3326959
Date	Thu Aug 8 16:20:13 BST 2019
Unique Job ID	2f24eb50da7c6709

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4otkA_</a>			100.0	100	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> mycobacterial enzyme rv2971; <b>PDBTitle:</b> a structural characterization of the isoniazid mycobacterium2 tuberculosis drug target, rv2971, in its unliganded form
2	<a href="#">d1mzra_</a>			100.0	48	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
3	<a href="#">c3f7jB_</a>			100.0	43	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> yvgn protein; <b>PDBTitle:</b> b.subtilis yvgn
4	<a href="#">d1frba_</a>			100.0	37	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
5	<a href="#">c4fz1A_</a>			100.0	43	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> prostaglandin f synthase; <b>PDBTitle:</b> crystal structure of prostaglandin f synthase from trypanosoma cruzi
6	<a href="#">c3wbwA_</a>			100.0	42	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative 2,5-diketo-d-gluconic acid reductase; <b>PDBTitle:</b> crystal structure of gox0644 in complex with nadph
7	<a href="#">d1mi3a_</a>			100.0	36	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
8	<a href="#">c3h7uA_</a>			100.0	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldo-keto reductase; <b>PDBTitle:</b> crystal structure of the plant stress-response enzyme akr4c9
9	<a href="#">c2wztA_</a>			100.0	67	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldo-keto reductase; <b>PDBTitle:</b> crystal structure of a mycobacterium aldo-keto reductase in its apo2 and liganded form
10	<a href="#">d1hqta_</a>			100.0	38	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
11	<a href="#">c4mhbf_</a>			100.0	39	<b>PDB header:</b> oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b> putative aldo/keto reductase; <b>PDBTitle:</b> structure of a putative reductase from yersinia pestis

12	<a href="#">d1qwka_</a>	Alignment		100.0	38	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
13	<a href="#">c3up8B_</a>	Alignment		100.0	34	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> putative 2,5-diketo-d-gluconic acid reductase b; <b>PDBTitle:</b> crystal structure of a putative 2,5-diketo-d-gluconic acid reductase b
14	<a href="#">c5az0A_</a>	Alignment		100.0	34	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of aldo-keto reductase (akr2e5) of the silkworm,2 bombyx mori
15	<a href="#">d1q5ma_</a>	Alignment		100.0	35	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
16	<a href="#">d2alra_</a>	Alignment		100.0	39	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
17	<a href="#">d1c9wa_</a>	Alignment		100.0	38	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
18	<a href="#">c3wcza_</a>	Alignment		100.0	41	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldo-keto reductase 2e; <b>PDBTitle:</b> crystal structure of bombyx mori aldo-keto reductase (akr2e4) in2 complex with nadp
19	<a href="#">d1vp5a_</a>	Alignment		100.0	42	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
20	<a href="#">c5ketA_</a>	Alignment		100.0	37	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldo-keto reductase 1; <b>PDBTitle:</b> structure of the aldo-keto reductase from coptotermes gestroi
21	<a href="#">c1vbjB_</a>	Alignment	not modelled	100.0	44	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> prostaglandin f synthase; <b>PDBTitle:</b> the crystal structure of prostaglandin f synthase from trypanosoma2 brucei
22	<a href="#">c3b3dA_</a>	Alignment	not modelled	100.0	41	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative morphine dehydrogenase; <b>PDBTitle:</b> b. subtilis ytb
23	<a href="#">c4q3mF_</a>	Alignment	not modelled	100.0	39	<b>PDB header:</b> hydrolase <b>Chain:</b> F: <b>PDB Molecule:</b> mgs-m4; <b>PDBTitle:</b> crystal structure of mgs-m4, an aldo-keto reductase enzyme from a2 medee basin deep-sea metagenome library
24	<a href="#">c3o0kB_</a>	Alignment	not modelled	100.0	48	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> aldo/keto reductase; <b>PDBTitle:</b> crystal structure of aldo/keto reductase from brucella melitensis
25	<a href="#">d1j96a_</a>	Alignment	not modelled	100.0	38	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
26	<a href="#">d1hw6a_</a>	Alignment	not modelled	100.0	49	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
27	<a href="#">d1ah4a_</a>	Alignment	not modelled	100.0	40	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
28	<a href="#">c2bgsA_</a>	Alignment	not modelled	100.0	35	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldose reductase; <b>PDBTitle:</b> holo aldose reductase from barley
						<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> prostaglandin f2-alpha synthase/d-

29	<a href="#">c4f40B_</a>	Alignment	not modelled	100.0	44	<p>arabinose dehydrogenase; <b>PDBTitle:</b> x-ray crystal structure of apo prostaglandin f synthase from2 leishmania major friedlin</p>
30	<a href="#">d1afsa_</a>	Alignment	not modelled	100.0	37	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
31	<a href="#">d1s1pa_</a>	Alignment	not modelled	100.0	37	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
32	<a href="#">c1zgdb_</a>	Alignment	not modelled	100.0	35	<p><b>PDB header:</b>plant protein <b>Chain:</b> B: <b>PDB Molecule:</b>chalcone reductase; <b>PDBTitle:</b> chalcone reductase complexed with nadp+ at 1.7 angstrom2 resolution</p>
33	<a href="#">d1us0a_</a>	Alignment	not modelled	100.0	41	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
34	<a href="#">c3wg6C_</a>	Alignment	not modelled	100.0	32	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b>conjugated polyketone reductase c1; <b>PDBTitle:</b> crystal structure of conjugated polyketone reductase c1 from candida2 parapsilosis complexed with nadph</p>
35	<a href="#">c3h7ra_</a>	Alignment	not modelled	100.0	37	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>aldo-keto reductase; <b>PDBTitle:</b> crystal structure of the plant stress-response enzyme akr4c8</p>
36	<a href="#">c3buvB_</a>	Alignment	not modelled	100.0	37	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b>3-oxo-5-beta-steroid 4-dehydrogenase; <b>PDBTitle:</b> crystal structure of human delta(4)-3-ketosteroid 5-beta-reductase in2 complex with nadp and hepes. resolution: 1.35 a.</p>
37	<a href="#">c4hbkA_</a>	Alignment	not modelled	100.0	40	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>aldo-keto reductase family 1, member b4 (aldose reductase); <b>PDBTitle:</b> structure of the aldose reductase from schistosoma japonicum</p>
38	<a href="#">d1lqaa_</a>	Alignment	not modelled	100.0	25	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
39	<a href="#">c4pmjA_</a>	Alignment	not modelled	100.0	31	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>putative oxidoreductase; <b>PDBTitle:</b> crystal structure of a putative oxidoreductase from sinorhizobium2 melliloti 1021 in complex with nadp</p>
40	<a href="#">c3krbB_</a>	Alignment	not modelled	100.0	34	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b>aldose reductase; <b>PDBTitle:</b> structure of aldose reductase from giardia lamblia at 1.75a resolution</p>
41	<a href="#">d1ur3m_</a>	Alignment	not modelled	100.0	25	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
42	<a href="#">c4xk2A_</a>	Alignment	not modelled	100.0	28	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>aldo/keto reductase; <b>PDBTitle:</b> crystal structure of aldo-keto reductase from polaromonas sp. js666</p>
43	<a href="#">c3erpA_</a>	Alignment	not modelled	100.0	23	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>putative oxidoreductase; <b>PDBTitle:</b> structure of idp01002, a putative oxidoreductase from and essential2 gene of salmonella typhimurium</p>
44	<a href="#">c3vxgA_</a>	Alignment	not modelled	100.0	31	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>conjugated polyketone reductase c2; <b>PDBTitle:</b> crystal structure of conjugated polyketone reductase c2 from candida2 parapsilosis</p>
45	<a href="#">c6hg6A_</a>	Alignment	not modelled	100.0	23	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>l-glyceraldehyde 3-phosphate reductase; <b>PDBTitle:</b> clostridium beijerinckii aldo-keto reductase cbei_3974 with nadph</p>
46	<a href="#">d3eaua1</a>	Alignment	not modelled	100.0	24	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
47	<a href="#">d1pyfa_</a>	Alignment	not modelled	100.0	27	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
48	<a href="#">c3lutA_</a>	Alignment	not modelled	100.0	24	<p><b>PDB header:</b>membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b>voltage-gated potassium channel subunit beta-2; <b>PDBTitle:</b> a structural model for the full-length shaker potassium channel kv1.2</p>
49	<a href="#">c3n2tA_</a>	Alignment	not modelled	100.0	29	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>putative oxidoreductase; <b>PDBTitle:</b> structure of the glycerol dehydrogenase akr11b4 from gluconobacter2 oxydans</p>
50	<a href="#">c3n6qF_</a>	Alignment	not modelled	100.0	21	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> F: <b>PDB Molecule:</b>yghz aldo-keto reductase; <b>PDBTitle:</b> crystal structure of yghz from e. coli</p>
51	<a href="#">d1pz1a_</a>	Alignment	not modelled	100.0	25	<p><b>Fold:</b>TIM beta/alpha-barrel <b>Superfamily:</b>NAD(P)-linked oxidoreductase <b>Family:</b>Aldo-keto reductases (NADP)</p>
52	<a href="#">c3v0tA_</a>	Alignment	not modelled	100.0	24	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>perakine reductase; <b>PDBTitle:</b> crystal structure of perakine reductase, founder member of a novel akr2 subfamily with unique conformational changes during nadph binding</p>
53	<a href="#">c5danA_</a>	Alignment	not modelled	100.0	31	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>2,5-diketo-d-gluconic acid reductase; <b>PDBTitle:</b> crystal structure of a novel aldo keto reductase tm1743 from2 thermotoga maritima in complex with nadp+</p>
54	<a href="#">c4wghA_</a>	Alignment	not modelled	100.0	28	<p><b>PDB header:</b>oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b>aldehyde reductase; <b>PDBTitle:</b> crystal structure of aldo/keto reductase from klebsiella pneumoniae in2 complex with nadp and acetate at 1.8 a resolution</p>

55	<a href="#">c4ijrA</a>	Alignment	not modelled	100.0	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> d-arabinose dehydrogenase [nad(p)+] heavy chain; <b>PDBTitle:</b> crystal structure of saccharomyces cerevisiae arabinose dehydrogenase2 ara1 complexed with nadph
56	<a href="#">d1gvea</a>	Alignment	not modelled	100.0	23	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
57	<a href="#">c6gtmA</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> aldo-keto reductase family protein; <b>PDBTitle:</b> crystal structure of smba in complex with ppGPP.
58	<a href="#">c1ynpA</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> oxidoreductase; <b>PDBTitle:</b> aldo-keto reductase akr11c1 from bacillus halodurans (apo form)
59	<a href="#">c2bp1C</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> aflatoxin b1 aldehyde reductase member 2; <b>PDBTitle:</b> structure of the aflatoxin aldehyde reductase in complex with nadph
60	<a href="#">c4exaD</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> D: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> crystal structure of the pa4992, the putative aldo-keto reductase from2 pseudomonas aeruginosa
61	<a href="#">c3ln3A</a>	Alignment	not modelled	100.0	34	<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) from mus2 musculus at 1.18 a resolution
62	<a href="#">c3l2iB</a>	Alignment	not modelled	85.7	14	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 3-dehydroquinate dehydratase; <b>PDBTitle:</b> 1.85 angstrom crystal structure of the 3-dehydroquinate dehydratase2 (arod) from salmonella typhimurium lt2.
63	<a href="#">c4ph6A</a>	Alignment	not modelled	85.1	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 3-dehydroquinate dehydratase; <b>PDBTitle:</b> structure of 3-dehydroquinate dehydratase from enterococcus faecalis
64	<a href="#">c3g8rA</a>	Alignment	not modelled	84.6	15	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> probable spore coat polysaccharide biosynthesis protein e; <b>PDBTitle:</b> crystal structure of putative spore coat polysaccharide biosynthesis2 protein e from chromobacterium violaceum atcc 12472
65	<a href="#">d1gqna</a>	Alignment	not modelled	80.0	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
66	<a href="#">c3js3C</a>	Alignment	not modelled	78.6	15	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> 3-dehydroquinate dehydratase; <b>PDBTitle:</b> crystal structure of type i 3-dehydroquinate dehydratase (arod) from clostridium difficile with covalent reaction intermediate
67	<a href="#">c1xuzA</a>	Alignment	not modelled	68.6	18	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> polysialic acid capsule biosynthesis protein siac; <b>PDBTitle:</b> crystal structure analysis of sialic acid synthase (neub)from2 neisseria meningitidis, bound to mn2+, phosphoenolpyruvate, and n-3 acetyl mannosaminitol
68	<a href="#">c1vlIA</a>	Alignment	not modelled	63.8	12	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> spore coat polysaccharide biosynthesis protein spse; <b>PDBTitle:</b> crystal structure of spore coat polysaccharide biosynthesis protein2 spse (bsu37870) from bacillus subtilis at 2.38 a resolution
69	<a href="#">c5c6mD</a>	Alignment	not modelled	58.0	19	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of deoxyribose-phosphate aldolase from shewanella2 halifaxensis
70	<a href="#">c6ncsB</a>	Alignment	not modelled	57.9	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> B: <b>PDB Molecule:</b> n-acetyleneuraminc acid (sialic acid) synthetase; <b>PDBTitle:</b> crystal structure of n-acetyleneuraminc acid (sialic acid) synthetase2 from leptospira borgpetersenii serovar hardjo-bovis in complex with3 citrate
71	<a href="#">d1vlia2</a>	Alignment	not modelled	57.9	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> NeuB-like
72	<a href="#">d1jpma1</a>	Alignment	not modelled	57.5	10	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Enolase C-terminal domain-like <b>Family:</b> D-glucarate dehydratase-like
73	<a href="#">d2zdra2</a>	Alignment	not modelled	50.0	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> NeuB-like
74	<a href="#">c3oa3A</a>	Alignment	not modelled	44.3	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> aldolase; <b>PDBTitle:</b> crystal structure of a putative deoxyribose-phosphate aldolase from2 coccidioides immitis
75	<a href="#">c4xbxA</a>	Alignment	not modelled	43.5	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> 2-deoxyribose-5-phosphate aldolase mutant - e78k
76	<a href="#">c2nqlB</a>	Alignment	not modelled	42.2	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> isomerase/lactonizing enzyme; <b>PDBTitle:</b> crystal structure of a member of the enolase superfamily from2 agrobacterium tumefaciens
77	<a href="#">d1sfla</a>	Alignment	not modelled	40.8	12	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
78	<a href="#">c5dbul</a>	Alignment	not modelled	39.1	23	<b>PDB header:</b> lyase <b>Chain:</b> I: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of 2-deoxyribose-5-phosphate aldolase

					(1-220) from2 streptococcus suis
79	<a href="#">d1r0ma1</a>	Alignment	not modelled	38.8	16 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Enolase C-terminal domain-like <b>Family:</b> D-glucarate dehydratase-like
80	<a href="#">d1ub3a_</a>	Alignment	not modelled	38.4	22 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
81	<a href="#">c2ph5A_</a>	Alignment	not modelled	37.1	15 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> homospermidine synthase; <b>PDBTitle:</b> crystal structure of the homospermidine synthase hss from legionella2 pneumophila in complex with nad, northeast structural genomics target3 lgr54
82	<a href="#">c5c2xB_</a>	Alignment	not modelled	36.9	20 <b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of deoxyribose-phosphate aldolase from colwellia2 psychrerythraea (tetragonal form)
83	<a href="#">d2ijqa1</a>	Alignment	not modelled	36.6	16 <b>Fold:</b> Hyaluronidase domain-like <b>Superfamily:</b> TTHA0068-like <b>Family:</b> TTHA0068-like
84	<a href="#">c4plpB_</a>	Alignment	not modelled	34.3	19 <b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> homospermidine synthase; <b>PDBTitle:</b> crystal structure of the homospermidine synthase (hss) from2 blastochloris viridis in complex with nad
85	<a href="#">d1o0ya_</a>	Alignment	not modelled	33.8	22 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
86	<a href="#">c3ngjC_</a>	Alignment	not modelled	32.4	17 <b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of a putative deoxyribose-phosphate aldolase from2 entamoeba histolytica
87	<a href="#">c5m31A_</a>	Alignment	not modelled	31.9	32 <b>PDB header:</b> antitoxin <b>Chain:</b> A: <b>PDB Molecule:</b> appr-1-p processing domain protein; <b>PDBTitle:</b> macrodomain of thermus aquaticus darg
88	<a href="#">d1i27a_</a>	Alignment	not modelled	29.8	15 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> "Winged helix" DNA-binding domain <b>Family:</b> C-terminal domain of the rap74 subunit of TFIIF
89	<a href="#">c6ei9A_</a>	Alignment	not modelled	27.2	11 <b>PDB header:</b> flavoprotein <b>Chain:</b> A: <b>PDB Molecule:</b> tRNA-dihydrouridine synthase b; <b>PDBTitle:</b> crystal structure of e. coli tRNA-dihydrouridine synthase b (dusb)
90	<a href="#">c2o7qA_</a>	Alignment	not modelled	26.2	16 <b>PDB header:</b> oxidoreductase,transferase <b>Chain:</b> A: <b>PDB Molecule:</b> bifunctional 3-dehydroquinate dehydratase/shikimate <b>PDBTitle:</b> crystal structure of the a. thaliana dhq-dehydroshikimate-sdh-2 shikimate-nadp(h)
91	<a href="#">c6ewvA_</a>	Alignment	not modelled	26.0	38 <b>PDB header:</b> peptide binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> nRPs kj12c-ndd, nRPs kj12b-cdd; <b>PDBTitle:</b> solution structure of docking domain complex of rXP nRPs: kj12c_ndd -2 kj12b cdd
92	<a href="#">c2eeeA_</a>	Alignment	not modelled	25.9	15 <b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein c6orf130; <b>PDBTitle:</b> solution structure of the a1pp domain from human protein2 c6orf130
93	<a href="#">c3c5yD_</a>	Alignment	not modelled	25.5	13 <b>PDB header:</b> isomerase <b>Chain:</b> D: <b>PDB Molecule:</b> ribose/galactose isomerase; <b>PDBTitle:</b> crystal structure of a putative ribose 5-phosphate isomerase2 (saro_3514) from novosphingobium aromaticivorans dsm at 1.81 Å resolution
94	<a href="#">d1mzha_</a>	Alignment	not modelled	24.9	21 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
95	<a href="#">c3ejfA_</a>	Alignment	not modelled	24.3	30 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> non-structural protein 3; <b>PDBTitle:</b> crystal structure of ibv x-domain at pH 8.5
96	<a href="#">c3smaD_</a>	Alignment	not modelled	23.8	17 <b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> frbf; <b>PDBTitle:</b> a new n-acetyltransferase fold in the structure and mechanism of the2 phosphonate biosynthetic enzyme frbf
97	<a href="#">d1vcva1</a>	Alignment	not modelled	23.3	30 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
98	<a href="#">d2fg1a1</a>	Alignment	not modelled	22.8	19 <b>Fold:</b> Macro domain-like <b>Superfamily:</b> Macro domain-like <b>Family:</b> Macro domain
99	<a href="#">c5d88A_</a>	Alignment	not modelled	22.1	34 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> predicted protease of the collagenase family; <b>PDBTitle:</b> the structure of the u32 peptidase mk0906
100	<a href="#">d1p1xa_</a>	Alignment	not modelled	21.7	21 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
101	<a href="#">c1tx2A_</a>	Alignment	not modelled	21.1	15 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dHPS, dihydropteroate synthase; <b>PDBTitle:</b> dihydropteroate synthetase, with bound inhibitor manic, from bacillus2 anthracis
102	<a href="#">d1tx2a_</a>	Alignment	not modelled	21.1	15 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Dihydropteroate synthetase-like <b>Family:</b> Dihydropteroate synthetase
103	<a href="#">d1wlza1</a>	Alignment	not modelled	20.5	19 <b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> EF-hand modules in multidomain proteins