











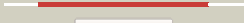

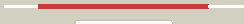

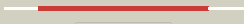



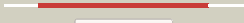



#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1mzra_</a>	 Alignment		100.0	100	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
2	<a href="#">c1vbjb_</a>	 Alignment		100.0	42	<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 from2 trypanosoma brucei
3	<a href="#">d1frba_</a>	 Alignment		100.0	41	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
4	<a href="#">c3f7jb_</a>	 Alignment		100.0	45	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> yvgn protein; <b>PDBTitle:</b> b.subtilis yvgn
5	<a href="#">d1hw6a_</a>	 Alignment		100.0	51	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
6	<a href="#">c3h7uA_</a>	 Alignment		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
7	<a href="#">d1hqta_</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)
8	<a href="#">c2wztA_</a>	 Alignment		100.0	42	<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 in2 its apo and liganded form
9	<a href="#">c3o0kB_</a>	 Alignment		100.0	51	<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
10	<a href="#">d1qwka_</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)
11	<a href="#">d1vp5a_</a>	 Alignment		100.0	45	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)

12	<a href="#">c3b3dA_</a>	Alignment		100.0	46	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative morphine dehydrogenase; <b>PDBTitle:</b> b.subtilis ytb
13	<a href="#">c2bgsA_</a>	Alignment		100.0	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> aldose reductase; <b>PDBTitle:</b> holo aldose reductase from barley
14	<a href="#">d1q5ma_</a>	Alignment		100.0	36	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
15	<a href="#">d1c9wa_</a>	Alignment		100.0	40	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
16	<a href="#">d1ah4a_</a>	Alignment		100.0	41	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
17	<a href="#">d1mi3a_</a>	Alignment		100.0	40	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
18	<a href="#">d2alra_</a>	Alignment		100.0	40	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
19	<a href="#">c3up8B_</a>	Alignment		100.0	28	<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
20	<a href="#">d1afsa_</a>	Alignment		100.0	34	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
21	<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)
22	<a href="#">d1us0a_</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)
23	<a href="#">d1s1pa_</a>	Alignment	not modelled	100.0	37	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
24	<a href="#">c1zgdB_</a>	Alignment	not modelled	100.0	37	<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
25	<a href="#">c3h7rA_</a>	Alignment	not modelled	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 akr4c8
26	<a href="#">c3buVB_</a>	Alignment	not modelled	100.0	35	<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.
27	<a href="#">d1ur3m_</a>	Alignment	not modelled	100.0	24	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
28	<a href="#">d1lqaa_</a>	Alignment	not modelled	100.0	29	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
29	<a href="#">c3n3tA_</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> putative oxidoreductase;

29	<a href="#">c3n2vA</a>	Alignment	not modelled	100.0	29	<b>PDBTitle:</b> structure of the glycerol dehydrogenase akr11b4 from gluconobacter2 oxydans <b>PDB header:</b> oxidoreductase
30	<a href="#">c3krbB</a>	Alignment	not modelled	100.0	37	<b>Chain:</b> B: <b>PDB Molecule:</b> aldose reductase; <b>PDBTitle:</b> structure of aldose reductase from giardia lamblia at 1.75a resolution
31	<a href="#">c3erpA</a>	Alignment	not modelled	100.0	26	<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
32	<a href="#">d1pz1a</a>	Alignment	not modelled	100.0	27	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
33	<a href="#">d1pyfa</a>	Alignment	not modelled	100.0	25	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
34	<a href="#">d3eaua1</a>	Alignment	not modelled	100.0	27	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
35	<a href="#">c3luta</a>	Alignment	not modelled	100.0	27	<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
36	<a href="#">c3n6qF</a>	Alignment	not modelled	100.0	23	<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
37	<a href="#">c1ynpA</a>	Alignment	not modelled	100.0	19	<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)
38	<a href="#">d1gvea</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> NAD(P)-linked oxidoreductase <b>Family:</b> Aldo-keto reductases (NADP)
39	<a href="#">c2bp1C</a>	Alignment	not modelled	100.0	19	<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 complex2 with nadph
40	<a href="#">c3ln3A</a>	Alignment	not modelled	100.0	33	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrodiol dehydrogenase; <b>PDBTitle:</b> crystal structure of putative reductase (np_038806.2) from2 mus musculus at 1.18 a resolution
41	<a href="#">c3g8rA</a>	Alignment	not modelled	74.8	13	<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
42	<a href="#">c2ftpA</a>	Alignment	not modelled	59.7	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxymethylglutaryl-coa lyase; <b>PDBTitle:</b> crystal structure of hydroxymethylglutaryl-coa lyase from pseudomonas2 aeruginosa
43	<a href="#">d1jpma1</a>	Alignment	not modelled	58.7	8	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Enolase C-terminal domain-like <b>Family:</b> D-glucarate dehydratase-like
44	<a href="#">d1x87a</a>	Alignment	not modelled	56.2	18	<b>Fold:</b> Urocanase <b>Superfamily:</b> Urocanase <b>Family:</b> Urocanase
45	<a href="#">c3oa3A</a>	Alignment	not modelled	46.7	12	<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
46	<a href="#">c3k13A</a>	Alignment	not modelled	45.5	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 5-methyltetrahydrofolate-homocysteine methyltransferase; <b>PDBTitle:</b> structure of the pterin-binding domain metr of 5-2 methyltetrahydrofolate-homocysteine methyltransferase from3 bacteroides thetaiotaomicron
47	<a href="#">c1vliA</a>	Alignment	not modelled	43.3	9	<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
48	<a href="#">d1o0ya</a>	Alignment	not modelled	40.7	9	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
49	<a href="#">c3eegB</a>	Alignment	not modelled	39.4	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-isopropylmalate synthase; <b>PDBTitle:</b> crystal structure of a 2-isopropylmalate synthase from2 cytophaga hutchinsonii
50	<a href="#">d1ub3a</a>	Alignment	not modelled	39.3	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
51	<a href="#">d1r0ma1</a>	Alignment	not modelled	36.9	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Enolase C-terminal domain-like <b>Family:</b> D-glucarate dehydratase-like
52	<a href="#">c1xuzA</a>	Alignment	not modelled	35.8	15	<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
53	<a href="#">d1vlia2</a>	Alignment	not modelled	35.5	9	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase

					<b>Family:</b> NeuB-like
54	<a href="#">d1sr9a2</a>	Alignment	not modelled	34.4	14 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> HMGL-like
55	<a href="#">d1mzha</a>	Alignment	not modelled	34.2	10 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
56	<a href="#">c2yl8A</a>	Alignment	not modelled	32.8	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-n-acetylhexosaminidase; <b>PDBTitle:</b> inhibition of the pneumococcal virulence factor strh and2 molecular insights into n-glycan recognition and3 hydrolysis
57	<a href="#">c3ngjC</a>	Alignment	not modelled	32.7	7 <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
58	<a href="#">c3ewbX</a>	Alignment	not modelled	31.7	12 <b>PDB header:</b> transferase <b>Chain:</b> X: <b>PDB Molecule:</b> 2-isopropylmalate synthase; <b>PDBTitle:</b> crystal structure of n-terminal domain of putative 2-2 isopropylmalate synthase from listeria monocytogenes
59	<a href="#">c2ph5A</a>	Alignment	not modelled	29.7	7 <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
60	<a href="#">c3ke8A</a>	Alignment	not modelled	29.7	24 <b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate <b>PDBTitle:</b> crystal structure of isph:hmbpp-complex
61	<a href="#">c2cw6B</a>	Alignment	not modelled	29.7	23 <b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> hydroxymethylglutaryl-coa lyase, mitochondrial; <b>PDBTitle:</b> crystal structure of human hmg-coa lyase: insights into2 catalysis and the molecular basis for3 hydroxymethylglutaric aciduria
62	<a href="#">c2it0A</a>	Alignment	not modelled	27.1	12 <b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> iron-dependent repressor ider; <b>PDBTitle:</b> crystal structure of a two-domain ider-dna complex crystal2 form ii
63	<a href="#">c2ylaA</a>	Alignment	not modelled	26.8	14 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-n-acetylhexosaminidase; <b>PDBTitle:</b> inhibition of the pneumococcal virulence factor strh and2 molecular insights into n-glycan recognition and3 hydrolysis
64	<a href="#">c2qdeA</a>	Alignment	not modelled	26.7	11 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> mandelate racemase/muconate lactonizing enzyme family <b>PDBTitle:</b> crystal structure of mandelate racemase/muconate lactonizing family2 protein from azoarcus sp. ebn1
65	<a href="#">d2ijqa1</a>	Alignment	not modelled	26.6	9 <b>Fold:</b> Hyaluronidase domain-like <b>Superfamily:</b> TTHA0068-like <b>Family:</b> TTHA0068-like
66	<a href="#">d1oi7a1</a>	Alignment	not modelled	25.3	19 <b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> CoA-binding domain
67	<a href="#">c3dnfB</a>	Alignment	not modelled	24.9	16 <b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-hydroxy-3-methylbut-2-enyl diphosphate reductase; <b>PDBTitle:</b> structure of (e)-4-hydroxy-3-methyl-but-2-enyl diphosphate reductase,2 the terminal enzyme of the non-mevalonate pathway
68	<a href="#">c3rpmA</a>	Alignment	not modelled	24.6	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-n-acetyl-hexosaminidase; <b>PDBTitle:</b> crystal structure of the first gh20 domain of a novel beta-n-acetyl-2 hexosaminidase strh from streptococcus pneumoniae r6
69	<a href="#">d1wlza1</a>	Alignment	not modelled	24.4	4 <b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> EF-hand modules in multidomain proteins
70	<a href="#">c1wlzD</a>	Alignment	not modelled	24.4	4 <b>PDB header:</b> unknown function <b>Chain:</b> D: <b>PDB Molecule:</b> cap-binding protein complex interacting protein <b>PDBTitle:</b> crystal structure of djbp fragment which was obtained by2 limited proteolysis
71	<a href="#">c2x4hA</a>	Alignment	not modelled	24.1	7 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein sso2273; <b>PDBTitle:</b> crystal structure of the hypothetical protein sso2273 from2 sulfolobus solfataricus
72	<a href="#">d1vcva1</a>	Alignment	not modelled	23.9	13 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
73	<a href="#">d1n7ka</a>	Alignment	not modelled	23.6	6 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
74	<a href="#">d1yh7a1</a>	Alignment	not modelled	23.4	11 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-N-acetylhexosaminidase catalytic domain
75	<a href="#">c1u83A</a>	Alignment	not modelled	23.0	14 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphosulfolactate synthase; <b>PDBTitle:</b> psl synthase from bacillus subtilis
76	<a href="#">d1u83a</a>	Alignment	not modelled	23.0	14 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (2r)-phospho-3-sulfolactate synthase ComA <b>Family:</b> (2r)-phospho-3-sulfolactate synthase ComA
77	<a href="#">c3ng3A</a>	Alignment	not modelled	22.7	12 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> deoxyribose-phosphate aldolase; <b>PDBTitle:</b> crystal structure of deoxyribose phosphate aldolase from mycobacterium2 avium 104 in a schiff base with an unknown aldehyde <b>PDB header:</b> transcription

78	<a href="#">c2k6xA</a>	Alignment	not modelled	22.0	4	<b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor rpoD; <b>PDBTitle:</b> autoregulation of a group 1 bacterial sigma factor involves2 the formation of a region 1.1- induced compacted structure
79	<a href="#">c3lmzA</a>	Alignment	not modelled	21.8	10	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> putative sugar isomerase; <b>PDBTitle:</b> crystal structure of putative sugar isomerase. (yp_001305105.1) from2 parabacteroides distasonis atcc 8503 at 1.44 a resolution
80	<a href="#">c2nqlB</a>	Alignment	not modelled	21.5	12	<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
81	<a href="#">c2eeeA</a>	Alignment	not modelled	21.0	32	<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
82	<a href="#">c3smaD</a>	Alignment	not modelled	20.8	21	<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
83	<a href="#">dlp1xA</a>	Alignment	not modelled	19.9	10	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
84	<a href="#">d2zdra2</a>	Alignment	not modelled	19.5	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> NeuB-like
85	<a href="#">c2zyfA</a>	Alignment	not modelled	18.6	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> homocitrate synthase; <b>PDBTitle:</b> crystal structure of homocitrate synthase from thermus thermophilus2 complexed with magnesuim ion and alpha-ketoglutarate
86	<a href="#">c3e4fB</a>	Alignment	not modelled	18.4	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminoglycoside n3-acetyltransferase; <b>PDBTitle:</b> crystal structure of ba2930- a putative aminoglycoside n3-2 acetyltransferase from bacillus anthracis
87	<a href="#">dljsda1</a>	Alignment	not modelled	17.9	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Enolase C-terminal domain-like <b>Family:</b> D-glucarate dehydratase-like
88	<a href="#">dlg3wa2</a>	Alignment	not modelled	17.2	10	<b>Fold:</b> Iron-dependent repressor protein, dimerization domain <b>Superfamily:</b> Iron-dependent repressor protein, dimerization domain <b>Family:</b> Iron-dependent repressor protein, dimerization domain
89	<a href="#">c3ejfA</a>	Alignment	not modelled	17.2	32	<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
90	<a href="#">c1ydnA</a>	Alignment	not modelled	16.7	20	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxymethylglutaryl-coa lyase; <b>PDBTitle:</b> crystal structure of the hmg-coa lyase from brucella melitensis,2 northeast structural genomics target Ir35.
91	<a href="#">c3ik4A</a>	Alignment	not modelled	16.6	13	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> mandelate racemase/muconate lactonizing protein; <b>PDBTitle:</b> crystal structure of mandelate racemase/muconate lactonizing protein2 from herpetosiphon aurantiacus
92	<a href="#">c3i6eA</a>	Alignment	not modelled	16.5	11	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> muconate cycloisomerase i; <b>PDBTitle:</b> crystal structure of muconate lactonizing enzyme from2 ruegeria pomeroyi.
93	<a href="#">dlslfa</a>	Alignment	not modelled	16.4	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class I aldolase
94	<a href="#">c1nvmG</a>	Alignment	not modelled	16.4	11	<b>PDB header:</b> lyase/oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> 4-hydroxy-2-oxovalerate aldolase; <b>PDBTitle:</b> crystal structure of a bifunctional aldolase-dehydrogenase :2 sequestering a reactive and volatile intermediate
95	<a href="#">c3l2iB</a>	Alignment	not modelled	15.3	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.
96	<a href="#">c3ivuB</a>	Alignment	not modelled	15.3	11	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> homocitrate synthase, mitochondrial; <b>PDBTitle:</b> homocitrate synthase lys4 bound to 2-og
97	<a href="#">c3ktcB</a>	Alignment	not modelled	14.9	35	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> xylose isomerase; <b>PDBTitle:</b> crystal structure of putative sugar isomerase (yp_050048.1) from2 erwinia carotovora atroseptica scri1043 at 1.54 a resolution
98	<a href="#">c3ddmD</a>	Alignment	not modelled	14.8	10	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> putative mandelate racemase/muconate lactonizing <b>PDBTitle:</b> crystal structure of mandelate racemase/muconate2 lactonizing enzyme from bordetella bronchiseptica rb50
99	<a href="#">c2qgyA</a>	Alignment	not modelled	14.7	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> enolase from the environmental genome shotgun <b>PDBTitle:</b> crystal structure of an enolase from the environmental2 genome shotgun sequencing of the sargasso sea