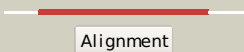

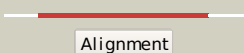

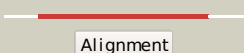

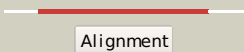

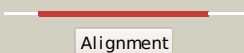





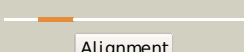

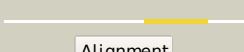
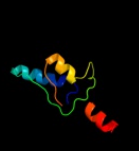
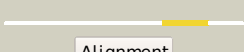

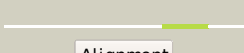


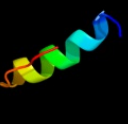

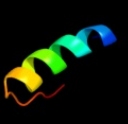


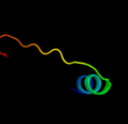




# Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P0A7J0
Date	Thu Jan 5 11:05:45 GMT 2012
Unique Job ID	5e17918f389f11e8



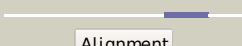

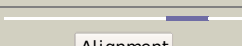
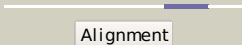
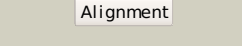
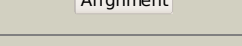

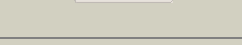
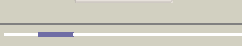
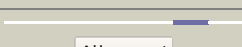
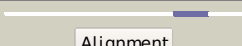

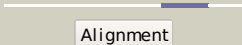
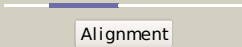




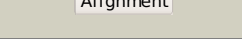

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">dlg57a_</a>	 Alignment		100.0	100	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> 3,4-dihydroxy-2-butanone 4-phosphate synthase, DHBP synthase, RibB
2	<a href="#">dlk4ia_</a>	 Alignment		100.0	46	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> 3,4-dihydroxy-2-butanone 4-phosphate synthase, DHBP synthase, RibB
3	<a href="#">dlsnna_</a>	 Alignment		100.0	31	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> 3,4-dihydroxy-2-butanone 4-phosphate synthase, DHBP synthase, RibB
4	<a href="#">dltksa_</a>	 Alignment		100.0	49	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> 3,4-dihydroxy-2-butanone 4-phosphate synthase, DHBP synthase, RibB
5	<a href="#">c3mioA_</a>	 Alignment		100.0	48	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 3,4-dihydroxy-2-butanone 4-phosphate synthase; <b>PDBTitle:</b> crystal structure of 3,4-dihydroxy-2-butanone 4-phosphate synthase2 domain from mycobacterium tuberculosis at ph 6.00
6	<a href="#">dl1h0a_</a>	 Alignment		93.3	22	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
7	<a href="#">c3n2lA_</a>	 Alignment		87.7	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> 2.1 angstrom resolution crystal structure of an orotate2 phosphoribosyltransferase (pyre) from vibrio cholerae o1 biovar eltor3 str. n16961
8	<a href="#">dly0na_</a>	 Alignment		82.9	34	<b>Fold:</b> YehU-like <b>Superfamily:</b> YehU-like <b>Family:</b> YehU-like
9	<a href="#">c3mjda_</a>	 Alignment		76.3	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> 1.9 angstrom crystal structure of orotate2 phosphoribosyltransferase (pyre) francisella tularensis.
10	<a href="#">dl0hwa_</a>	 Alignment		72.9	20	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
11	<a href="#">dljs3a_</a>	 Alignment		68.7	15	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> Pyridoxal-dependent decarboxylase

12	<a href="#">d1ko7a1</a>	Alignment		59.8	16	<b>Fold:</b> MurF and HprK N-domain-like <b>Superfamily:</b> HprK N-terminal domain-like <b>Family:</b> HPr kinase/phosphatase HprK N-terminal domain
13	<a href="#">c3p04A_</a>	Alignment		49.2	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized bcr; <b>PDBTitle:</b> crystal structure of the bcr protein from corynebacterium glutamicum.2 northeast structural genomics consortium target cgr8
14	<a href="#">c2przB_</a>	Alignment		48.4	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> orotate phosphoribosyltransferase 1; <b>PDBTitle:</b> s. cerevisiae orotate phosphoribosyltransferase complexed2 with omp
15	<a href="#">c3p04B_</a>	Alignment		46.3	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized bcr; <b>PDBTitle:</b> crystal structure of the bcr protein from corynebacterium glutamicum.2 northeast structural genomics consortium target cgr8
16	<a href="#">c2wnsB_</a>	Alignment		41.6	16	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> human orotate phosphoribosyltransferase (oprtae) domain of2 uridine 5'-monophosphate synthase (umps) in complex with3 its substrate orotidine 5'-monophosphate (omp)
17	<a href="#">d1tifa_</a>	Alignment		41.5	26	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Translation initiation factor IF3, N-terminal domain <b>Family:</b> Translation initiation factor IF3, N-terminal domain
18	<a href="#">c2uvpB_</a>	Alignment		38.7	17	<b>PDB header:</b> unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> hoba; <b>PDBTitle:</b> crystal structure of hoba (hp1230)from helicobacter pylori
19	<a href="#">d1oevj_</a>	Alignment		38.6	35	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> CAD & PB1 domains <b>Family:</b> PB1 domain
20	<a href="#">c3bcxA_</a>	Alignment		37.3	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cdp-6-deoxy-l-threo-d-glycero-4-hexulose-3- <b>PDBTitle:</b> e1 dehydrase
21	<a href="#">c3qw4B_</a>	Alignment	not modelled	36.4	19	<b>PDB header:</b> transferase, lyase <b>Chain:</b> B: <b>PDB Molecule:</b> ump synthase; <b>PDBTitle:</b> structure of leishmania donovani ump synthase
22	<a href="#">c2p1zA_</a>	Alignment	not modelled	32.4	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of phosphoribosyltransferase from corynebacterium2 diphtheriae
23	<a href="#">c3nuiA_</a>	Alignment	not modelled	31.1	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate transaminase; <b>PDBTitle:</b> crystal structure of omega-transferase from vibrio fluvialis js17
24	<a href="#">c3jszA_</a>	Alignment	not modelled	30.7	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein; <b>PDBTitle:</b> legionella pneumophila glucosyltransferase lgt1 n293a with udp-glc
25	<a href="#">c3hmuA_</a>	Alignment	not modelled	30.5	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> aminotransferase, class iii; <b>PDBTitle:</b> crystal structure of a class iii aminotransferase from2 silicibacter pomeroyi
26	<a href="#">c3k40B_</a>	Alignment	not modelled	30.4	24	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> aromatic-l-amino-acid decarboxylase; <b>PDBTitle:</b> crystal structure of drosophila 3,4-dihydroxyphenylalanine2 decarboxylase
27	<a href="#">c2okkA_</a>	Alignment	not modelled	30.0	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate decarboxylase 2; <b>PDBTitle:</b> the x-ray crystal structure of the 65kda isoform of glutamic acid2 decarboxylase (gad65)
28	<a href="#">c2ordA_</a>	Alignment	not modelled	29.8	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetylornithine aminotransferase; <b>PDBTitle:</b> crystal structure of acetylornithine aminotransferase (ec 2.6.1.11)2 (acoat) (tm1785) from thermotoga maritima at 1.40 a resolution

29	<a href="#">c2eo5A</a>	 Alignment	not modelled	29.0	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 419aa long hypothetical aminotransferase; <b>PDBTitle:</b> crystal structure of 4-aminobutyrate aminotransferase from <i>sulfolobus2 tokodaii strain7</i>
30	<a href="#">c2i09A</a>	 Alignment	not modelled	28.9	19	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> asr4154 protein; <b>PDBTitle:</b> solution nmr structure of protein asr4154 from <i>nostoc sp. pcc71202 northeast structural genomics consortium target id nsr143</i>
31	<a href="#">c3oksB</a>	 Alignment	not modelled	28.7	19	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> 4-aminobutyrate transaminase; <b>PDBTitle:</b> crystal structure of 4-aminobutyrate transaminase from <i>mycobacterium2 smegmatis</i>
32	<a href="#">d1hrua</a>	 Alignment	not modelled	28.0	12	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> YrdC-like
33	<a href="#">c2cjdA</a>	 Alignment	not modelled	27.6	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> l-lysine-epsilon aminotransferase; <b>PDBTitle:</b> lysine aminotransferase from <i>m. tuberculosis</i> in external2 aldimine form
34	<a href="#">c3dezA</a>	 Alignment	not modelled	26.4	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of orotate phosphoribosyltransferase from <i>2 streptococcus mutans</i>
35	<a href="#">c3i44A</a>	 Alignment	not modelled	26.1	12	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate-1-semialdehyde 2,1-aminomutase 1; <b>PDBTitle:</b> crystal structure of <i>bacillus anthracis</i> heml-1, glutamate semialdehyde2 aminotransferase
36	<a href="#">d1h8ba</a>	 Alignment	not modelled	25.2	16	<b>Fold:</b> EF Hand-like <b>Superfamily:</b> EF-hand <b>Family:</b> EF-hand modules in multidomain proteins
37	<a href="#">d1yqea1</a>	 Alignment	not modelled	24.8	15	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> AF0625-like <b>Family:</b> AF0625-like
38	<a href="#">c3m3hA</a>	 Alignment	not modelled	24.4	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> 1.75 angstrom resolution crystal structure of an orotate2 phosphoribosyltransferase from <i>bacillus anthracis</i> str. 'ames3 ancestor'
39	<a href="#">c2jisA</a>	 Alignment	not modelled	24.1	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> cysteine sulfinic acid decarboxylase; <b>PDBTitle:</b> human cysteine sulfinic acid decarboxylase (csad) in2 complex with plp.
40	<a href="#">c3fcrA</a>	 Alignment	not modelled	23.9	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> putative aminotransferase; <b>PDBTitle:</b> crystal structure of putative aminotransferase (yp_614685.1) from <i>2 silicibacter sp. tm1040</i> at 1.80 a resolution
41	<a href="#">d1sffa</a>	 Alignment	not modelled	23.2	18	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
42	<a href="#">d1fc4a</a>	 Alignment	not modelled	23.0	20	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
43	<a href="#">c2gfaC</a>	 Alignment	not modelled	22.4	14	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> upf0204 protein ph0006; <b>PDBTitle:</b> structure of protein of unknown function ph0006 from <i>pyrococcus2 horikoshii</i>
44	<a href="#">c1t3mA</a>	 Alignment	not modelled	22.2	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative l-asparaginase; <b>PDBTitle:</b> structure of the isoaspartyl peptidase with l-asparaginase2 activity from <i>e. coli</i>
45	<a href="#">d1j20a1</a>	 Alignment	not modelled	22.0	22	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> N-type ATP pyrophosphatases
46	<a href="#">d1fvpa</a>	 Alignment	not modelled	21.9	26	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Bacterial luciferase-like <b>Family:</b> Non-fluorescent flavoprotein (luxF, FP390)
47	<a href="#">c3bs8A</a>	 Alignment	not modelled	21.1	14	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate-1-semialdehyde 2,1-aminomutase; <b>PDBTitle:</b> crystal structure of glutamate 1-semialdehyde aminotransferase2 complexed with pyridoxamine-5'-phosphate from <i>bacillus subtilis</i>
48	<a href="#">c2w8wA</a>	 Alignment	not modelled	20.8	24	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> serine palmitoyltransferase; <b>PDBTitle:</b> n100y spt with plp-ser
49	<a href="#">d2aeaa1</a>	 Alignment	not modelled	20.8	17	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
50	<a href="#">c3ndnC</a>	 Alignment	not modelled	20.7	14	<b>PDB header:</b> lyase <b>Chain:</b> C: <b>PDB Molecule:</b> o-succinylhomoserine sulfhydrylase; <b>PDBTitle:</b> crystal structure of o-succinylhomoserine sulfhydrylase from <i>2 mycobacterium tuberculosis</i> covalently bound to pyridoxal-5-phosphate
51	<a href="#">c3nx3A</a>	 Alignment	not modelled	20.6	12	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acetylornithine aminotransferase; <b>PDBTitle:</b> crystal structure of acetylornithine aminotransferase (argd) from <i>2 campylobacter jejuni</i>
52	<a href="#">d1vbga2</a>	 Alignment	not modelled	19.6	13	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> Pyruvate phosphate dikinase, central domain
53	<a href="#">c3nh3B</a>	 Alignment	not modelled	19.5	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> acetylornithine/succinyldiaminopimelate aminotransferase;

53	<a href="#">c2p02B</a>	Alignment	not modelled	19.3	17	<b>PDBTitle:</b> structure of biosynthetic n-acetylornithine aminotransferase from2 salmonella typhimurium: studies on substrate specificity and3 inhibitor binding
54	<a href="#">d1vkma</a>	Alignment	not modelled	19.3	20	<b>Fold:</b> Indigoidine synthase A-like <b>Superfamily:</b> Indigoidine synthase A-like <b>Family:</b> Indigoidine synthase A-like
55	<a href="#">c3n5mD</a>	Alignment	not modelled	18.8	17	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> adenosylmethionine-8-amino-7-oxononanoate aminotransferase; <b>PDBTitle:</b> crystals structure of a bacillus anthracis aminotransferase
56	<a href="#">c3iuuA</a>	Alignment	not modelled	18.7	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative metallopeptidase; <b>PDBTitle:</b> crystal structure of putative metallopeptidase (yp_676511.1) from2 mesorhizobium sp. bnc1 at 2.13 a resolution
57	<a href="#">c2gezE</a>	Alignment	not modelled	18.5	11	<b>PDB header:</b> hydrolase <b>Chain:</b> E: <b>PDB Molecule:</b> l-asparaginase alpha subunit; <b>PDBTitle:</b> crystal structure of potassium-independent plant asparaginase
58	<a href="#">c1apyA</a>	Alignment	not modelled	18.5	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> aspartylglucosaminidase; <b>PDBTitle:</b> human aspartylglucosaminidase
59	<a href="#">c2yzkC</a>	Alignment	not modelled	18.2	24	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> orotate phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of orotate phosphoribosyltransferase from2 aeropyrum pernix
60	<a href="#">c2k89A</a>	Alignment	not modelled	18.0	8	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> phospholipase a-2-activating protein; <b>PDBTitle:</b> solution structure of a novel ubiquitin-binding domain from2 human plaa (pfuc, gly76-pro77 cis isomer)
61	<a href="#">c2jyaA</a>	Alignment	not modelled	17.8	6	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein atu1810; <b>PDBTitle:</b> nmr solution structure of protein atu1810 from agrobacterium2 tumefaciens. northeast structural genomics consortium target atr23,3 ontario centre for structural proteomics target atc1776
62	<a href="#">c2kg4A</a>	Alignment	not modelled	17.4	15	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> growth arrest and dna-damage-inducible protein <b>PDBTitle:</b> three-dimensional structure of human gadd45alpha in2 solution by nmr
63	<a href="#">c2iz6A</a>	Alignment	not modelled	17.2	15	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> molybdenum cofactor carrier protein; <b>PDBTitle:</b> structure of the chlamydomonas reinhardtii moco carrier2 protein
64	<a href="#">c3i5tB</a>	Alignment	not modelled	16.8	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> aminotransferase; <b>PDBTitle:</b> crystal structure of aminotransferase prk07036 from rhodobacter2 sphaeroides kd131
65	<a href="#">c2cb1A</a>	Alignment	not modelled	16.5	19	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> o-acetyl homoserine sulphydrylase; <b>PDBTitle:</b> crystal structure of o-acetyl homoserine sulphydrylase2 from thermus thermophilus hb8,oah2.
66	<a href="#">c3dxvA</a>	Alignment	not modelled	16.1	14	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-amino-epsilon-caprolactam racemase; <b>PDBTitle:</b> the crystal structure of alpha-amino-epsilon-caprolactam racemase from2 achromobacter obae
67	<a href="#">d1y0ba1</a>	Alignment	not modelled	15.8	13	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
68	<a href="#">d2cta1</a>	Alignment	not modelled	15.7	17	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> Cystathionine synthase-like
69	<a href="#">c2kruA</a>	Alignment	not modelled	15.5	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> light-independent protochlorophyllide reductase <b>PDBTitle:</b> solution nmr structure of the pcpr_red domain of light-2 independent protochlorophyllide reductase subunit b from3 chlorobium tepidum. northeast structural genomics4 consortium target ctr69a (casp target)
70	<a href="#">c3c19A</a>	Alignment	not modelled	15.4	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein mk0293; <b>PDBTitle:</b> crystal structure of protein mk0293 from methanopyrus kandleri av19
71	<a href="#">c2qmaB</a>	Alignment	not modelled	15.3	18	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> diaminobutyrate-pyruvate transaminase and l-2,4- <b>PDBTitle:</b> crystal structure of glutamate decarboxylase domain of2 diaminobutyrate-pyruvate transaminase and l-2,4-diaminobutyrate3 decarboxylase from vibrio parahaemolyticus
72	<a href="#">d1k7ja</a>	Alignment	not modelled	15.1	10	<b>Fold:</b> YrdC/RibB <b>Superfamily:</b> YrdC/RibB <b>Family:</b> YrdC-like
73	<a href="#">c3a8uX</a>	Alignment	not modelled	15.1	27	<b>PDB header:</b> transferase <b>Chain:</b> X: <b>PDB Molecule:</b> omega-amino acid--pyruvate aminotransferase; <b>PDBTitle:</b> crystal structure of omega-amino acid:pyruvate aminotransferase
74	<a href="#">c1s97D</a>	Alignment	not modelled	15.1	21	<b>PDB header:</b> transferase/dna <b>Chain:</b> D: <b>PDB Molecule:</b> dna polymerase iv; <b>PDBTitle:</b> dpo4 with gt mismatch
75	<a href="#">d2bwna1</a>	Alignment	not modelled	15.1	15	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
76	<a href="#">d1ru4a</a>	Alignment	not modelled	14.9	21	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pectin lyase-like <b>Family:</b> Pectate transeliminase

77	<a href="#">c1ko7B_</a>	 Alignment	not modelled	14.8	15	<b>PDB header:</b> transferase,hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> hpr kinase/phosphatase; <b>PDBTitle:</b> x-ray structure of the hpr kinase/phosphatase from2 staphylococcus xylosus at 1.95 a resolution
78	<a href="#">d1zoda1</a>	 Alignment	not modelled	14.0	15	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
79	<a href="#">c1zczA_</a>	 Alignment	not modelled	13.9	22	<b>PDB header:</b> transferase/hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> bifunctional purine biosynthesis protein purh; <b>PDBTitle:</b> crystal structure of phosphoribosylaminomidazolecarboxamide2 formyltransferase / imp cyclohydrolase (tm1249) from thermotoga3 maritima at 1.88 a resolution
80	<a href="#">d2byla1</a>	 Alignment	not modelled	13.8	15	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
81	<a href="#">d1kl1a_</a>	 Alignment	not modelled	13.6	12	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
82	<a href="#">d1zczA2</a>	 Alignment	not modelled	13.6	22	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> AICAR transformylase domain of bifunctional purine biosynthesis enzyme ATIC
83	<a href="#">d1vl2a1</a>	 Alignment	not modelled	13.4	12	<b>Fold:</b> Adenine nucleotide alpha hydrolase-like <b>Superfamily:</b> Adenine nucleotide alpha hydrolases-like <b>Family:</b> N-type ATP pyrophosphatases
84	<a href="#">c3hs2H_</a>	 Alignment	not modelled	13.1	19	<b>PDB header:</b> antitoxin <b>Chain:</b> H: <b>PDB Molecule:</b> prevent host death protein; <b>PDBTitle:</b> crystal structure of phd truncated to residue 57 in an orthorhombic2 space group
85	<a href="#">c1kblA_</a>	 Alignment	not modelled	13.0	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate phosphate dikinase; <b>PDBTitle:</b> pyruvate phosphate dikinase
86	<a href="#">d1pkxa2</a>	 Alignment	not modelled	12.7	19	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> AICAR transformylase domain of bifunctional purine biosynthesis enzyme ATIC
87	<a href="#">c2zakB_</a>	 Alignment	not modelled	12.7	17	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> l-asparaginase precursor; <b>PDBTitle:</b> orthorhombic crystal structure of precursor e. coli isoaspartyl2 peptidase/l-asparaginase (ecaiii) with active-site t179a mutation
88	<a href="#">d1knxa1</a>	 Alignment	not modelled	12.6	15	<b>Fold:</b> MurF and HprK N-domain-like <b>Superfamily:</b> HprK N-terminal domain-like <b>Family:</b> HPr kinase/phosphatase HprK N-terminal domain
89	<a href="#">d1jx4a2</a>	 Alignment	not modelled	12.6	23	<b>Fold:</b> DNA/RNA polymerases <b>Superfamily:</b> DNA/RNA polymerases <b>Family:</b> Lesion bypass DNA polymerase (Y-family), catalytic domain
90	<a href="#">c2vyoA_</a>	 Alignment	not modelled	12.5	4	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> chitooligosaccharide deacetylase; <b>PDBTitle:</b> chitin deacetylase family member from encephalitozoon2 cuniculi
91	<a href="#">c1k97A_</a>	 Alignment	not modelled	12.4	19	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> argininosuccinate synthase; <b>PDBTitle:</b> crystal structure of e. coli argininosuccinate synthetase in complex2 with aspartate and citrulline
92	<a href="#">d2gz1a2</a>	 Alignment	not modelled	12.2	17	<b>Fold:</b> FwdE/GAPDH domain-like <b>Superfamily:</b> Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain <b>Family:</b> GAPDH-like
93	<a href="#">c1w17A_</a>	 Alignment	not modelled	11.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable polysaccharide deacetylase pdaa; <b>PDBTitle:</b> structure of bacillus subtilis pdaa, a family 42 carbohydrate esterase.
94	<a href="#">d1h6za2</a>	 Alignment	not modelled	11.7	16	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> Phosphohistidine domain <b>Family:</b> Pyruvate phosphate dikinase, central domain
95	<a href="#">c3tqxA_</a>	 Alignment	not modelled	11.7	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 2-amino-3-ketobutyrate coenzyme a ligase; <b>PDBTitle:</b> structure of the 2-amino-3-ketobutyrate coenzyme a ligase (kbl) from2 coxiella burnetii
96	<a href="#">c1pixB_</a>	 Alignment	not modelled	11.6	24	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> glutaconyl-coa decarboxylase a subunit; <b>PDBTitle:</b> crystal structure of the carboxyltransferase subunit of the2 bacterial ion pump glutaconyl-coenzyme a decarboxylase
97	<a href="#">d1l1qa_</a>	 Alignment	not modelled	11.3	18	<b>Fold:</b> PRTase-like <b>Superfamily:</b> PRTase-like <b>Family:</b> Phosphoribosyltransferases (PRTases)
98	<a href="#">c3ervA_</a>	 Alignment	not modelled	11.3	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative c39-like peptidase; <b>PDBTitle:</b> crystal structure of an putative c39-like peptidase from2 bacillus anthracis
99	<a href="#">d1g8ma2</a>	 Alignment	not modelled	11.0	22	<b>Fold:</b> Cytidine deaminase-like <b>Superfamily:</b> Cytidine deaminase-like <b>Family:</b> AICAR transformylase domain of bifunctional purine biosynthesis enzyme ATIC