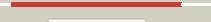
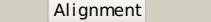
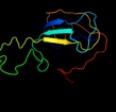
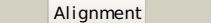
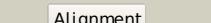
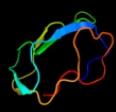
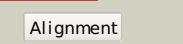


# Phyre<sup>2</sup>

Email	I.a.kelley@imperial.ac.uk
Description	P46482
Date	Thu Jan 5 12:04:17 GMT 2012
Unique Job ID	880503be5830cd96

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2f1mA_</a>			100.0	23	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> acriflavine resistance protein a; <b>PDBTitle:</b> conformational flexibility in the multidrug efflux system protein acra
2	<a href="#">c3fppB_</a>			100.0	22	<b>PDB header:</b> membrane protein <b>Chain:</b> B: <b>PDB Molecule:</b> macrolide-specific efflux protein maca; <b>PDBTitle:</b> crystal structure of e.coli maca
3	<a href="#">c3lnnB_</a>			100.0	21	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> membrane fusion protein (mfp) heavy metal cation efflux <b>PDBTitle:</b> crystal structure of zneb from cupriavidus metallidurans
4	<a href="#">c1t5eB_</a>			99.9	19	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> multidrug resistance protein mexa; <b>PDBTitle:</b> the structure of mexa
5	<a href="#">d1vf7a_</a>			99.9	21	<b>Fold:</b> HlyD-like secretion proteins <b>Superfamily:</b> HlyD-like secretion proteins <b>Family:</b> HlyD-like secretion proteins
6	<a href="#">c3h9iB_</a>			99.9	19	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> cation efflux system protein cusb; <b>PDBTitle:</b> crystal structure of the membrane fusion protein cusb from escherichia2 coli
7	<a href="#">c2k33A_</a>			99.5	32	<b>PDB header:</b> membrane protein, transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> acra; <b>PDBTitle:</b> solution structure of an n-glycosylated protein using in vitro glycosylation
8	<a href="#">c2b8gaA_</a>			98.3	27	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> biotin/lipoyl attachment protein; <b>PDBTitle:</b> solution structure of bacillus subtilis blap biotinylated-2 form (energy minimized mean structure)
9	<a href="#">d1dcza_</a>			98.2	25	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
10	<a href="#">c2ejgD_</a>			98.1	24	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> 149aa long hypothetical methylmalonyl-coa decarboxylase <b>PDBTitle:</b> crystal structure of the biotin protein ligase (mutation r48a) and2 biotin carboxyl carrier protein complex from pyrococcus horikoshii3 ot3
11	<a href="#">d1o78a_</a>			98.1	33	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains

12	<a href="#">c2ejmA_</a>		Alignment		97.8	26	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> methylcrotonyl-coa carboxylase subunit alpha; <b>PDBTitle:</b> solution structure of ruh-072, an apo-biotinyl domain form2 human acetyl coenzyme a carboxylase
13	<a href="#">d1qjoa_</a>		Alignment		97.4	29	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
14	<a href="#">c3n6rK_</a>		Alignment		97.4	38	<b>PDB header:</b> ligase <b>Chain:</b> K; <b>PDB Molecule:</b> propionyl-coa carboxylase, alpha subunit; <b>PDBTitle:</b> crystal structure of the holoenzyme of propionyl-coa carboxylase (pcc)
15	<a href="#">c2dn8A_</a>		Alignment		97.4	22	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> acetyl-coa carboxylase 2; <b>PDBTitle:</b> solution structure of rsg1 ruh-053, an apo-biotin carboxy2 carrier protein from human transcarboxylase
16	<a href="#">c215tA_</a>		Alignment		97.4	32	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> lipoyamide acyltransferase; <b>PDBTitle:</b> solution nmr structure of e2 lipoyl domain from thermoplasma2 acidophilum
17	<a href="#">d1iyua_</a>		Alignment		97.4	14	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
18	<a href="#">c2kccA_</a>		Alignment		97.3	23	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> acetyl-coa carboxylase 2; <b>PDBTitle:</b> solution structure of biotinyl domain from human acetyl-2 coa carboxylase 2
19	<a href="#">d1bdoa_</a>		Alignment		97.3	27	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
20	<a href="#">d1y8ob1</a>		Alignment		97.2	32	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
21	<a href="#">d1k8ma_</a>		Alignment	not modelled	97.1	19	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
22	<a href="#">d1ghja_</a>		Alignment	not modelled	97.1	17	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
23	<a href="#">d1gjxa_</a>		Alignment	not modelled	96.7	14	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
24	<a href="#">d1laba_</a>		Alignment	not modelled	96.7	35	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
25	<a href="#">d1pmra_</a>		Alignment	not modelled	96.6	18	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
26	<a href="#">d2pnrc1</a>		Alignment	not modelled	96.4	15	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
27	<a href="#">c2q8iB_</a>		Alignment	not modelled	96.3	17	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> dihydrolipoylysine-residue acetyltransferase component of <b>PDBTitle:</b> pyruvate dehydrogenase kinase isoform 3 in complex with antitumor drug2 radicicol
28	<a href="#">d1glaf_</a>		Alignment	not modelled	96.2	29	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
29	<a href="#">d2gpra_</a>		Alignment	not modelled	96.1	39	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like

30	<a href="#">d1gpra_</a>	Alignment	not modelled	96.1	29	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
31	<a href="#">d1luoua3</a>	Alignment	not modelled	96.1	8	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Pyrimidine nucleoside phosphorylase C-terminal domain <b>Family:</b> Pyrimidine nucleoside phosphorylase C-terminal domain
32	<a href="#">c2qf7A_</a>	Alignment	not modelled	96.1	22	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate carboxylase protein; <b>PDBTitle:</b> crystal structure of a complete multifunctional pyruvate carboxylase2 from rhizobium etli <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate dehydrogenase protein x component; <b>PDBTitle:</b> solution structure of rsg1 ruh-054, a lipoyl domain from2 human 2-oxoacid dehydrogenase
33	<a href="#">c2dnca_</a>	Alignment	not modelled	96.0	17	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Glucose permease-like
34	<a href="#">d2f3ga_</a>	Alignment	not modelled	95.9	29	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrolipoyllysine-residue acetyltransferase <b>PDBTitle:</b> solution structure of rsg1 ruh-058, a lipoyl domain of2 human 2-oxoacid dehydrogenase
35	<a href="#">c2dneA_</a>	Alignment	not modelled	95.7	14	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> propionyl-coa carboxylase alpha chain, <b>PDBTitle:</b> crystal structure of the n-terminal region of the biotin2 acceptor domain of human propionyl-coa carboxylase
36	<a href="#">c2jkuA_</a>	Alignment	not modelled	95.5	23	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Pyrimidine nucleoside phosphorylase C-terminal domain <b>Family:</b> Pyrimidine nucleoside phosphorylase C-terminal domain
37	<a href="#">d2tpta3</a>	Alignment	not modelled	95.3	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyrimidine-nucleoside (thymidine) phosphorylase; <b>PDBTitle:</b> crystal structure of project id tt0128 from thermus thermophilus hb8
38	<a href="#">c2dsjA_</a>	Alignment	not modelled	94.9	18	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Pyrimidine nucleoside phosphorylase C-terminal domain <b>Family:</b> Pyrimidine nucleoside phosphorylase C-terminal domain
39	<a href="#">d1brwa3</a>	Alignment	not modelled	94.9	25	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pyrimidine-nucleoside phosphorylase; <b>PDBTitle:</b> crystal structure of a putative pyrimidine-nucleoside phosphorylase2 from staphylococcus aureus
40	<a href="#">c3h5qA_</a>	Alignment	not modelled	94.3	20	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> thymidine phosphorylase; <b>PDBTitle:</b> structural basis for non-competitive product inhibition in2 human thymidine phosphorylase: implication for drug design
41	<a href="#">c2j0fC_</a>	Alignment	not modelled	93.9	8	<b>PDB header:</b> phosphorylase <b>Chain:</b> A: <b>PDB Molecule:</b> thymidine phosphorylase; <b>PDBTitle:</b> structural and theoretical studies suggest domain movement produces an2 active conformation of thymidine phosphorylase
42	<a href="#">c1otpA_</a>	Alignment	not modelled	93.8	20	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative peptidase m23; <b>PDBTitle:</b> crystal structure of putative peptidase m23 from2 pseudomonas aeruginosa, new york structural genomics3 consortium
43	<a href="#">c2hsIB_</a>	Alignment	not modelled	92.1	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> zinc peptidase; <b>PDBTitle:</b> crystal structure of a zinc containing peptidase from2 vibrio cholerae
44	<a href="#">c2gu1A_</a>	Alignment	not modelled	91.9	27	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> protein (pyrimidine nucleoside phosphorylase); <b>PDBTitle:</b> the crystal structure of pyrimidine nucleoside2 phosphorylase in a closed conformation
45	<a href="#">c1brwB_</a>	Alignment	not modelled	90.2	29	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Duplicated hybrid motif <b>Family:</b> Peptidoglycan hydrolase LytM
46	<a href="#">d1qwya_</a>	Alignment	not modelled	89.9	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dna-directed rna polymerase beta' chain; <b>PDBTitle:</b> structure of e. coli rna polymerase beta' g/g' insert
47	<a href="#">c2aukA_</a>	Alignment	not modelled	89.5	20	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> mlr6093 protein; <b>PDBTitle:</b> crystal structure of an aspartoacylase family protein (mlr6093) from2 mesorhizobium loti maff303099 at 2.00 a resolution
48	<a href="#">c2qj8B_</a>	Alignment	not modelled	88.5	9	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> putative succinylglutamate desuccinylase / aspartoacylase; <b>PDBTitle:</b> crystal structure of a putative succinylglutamate desuccinylase / aspartoacylase family protein (sama_0604) from shewanella amazonensis3 sb2b at 1.80 a resolution
49	<a href="#">c3fmcc_</a>	Alignment	not modelled	87.4	8	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> succinylglutamate desuccinylase/aspartoacylase; <b>PDBTitle:</b> crystal structure of a succinylglutamate desuccinylase (tm1040_26942) from silicibacter sp. tm1040 at 2.00 a resolution
50	<a href="#">c3na6A_</a>	Alignment	not modelled	86.5	15	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> Cytochrome f, small domain
51	<a href="#">d1e2wa2</a>	Alignment	not modelled	86.0	31	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> succinylglutamate desuccinylase/aspartoacylase; <b>PDBTitle:</b> crystal structure of a succinylglutamate desuccinylase (tm1040_26942) from silicibacter sp. tm1040 at 2.00 a resolution
52	<a href="#">d1ci3m2</a>	Alignment	not modelled	85.8	25	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> Cytochrome f, small domain
53	<a href="#">c2b44A_</a>	Alignment	not modelled	84.9	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycyl-glycine endopeptidase lytm;

						<b>PDBTitle:</b> truncated s. aureus lytm, p 32 2 1 crystal form
54	<a href="#">d1qpoa2</a>	Alignment	not modelled	84.8	29	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Nicotinate/Quinolinate PRTase N-terminal domain-like <b>Family:</b> NadC N-terminal domain-like
55	<a href="#">c3cdxB_</a>	Alignment	not modelled	82.2	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> succinylglutamatedesuccinylase/aspartoacylase; <b>PDBTitle:</b> crystal structure of2 succinylglutamatedesuccinylase/aspartoacylase from3 rhodobacter sphaeroides
56	<a href="#">c2xhaB_</a>	Alignment	not modelled	80.9	22	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> transcription antitermination protein nusg; <b>PDBTitle:</b> crystal structure of domain 2 of thermotoga maritima n-utilization2 substance g (nusg)
57	<a href="#">d1o4ua2</a>	Alignment	not modelled	80.7	17	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Nicotinate/Quinolinate PRTase N-terminal domain-like <b>Family:</b> NadC N-terminal domain-like
58	<a href="#">c3it5B_</a>	Alignment	not modelled	80.5	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> protease lasa; <b>PDBTitle:</b> crystal structure of the lasa virulence factor from pseudomonas2 aeruginosa
59	<a href="#">c3d4rE_</a>	Alignment	not modelled	79.6	21	<b>PDB header:</b> unknown function <b>Chain:</b> E: <b>PDB</b> <b>Molecule:</b> domain of unknown function from the pfam-b_34464 family; <b>PDBTitle:</b> crystal structure of a duf2118 family protein (mmp0046) from2 methanococcus maripaludis at 2.20 a resolution
60	<a href="#">d1qapa2</a>	Alignment	not modelled	78.3	19	<b>Fold:</b> alpha/beta-Hammerhead <b>Superfamily:</b> Nicotinate/Quinolinate PRTase N-terminal domain-like <b>Family:</b> NadC N-terminal domain-like
61	<a href="#">c2aujD_</a>	Alignment	not modelled	74.5	28	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB</b> <b>Molecule:</b> dna-directed rna polymerase beta' chain; <b>PDBTitle:</b> structure of thermus aquaticus rna polymerase beta'-subunit2 insert
62	<a href="#">c3nyyA_</a>	Alignment	not modelled	74.4	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> putative glycyl-glycine endopeptidase lytm; <b>PDBTitle:</b> crystal structure of a putative glycyl-glycine endopeptidase lytm2 (rumgna_02482) from rumicoccus gnavus atcc 29149 at 1.60 a3 resolution
63	<a href="#">c2xhcA_</a>	Alignment	not modelled	74.3	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> transcription antitermination protein nusg; <b>PDBTitle:</b> crystal structure of thermotoga maritima n-utilization substance g2 (nusg)
64	<a href="#">c1e2vB_</a>	Alignment	not modelled	72.4	31	<b>PDB header:</b> electron transport proteins <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> cytochrome f; <b>PDBTitle:</b> n153q mutant of cytochrome f from chlamydomonas reinhardtii
65	<a href="#">c1ctmA_</a>	Alignment	not modelled	72.3	25	<b>PDB header:</b> electron transport(cytochrome) <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> cytochrome f; <b>PDBTitle:</b> crystal structure of chloroplast cytochrome f reveals a2 novel cytochrome fold and unexpected heme ligation
66	<a href="#">c2jxmB_</a>	Alignment	not modelled	72.2	31	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> cytochrome f; <b>PDBTitle:</b> ensemble of twenty structures of the prochlorothrix2 hollandica plastocyanin- cytochrome f complex
67	<a href="#">c3gnnA_</a>	Alignment	not modelled	69.9	4	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> crystal structure of nicotinate-nucleotide2 pyrophosphorylase from burkholderi pseudomallei
68	<a href="#">c1tu2B_</a>	Alignment	not modelled	69.7	31	<b>PDB header:</b> electron transport <b>Chain:</b> B: <b>PDB</b> <b>Molecule:</b> apocytochrome f; <b>PDBTitle:</b> the complex of nostoc cytochrome f and plastocyanin determin with2 paramagnetic nmr. based on the structures of cytochrome f and3 plastocyanin, 10 structures
69	<a href="#">c1q90A_</a>	Alignment	not modelled	68.8	31	<b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> apocytochrome f; <b>PDBTitle:</b> structure of the cytochrome bbf (plastoquinone : plastocyanin2 oxidoreductase) from chlamydomonas reinhardtii
70	<a href="#">c2e75C_</a>	Alignment	not modelled	65.8	38	<b>PDB header:</b> photosynthesis <b>Chain:</b> C: <b>PDB</b> <b>Molecule:</b> apocytochrome f; <b>PDBTitle:</b> crystal structure of the cytochrome b6f complex with 2-nonyl-4-2 hydroxyquinoline n-oxide (nqno) from m.laminosus
71	<a href="#">c3csqC_</a>	Alignment	not modelled	64.8	20	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB</b> <b>Molecule:</b> morphogenesis protein 1; <b>PDBTitle:</b> crystal and cryoem structural studies of a cell wall2 degrading enzyme in the bacteriophage phi29 tail
72	<a href="#">d1tu2b2</a>	Alignment	not modelled	64.0	31	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> Cytochrome f, small domain
73	<a href="#">c1o4uA_</a>	Alignment	not modelled	63.3	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> type ii quinolic acid phosphoribosyltransferase; <b>PDBTitle:</b> crystal structure of a nicotinate nucleotide pyrophosphorylase2 (tm1645) from thermotoga maritima at 2.50 a resolution
74	<a href="#">c3pajA_</a>	Alignment	not modelled	60.5	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> nicotinate-nucleotide pyrophosphorylase, carboxylating; <b>PDBTitle:</b> 2.00 angstrom resolution crystal structure of a quinolinate2 phosphoribosyltransferase from vibrio cholerae o1 biovar eltor str.3 n16961
75	<a href="#">c1qapA_</a>	Alignment	not modelled	59.4	22	<b>PDB header:</b> glycosyltransferase <b>Chain:</b> A: <b>PDB</b> <b>Molecule:</b> quinolinic acid phosphoribosyltransferase; <b>PDBTitle:</b> quinolinic acid phosphoribosyltransferase with bound2 quinolinic acid

76	<a href="#">c3tqvA_</a>		Alignment	not modelled	57.9	15	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> structure of the nicotinate-nucleotide pyrophosphorylase from2 francisella tularensis.
77	<a href="#">c3I0gD_</a>		Alignment	not modelled	57.2	11	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> crystal structure of nicotinate-nucleotide pyrophosphorylase from2 ehrlichia chaffeensis at 2.05a resolution
78	<a href="#">c1qpoA_</a>		Alignment	not modelled	55.0	26	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> quinolinate acid phosphoribosyl transferase; <b>PDBTitle:</b> quinolinate phosphoribosyl transferase (qaprtase) apo-enzyme from2 mycobacterium tuberculosis
79	<a href="#">c2b7pA_</a>		Alignment	not modelled	54.7	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> crystal structure of quinolinic acid phosphoribosyltransferase from2 helicobacter pylori
80	<a href="#">d1hcza2</a>		Alignment	not modelled	52.6	25	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> Cytochrome f, small domain
81	<a href="#">c1x1oC_</a>		Alignment	not modelled	48.8	14	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> crystal structure of project id tt0268 from thermus thermophilus hb8
82	<a href="#">c3iftA_</a>		Alignment	not modelled	47.5	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glycine cleavage system h protein; <b>PDBTitle:</b> crystal structure of glycine cleavage system protein h from2 mycobacterium tuberculosis, using x-rays from the compact light3 source.
83	<a href="#">d1onla_</a>		Alignment	not modelled	46.2	19	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
84	<a href="#">c2edgA_</a>		Alignment	not modelled	45.3	12	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> glycine cleavage system h protein; <b>PDBTitle:</b> solution structure of the gcv_h domain from mouse glycine
85	<a href="#">c3mxuA_</a>		Alignment	not modelled	36.3	12	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> glycine cleavage system h protein; <b>PDBTitle:</b> crystal structure of glycine cleavage system protein h from bartonella2 henselae
86	<a href="#">d1hpca_</a>		Alignment	not modelled	35.7	19	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Single hybrid motif <b>Family:</b> Biotinyl/lipoyl-carrier proteins and domains
87	<a href="#">c2jbmA_</a>		Alignment	not modelled	34.3	10	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> nicotinate-nucleotide pyrophosphorylase; <b>PDBTitle:</b> qprtase structure from human
88	<a href="#">d1vf5c2</a>		Alignment	not modelled	34.0	38	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Rudiment single hybrid motif <b>Family:</b> Cytochrome f, small domain
89	<a href="#">c3a8jF_</a>		Alignment	not modelled	29.9	16	<b>PDB header:</b> transferase/transport protein <b>Chain:</b> F: <b>PDB Molecule:</b> glycine cleavage system h protein; <b>PDBTitle:</b> crystal structure of et-hred complex
90	<a href="#">d2je6i2</a>		Alignment	not modelled	26.5	17	<b>Fold:</b> Barrel-sandwich hybrid <b>Superfamily:</b> Ribosomal L27 protein-like <b>Family:</b> ECR1 N-terminal domain-like
91	<a href="#">d1whla_</a>		Alignment	not modelled	26.2	10	<b>Fold:</b> SH3-like barrel <b>Superfamily:</b> Cap-Gly domain <b>Family:</b> Cap-Gly domain
92	<a href="#">c3hd7A_</a>		Alignment	not modelled	25.6	17	<b>PDB header:</b> exocytosis <b>Chain:</b> A: <b>PDB Molecule:</b> vesicle-associated membrane protein 2; <b>PDBTitle:</b> helical extension of the neuronal snare complex into the membrane,2 spacegroup c 1 2 1
93	<a href="#">d1h9ra2</a>		Alignment	not modelled	25.4	10	<b>Fold:</b> OB-fold <b>Superfamily:</b> MOP-like <b>Family:</b> BiMOP, duplicated molybdate-binding domain
94	<a href="#">c3tbiB_</a>		Alignment	not modelled	22.2	36	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> dna-directed rna polymerase subunit beta; <b>PDBTitle:</b> crystal structure of t4 gp33 bound to e. coli rnap beta-flap domain
95	<a href="#">d1h9ra1</a>		Alignment	not modelled	21.2	15	<b>Fold:</b> OB-fold <b>Superfamily:</b> MOP-like <b>Family:</b> BiMOP, duplicated molybdate-binding domain
96	<a href="#">c2ka7A_</a>		Alignment	not modelled	21.0	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> glycine cleavage system h protein; <b>PDBTitle:</b> nmr solution structure of tm0212 at 40 c
97	<a href="#">d1udxa3</a>		Alignment	not modelled	20.9	26	<b>Fold:</b> Obg GTP-binding protein C-terminal domain <b>Superfamily:</b> Obg GTP-binding protein C-terminal domain <b>Family:</b> Obg GTP-binding protein C-terminal domain
98	<a href="#">d1uwfa1</a>		Alignment	not modelled	19.6	17	<b>Fold:</b> Common fold of diphtheria toxin/transcription factors/cytochrome f <b>Superfamily:</b> Bacterial adhesins <b>Family:</b> Pilus subunits
99	<a href="#">d1krha1</a>		Alignment	not modelled	19.3	29	<b>Fold:</b> Reductase/isomerase/elongation factor common domain <b>Superfamily:</b> Riboflavin synthase domain-like <b>Family:</b> Ferredoxin reductase FAD-binding domain-like