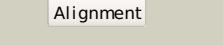
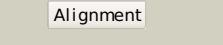
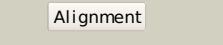
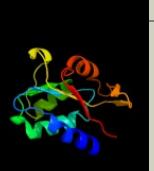
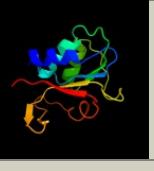
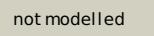


# Phyre<sup>2</sup>

Email	i.a.kelley@imperial.ac.uk
Description	P76458
Date	Wed Jan 25 15:21:08 GMT 2012
Unique Job ID	c99b8cb5b3da88e4

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3cdkA_</a>			100.0	44	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase <b>PDBTitle:</b> crystal structure of the co-expressed succinyl-coa2 transferase a and b complex from bacillus subtilis
2	<a href="#">d1k6da_</a>			100.0	100	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
3	<a href="#">d1ooya2</a>			100.0	39	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
4	<a href="#">d2ahua2</a>			100.0	26	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
5	<a href="#">c3rrlC_</a>			100.0	42	<b>PDB header:</b> transferase <b>Chain:</b> C; <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase subunit a; <b>PDBTitle:</b> complex structure of 3-oxoadipate coa-transferase subunit a and b from2 helicobacter pylori 26695
6	<a href="#">d1poia_</a>			100.0	25	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
7	<a href="#">c2ahvC_</a>			100.0	28	<b>PDB header:</b> transferase <b>Chain:</b> C; <b>PDB Molecule:</b> putative enzyme ydif; <b>PDBTitle:</b> crystal structure of acyl-coa transferase from e. coli o157:h7 (ydif)-2 thioester complex with coa- 1
8	<a href="#">clooyA_</a>			100.0	40	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase, <b>PDBTitle:</b> succinyl-coa:3-ketoacid coa transferase from pig heart
9	<a href="#">c2g39A_</a>			100.0	21	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A; <b>PDB Molecule:</b> acetyl-coa hydrolase; <b>PDBTitle:</b> crystal structure of coenzyme a transferase from pseudomonas2 aeruginosa
10	<a href="#">c2nnvF_</a>			100.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> F; <b>PDB Molecule:</b> acetyl-coa hydrolase/transferase family protein; <b>PDBTitle:</b> crystal structure of the putative acetyl-coa hydrolase/transferase2 pg1013 from porphyromonas gingivalis, northeast structural genomics3 target pgr16.
11	<a href="#">c3gk7A_</a>			100.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coa-transferase from2 clostridium aminobutyricum

12	<a href="#">c2hj0A</a>	Alignment		100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative citrate lyase, alfa subunit; <b>PDBTitle:</b> crystal structure of the putative alfa subunit of citrate lyase in2 complex with citrate from streptococcus mutans, northeast structural3 genomics target smr12 (casp target).
13	<a href="#">c2oasA</a>	Alignment		100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coenzyme a transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coenzyme a transferase (atoa2) in complex with coa from shewanella oneidensis, northeast structural3 genomics target sor119.
14	<a href="#">d2g39a1</a>	Alignment		100.0	21	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
15	<a href="#">c1xr4B</a>	Alignment		100.0	26	<b>PDB header:</b> hydrolase/transferase <b>Chain:</b> B: <b>PDB Molecule:</b> putative citrate lyase alpha chain/citrate-acp transferase; <b>PDBTitle:</b> x-ray crystal structure of putative citrate lyase alpha chain/citrate-2 acp transferase [salmonella typhimurium]
16	<a href="#">c3eh7A</a>	Alignment		100.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> the structure of a putative 4-hydroxybutyrate coa-transferase from2 porphyromonas gingivalis w83
17	<a href="#">c3d3uA</a>	Alignment		100.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 4-hydroxybutyrate coa-transferase; <b>PDBTitle:</b> crystal structure of 4-hydroxybutyrate coa-transferase (abft-2) from2 porphyromonas gingivalis. northeast structural genomics consortium3 target pgr26
18	<a href="#">d1xr4a1</a>	Alignment		99.9	24	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
19	<a href="#">c1m0sA</a>	Alignment		98.1	18	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> northeast structural genomics consortium (nesg id ir21)
20	<a href="#">c3l7oB</a>	Alignment		98.0	18	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from streptococcus2 mutans ua159
21	<a href="#">c1uj6A</a>	Alignment	not modelled	97.8	24	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose 5-phosphate isomerase; <b>PDBTitle:</b> crystal structure of thermus thermophilus ribose-5-phosphate isomerase2 complexed with arabinose-5-phosphate <b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> ribose 5-phosphate isomerase; <b>PDBTitle:</b> ribose 5-phosphate isomerase from plasmodium falciparum
22	<a href="#">c2f8mB</a>	Alignment	not modelled	97.8	20	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
23	<a href="#">d2g39a2</a>	Alignment	not modelled	97.7	18	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-isomerase a
24	<a href="#">c3kwmC</a>	Alignment	not modelled	97.7	23	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> d-ribose-5-phosphate isomerase; <b>PDBTitle:</b> structure of the d-ribose-5-phosphate isomerase from2 pyrococcus horikoshii
25	<a href="#">c1lk5C</a>	Alignment	not modelled	97.7	24	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
26	<a href="#">d1m0sa1</a>	Alignment	not modelled	97.7	16	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from bartonella2 henselae
27	<a href="#">c3hheA</a>	Alignment	not modelled	97.7	31	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> succinyl-coa:3-ketoacid-coenzyme a transferase <b>PDBTitle:</b> crystal structure of the co-expressed succinyl-coa2 transferase a and b complex from bacillus subtilis
28	<a href="#">c3cdkD</a>	Alignment	not modelled	97.6	18	<b>PDB header:</b> isomerase <b>Chain:</b> E: <b>PDB Molecule:</b> ribose-5-phosphate isomerase a;

29	<a href="#">c1lkzB_</a>	Alignment	not modelled	97.6	19	<b>Chain:</b> B; <b>PDB Molecule:</b> ribose 5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of d-ribose-5-phosphate isomerase (rpiA)2 from escherichia coli. <b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> structure of ribose 5-phosphate isomerase a from2 methanocaldococcus jannaschii
30	<a href="#">c2pjmA_</a>	Alignment	not modelled	97.6	27	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase alpha subunit-like
31	<a href="#">d1xr4a2_</a>	Alignment	not modelled	97.5	19	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> ribose-5-phosphate isomerase a; <b>PDBTitle:</b> crystal structure of ribose-5-phosphate isomerase a from burkholderia2 thailandensis
32	<a href="#">c3u7jA_</a>	Alignment	not modelled	97.3	21	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
33	<a href="#">d1uj4a1_</a>	Alignment	not modelled	97.1	23	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> ribose-5-phosphate isomerase; <b>PDBTitle:</b> crystal structure of the s. cerevisiae d-ribose-5-phosphate isomerase:2 comparison with the archeal and bacterial enzymes
34	<a href="#">c1xtzA_</a>	Alignment	not modelled	97.1	22	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
35	<a href="#">d1lk5a1_</a>	Alignment	not modelled	96.5	28	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
36	<a href="#">d1looya1_</a>	Alignment	not modelled	96.4	20	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
37	<a href="#">d1poib_</a>	Alignment	not modelled	96.2	17	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
38	<a href="#">d2ahua1_</a>	Alignment	not modelled	95.8	27	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> CoA transferase beta subunit-like
39	<a href="#">c3ecsD_</a>	Alignment	not modelled	92.3	21	<b>PDB header:</b> translation <b>Chain:</b> D; <b>PDB Molecule:</b> translation initiation factor eif-2b subunit <b>PDBTitle:</b> crystal structure of human eif2b alpha
40	<a href="#">d1vb5a_</a>	Alignment	not modelled	87.6	19	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
41	<a href="#">d1o8bb1_</a>	Alignment	not modelled	85.0	15	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
42	<a href="#">c1ydmC_</a>	Alignment	not modelled	83.7	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C; <b>PDB Molecule:</b> hypothetical protein yqgn; <b>PDBTitle:</b> x-ray structure of northeast structural genomics target sr44
43	<a href="#">c2jcbA_</a>	Alignment	not modelled	81.6	13	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> 5-formyltetrahydrofolate cyclo-ligase family protein; <b>PDBTitle:</b> the crystal structure of 5-formyl-tetrahydrofolate2 cycloligase from bacillus anthracis (ba4489)
44	<a href="#">d1t9ka_</a>	Alignment	not modelled	80.7	27	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
45	<a href="#">c3a11D_</a>	Alignment	not modelled	72.6	20	<b>PDB header:</b> isomerase <b>Chain:</b> D; <b>PDB Molecule:</b> translation initiation factor eif-2b, delta <b>PDBTitle:</b> crystal structure of ribose-1,5-bisphosphate isomerase from2 thermococcus kodakaraensis kod1
46	<a href="#">d1soua_</a>	Alignment	not modelled	71.7	14	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> Methenyltetrahydrofolate synthetase
47	<a href="#">d1sbqa_</a>	Alignment	not modelled	68.3	14	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> Methenyltetrahydrofolate synthetase
48	<a href="#">c1u3fA_</a>	Alignment	not modelled	68.3	14	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> 5,10-methenyltetrahydrofolate synthetase; <b>PDBTitle:</b> structural and functional characterization of a 5,10-2 methenyltetrahydrofolate synthetase from mycoplasma3 pneumoniae (gi: 13508087)
49	<a href="#">c3nzeB_</a>	Alignment	not modelled	54.8	17	<b>PDB header:</b> transcription regulator <b>Chain:</b> B; <b>PDB Molecule:</b> putative transcriptional regulator, sugar-binding family; <b>PDBTitle:</b> the crystal structure of a domain of a possible sugar-binding2 transcriptional regulator from arthrobacter aurescens tc1.
50	<a href="#">d2gnpa1_</a>	Alignment	not modelled	54.2	15	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
51	<a href="#">d1wkca_</a>	Alignment	not modelled	53.7	18	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> Methenyltetrahydrofolate synthetase
52	<a href="#">d1t5oa_</a>	Alignment	not modelled	52.9	20	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> IF2B-like
53	<a href="#">c2yvkA_</a>	Alignment	not modelled	45.2	18	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> methylthioribose-1-phosphate isomerase; <b>PDBTitle:</b> crystal structure of 5-methylthioribose 1-phosphate2 isomerase product complex from bacillus subtilis
54	<a href="#">c3hy4A_</a>	Alignment	not modelled	45.0	14	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> 5-formyltetrahydrofolate cyclo-ligase; <b>PDBTitle:</b> structure of human mthfs with n5-iminium phosphate

55	<a href="#">d1o8ba1</a>		Alignment	not modelled	42.4	14	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> D-ribose-5-phosphate isomerase (RpiA), catalytic domain
56	<a href="#">d3efba1</a>		Alignment	not modelled	39.3	22	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
57	<a href="#">c2w48D_</a>		Alignment	not modelled	37.9	16	<b>PDB header:</b> transcription <b>Chain:</b> D: <b>PDB Molecule:</b> sorbitol operon regulator; <b>PDBTitle:</b> crystal structure of the full-length sorbitol operon2 regulator sorc from klebsiella pneumoniae
58	<a href="#">c1dbgA_</a>		Alignment	not modelled	32.0	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> chondroitinase b; <b>PDBTitle:</b> crystal structure of chondroitinase b
59	<a href="#">d1ofla_</a>		Alignment	not modelled	27.9	18	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pectin lyase-like <b>Family:</b> Chondroitinase B
60	<a href="#">d2nyga1</a>		Alignment	not modelled	23.0	20	<b>Fold:</b> TTHA0583/YokD-like <b>Superfamily:</b> TTHA0583/YokD-like <b>Family:</b> Aminoglycoside 3-N-acetyltransferase-like
61	<a href="#">c3kv1A_</a>		Alignment	not modelled	18.7	15	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional repressor; <b>PDBTitle:</b> crystal structure of putative sugar-binding domain of transcriptional2 repressor from vibrio fischeri
62	<a href="#">d2grea1</a>		Alignment	not modelled	17.3	6	<b>Fold:</b> Domain of alpha and beta subunits of F1 ATP synthase-like <b>Superfamily:</b> Aminopeptidase/glucanase lid domain <b>Family:</b> Aminopeptidase/glucanase lid domain
63	<a href="#">c3smaD_</a>		Alignment	not modelled	17.0	19	<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
64	<a href="#">d1ru4a_</a>		Alignment	not modelled	16.7	21	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pectin lyase-like <b>Family:</b> Pectate transeliminase
65	<a href="#">d2okga1</a>		Alignment	not modelled	16.6	13	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
66	<a href="#">c3bo9B_</a>		Alignment	not modelled	16.1	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> putative nitroalkan dioxygenase; <b>PDBTitle:</b> crystal structure of putative nitroalkan dioxygenase (tm0800) from thermotoga maritima at 2.71 a resolution
67	<a href="#">d2r5fa1</a>		Alignment	not modelled	16.0	6	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
68	<a href="#">d1gwma_</a>		Alignment	not modelled	15.3	10	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> Family 29 carbohydrate binding module, CBM29
69	<a href="#">d1t3ka_</a>		Alignment	not modelled	14.5	10	<b>Fold:</b> Rhodanese/Cell cycle control phosphatase <b>Superfamily:</b> Rhodanese/Cell cycle control phosphatase <b>Family:</b> Cell cycle control phosphatase, catalytic domain
70	<a href="#">c2ri0B_</a>		Alignment	not modelled	13.9	25	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> glucosamine-6-phosphate deaminase; <b>PDBTitle:</b> crystal structure of glucosamine 6-phosphate deaminase (nagB) from s.2 mutans
71	<a href="#">c3myrE_</a>		Alignment	not modelled	13.5	10	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> hydrogenase (nife) small subunit hyda; <b>PDBTitle:</b> crystal structure of [nife] hydrogenase from allochromatium vinosum in2 its ni-a state
72	<a href="#">d1vlfm1</a>		Alignment	not modelled	12.6	22	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
73	<a href="#">d1kqfa1</a>		Alignment	not modelled	12.6	17	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
74	<a href="#">d2jioa1</a>		Alignment	not modelled	11.5	21	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
75	<a href="#">d1gmxa_</a>		Alignment	not modelled	10.3	14	<b>Fold:</b> Rhodanese/Cell cycle control phosphatase <b>Superfamily:</b> Rhodanese/Cell cycle control phosphatase <b>Family:</b> Single-domain sulfurtransferase
76	<a href="#">d1y5ia1</a>		Alignment	not modelled	9.3	28	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
77	<a href="#">c1wcuA_</a>		Alignment	not modelled	9.3	12	<b>PDB header:</b> carbohydrate binding <b>Chain:</b> A: <b>PDB Molecule:</b> non-catalytic protein 1; <b>PDBTitle:</b> cbm29_1, a family 29 carbohydrate binding module from2 piromyces equi
78	<a href="#">d1h0ha1</a>		Alignment	not modelled	9.2	21	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
79	<a href="#">d1g8ka1</a>		Alignment	not modelled	8.4	22	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
80	<a href="#">c3rgws_</a>		Alignment	not modelled	8.4	8	<b>PDB header:</b> oxidoreductase/oxidoreductase <b>Chain:</b> S: <b>PDB Molecule:</b> membrane-bound hydrogenase (nife) small subunit hoxk; <b>PDBTitle:</b> crystal structure at 1.5 a resolution of an h2-reduced, o2-tolerant2 hydrogenase from ralstonia eutropha unmasks a novel iron-sulfur3 cluster

81	<a href="#">d1vqod1</a>		Alignment	not modelled	8.2	33	<b>Fold:</b> RL5-like <b>Superfamily:</b> RL5-like <b>Family:</b> Ribosomal protein L5
82	<a href="#">d1frfs_</a>		Alignment	not modelled	8.1	10	<b>Fold:</b> HydA/Nqo6-like <b>Superfamily:</b> HydA/Nqo6-like <b>Family:</b> Nickel-iron hydrogenase, small subunit
83	<a href="#">d1logy1</a>		Alignment	not modelled	7.8	25	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
84	<a href="#">c4a1cD_</a>		Alignment	not modelled	7.8	14	<b>PDB header:</b> ribosome <b>Chain:</b> D: <b>PDB Molecule:</b> 60s ribosomal protein l11; <b>PDBTitle:</b> t thermophila 60s ribosomal subunit in complex with initiation factor 6. this file contains 5s rrna,3 5.8s rrna and proteins of molecule 4.
85	<a href="#">d1eu1a1</a>		Alignment	not modelled	7.5	32	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
86	<a href="#">d1wv2a_</a>		Alignment	not modelled	7.4	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> ThiG-like <b>Family:</b> ThiG-like
87	<a href="#">d1xpna_</a>		Alignment	not modelled	7.3	17	<b>Fold:</b> Prealbumin-like <b>Superfamily:</b> Hypothetical protein PA1324 <b>Family:</b> Hypothetical protein PA1324
88	<a href="#">d1tmoa1</a>		Alignment	not modelled	7.2	28	<b>Fold:</b> Double psi beta-barrel <b>Superfamily:</b> ADC-like <b>Family:</b> Formate dehydrogenase/DMSO reductase, C-terminal domain
89	<a href="#">c2r47C_</a>		Alignment	not modelled	6.9	26	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> uncharacterized protein mth_862; <b>PDBTitle:</b> crystal structure of mth_862 protein of unknown function from 2 methanothermobacter thermautotrophicus
90	<a href="#">d1l7da2</a>		Alignment	not modelled	6.7	19	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Formate/glycerate dehydrogenase catalytic domain-like <b>Family:</b> L-alanine dehydrogenase-like
91	<a href="#">c2ki8A_</a>		Alignment	not modelled	6.6	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> tungsten formylmethanofuran dehydrogenase, <b>PDBTitle:</b> solution nmr structure of tungsten formylmethanofuran2 dehydrogenase subunit d from archaeoglobus fulgidus,3 northeast structural genomics consortium target att7
92	<a href="#">d1htwa_</a>		Alignment	not modelled	6.4	15	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> YjeE-like
93	<a href="#">c2zfnA_</a>		Alignment	not modelled	6.3	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of ty1 transposition protein 109; <b>PDBTitle:</b> self-acetylation mediated histone h3 lysine 56 acetylation by rtt109
94	<a href="#">c3tdqB_</a>		Alignment	not modelled	6.2	17	<b>PDB header:</b> cell adhesion <b>Chain:</b> B: <b>PDB Molecule:</b> pili2 protein; <b>PDBTitle:</b> crystal structure of a fimbrial biogenesis protein pili22 (pili2_pa4555) from pseudomonas aeruginosa pa01 at 2.10 a resolution
95	<a href="#">c2wpnA_</a>		Alignment	not modelled	6.1	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> periplasmic [nifese] hydrogenase, small subunit; <b>PDBTitle:</b> structure of the oxidised, as-isolated nifese hydrogenase2 from d. vulgaris hildenborough
96	<a href="#">c3e4fB_</a>		Alignment	not modelled	6.1	22	<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
97	<a href="#">c3d35A_</a>		Alignment	not modelled	5.9	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> regulator of ty1 transposition protein 109; <b>PDBTitle:</b> crystal structure of rtt109-ac-coa complex
98	<a href="#">d2o0ma1</a>		Alignment	not modelled	5.8	22	<b>Fold:</b> NagB/RpiA/CoA transferase-like <b>Superfamily:</b> NagB/RpiA/CoA transferase-like <b>Family:</b> SorC sugar-binding domain-like
99	<a href="#">c2o0mA_</a>		Alignment	not modelled	5.8	22	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> transcriptional regulator, sorc family; <b>PDBTitle:</b> the crystal structure of the putative sorc family transcriptional2 regulator from enterococcus faecalis