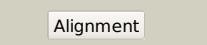
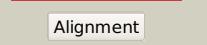
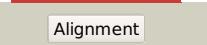
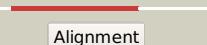


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD3594 (-) _4036036_4036863
Date	Fri Aug 9 18:20:27 BST 2019
Unique Job ID	b7454c107bceb617

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2bh7A_			100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyl muramoyl-L-alanine amidase; <b>PDBTitle:</b> crystal structure of a semet derivative of amid at 2.22 angstroms
2	c4bxdb_			100.0	19	<b>PDB header:</b> hydrolase/peptide <b>Chain:</b> B: <b>PDB Molecule:</b> ampdh3; <b>PDBTitle:</b> crystal structure of ampdh3 from pseudomonas aeruginosa in2 complex with tetrasaccharide pentapeptide
3	c4bolA_			100.0	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ampdh2; <b>PDBTitle:</b> crystal structure of ampdh2 from pseudomonas aeruginosa in2 complex with pentapeptide
4	d1j3ga_			100.0	26	<b>Fold:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Family:</b> N-acetyl muramoyl-L-alanine amidase-like
5	d2bgxa2			100.0	17	<b>Fold:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Family:</b> N-acetyl muramoyl-L-alanine amidase-like
6	c3hmaA_			100.0	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetyl muramoyl-L-alanine amidase xlyA; <b>PDBTitle:</b> amidase from bacillus subtilis
7	d1yb0a1			99.9	16	<b>Fold:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Family:</b> N-acetyl muramoyl-L-alanine amidase-like
8	c4ivvA_			99.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> autolysin; <b>PDBTitle:</b> catalytic amidase domain of the major autolysin lytA from streptococcus pneumoniae
9	c4olsA_			99.9	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endolysin; <b>PDBTitle:</b> the amidase-2 domain of lysH15
10	d1sk4a_			99.9	18	<b>Fold:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Family:</b> N-acetyl muramoyl-L-alanine amidase-like
11	d1ycka1			99.9	19	<b>Fold:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetyl muramoyl-L-alanine amidase-like <b>Family:</b> N-acetyl muramoyl-L-alanine amidase-like

12	<a href="#">c2xz4A</a>	Alignment		99.9	13	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan-recognition protein If; <b>PDBTitle:</b> crystal structure of the lfz ectodomain of the2 peptidoglycan recognition protein If
13	<a href="#">c2rkqA</a>	Alignment		99.9	12	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan-recognition protein-sd; <b>PDBTitle:</b> crystal structure of drosophila peptidoglycan recognition2 protein sd (pgrp-sd)
14	<a href="#">d1ohta</a>	Alignment		99.9	18	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
15	<a href="#">c1ohtA</a>	Alignment		99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cg14704 protein; <b>PDBTitle:</b> peptidoglycan recognition protein-lb
16	<a href="#">d2cb3a1</a>	Alignment		99.9	14	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
17	<a href="#">d2f2lx1</a>	Alignment		99.9	14	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
18	<a href="#">d1lbaa</a>	Alignment		99.9	24	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
19	<a href="#">c3latB</a>	Alignment		99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional autolysin; <b>PDBTitle:</b> crystal structure of staphylococcus peptidoglycan hydrolase2 amie
20	<a href="#">c5xz3D</a>	Alignment		99.8	14	<b>PDB header:</b> immune system <b>Chain:</b> D: <b>PDB Molecule:</b> peptidoglycan-recognition protein; <b>PDBTitle:</b> the x-ray structure of apis mellifera pgrp-sa
21	<a href="#">c6ckhA</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan-recognition protein; <b>PDBTitle:</b> manduca sexta peptidoglycan recognition protein-1
22	<a href="#">d1sxra</a>	Alignment	not modelled	99.8	18	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
23	<a href="#">c1s2jA</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan recognition protein sa cg11709-pa; <b>PDBTitle:</b> crystal structure of the drosophila pattern-recognition2 receptor pgpr-sa
24	<a href="#">d2f2la1</a>	Alignment	not modelled	99.8	12	<b>Fold:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Superfamily:</b> N-acetylmuramoyl-L-alanine amidase-like <b>Family:</b> N-acetylmuramoyl-L-alanine amidase-like
25	<a href="#">c6fhgB</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> B: <b>PDB Molecule:</b> lyst endolysin; <b>PDBTitle:</b> crystal structure of the ts2631 endolysin from thermus scotoductus2 phage with the unique n-terminal moiety responsible for peptidoglycan3 anchoring
26	<a href="#">c3ep1B</a>	Alignment	not modelled	99.7	17	<b>PDB header:</b> immune system <b>Chain:</b> B: <b>PDB Molecule:</b> pgpr-hd - peptidoglycan recognition protein <b>PDBTitle:</b> structure of the pgpr-hd from alvinella pompejana
27	<a href="#">c4z8iA</a>	Alignment	not modelled	99.7	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan recognition protein 3; <b>PDBTitle:</b> crystal structure of branchiostoma belcheri tsingtaunese peptidoglycan2 recognition protein 3
28	<a href="#">c4x36A</a>	Alignment	not modelled	99.1	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> autolysin; <b>PDBTitle:</b> crystal structure of the autolysin lyta from streptococcus

						pneumoniae2 tigr4
29	<a href="#">c2xz8A</a>	Alignment	not modelled	99.0	10	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan-recognition protein If; <b>PDBTitle:</b> crystal structure of the Ifw ectodomain of the2 peptidoglycan recognition protein If
30	<a href="#">d2bgxa1</a>	Alignment	not modelled	98.5	9	<b>Fold:</b> PGBD-like <b>Superfamily:</b> PGBD-like <b>Family:</b> Peptidoglycan binding domain, PGBD
31	<a href="#">c3ds8A</a>	Alignment	not modelled	52.2	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> lin2722 protein; <b>PDBTitle:</b> the crysatl structure of the gene lin2722 products from listeria2 innocua
32	<a href="#">d2dsta1</a>	Alignment	not modelled	51.5	10	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> TTHA1544-like
33	<a href="#">c5nm7A</a>	Alignment	not modelled	48.6	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan-binding domain 1; <b>PDBTitle:</b> crystal structure of burkholderia ap3 phage endolysin
34	<a href="#">d1lbua1</a>	Alignment	not modelled	42.7	5	<b>Fold:</b> PGBD-like <b>Superfamily:</b> PGBD-like <b>Family:</b> Peptidoglycan binding domain, PGBD
35	<a href="#">c5tv7A</a>	Alignment	not modelled	42.6	5	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative peptidoglycan-binding/hydrolysing protein; <b>PDBTitle:</b> 2.05 angstrom resolution crystal structure of peptidoglycan-binding2 protein from clostridioides difficile in complex with glutamine3 hydroxamate.
36	<a href="#">c5bmqA</a>	Alignment	not modelled	42.0	6	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> erfk/ybis/ycfs/ynhg family protein; <b>PDBTitle:</b> crystal structure of l,d-transpeptidase (yku) from stackebrandtia2 nassauensis
37	<a href="#">c1lbuA</a>	Alignment	not modelled	39.1	5	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> muramoyl-pentapeptide carboxypeptidase; <b>PDBTitle:</b> hydrolase metallo (zn) dd-peptidase
38	<a href="#">c1qgeD</a>	Alignment	not modelled	32.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> protein (triacylglycerol hydrolase); <b>PDBTitle:</b> new crystal form of pseudomonas glumae (formerly chromobacterium2 viscosum atcc 6918) lipase
39	<a href="#">c2odaB</a>	Alignment	not modelled	31.0	18	<b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> hypothetical protein pspto_2114; <b>PDBTitle:</b> crystal structure of pspto_2114
40	<a href="#">c2vavl</a>	Alignment	not modelled	30.0	13	<b>PDB header:</b> transferase <b>Chain:</b> L: <b>PDB Molecule:</b> acetyl-coa--deacetylcephalosporin c acetyltransferase; <b>PDBTitle:</b> crystal structure of deacetylcephalosporin c acetyltransferase (dac-2 soak)
41	<a href="#">c2zyca</a>	Alignment	not modelled	27.9	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan hydrolase flgi; <b>PDBTitle:</b> crystal structure of peptidoglycan hydrolase from2 sphingomonas sp. a1
42	<a href="#">c3i1iA</a>	Alignment	not modelled	25.8	13	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> homoserine o-acetyltransferase; <b>PDBTitle:</b> x-ray crystal structure of homoserine o-acetyltransferase from2 bacillus anthracis
43	<a href="#">d1t0ga</a>	Alignment	not modelled	24.3	16	<b>Fold:</b> Cytochrome b5-like heme/steroid binding domain <b>Superfamily:</b> Cytochrome b5-like heme/steroid binding domain <b>Family:</b> Steroid-binding domain
44	<a href="#">d2q3la1</a>	Alignment	not modelled	23.9	8	<b>Fold:</b> Spollaa-like <b>Superfamily:</b> Spollaa-like <b>Family:</b> Sfri0576-like
45	<a href="#">d1h4la1</a>	Alignment	not modelled	23.9	26	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> alpha-D-glucuronidase/Hyaluronidase catalytic domain
46	<a href="#">d1cvla</a>	Alignment	not modelled	22.8	15	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Bacterial lipase
47	<a href="#">c1cr6A</a>	Alignment	not modelled	22.7	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> epoxide hydrolase; <b>PDBTitle:</b> crystal structure of murine soluble epoxide hydrolase2 complexed with cpu inhibitor
48	<a href="#">c4gxtA</a>	Alignment	not modelled	22.3	18	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> a conserved functionally unknown protein; <b>PDBTitle:</b> the crystal structure of a conserved functionally unknown protein from2 anaerococcus prevotii dsm 20548
49	<a href="#">c4ammA</a>	Alignment	not modelled	21.8	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dyne8; <b>PDBTitle:</b> crystal structure of the acyltransferase domain of the2 iterative polyketide synthase in enediyne biosynthesis3 reveals the molecular basis of substrate specificity
50	<a href="#">d2pl5a1</a>	Alignment	not modelled	21.7	27	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> O-acetyltransferase
51	<a href="#">d1ex9a</a>	Alignment	not modelled	21.4	13	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Bacterial lipase
52	<a href="#">c4as2D</a>	Alignment	not modelled	21.3	20	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> phosphorylcholine phosphatase; <b>PDBTitle:</b> pseudomonas aeruginosa phosphorylcholine phosphatase. monoclinic form
53	<a href="#">c3fi7A</a>	Alignment	not modelled	20.5	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lmo1076 protein; <b>PDBTitle:</b> crystal structure of the autolysin auto (lmo1076) from listeria2 monocytopenes, catalytic domain
						<b>PDB header:</b> hydrolase

54	<a href="#">c3bkhA</a>	Alignment	not modelled	20.4	9	<b>Chain: A: PDB Molecule:</b> lytic transglycosylase; <b>PDBTitle:</b> crystal structure of the bacteriophage phikz lytic2 transglycosylase, gp144  <b>PDB header:</b> hydrolase
55	<a href="#">c1gqkB</a>	Alignment	not modelled	20.1	26	<b>Chain: B: PDB Molecule:</b> alpha-d-glucuronidase; <b>PDBTitle:</b> structure of pseudomonas cellulosa alpha-d-glucuronidase complexed2 with glucuronic acid
56	<a href="#">c4gw3A</a>	Alignment	not modelled	20.0	13	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> putative lipase; <b>PDBTitle:</b> crystal structure of the lipase from proteus mirabilis
57	<a href="#">c3rgiA</a>	Alignment	not modelled	19.7	12	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> disd protein; <b>PDBTitle:</b> trans-acting transferase from disorazole synthase
58	<a href="#">c3im8A</a>	Alignment	not modelled	18.7	19	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> malonyl acyl carrier protein transacylase; <b>PDBTitle:</b> crystal structure of mcat from streptococcus pneumoniae
59	<a href="#">c1u0iB</a>	Alignment	not modelled	18.4	35	<b>PDB header:</b> de novo protein <b>Chain: B: PDB Molecule:</b> iaal-k3; <b>PDBTitle:</b> iaal-e3/k3 heterodimer
60	<a href="#">c3fleB</a>	Alignment	not modelled	17.2	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain: B: PDB Molecule:</b> se_1780 protein; <b>PDBTitle:</b> se_1780 protein of unknown function from staphylococcus epidermidis.
61	<a href="#">c6cl4A</a>	Alignment	not modelled	16.8	13	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> lipase c12; <b>PDBTitle:</b> lpc12 - lipase from metagenomics
62	<a href="#">c2op6A</a>	Alignment	not modelled	16.4	21	<b>PDB header:</b> peptide binding protein <b>Chain: A: PDB Molecule:</b> heat shock 70 kda protein d; <b>PDBTitle:</b> peptide-binding domain of heat shock 70 kda protein d precursor from2 c.elegans
63	<a href="#">c3rxyA</a>	Alignment	not modelled	16.2	16	<b>PDB header:</b> structural genomics, unknown function <b>Chain: A: PDB Molecule:</b> nif3 protein; <b>PDBTitle:</b> crystal structure of nif3 superfamily protein from sphaerobacter2 thermophilus
64	<a href="#">c3lp5A</a>	Alignment	not modelled	16.0	24	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> putative cell surface hydrolase; <b>PDBTitle:</b> the crystal structure of the putative cell surface hydrolase from2 lactobacillus plantarum wcf51
65	<a href="#">c3i28A</a>	Alignment	not modelled	16.0	17	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> epoxide hydrolase 2; <b>PDBTitle:</b> crystal structure of soluble epoxide hydrolase
66	<a href="#">c5jkjA</a>	Alignment	not modelled	15.6	29	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> esterase e22; <b>PDBTitle:</b> crystal structure of esterase e22 l374d mutant
67	<a href="#">d4lipd</a>	Alignment	not modelled	15.2	13	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Bacterial lipase
68	<a href="#">c4x8yA</a>	Alignment	not modelled	14.6	20	<b>PDB header:</b> membrane protein <b>Chain: A: PDB Molecule:</b> membrane-associated progesterone receptor component 1; <b>PDBTitle:</b> crystal structure of human pgrmc1 cytochrome b5-like domain
69	<a href="#">d1j03a</a>	Alignment	not modelled	14.5	16	<b>Fold:</b> Cytochrome b5-like heme/steroid binding domain <b>Superfamily:</b> Cytochrome b5-like heme/steroid binding domain <b>Family:</b> Steroid-binding domain
70	<a href="#">c3tzzA</a>	Alignment	not modelled	14.5	23	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> polyketide synthase pks13; <b>PDBTitle:</b> crystal structure of a fragment containing the acyltransferase domain2 of pks13 from mycobacterium tuberculosis in the carboxypalmitoylated3 form at 2.5 a
71	<a href="#">c2jfkD</a>	Alignment	not modelled	14.3	19	<b>PDB header:</b> transferase <b>Chain: D: PDB Molecule:</b> fatty acid synthase; <b>PDBTitle:</b> structure of the mat domain of human fas with malonyl-coa
72	<a href="#">c5znsA</a>	Alignment	not modelled	14.3	12	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> chitin deacetylase; <b>PDBTitle:</b> insect chitin deacetylase
73	<a href="#">c4qbuA</a>	Alignment	not modelled	14.1	27	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> zmaa; <b>PDBTitle:</b> structure of the acyl transferase domain of zmaa
74	<a href="#">c3g87A</a>	Alignment	not modelled	13.9	25	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> malonyl coa-acyl carrier protein transacylase; <b>PDBTitle:</b> crystal structure of malonyl coa-acyl carrier protein transacylase2 from burkholderia pseudomallei using dried seaweed as nucleant or3 protease
75	<a href="#">c4rr5A</a>	Alignment	not modelled	13.7	23	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> malonyl coa-acyl carrier protein transacylase; <b>PDBTitle:</b> the crystal structure of synecchocystis sp. pcc 6803 malonyl-coa: acp2 transacylase
76	<a href="#">c5czcA</a>	Alignment	not modelled	13.4	17	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> malonyl-coa-[acyl-carrier-protein] transacylase; <b>PDBTitle:</b> the structure of vink
77	<a href="#">c4lpqA</a>	Alignment	not modelled	12.6	10	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> erfk/ybis/ycfs/ynhg family protein; <b>PDBTitle:</b> crystal structure of the l,d-transpeptidase (residues 123-326) from2 xylanimonas cellulosilytica dsm 15894
78	<a href="#">c2qhva</a>	Alignment	not modelled	12.6	9	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> lipoyltransferase; <b>PDBTitle:</b> structural basis of octanoic acid recognition by lipoate-protein2 ligase b
79	<a href="#">c2ahsA</a>	Alignment	not modelled	12.6	9	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> lipoyltransferase;

79	<a href="#">c2yuhA</a>	Alignment	not modelled	12.0	7	<b>PDBTitle:</b> structural basis of octanoic acid recognition by lipoate-protein2 ligase b <b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> polyketide synthase; <b>PDBTitle:</b> acp2 crosslinked to the ks of the loading/condensing region of the2 ctb1 pks
80	<a href="#">c6fikA</a>	Alignment	not modelled	12.5	23	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> alpha/beta hydrolase fold protein of unknown function
81	<a href="#">c2q0xA</a>	Alignment	not modelled	12.3	11	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> phospholipase a 1 from hornet(vespa basalis) venom; <b>PDBTitle:</b> crystal structure of phospholipase a 1 from hornet(vespa basalis)2 venom
82	<a href="#">c4qnnC</a>	Alignment	not modelled	12.2	28	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> type i modular polyketide synthase; <b>PDBTitle:</b> crystal structure of the acyltransferase domain from module 8 of the2 salinomycin polyketide synthase
83	<a href="#">c6iyra</a>	Alignment	not modelled	12.2	23	<b>PDB header:</b> hydrolyse <b>Chain:</b> B: <b>PDB Molecule:</b> lipase, putative; <b>PDBTitle:</b> a. fulgidus lipase with fatty acid fragment and calcium
84	<a href="#">c2zyiB</a>	Alignment	not modelled	12.2	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein ne1242; <b>PDBTitle:</b> solution structure of protein ne1242 from nitrosomonas2 europaea. northeast structural genomics consortium target3 net4
85	<a href="#">c2jv8A</a>	Alignment	not modelled	12.2	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> malonyl coa-acyl carrier protein transacylase; <b>PDBTitle:</b> crystal structure of malonyl coa-acyl carrier protein transacylase2 from clostridium perfringens atcc 13124
86	<a href="#">c3ptwA</a>	Alignment	not modelled	11.9	19	<b>Fold:</b> YejL-like <b>Superfamily:</b> YejL-like <b>Family:</b> YejL-like
87	<a href="#">d2juza1</a>	Alignment	not modelled	11.9	19	<b>PDB header:</b> hydrolyse <b>Chain:</b> A: <b>PDB Molecule:</b> putative poly(3-hydroxybutyrate) depolymerase lppc; <b>PDBTitle:</b> crystal structure of the lppc, poly(3-hydroxybutyrate) depolymerase2 from bordetella parapertussis
88	<a href="#">c3d0kA</a>	Alignment	not modelled	11.9	13	<b>PDB header:</b> transferase, hydrolyse <b>Chain:</b> C: <b>PDB Molecule:</b> fatty acid synthase; <b>PDBTitle:</b> structure of the human fatty acid synthase ks-mat didomain as a2 framework for inhibitor design.
89	<a href="#">c3hhdc</a>	Alignment	not modelled	11.8	16	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Gastric lipase
90	<a href="#">d1k8qa</a>	Alignment	not modelled	11.2	13	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> C: <b>PDB Molecule:</b> cell cycle regulatory protein gcrA; <b>PDBTitle:</b> caulobacter crescentus gcrA dna-binding domain(dbd)in complex with2 unmethylated dsdna
91	<a href="#">c5z7IC</a>	Alignment	not modelled	10.9	24	<b>Fold:</b> Ferritin-like <b>Superfamily:</b> Ferritin-like <b>Family:</b> Ribonucleotide reductase-like
92	<a href="#">d1afra</a>	Alignment	not modelled	10.8	10	<b>PDB header:</b> hydrolyse <b>Chain:</b> A: <b>PDB Molecule:</b> fusion of predicted zn-dependent amidase/peptidase (cell <b>PDBTitle:</b> crystal structure of fused zn-dependent2 amidase/peptidase/peptidoglycan-binding domain-containing protein3 from clostridium acetobutylicum atcc 824
93	<a href="#">c4xxtA</a>	Alignment	not modelled	10.7	8	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Pancreatic lipase, N-terminal domain
94	<a href="#">d1rp1a2</a>	Alignment	not modelled	10.4	24	<b>Fold:</b> FwdE/GAPDH domain-like <b>Superfamily:</b> Glyceraldehyde-3-phosphate dehydrogenase-like, C-terminal domain <b>Family:</b> Dihydronicotinamide reductase-like
95	<a href="#">d1f06a2</a>	Alignment	not modelled	10.3	50	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> curl; <b>PDBTitle:</b> structure of a ketosynthase-acyltransferase di-domain from module curl2 of the curacin a polyketide synthase
96	<a href="#">c4mz0B</a>	Alignment	not modelled	10.2	19	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Pancreatic lipase, N-terminal domain
97	<a href="#">d1lpbb2</a>	Alignment	not modelled	10.1	28	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> homoserine o-acetyltransferase; <b>PDBTitle:</b> homoserine transacetylase meta from mycobacterium abscessus
98	<a href="#">c5w8pA</a>	Alignment	not modelled	10.0	15	<b>Fold:</b> Heat shock protein 70kD (HSP70), peptide-binding domain <b>Superfamily:</b> Heat shock protein 70kD (HSP70), peptide-binding domain <b>Family:</b> Heat shock protein 70kD (HSP70), peptide-binding domain
99	<a href="#">d1yuwa1</a>	Alignment	not modelled	10.0	21	