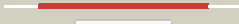



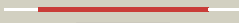
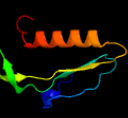





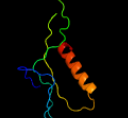







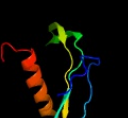

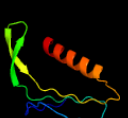
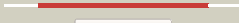
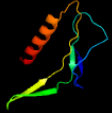
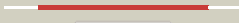

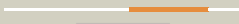






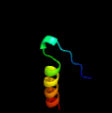


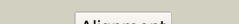


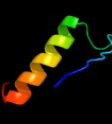

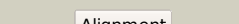

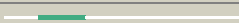

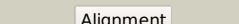
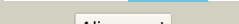
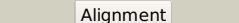


# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1734c_(- )_1960781_1961023
Date	Fri Aug 2 13:30:33 BST 2019
Unique Job ID	edb48cee630d63a1

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1b5sa_</a>	 Alignment		100.0	25	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> CAT-like
2	<a href="#">c4n72B_</a>	 Alignment		100.0	20	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> pyruvate dehydrogenase (dihydrolipoyltransacetylase <b>PDBTitle:</b> catalytic domain from dihydrolipoamide acetyltransferase of pyruvate2 dehydrogenase from escherichia coli
3	<a href="#">c3i60A_</a>	 Alignment		100.0	27	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> branched-chain alpha-keto acid dehydrogenase; <b>PDBTitle:</b> crystal structure of branched-chain alpha-keto acid dehydrogenase2 subunit e2 from mycobacterium tuberculosis
4	<a href="#">d1dpba_</a>	 Alignment		100.0	16	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> CAT-like
5	<a href="#">c2ii4C_</a>	 Alignment		100.0	22	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> lipoamide acyltransferase component of branched-chain <b>PDBTitle:</b> crystal structure of a cubic core of the dihydrolipoamide2 acyltransferase (e2b) component in the branched-chain alpha-ketoacid3 dehydrogenase complex (bckdc), coenzyme a-bound form
6	<a href="#">c3b8kA_</a>	 Alignment		100.0	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydrolipoyllysine-residue acetyltransferase; <b>PDBTitle:</b> structure of the truncated human dihydrolipoyl acetyltransferase (e2)
7	<a href="#">d1scza_</a>	 Alignment		100.0	27	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> CAT-like
8	<a href="#">c3maeA_</a>	 Alignment		100.0	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 2-oxoisovalerate dehydrogenase e2 component, <b>PDBTitle:</b> crystal structure of probable dihydrolipoamide acetyltransferase from2 listeria monocytogenes 4b f2365
9	<a href="#">c6h60A_</a>	 Alignment		100.0	20	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> pyruvate dehydrogenase protein x component, mitochondrial; <b>PDBTitle:</b> pseudo-atomic structural model of the e3bp component of the human2 pyruvate dehydrogenase multienzyme complex
10	<a href="#">c3rqcB_</a>	 Alignment		99.9	23	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> probable lipoamide acyltransferase; <b>PDBTitle:</b> crystal structure of the catalytic core of the 2-oxoacid dehydrogenase2 multienzyme complex from thermoplasma acidophilum
11	<a href="#">d1q23a_</a>	 Alignment		99.7	7	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> CAT-like

12	<a href="#">d3claa_</a>	 Alignment		99.7	15	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> CAT-like
13	<a href="#">c2i9dC_</a>	 Alignment		99.7	20	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> chloramphenicol acetyltransferase; <b>PDBTitle:</b> chloramphenicol acetyltransferase
14	<a href="#">c2zbaD_</a>	 Alignment		80.5	17	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> trichothecene 3-o-acetyltransferase; <b>PDBTitle:</b> crystal structure of f. sporotrichioides tri101 complexed with2 coenzyme a and t-2
15	<a href="#">c2xt6B_</a>	 Alignment		78.8	15	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> 2-oxoglutarate decarboxylase; <b>PDBTitle:</b> crystal structure of mycobacterium smegmatis alpha-ketoglutarate2 decarboxylase homodimer (orthorhombic form)
16	<a href="#">c3fotA_</a>	 Alignment		77.9	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 15-o-acetyltransferase; <b>PDBTitle:</b> structural and functional characterization of tri3 trichothecene 15-o-2 acetyltransferase from fusarium sporotrichioides
17	<a href="#">c2e1uA_</a>	 Alignment		75.8	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> acyl transferase; <b>PDBTitle:</b> crystal structure of dendranthema morifolium dmat
18	<a href="#">c4ke4A_</a>	 Alignment		74.5	28	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxycinnamoyl-coa:shikimate hydroxycinnamoyl <b>PDBTitle:</b> elucidation of the structure and reaction mechanism of sorghum bicolor2 hydroxycinnamoyltransferase and its structural relationship to other3 coa-dependent transferases and synthases
19	<a href="#">c3b2sA_</a>	 Alignment		72.5	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> trichothecene 3-o-acetyltransferase; <b>PDBTitle:</b> crystal structure of f. graminearum tri101 complexed with coenzyme a2 and deoxynivalenol
20	<a href="#">c4g0bA_</a>	 Alignment		68.1	22	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> hydroxycinnamoyl-coa shikimate/quinat <b>PDBTitle:</b> structure of native hct from coffea canephora
21	<a href="#">c2xr7A_</a>	 Alignment	not modelled	63.0	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> malonyltransferase; <b>PDBTitle:</b> crystal structure of nicotiana tabacum malonyltransferase (ntmat1)2 complexed with malonyl-coa
22	<a href="#">c2bghA_</a>	 Alignment	not modelled	62.8	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> vinorine synthase; <b>PDBTitle:</b> crystal structure of vinorine synthase
23	<a href="#">c5t3eA_</a>	 Alignment	not modelled	53.4	16	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> bacillamide synthetase heterocyclization domain; <b>PDBTitle:</b> crystal structure of a nonribosomal peptide synthetase2 heterocyclization domain.
24	<a href="#">c4j7hA_</a>	 Alignment	not modelled	40.2	24	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> evaa 2,3-dehydratase; <b>PDBTitle:</b> crystal structure of evaa, a 2,3-dehydratase in complex with dtdp-2 benzene and dtdp-rhamnose
25	<a href="#">d1q9ja1</a>	 Alignment	not modelled	39.7	29	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> NRPS condensation domain (amide synthase)
26	<a href="#">d1ysja2</a>	 Alignment	not modelled	39.1	6	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
27	<a href="#">d1z2la2</a>	 Alignment	not modelled	38.4	16	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
28	<a href="#">c6cgoB_</a>	 Alignment	not modelled	37.9	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> B: <b>PDB Molecule:</b> condensation domain protein; <b>PDBTitle:</b> molecular basis for condensation domain-mediated chain release from2 the enacyloxin polyketide synthase

29	<a href="#">c5m6pB_</a>	Alignment	not modelled	37.3	7	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> tyrocidine synthase 2; <b>PDBTitle:</b> crystal structure of the epimerization domain from module 3 of2 tyrocidine synthetase b, tycb3(e)
30	<a href="#">c4znmB_</a>	Alignment	not modelled	36.0	13	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> c-domain type ii peptide synthetase; <b>PDBTitle:</b> crystal structure of sgcc5 protein from streptomyces globisporus (apo2 form)
31	<a href="#">c1q9jA_</a>	Alignment	not modelled	35.9	27	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> polyketide synthase associated protein 5; <b>PDBTitle:</b> structure of polyketide synthase associated protein 5 from2 mycobacterium tuberculosis
32	<a href="#">d1vgya2</a>	Alignment	not modelled	35.8	9	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
33	<a href="#">d1cg2a2</a>	Alignment	not modelled	33.8	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
34	<a href="#">c6aefB_</a>	Alignment	not modelled	33.2	9	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> polyketide synthase associated protein papa2; <b>PDBTitle:</b> papa2 acyl transferase
35	<a href="#">c2jgpA_</a>	Alignment	not modelled	32.7	3	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> tyrocidine synthetase 3; <b>PDBTitle:</b> structure of the tycc5-6 pcp-c bidomain of the tyrocidine synthetase2 tycc
36	<a href="#">c5dijA_</a>	Alignment	not modelled	32.2	7	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> tqaa; <b>PDBTitle:</b> the crystal structure of ct
37	<a href="#">c3v46A_</a>	Alignment	not modelled	31.9	14	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> cell division control protein 73; <b>PDBTitle:</b> crystal structure of yeast cdc73 c-terminal domain
38	<a href="#">c3d3rA_</a>	Alignment	not modelled	29.7	13	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> hydrogenase assembly chaperone hyc/hupf; <b>PDBTitle:</b> crystal structure of the hydrogenase assembly chaperone hyc/hupf2 family protein from shewanella oneidensis mr-1
39	<a href="#">d1r3na2</a>	Alignment	not modelled	28.8	10	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
40	<a href="#">c6ad3A_</a>	Alignment	not modelled	28.6	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> lovastatin nonaketide synthase moka; <b>PDBTitle:</b> structural characterization of the condensation domain from monacolin2 k polyketide synthase moka
41	<a href="#">d1l5aa2</a>	Alignment	not modelled	27.7	7	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> NRPS condensation domain (amide synthase)
42	<a href="#">c4tx3B_</a>	Alignment	not modelled	26.4	9	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> peptide synthetase, module 7; <b>PDBTitle:</b> complex of the x-domain and oxyb from teicoplanin biosynthesis
43	<a href="#">c2fy2A_</a>	Alignment	not modelled	26.0	7	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> choline o-acetyltransferase; <b>PDBTitle:</b> structures of ligand bound human choline acetyltransferase provide2 insight into regulation of acetylcholine synthesis
44	<a href="#">d3d3ra1</a>	Alignment	not modelled	25.6	13	<b>Fold:</b> OB-fold <b>Superfamily:</b> HupF/HypC-like <b>Family:</b> HupF/HypC-like
45	<a href="#">c2xhgA_</a>	Alignment	not modelled	25.2	7	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> tyrocidine synthetase a; <b>PDBTitle:</b> crystal structure of the epimerization domain from the initiation2 module of tyrocidine biosynthesis
46	<a href="#">c1l5aA_</a>	Alignment	not modelled	24.7	7	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> amide synthase; <b>PDBTitle:</b> crystal structure of vibh, an nrps condensation enzyme
47	<a href="#">c6m7lB_</a>	Alignment	not modelled	24.3	9	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> B: <b>PDB Molecule:</b> putative non-ribosomal peptide synthetase; <b>PDBTitle:</b> complex of oxa with the x-domain from gpa biosynthesis
48	<a href="#">c5t81A_</a>	Alignment	not modelled	22.6	13	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> epob; <b>PDBTitle:</b> rhombohedral crystal form of the epob nrps cyclization-docking2 bidomain from sorangium cellulosum
49	<a href="#">d1l5aa1</a>	Alignment	not modelled	22.3	21	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> NRPS condensation domain (amide synthase)
50	<a href="#">d2z1ca1</a>	Alignment	not modelled	21.9	16	<b>Fold:</b> OB-fold <b>Superfamily:</b> HupF/HypC-like <b>Family:</b> HupF/HypC-like
51	<a href="#">d1nm8a1</a>	Alignment	not modelled	21.8	12	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> Choline/Carnitine O-acyltransferase
52	<a href="#">c4jn3B_</a>	Alignment	not modelled	19.8	0	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> B: <b>PDB Molecule:</b> cda peptide synthetase i; <b>PDBTitle:</b> crystal structures of the first condensation domain of the cda2 synthetase
53	<a href="#">d1ndba1</a>	Alignment	not modelled	19.1	11	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> Choline/Carnitine O-acyltransferase
54	<a href="#">c6dd2A_</a>	Alignment	not modelled	18.9	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable hydroxycinnamoyl transferase; <b>PDBTitle:</b> crystal structure of selaginella moellendorffii hct
						<b>Fold:</b> CoA-dependent acyltransferases

55	<a href="#">d1t1ua1</a>	Alignment	not modelled	16.5	8	<b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> Choline/Carnitine O-acyltransferase
56	<a href="#">c4hvmC_</a>	Alignment	not modelled	15.5	7	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> C: <b>PDB Molecule:</b> tlmii; <b>PDBTitle:</b> crystal structure of tallysomyin biosynthesis protein tlmii
57	<a href="#">c1t7qA_</a>	Alignment	not modelled	14.7	10	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> carnitine acetyltransferase; <b>PDBTitle:</b> crystal structure of the f565a mutant of murine carnitine2 acetyltransferase in complex with carnitine and coa
58	<a href="#">d1xl7a1</a>	Alignment	not modelled	14.4	11	<b>Fold:</b> CoA-dependent acyltransferases <b>Superfamily:</b> CoA-dependent acyltransferases <b>Family:</b> Choline/Carnitine O-acyltransferase
59	<a href="#">c3lfjB_</a>	Alignment	not modelled	12.8	4	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphotransferase system, mannose/fructose/n- <b>PDBTitle:</b> crystal structure of manxb from thermoanaerobacter tengcongensis
60	<a href="#">c1xl8B_</a>	Alignment	not modelled	12.1	10	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> peroxisomal carnitine o-octanoyltransferase; <b>PDBTitle:</b> crystal structure of mouse carnitine octanoyltransferase in2 complex with octanoylcarnitine
61	<a href="#">c4mmoB_</a>	Alignment	not modelled	12.0	12	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> sso-cp2 metallo-carboxypeptidase; <b>PDBTitle:</b> the crystal structure of a m20 family metallo-carboxypeptidase sso-cp22 from sulfolobus solfataricus
62	<a href="#">c5t17A_</a>	Alignment	not modelled	10.8	5	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphocarrier protein npr; <b>PDBTitle:</b> nmr structure of the e. coli protein npr, residues 1-85
63	<a href="#">c4zxiA_</a>	Alignment	not modelled	10.7	10	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> enterobactin synthase component f; <b>PDBTitle:</b> crystal structure of holo-entf a nonribosomal peptide synthetase in2 the thioester-forming conformation
64	<a href="#">c3pfoB_</a>	Alignment	not modelled	10.6	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative acetylornithine deacetylase; <b>PDBTitle:</b> crystal structure of a putative acetylornithine deacetylase (rpa2325)2 from rhodospseudomonas palustris cga009 at 1.90 a resolution
65	<a href="#">d1zvvi1</a>	Alignment	not modelled	10.4	0	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
66	<a href="#">d2ot2a1</a>	Alignment	not modelled	10.2	14	<b>Fold:</b> OB-fold <b>Superfamily:</b> HupF/HypC-like <b>Family:</b> HupF/HypC-like
67	<a href="#">d1cm3a_</a>	Alignment	not modelled	9.4	5	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
68	<a href="#">c4pxeB_</a>	Alignment	not modelled	9.3	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> ureidoglycolate hydrolase; <b>PDBTitle:</b> the crystal structure of atuah in complex with glyoxylate
69	<a href="#">c5u89A_</a>	Alignment	not modelled	9.2	12	<b>PDB header:</b> hydrolase/inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> amino acid adenylation domain protein; <b>PDBTitle:</b> crystal structure of a cross-module fragment from the dimodular nrps2 dhubf
70	<a href="#">d1ptfa_</a>	Alignment	not modelled	9.1	17	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
71	<a href="#">c3n5fB_</a>	Alignment	not modelled	8.8	10	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> n-carbamoyl-l-amino acid hydrolase; <b>PDBTitle:</b> crystal structure of l-n-carbamoylase from geobacillus2 stearothermophilus cect43
72	<a href="#">c6ozvA_</a>	Alignment	not modelled	8.7	22	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> txo1; <b>PDBTitle:</b> the structure of condensation and adenylation domains of teixobactin-2 producing nonribosomal peptide synthetase txo1 serine module in3 complex with amp
73	<a href="#">c1vsqC_</a>	Alignment	not modelled	8.7	12	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> mannose-specific phosphotransferase enzyme iib component; <b>PDBTitle:</b> solution nmr structure of the productive complex between iiamannose2 and iibmannose of the mannose transporter of the e. coli3 phosphotransferase system
74	<a href="#">c3ihsB_</a>	Alignment	not modelled	8.7	0	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> phosphocarrier protein hpr; <b>PDBTitle:</b> crystal structure of a phosphocarrier protein hpr from2 bacillus anthracis str. ames
75	<a href="#">c6chjB_</a>	Alignment	not modelled	8.7	18	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> diacylglycerol o-acyltransferase; <b>PDBTitle:</b> wax ester synthase/diacylglycerol acyltransferase from marinobacter2 aquaeolei vt8
76	<a href="#">c1q6xA_</a>	Alignment	not modelled	8.6	9	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> choline o-acetyltransferase; <b>PDBTitle:</b> crystal structure of rat choline acetyltransferase
77	<a href="#">d1mo1a_</a>	Alignment	not modelled	8.5	0	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
78	<a href="#">c5d6aA_</a>	Alignment	not modelled	8.5	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> predicted atpase of the abc class; <b>PDBTitle:</b> 2.7 angstrom crystal structure of abc transporter atpase from vibrio2 vulnificus in complex with adenylyl-imidodiphosphate (amp-pnp)
79	<a href="#">c2imoA_</a>	Alignment	not modelled	8.2	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> allantoate amidohydrolase; <b>PDBTitle:</b> crystal structure of allantoate amidohydrolase from escherichia coli2 at ph 4.6

80	<a href="#">c2pokB_</a>	Alignment	not modelled	8.2	6	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> peptidase, m20/m25/m40 family; <b>PDBTitle:</b> crystal structure of a m20 family metallo peptidase from streptococcus2 pneumoniae
81	<a href="#">c2memA_</a>	Alignment	not modelled	8.0	9	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> sex comb on midleg-like protein 2; <b>PDBTitle:</b> solution nmr structure of sled domain of scm12
82	<a href="#">c2zogA_</a>	Alignment	not modelled	7.3	3	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cytosolic non-specific dipeptidase; <b>PDBTitle:</b> crystal structure of mouse carnosinase cn2 complexed with zn and2 bestatin
83	<a href="#">c2fyoA_</a>	Alignment	not modelled	7.2	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> carnitine o-palmitoyltransferase ii, mitochondrial; <b>PDBTitle:</b> crystal structure of rat carnitine palmitoyltransferase 2 in space2 group p43212
84	<a href="#">c3fz0C_</a>	Alignment	not modelled	6.9	8	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> nucleoside hydrolase, putative; <b>PDBTitle:</b> inosine-guanosine nucleoside hydrolase (ig-nh)
85	<a href="#">c2f7vA_</a>	Alignment	not modelled	6.7	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> aecylcitrulline deacetylase; <b>PDBTitle:</b> structure of aecylcitrulline deacetylase complexed with2 one co
86	<a href="#">c5tp4B_</a>	Alignment	not modelled	6.6	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> amidase, hydantoinase/carbamoylase family; <b>PDBTitle:</b> crystal structure of a hydantoinase/carbamoylase family amidase from2 burkholderia ambifaria
87	<a href="#">c3le1B_</a>	Alignment	not modelled	6.5	5	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphotransferase system, hpr-related proteins; <b>PDBTitle:</b> crystal structure of apohpr monomer from thermoanaerobacter2 tengcongensis
88	<a href="#">d2oo3a1</a>	Alignment	not modelled	6.4	38	<b>Fold:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Superfamily:</b> S-adenosyl-L-methionine-dependent methyltransferases <b>Family:</b> LPG1296-like
89	<a href="#">d1ka5a_</a>	Alignment	not modelled	6.3	9	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
90	<a href="#">c2v8gD_</a>	Alignment	not modelled	6.1	10	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> beta-alanine synthase; <b>PDBTitle:</b> crystal structure of beta-alanine synthase from2 saccharomyces kluuyveri in complex with the product beta-3 alanine
91	<a href="#">c3eyeA_</a>	Alignment	not modelled	6.0	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> pts system n-acetylgalactosamine-specific iib component 1; <b>PDBTitle:</b> crystal structure of pts system n-acetylgalactosamine-specific iib2 component 1 from escherichia coli
92	<a href="#">c2h4tB_</a>	Alignment	not modelled	5.7	20	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> carnitine o-palmitoyltransferase ii, mitochondrial; <b>PDBTitle:</b> crystal structure of rat carnitine palmitoyltransferase ii
93	<a href="#">d2hpra_</a>	Alignment	not modelled	5.5	5	<b>Fold:</b> HPr-like <b>Superfamily:</b> HPr-like <b>Family:</b> HPr-like
94	<a href="#">c6mbcB_</a>	Alignment	not modelled	5.4	23	<b>PDB header:</b> apoptosis <b>Chain:</b> B: <b>PDB Molecule:</b> df4; <b>PDBTitle:</b> human bfl-1 in complex with the designed peptide df4
95	<a href="#">c3io1B_</a>	Alignment	not modelled	5.4	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> aminobenzoyl-glutamate utilization protein; <b>PDBTitle:</b> crystal structure of aminobenzoyl-glutamate utilization2 protein from klebsiella pneumoniae
96	<a href="#">c5ij7T_</a>	Alignment	not modelled	5.1	8	<b>PDB header:</b> transferase/transferase inhibitor <b>Chain:</b> T: <b>PDB Molecule:</b> polycomb protein suz12; <b>PDBTitle:</b> structure of hs/acprc2 in complex with a pyridone inhibitor