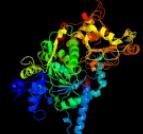
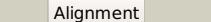
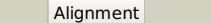
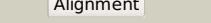
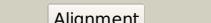


# Phyre<sup>2</sup>

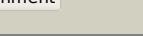
Email	mdejesus@rockefeller.edu
Description	RVBD1475c_(acn)_1663221_1666052
Date	Fri Aug 2 13:30:05 BST 2019
Unique Job ID	6c52ce9bead7e5c7

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c2b3yB</a>			100.0	52	<b>PDB header:</b> lyase <b>Chain:</b> B; <b>PDB Molecule:</b> iron-responsive element binding protein 1; <b>PDBTitle:</b> structure of a monoclinic crystal form of human cytosolic aconitase2 (irp1)
2	<a href="#">c5acnA</a>			100.0	29	<b>PDB header:</b> lyase(carbon-oxygen) <b>Chain:</b> A; <b>PDB Molecule:</b> aconitase; <b>PDBTitle:</b> structure of activated aconitase. formation of the (4fe-4s) cluster in2 the crystal
3	<a href="#">d2b3ya2</a>			100.0	51	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
4	<a href="#">d1acoa2</a>			100.0	31	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
5	<a href="#">c4kp1A</a>			100.0	25	<b>PDB header:</b> isomerase <b>Chain:</b> A; <b>PDB Molecule:</b> isopropylmalate/citramalate isomerase large subunit; <b>PDBTitle:</b> crystal structure of ipm isomerase large subunit from methanococcus2 jannaschii (mj0499)
6	<a href="#">c4kp2A</a>			100.0	24	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> homoaconitase large subunit; <b>PDBTitle:</b> crystal structure of homoaconitase large subunit from methanococcus2 jannaschii (mj1003)
7	<a href="#">d1l5ja3</a>			100.0	22	<b>Fold:</b> Aconitase iron-sulfur domain <b>Superfamily:</b> Aconitase iron-sulfur domain <b>Family:</b> Aconitase iron-sulfur domain
8	<a href="#">c1l5jb</a>			100.0	23	<b>PDB header:</b> lyase <b>Chain:</b> B; <b>PDB Molecule:</b> aconitate hydratase 2; <b>PDBTitle:</b> crystal structure of e. coli aconitase b.
9	<a href="#">d2b3ya1</a>			100.0	52	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like
10	<a href="#">d1acoa1</a>			100.0	26	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like
11	<a href="#">d1l5ja2</a>			100.0	22	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like

12	<a href="#">c3vbaE</a>			100.0	29	<b>PDB header:</b> lyase <b>Chain:</b> E; <b>PDB Molecule:</b> isopropylmalate/citramalate isomerase small subunit; <b>PDBTitle:</b> crystal structure of methanogen 3-isopropylmalate isomerase small2 subunit
13	<a href="#">c2pkpA</a>			100.0	30	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> homoaconitase small subunit; <b>PDBTitle:</b> crystal structure of 3-isopropylmalate dehydratase (leuD)2 from methanocaldococcus jannaschii dsm2661 (mj1271)
14	<a href="#">d1v7la</a>			100.0	36	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> LeuD-like
15	<a href="#">c2hcuA</a>			100.0	25	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> 3-isopropylmalate dehydratase small subunit; <b>PDBTitle:</b> crystal structure of smu.1381 (or leuD) from streptococcus mutans
16	<a href="#">c3q3wB</a>			100.0	25	<b>PDB header:</b> transferase <b>Chain:</b> B; <b>PDB Molecule:</b> 3-isopropylmalate dehydratase small subunit; <b>PDBTitle:</b> isopropylmalate isomerase small subunit from campylobacter jejuni.
17	<a href="#">c3h5jA</a>			100.0	27	<b>PDB header:</b> lyase <b>Chain:</b> A; <b>PDB Molecule:</b> 3-isopropylmalate dehydratase small subunit; <b>PDBTitle:</b> leuD_1-168 small subunit of isopropylmalate isomerase (rv2987c) from mycobacterium tuberculosis
18	<a href="#">d1cf1a1</a>			72.3	14	<b>Fold:</b> immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> Arrestin/Vps26-like
19	<a href="#">d1g4ma1</a>			71.5	34	<b>Fold:</b> immunoglobulin-like beta-sandwich <b>Superfamily:</b> E set domains <b>Family:</b> Arrestin/Vps26-like
20	<a href="#">d2r4qa1</a>			71.4	32	<b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
21	<a href="#">c4zwjC</a>		not modelled	59.2	16	<b>PDB header:</b> signaling protein <b>Chain:</b> C; <b>PDB Molecule:</b> chimera protein of human rhodopsin, mouse s-arrestin, and <b>PDBTitle:</b> crystal structure of rhodopsin bound to arrestin by femtosecond x-ray2 laser
22	<a href="#">c4zwjA</a>		not modelled	59.1	16	<b>PDB header:</b> signaling protein <b>Chain:</b> A; <b>PDB Molecule:</b> chimera protein of human rhodopsin, mouse s-arrestin, and <b>PDBTitle:</b> crystal structure of rhodopsin bound to arrestin by femtosecond x-ray2 laser
23	<a href="#">c4jxdA</a>		not modelled	54.4	15	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> fructose-like phosphotransferase enzyme iib component 3; <b>PDBTitle:</b> crystal structure of predicted fructose specific iib from escherichia2 coli
24	<a href="#">c3qm3C</a>		not modelled	52.6	26	<b>PDB header:</b> lyase <b>Chain:</b> C; <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> 1.85 angstrom resolution crystal structure of fructose-bisphosphate2 aldolase (fba) from campylobacter jejuni
25	<a href="#">c5dleD</a>		not modelled	50.3	21	<b>PDB header:</b> transferase <b>Chain:</b> D; <b>PDB Molecule:</b> pts system, fructose-specific iiabc component; <b>PDBTitle:</b> crystal structure from a domain (thr161-f265) from fructose-specific2 iiabc component (pts system) from borrelia burgdorferi
26	<a href="#">d1dosa</a>		not modelled	50.0	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
27	<a href="#">c2kyra</a>		not modelled	49.3	27	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> fructose-like phosphotransferase enzyme iib component 1; <b>PDBTitle:</b> solution structure of enzyme iib subunit of pts system from2 escherichia coli k12. northeast structural genomics

					consortium target3 er315/ontario center for structural proteomics target ec0544
28	<a href="#">d2r48a1</a>	Alignment	not modelled	48.9	33 <b>Fold:</b> Phosphotyrosine protein phosphatases I-like <b>Superfamily:</b> PTS system IIB component-like <b>Family:</b> PTS system, Fructose specific IIB subunit-like
29	<a href="#">c6bk9A</a>	Alignment	not modelled	48.8	22 <b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> visual arrestin; <b>PDBTitle:</b> crystal structure of squid arrestin
30	<a href="#">c4e6nC</a>	Alignment	not modelled	48.6	25 <b>PDB header:</b> protein binding <b>Chain:</b> C: <b>PDB Molecule:</b> metallophosphoesterase; <b>PDBTitle:</b> crystal structure of bacterial pnkp-c/hen1-n heterodimer
31	<a href="#">c2m1zA</a>	Alignment	not modelled	46.0	27 <b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> lmo0427 protein; <b>PDBTitle:</b> solution structure of uncharacterized protein lmo0427
32	<a href="#">c4y0bA</a>	Alignment	not modelled	40.3	11 <b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> double clp-n motif protein; <b>PDBTitle:</b> the structure of arabidopsis clpt1
33	<a href="#">c3elfA</a>	Alignment	not modelled	31.4	25 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> structural characterization of tetrameric mycobacterium tuberculosis2 fructose 1,6-bisphosphate aldolase - substrate binding and catalysis3 mechanism of a class iiia bacterial aldolase
34	<a href="#">d1t3va</a>	Alignment	not modelled	29.6	15 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
35	<a href="#">c5ze4A</a>	Alignment	not modelled	28.1	18 <b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> dihydroxy-acid dehydratase, chloroplastic; <b>PDBTitle:</b> the structure of holo- structure of dhad complex with [2fe-2s] cluster
36	<a href="#">c6ez3C</a>	Alignment	not modelled	25.8	22 <b>PDB header:</b> rna binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> cyclo(l-leucyl-l-leucyl) synthase; <b>PDBTitle:</b> structure of ccdps from staphylococcus haemolyticus
37	<a href="#">d1o13a</a>	Alignment	not modelled	25.4	15 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
38	<a href="#">d1mxaa1</a>	Alignment	not modelled	23.9	23 <b>Fold:</b> S-adenosylmethionine synthetase <b>Superfamily:</b> S-adenosylmethionine synthetase <b>Family:</b> S-adenosylmethionine synthetase
39	<a href="#">d1k6ka</a>	Alignment	not modelled	22.6	30 <b>Fold:</b> Double Clp-N motif <b>Superfamily:</b> Double Clp-N motif <b>Family:</b> Double Clp-N motif
40	<a href="#">c2yx6C</a>	Alignment	not modelled	22.2	12 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> C: <b>PDB Molecule:</b> hypothetical protein ph0822; <b>PDBTitle:</b> crystal structure of ph0822
41	<a href="#">d1rdua</a>	Alignment	not modelled	21.9	22 <b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
42	<a href="#">c5n5xL</a>	Alignment	not modelled	21.5	16 <b>PDB header:</b> transcription <b>Chain:</b> L: <b>PDB Molecule:</b> rna polymerase i-specific transcription initiation factor <b>PDBTitle:</b> crystal structure of s. cerevisiae core factor at 3.2a resolution
43	<a href="#">c5n5xl</a>	Alignment	not modelled	21.5	16 <b>PDB header:</b> transcription <b>Chain:</b> I: <b>PDB Molecule:</b> rna polymerase i-specific transcription initiation factor <b>PDBTitle:</b> crystal structure of s. cerevisiae core factor at 3.2a resolution
44	<a href="#">d2p02a1</a>	Alignment	not modelled	20.7	21 <b>Fold:</b> S-adenosylmethionine synthetase <b>Superfamily:</b> S-adenosylmethionine synthetase <b>Family:</b> S-adenosylmethionine synthetase
45	<a href="#">c4wwsE</a>	Alignment	not modelled	20.3	32 <b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> putative heme-dependent peroxidase Imo2113; <b>PDBTitle:</b> structure of chlorite dismutase-like protein from listeria2 monocytogenes
46	<a href="#">d1gvfa</a>	Alignment	not modelled	20.2	21 <b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
47	<a href="#">c5yudA</a>	Alignment	not modelled	19.8	33 <b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> baculoviral iap repeat-containing protein 1e; <b>PDBTitle:</b> flagellin derivative in complex with the nlr protein naip5
48	<a href="#">c5u2IA</a>	Alignment	not modelled	19.3	22 <b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> heat shock protein 104; <b>PDBTitle:</b> crystal structure of the hsp104 n-terminal domain from candida2 albicans
49	<a href="#">c3iz5O</a>	Alignment	not modelled	18.9	22 <b>PDB header:</b> ribosome <b>Chain:</b> Q: <b>PDB Molecule:</b> 60s ribosomal protein l5 (l18p); <b>PDBTitle:</b> localization of the large subunit ribosomal proteins into a 5.5 a2 cryo-em map of triticum aestivum translating 80s ribosome
50	<a href="#">c5gkmA</a>	Alignment	not modelled	18.9	16 <b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> at5g51070/k3k7_27; <b>PDBTitle:</b> crystal structure of the n-terminal domain of caseinolytic protease2 associated chaperone clpd from arabidopsis thaliana
51	<a href="#">d1qm4a1</a>	Alignment	not modelled	18.7	18 <b>Fold:</b> S-adenosylmethionine synthetase <b>Superfamily:</b> S-adenosylmethionine synthetase <b>Family:</b> S-adenosylmethionine synthetase
52	<a href="#">c4y0cB</a>	Alignment	not modelled	18.4	19 <b>PDB header:</b> protein binding <b>Chain:</b> B: <b>PDB Molecule:</b> clp protease-related protein at4g12060, chloroplastic; <b>PDBTitle:</b> the structure of arabidopsis clpt2
					<b>Fold:</b> IlvD/EDD N-terminal domain-like

53	<a href="#">d2gp4a2</a>		Alignment	not modelled	18.0	18	<b>Superfamily:</b> IlvD/EDD N-terminal domain-like <b>Family:</b> IlvD/EDD N-terminal domain-like
54	<a href="#">c6b5bA</a>		Alignment	not modelled	17.7	33	<b>PDB header:</b> immune system <b>Chain:</b> A: <b>PDB Molecule:</b> baculoviral iap repeat-containing protein 1e; <b>PDBTitle:</b> cryo-em structure of the naip5-nlrc4-flagellin inflammasome
55	<a href="#">c2wbrA</a>		Alignment	not modelled	17.5	31	<b>PDB header:</b> dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> gw182; <b>PDBTitle:</b> the rrm domain in gw182 proteins contributes to mirna-2 mediated gene silencing
56	<a href="#">d1eola</a>		Alignment	not modelled	17.5	23	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> MTH1175-like
57	<a href="#">c2gp4A</a>		Alignment	not modelled	16.9	14	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phosphogluconate dehydratase; <b>PDBTitle:</b> structure of [fes]cluster-free apo form of 6-phosphogluconate2 dehydratase from shewanella oneidensis
58	<a href="#">c4hn9B</a>		Alignment	not modelled	16.4	21	<b>PDB header:</b> transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> iron complex transport system substrate-binding protein; <b>PDBTitle:</b> crystal structure of iron abc transporter solute-binding protein from2 eubacterium eligens
59	<a href="#">d1t0tv</a>		Alignment	not modelled	16.3	27	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Chlorite dismutase-like
60	<a href="#">d1uk8a</a>		Alignment	not modelled	16.1	20	<b>Fold:</b> alpha/beta-Hydrolases <b>Superfamily:</b> alpha/beta-Hydrolases <b>Family:</b> Carbon-carbon bond hydrolase
61	<a href="#">c4ikrA</a>		Alignment	not modelled	16.1	23	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> purine nucleoside phosphorylase deod-type; <b>PDBTitle:</b> crystal structure of deod-3 gene product from shewanella oneidensis2 mr-1, nysgrc target 029437
62	<a href="#">c6hu9r</a>		Alignment	not modelled	16.0	22	<b>PDB header:</b> oxidoreductase/electron transport <b>Chain:</b> R: <b>PDB Molecule:</b> cytochrome b-c1 complex subunit 7; <b>PDBTitle:</b> iii2-iv2 mitochondrial respiratory supercomplex from s. cerevisiae
63	<a href="#">c4zo3A</a>		Alignment	not modelled	15.9	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> acylhomoserine lactonase; <b>PDBTitle:</b> aidc, a dizing quorom-quenching lactonase, in complex with a product2 n-hexanoyl-l-homoserine
64	<a href="#">c2dfjA</a>		Alignment	not modelled	15.6	31	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> diadenosinetetraphosphatase; <b>PDBTitle:</b> crystal structure of the diadenosine tetraphosphate2 hydrolase from shigella flexneri 2a
65	<a href="#">c3cf4A</a>		Alignment	not modelled	15.3	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> acetyl-coa decarboxylase/synthase alpha subunit; <b>PDBTitle:</b> structure of the codh component of the m. barkeri acds complex
66	<a href="#">c2wfbA</a>		Alignment	not modelled	15.2	17	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein orp; <b>PDBTitle:</b> high resolution structure of the apo form of the orange2 protein (orp) from desulfovibrio gigas
67	<a href="#">c6emwX</a>		Alignment	not modelled	14.4	21	<b>PDB header:</b> chaperone <b>Chain:</b> X: <b>PDB Molecule:</b> atp-dependent clp protease atp-binding subunit clpc; <b>PDBTitle:</b> structure of s.aureus clpc in complex with meca
68	<a href="#">c2oxIA</a>		Alignment	not modelled	14.2	21	<b>PDB header:</b> gene regulation <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ymgb; <b>PDBTitle:</b> structure and function of the e. coli protein ymgb: a protein critical2 for biofilm formation and acid resistance
69	<a href="#">d1iuka</a>		Alignment	not modelled	14.1	13	<b>Fold:</b> NAD(P)-binding Rossmann-fold domains <b>Superfamily:</b> NAD(P)-binding Rossmann-fold domains <b>Family:</b> CoA-binding domain
70	<a href="#">c4oc8A</a>		Alignment	not modelled	13.9	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> restriction endonuclease asphii; <b>PDBTitle:</b> dna modification-dependent restriction endonuclease asphii
71	<a href="#">d2ac7a1</a>		Alignment	not modelled	13.9	23	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
72	<a href="#">d1p90a</a>		Alignment	not modelled	13.6	15	<b>Fold:</b> Ribonuclease H-like motif <b>Superfamily:</b> Nitrogenase accessory factor-like <b>Family:</b> Nitrogenase accessory factor
73	<a href="#">d1vdha</a>		Alignment	not modelled	13.4	23	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Dimeric alpha+beta barrel <b>Family:</b> Chlorite dismutase-like
74	<a href="#">c4m3nA</a>		Alignment	not modelled	13.1	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> purine nucleoside phosphorylase deod-type; <b>PDBTitle:</b> crystal structure of purine nucleoside phosphorylase from meiothermus2 ruber dsm 1279, nysgrc target 029804.
75	<a href="#">c4dtfA</a>		Alignment	not modelled	13.0	21	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> vrg protein; <b>PDBTitle:</b> structure of a vrg vibrio cholerae toxin acd domain in complex with2 amp-pnp and mg++
76	<a href="#">c3qpbB</a>		Alignment	not modelled	12.8	25	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> uridine phosphorylase; <b>PDBTitle:</b> crystal structure of streptococcus pyogenes uridine phosphorylase2 reveals a subclass of the np-i superfamily
77	<a href="#">c5oynB</a>		Alignment	not modelled	12.6	14	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> dehydratase, ilvd/edd family; <b>PDBTitle:</b> crystal structure of d-xylonate dehydratase in holo-form
78	<a href="#">c4irfa</a>		Alignment	not modelled	12.5	10	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> malarial clpb2 atpase/hsp101 protein;

78	<a href="#">c4tta</a>	Alignment	not modelled	12.5	10	<b>PDBTitle:</b> preliminary structural investigations of a malarial protein secretion2 system  <b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> photosystem ii repair protein psb27-h1, chloroplastic; <b>PDBTitle:</b> crystal structure of psb27 from arabidopsis thaliana
79	<a href="#">c5x56A</a>	Alignment	not modelled	12.4	15	<b>PDB header:</b> chaperone <b>Chain:</b> A: <b>PDB Molecule:</b> chaperone protein clpc1, chloroplastic; <b>PDBTitle:</b> crystal structure of the n-terminal domain of caseinolytic protease2 associated chaperone clpc1 from arabidopsis thaliana
80	<a href="#">c5guiA</a>	Alignment	not modelled	12.4	20	<b>PDB header:</b> dna replication <b>Chain:</b> B: <b>PDB Molecule:</b> polymerase x; <b>PDBTitle:</b> structure of family x dna polymerase from deinococcus2 radiodurans
81	<a href="#">c2w9mB</a>	Alignment	not modelled	12.3	35	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable atp-dependent protease (heat shock protein); <b>PDBTitle:</b> the crystal structure of the probable atp-dependent protease (heat shock protein) from corynebacterium glutamicum
82	<a href="#">c3fh2A</a>	Alignment	not modelled	12.2	15	<b>Fold:</b> Thioredoxin fold <b>Superfamily:</b> Thioredoxin-like <b>Family:</b> PDI-like
83	<a href="#">d1hyua4</a>	Alignment	not modelled	11.9	27	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> ssl0352 protein; <b>PDBTitle:</b> solution nmr structure of ssl0352 protein from synechocystis sp. pcc2 6803. northeast structural genomics consortium target sgr42
84	<a href="#">c2jz2A</a>	Alignment	not modelled	11.9	11	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> alpha-d-ribose 1-methylphosphonate 5-phosphate c-p lyase; <b>PDBTitle:</b> structure of the e. coli c-p lyase core complex
85	<a href="#">c4xb6D</a>	Alignment	not modelled	11.8	36	<b>Fold:</b> Metallo-hydrolase/oxidoreductase <b>Superfamily:</b> Metallo-hydrolase/oxidoreductase <b>Family:</b> Zn metallo-beta-lactamase
86	<a href="#">d2aioa1</a>	Alignment	not modelled	11.5	17	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> delta-1-pyrroline-5-carboxylate dehydrogenase, <b>PDBTitle:</b> crystal structure of yeast aldh4a1 complexed with nad+
87	<a href="#">c4oe4A</a>	Alignment	not modelled	11.4	27	<b>PDB header:</b> electron transport <b>Chain:</b> R: <b>PDB Molecule:</b> cytochrome c oxidase subunit 5a; <b>PDBTitle:</b> bovine heart cytochrome c oxidase re-refined with molecular oxygen
88	<a href="#">c2y69R</a>	Alignment	not modelled	11.1	14	<b>Fold:</b> alpha-alpha superhelix <b>Superfamily:</b> Cytochrome c oxidase subunit E <b>Family:</b> Cytochrome c oxidase subunit E
89	<a href="#">d1v54e</a>	Alignment	not modelled	11.0	14	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> possible 2-hydroxychromene-2-carboxylate isomerase; <b>PDBTitle:</b> crystal structure of possible 2-hydroxychromene-2-carboxylate2 isomerase from rhodobacter sphaeroides
90	<a href="#">c3fz5C</a>	Alignment	not modelled	10.9	14	<b>PDB header:</b> photosynthesis <b>Chain:</b> A: <b>PDB Molecule:</b> photosystem ii 11 kda protein; <b>PDBTitle:</b> solution structure of psb27 from cyanobacterial photosystem2 ii
91	<a href="#">c2kmfA</a>	Alignment	not modelled	10.7	35	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> zn-dependent hydrolases; <b>PDBTitle:</b> structure of a quorum-quenching lactonase (aiib) from agrobacterium2 tumefaciens
92	<a href="#">c2r2dC</a>	Alignment	not modelled	10.6	30	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> Purine and uridine phosphorylases <b>Family:</b> Purine and uridine phosphorylases
93	<a href="#">d1vhwa</a>	Alignment	not modelled	10.6	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ply protein; <b>PDBTitle:</b> the crystal structure of the listeria monocytogenes bacteriophage psa2 endolysin lyspsa
94	<a href="#">c1xovA</a>	Alignment	not modelled	10.5	14	<b>Fold:</b> Flavodoxin-like <b>Superfamily:</b> Class I glutamine amidotransferase-like <b>Family:</b> HTS-like
95	<a href="#">d2ghra1</a>	Alignment	not modelled	10.5	13	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> fructose-bisphosphate aldolase; <b>PDBTitle:</b> class ii fructose-1,6-bisphosphate aldolase from helicobacter pylori2 in complex with phosphoglycolohydroxamic acid, a competitive3 inhibitor
96	<a href="#">c3c52B</a>	Alignment	not modelled	10.4	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> purine nucleoside phosphorylase; <b>PDBTitle:</b> crystal structure of trichomonas vaginalis purine nucleoside2 phosphorylase complexed with 2-fluoro-2'-deoxyadenosine
97	<a href="#">c1z34A</a>	Alignment	not modelled	10.4	18	<b>PDB header:</b> ligase <b>Chain:</b> I: <b>PDB Molecule:</b> phenylalanyl-trna synthetase alpha chain; <b>PDBTitle:</b> crystal structure of homo sapiens cytoplasmic phenylalanyl-trna2 synthetase
98	<a href="#">c3l4gl</a>	Alignment	not modelled	10.2	30	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> purine nucleoside phosphorylase deo-type; <b>PDBTitle:</b> crystal structure of the hexameric purine nucleoside phosphorylase2 from bacillus subtilis in space group h32 at ph 7.5
99	<a href="#">c4d98A</a>	Alignment	not modelled	10.2	23	