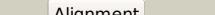
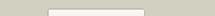
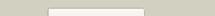


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2131c_(cysQ)_2392525_2393328
Date	Mon Aug 5 13:25:25 BST 2019
Unique Job ID	af11177346bad1cb

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c5djiA</a>			100.0	99	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 3'-phosphoadenosine 5'-phosphate phosphatase; <b>PDBTitle:</b> structure of m. tuberculosis cysq, a pap phosphatase with po4 and 2mg2 bound
2	<a href="#">c3t0jB</a>			100.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol monophosphatase family protein; <b>PDBTitle:</b> crystal structure of inositol monophosphatase - ii from staphylococcus aureus mssa476
3	<a href="#">c4j13B</a>			100.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 3'(2'),5'-bisphosphate nucleotidase, putative; <b>PDBTitle:</b> structural and functional characterization of 3'(2'),5'-bisphosphate2 nucleotidase2 from entamoeba histolytica
4	<a href="#">c5zonA</a>			100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> histidinol-phosphatase; <b>PDBTitle:</b> histidinol phosphate phosphatase from mycobacterium tuberculosis
5	<a href="#">c3rydA</a>			100.0	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol monophosphatase family protein; <b>PDBTitle:</b> crystal strucuture of ca bound impase family protein from staphylococcus aureus
6	<a href="#">c4gdgA</a>			100.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 3'(2'),5'-bisphosphate nucleotidase, putative; <b>PDBTitle:</b> structural and functional characterization of 3'(2'),5'-bisphosphate2 nucleotidase1 from entamoeba histolytica
7	<a href="#">c2p3nB</a>			100.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> thermotoga maritima impase tm1415
8	<a href="#">d1kala</a>			100.0	23	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
9	<a href="#">d1jp4a</a>			100.0	21	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
10	<a href="#">c2qflA</a>			100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> structure of suhb: inositol monophosphatase and extragenic2 suppressor from e. coli
11	<a href="#">c4n81A</a>			100.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol monophosphatase; <b>PDBTitle:</b> another flexible region at the active site of an inositol2 monophosphatase from zymomonas mobilis

12	<a href="#">c5eq9A_</a>	Alignment		100.0	20	<b>PDB header:</b> biosynthetic protein <b>Chain:</b> A: <b>PDB Molecule:</b> inositol monophosphatase; <b>PDBTitle:</b> crystal structure of medicago truncatula histidinol-phosphate2 phosphatase (mthpp) in complex with l-histidinol phosphate and mg2+
13	<a href="#">c3luzA_</a>	Alignment		100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> extragenic suppressor protein suhb; <b>PDBTitle:</b> crystal structure of extragenic suppressor protein suhb from2 bartonella henselae, via combined iodide sad molecular replacement
14	<a href="#">d1g0ha_</a>	Alignment		100.0	16	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
15	<a href="#">c3qmfA_</a>	Alignment		100.0	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol monophosphatase family protein; <b>PDBTitle:</b> crystal structure of an inositol monophosphatase family protein2 (sas2203) from staphylococcus aureus mssa476
16	<a href="#">d2hhma_</a>	Alignment		100.0	22	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
17	<a href="#">c3b8bA_</a>	Alignment		100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cysq, sulfite synthesis pathway protein; <b>PDBTitle:</b> crystal structure of cysq from bacteroides thetaiotaomicron, a2 bacterial member of the inositol monophosphatase family
18	<a href="#">c2czhB_</a>	Alignment		100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol monophosphatase 2; <b>PDBTitle:</b> crystal structure of human myo-inositol monophosphatase 22 (impa2) with phosphate ion (orthorhombic form)
19	<a href="#">c2fvzB_</a>	Alignment		100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol monophosphatase 2; <b>PDBTitle:</b> human inositol monophosphatase 2
20	<a href="#">c5esyA_</a>	Alignment		100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> sal1 phosphatase; <b>PDBTitle:</b> arabidopsis thaliana sal1
21	<a href="#">d1xi6a_</a>	Alignment	not modelled	100.0	18	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
22	<a href="#">c5zhhB_</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> structure of inositol monophosphatase from anabaena (nostoc) sp. pcc2 7120
23	<a href="#">d1vdwa_</a>	Alignment	not modelled	100.0	17	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
24	<a href="#">c2q74B_</a>	Alignment	not modelled	100.0	27	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> mycobacterium tuberculosis suhb
25	<a href="#">d1lbva_</a>	Alignment	not modelled	100.0	24	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
26	<a href="#">d1inpA_</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> inositol monophosphatase/fructose-1,6-bisphosphatase-like
27	<a href="#">c2pcrA_</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> inositol-1-monophosphatase; <b>PDBTitle:</b> crystal structure of myo-inositol-1(or 4)-monophosphatase (aq_1983)2 from aquifex aeolicus vf5
28	<a href="#">c5iz3B_</a>	Alignment	not modelled	100.0	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> predicted protein; <b>PDBTitle:</b> p. patens sedoheptulose-1,7-bisphosphatase
29	<a href="#">c3uksB_</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> sedoheptulose-1,7 bisphosphatase, putative; <b>PDBTitle:</b> 1.85 angstrom crystal structure of putative

						sedoheptulose-1,7 <sub>2</sub> bisphosphatase from toxoplasma gondii
30	<a href="#">d1d9qa</a>	Alignment	not modelled	99.8	15	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
31	<a href="#">c2fhyL</a>	Alignment	not modelled	99.4	18	<b>PDB header:</b> hydrolase <b>Chain: L: PDB Molecule:</b> fructose-1,6-bisphosphatase 1; <b>PDBTitle:</b> structure of human liver fbbase complexed with a novel benzoxazole as2 allosteric inhibitor
32	<a href="#">d1nuwa</a>	Alignment	not modelled	99.3	16	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
33	<a href="#">d1ftaa</a>	Alignment	not modelled	99.3	18	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
34	<a href="#">c2gq1A</a>	Alignment	not modelled	99.2	17	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> fructose-1,6-bisphosphatase; <b>PDBTitle:</b> crystal structure of recombinant type i fructose-1,6-bisphosphatase2 from escherichia coli complexed with sulfate ions
35	<a href="#">d1bk4a</a>	Alignment	not modelled	99.2	16	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
36	<a href="#">c5oezA</a>	Alignment	not modelled	99.1	17	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> fbp protein; <b>PDBTitle:</b> crystal structure of leishmania major fructose-1,6-bisphosphatase in2 apo form.
37	<a href="#">d1spia</a>	Alignment	not modelled	98.9	17	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> Inositol monophosphatase/fructose-1,6-bisphosphatase-like
38	<a href="#">c3rojD</a>	Alignment	not modelled	95.8	18	<b>PDB header:</b> hydrolase <b>Chain: D: PDB Molecule:</b> d-fructose 1,6-bisphosphatase class 2/sedoheptulose 1,7- <b>PDBTitle:</b> d-fructose 1,6-bisphosphatase class 2/sedoheptulose 1,7-bisphosphatase2 of synecchocystis sp. pcc 6803
39	<a href="#">c6ayyB</a>	Alignment	not modelled	94.4	19	<b>PDB header:</b> hydrolase <b>Chain: B: PDB Molecule:</b> fructose-1,6-bisphosphatase class 2; <b>PDBTitle:</b> crystal structure of apo fructose-1,6-bisphosphatase from2 mycobacterium tuberculosis
40	<a href="#">d1ni9a</a>	Alignment	not modelled	85.6	19	<b>Fold:</b> Carbohydrate phosphatase <b>Superfamily:</b> Carbohydrate phosphatase <b>Family:</b> GlpX-like bacterial fructose-1,6-bisphosphatase
41	<a href="#">d1o12a1</a>	Alignment	not modelled	47.0	55	<b>Fold:</b> Composite domain of metallo-dependent hydrolases <b>Superfamily:</b> Composite domain of metallo-dependent hydrolases <b>Family:</b> N-acetylglucosamine-6-phosphate deacetylase, NagA
42	<a href="#">c3hjeA</a>	Alignment	not modelled	32.1	31	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> 704aa long hypothetical glycosyltransferase; <b>PDBTitle:</b> crystal structure of sulfolobus tokodaii hypothetical maltooligosyl2 trehalose synthase
43	<a href="#">d1r89a1</a>	Alignment	not modelled	23.1	27	<b>Fold:</b> PAP/OAS1 substrate-binding domain <b>Superfamily:</b> PAP/OAS1 substrate-binding domain <b>Family:</b> Archaeal tRNA CCA-adding enzyme substrate-binding domain
44	<a href="#">c3b0vD</a>	Alignment	not modelled	22.4	22	<b>PDB header:</b> oxidoreductase/rna <b>Chain: D: PDB Molecule:</b> tRNA-dihydrouridine synthase; <b>PDBTitle:</b> tRNA-dihydrouridine synthase from thermus thermophilus in complex with2 tRNA
45	<a href="#">d2dsqg1</a>	Alignment	not modelled	20.5	19	<b>Fold:</b> Thyroglobulin type-1 domain <b>Superfamily:</b> Thyroglobulin type-1 domain <b>Family:</b> Thyroglobulin type-1 domain
46	<a href="#">d1mdah</a>	Alignment	not modelled	20.3	9	<b>Fold:</b> 7-bladed beta-propeller <b>Superfamily:</b> YVTN repeat-like/Quinoprotein amine dehydrogenase <b>Family:</b> Methylamine dehydrogenase, H-chain
47	<a href="#">c3fhkF</a>	Alignment	not modelled	19.4	26	<b>PDB header:</b> structural genomics, unknown function <b>Chain: F: PDB Molecule:</b> upf0403 protein yppb; <b>PDBTitle:</b> crystal structure of apc1446, b.subtilis yppb disulfide isomerase
48	<a href="#">c1ikqA</a>	Alignment	not modelled	17.5	40	<b>PDB header:</b> transferase <b>Chain: A: PDB Molecule:</b> exotoxin a; <b>PDBTitle:</b> pseudomonas aeruginosa exotoxin a, wild type
49	<a href="#">d1icfi</a>	Alignment	not modelled	16.4	25	<b>Fold:</b> Thyroglobulin type-1 domain <b>Superfamily:</b> Thyroglobulin type-1 domain <b>Family:</b> Thyroglobulin type-1 domain
50	<a href="#">c6ei9A</a>	Alignment	not modelled	15.7	16	<b>PDB header:</b> flavoprotein <b>Chain: A: PDB Molecule:</b> tRNA-dihydrouridine synthase b; <b>PDBTitle:</b> crystal structure of e. coli tRNA-dihydrouridine synthase b (dusb)
51	<a href="#">d1m1la</a>	Alignment	not modelled	14.8	15	<b>Fold:</b> Suppressor of Fused, N-terminal domain <b>Superfamily:</b> Suppressor of Fused, N-terminal domain <b>Family:</b> Suppressor of Fused, N-terminal domain
52	<a href="#">c2h7tA</a>	Alignment	not modelled	13.0	21	<b>PDB header:</b> protein binding <b>Chain: A: PDB Molecule:</b> insulin-like growth factor-binding protein 2; <b>PDBTitle:</b> solution structure of the c-terminal domain of insulin-like2 growth factor binding protein 2 (igfbp-2)
53	<a href="#">c2pncB</a>	Alignment	not modelled	12.9	15	<b>PDB header:</b> oxidoreductase <b>Chain: B: PDB Molecule:</b> copper amine oxidase, liver isozyme; <b>PDBTitle:</b> crystal structure of bovine plasma copper-containing amine oxidase in2 complex with clonidine
54	<a href="#">d1rmja</a>	Alignment	not modelled	12.2	25	<b>Fold:</b> Thyroglobulin type-1 domain <b>Superfamily:</b> Thyroglobulin type-1 domain <b>Family:</b> Thyroglobulin type-1 domain
55	<a href="#">d2dsrg1</a>	Alignment	not modelled	11.9	21	<b>Fold:</b> Thyroglobulin type-1 domain <b>Superfamily:</b> Thyroglobulin type-1 domain <b>Family:</b> Thyroglobulin type-1 domain

56	<a href="#">c4qpwA</a>		Alignment	not modelled	11.1	33	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycosyl hydrolase family 10; <b>PDBTitle:</b> bixin10a cbm1 with xylohexaose bound
57	<a href="#">c6bmcA</a>		Alignment	not modelled	10.9	31	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phospho-2-dehydro-3-deoxyheptonate aldolase; <b>PDBTitle:</b> the structure of a dimeric type ii dah7ps associated with pyocyanin2 biosynthesis in pseudomonas aeruginosa
58	<a href="#">d1kfia4</a>		Alignment	not modelled	10.7	38	<b>Fold:</b> TBP-like <b>Superfamily:</b> Phosphoglucomutase, C-terminal domain <b>Family:</b> Phosphoglucomutase, C-terminal domain
59	<a href="#">d2j9ga2</a>		Alignment	not modelled	10.1	21	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
60	<a href="#">c5hudA</a>		Alignment	not modelled	9.8	31	<b>PDB header:</b> transferase/isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 3-deoxy-d-arabino-heptulosonate 7-phosphate (dahp) <b>PDBTitle:</b> non-covalent complex of and dahp synthase and chorismate mutase from2 corynebacterium glutamicum with bound transition state analog
61	<a href="#">c4m4xA</a>		Alignment	not modelled	9.1	12	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> aryl hydrocarbon receptor; <b>PDBTitle:</b> structure and dimerization properties of the aryl hydrocarbon receptor2 (ahr) pas-a domain
62	<a href="#">c5uxmA</a>		Alignment	not modelled	9.0	31	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phospho-2-dehydro-3-deoxyheptonate aldolase; <b>PDBTitle:</b> type ii dah7ps from pseudomonas aeruginosa with trp bound
63	<a href="#">c5d28A</a>		Alignment	not modelled	8.6	12	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> gm-csf/il-2 inhibition factor; <b>PDBTitle:</b> complex of gm-csf/il-2 inhibition factor with granulocyte-macrophage2 colony-stimulating factor
64	<a href="#">c5zcrB</a>		Alignment	not modelled	8.6	22	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> maltooligosyl trehalose synthase; <b>PDBTitle:</b> dsm5389 glycosyltrehalose synthase
65	<a href="#">d3pmga4</a>		Alignment	not modelled	8.2	19	<b>Fold:</b> TBP-like <b>Superfamily:</b> Phosphoglucomutase, C-terminal domain <b>Family:</b> Phosphoglucomutase, C-terminal domain
66	<a href="#">c5tw1E</a>		Alignment	not modelled	7.7	11	<b>PDB header:</b> transcription activator/transferase/dna <b>Chain:</b> E: <b>PDB Molecule:</b> dna-directed rna polymerase subunit omega; <b>PDBTitle:</b> crystal structure of a mycobacterium smegmatis transcription2 initiation complex with rbpA
67	<a href="#">d1wdjb</a>		Alignment	not modelled	7.2	17	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Hypothetical protein TT1808 (TTHA1514)
68	<a href="#">c4nl8E</a>		Alignment	not modelled	7.1	50	<b>PDB header:</b> dna binding protein <b>Chain:</b> E: <b>PDB Molecule:</b> primosome assembly protein pria; <b>PDBTitle:</b> pria helicase bound to ssb c-terminal tail peptide
69	<a href="#">d1g3pa2</a>		Alignment	not modelled	7.1	86	<b>Fold:</b> N-terminal domains of the minor coat protein g3p <b>Superfamily:</b> N-terminal domains of the minor coat protein g3p <b>Family:</b> N-terminal domains of the minor coat protein g3p
70	<a href="#">c5hr4J</a>		Alignment	not modelled	6.9	18	<b>PDB header:</b> hydrolase/dna <b>Chain:</b> J: <b>PDB Molecule:</b> mmei; <b>PDBTitle:</b> structure of type iii restriction-modification enzyme mmei in complex2 with dna has implications for engineering of new specificities
71	<a href="#">d1p7ga2</a>		Alignment	not modelled	6.9	10	<b>Fold:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain <b>Superfamily:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain <b>Family:</b> Fe,Mn superoxide dismutase (SOD), C-terminal domain
72	<a href="#">d1x4ka1</a>		Alignment	not modelled	6.8	27	<b>Fold:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Superfamily:</b> Glucocorticoid receptor-like (DNA-binding domain) <b>Family:</b> LIM domain
73	<a href="#">d2b7oa1</a>		Alignment	not modelled	6.8	24	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class-II DAHP synthetase
74	<a href="#">c2g29A</a>		Alignment	not modelled	6.7	15	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> nitrate transport protein nrtA; <b>PDBTitle:</b> crystal structure of the periplasmic nitrate-binding2 protein nrtA from synechocystis pcc 6803
75	<a href="#">c4aejA</a>		Alignment	not modelled	6.5	50	<b>PDB header:</b> structural protein <b>Chain:</b> A: <b>PDB Molecule:</b> collagen alpha-1(iii) chain; <b>PDBTitle:</b> crystal structure of human fibrillar procollagen type iii c-2 propeptide trimer
76	<a href="#">c1gn4B</a>		Alignment	not modelled	6.5	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> superoxide dismutase; <b>PDBTitle:</b> h145e mutant of mycobacterium tuberculosis iron-superoxide dismutase.
77	<a href="#">d1w96a2</a>		Alignment	not modelled	6.2	19	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
78	<a href="#">d1chua2</a>		Alignment	not modelled	6.2	11	<b>Fold:</b> FAD/NAD(P)-binding domain <b>Superfamily:</b> FAD/NAD(P)-binding domain <b>Family:</b> Succinate dehydrogenase/fumarate reductase flavoprotein N-terminal domain
79	<a href="#">d1lgta1</a>		Alignment	not modelled	6.2	23	<b>Fold:</b> Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase <b>Superfamily:</b> Glyoxalase/Bleomycin resistance protein/Dihydroxybiphenyl dioxygenase <b>Family:</b> Extradiol dioxygenases
80	<a href="#">d1wdja</a>		Alignment	not modelled	6.2	25	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> Hypothetical protein TT1808 (TTHA1514)

81	<a href="#">d1ps9a1</a>		not modelled	6.1	24	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> FMN-linked oxidoreductases <b>Family:</b> FMN-linked oxidoreductases
82	<a href="#">d1w7ca1</a>		not modelled	5.8	23	<b>Fold:</b> Supersandwich <b>Superfamily:</b> Amine oxidase catalytic domain <b>Family:</b> Amine oxidase catalytic domain
83	<a href="#">d1ulza2</a>		not modelled	5.7	24	<b>Fold:</b> PreATP-grasp domain <b>Superfamily:</b> PreATP-grasp domain <b>Family:</b> BC N-terminal domain-like
84	<a href="#">c4f2nL_</a>		not modelled	5.6	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> L: <b>PDB Molecule:</b> superoxide dismutase; <b>PDBTitle:</b> crystal structure of iron superoxide dismutase from leishmania major
85	<a href="#">c3ot2B_</a>		not modelled	5.6	42	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a putative nuclease belonging to duf8202 (ava_3926) from anabaena variabilis atcc 29413 at 1.96 a resolution
86	<a href="#">c3ot2A_</a>		not modelled	5.6	42	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> crystal structure of a putative nuclease belonging to duf8202 (ava_3926) from anabaena variabilis atcc 29413 at 1.96 a resolution
87	<a href="#">c1svfB_</a>		not modelled	5.4	45	<b>PDB header:</b> viral protein <b>Chain:</b> B: <b>PDB Molecule:</b> protein (fusion glycoprotein); <b>PDBTitle:</b> paramyxovirus sv5 fusion protein core
88	<a href="#">c3dgsA_</a>		not modelled	5.4	60	<b>PDB header:</b> viral protein <b>Chain:</b> A: <b>PDB Molecule:</b> coat protein a; <b>PDBTitle:</b> changing the determinants of protein stability from covalent to non-2 covalent interactions by in-vitro evolution: a structural and3 energetic analysis
89	<a href="#">c4a3uB_</a>		not modelled	5.3	13	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> nadh;flavin oxidoreductase/nadh oxidase; <b>PDBTitle:</b> x-structure of the old yellow enzyme homologue from zymomonas mobilis2 (ncr)
90	<a href="#">c5k31E_</a>		not modelled	5.3	47	<b>PDB header:</b> structural protein <b>Chain:</b> E: <b>PDB Molecule:</b> collagen alpha-1(i) chain; <b>PDBTitle:</b> crystal structure of human fibrillar procollagen type i c-propeptide2 homo-trimer
91	<a href="#">d1oyaa_</a>		not modelled	5.3	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> FMN-linked oxidoreductases <b>Family:</b> FMN-linked oxidoreductases
92	<a href="#">c3knyA_</a>		not modelled	5.3	21	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein bt_3535; <b>PDBTitle:</b> crystal structure of a two domain protein with unknown function2 (bt_3535) from bacteroides thetaiotaomicron vpi-5482 at 2.60 a3 resolution
93	<a href="#">c1sz1A_</a>		not modelled	5.2	27	<b>PDB header:</b> transferase/rna <b>Chain:</b> A: <b>PDB Molecule:</b> tRNA nucleotidyltransferase; <b>PDBTitle:</b> mechanism of cca-adding enzymes specificity revealed by crystal2 structures of ternary complexes
94	<a href="#">d1iv8a2</a>		not modelled	5.2	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Amylase, catalytic domain
95	<a href="#">c3kruC_</a>		not modelled	5.2	11	<b>PDB header:</b> oxidoreductase <b>Chain:</b> C: <b>PDB Molecule:</b> nadh:flavin oxidoreductase/nadh oxidase; <b>PDBTitle:</b> crystal structure of the thermostable old yellow enzyme from2 thermoanaerobacter pseudethanolicus e39