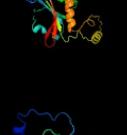
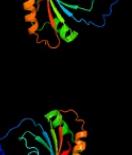


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD1284 (-) _1437330_1437821
Date	Wed Jul 31 22:05:37 BST 2019
Unique Job ID	3ba0cd8daa5885c2

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1ylkA_</a>			100.0	100	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein rv1284/mt1322; <b>PDBTitle:</b> crystal structure of rv1284 from mycobacterium tuberculosis in complex2 with thiocyanate
2	<a href="#">c3lasA_</a>			100.0	39	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> putative carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase from streptococcus mutans to2 1.4 angstrom resolution
3	<a href="#">c3vrkA_</a>			100.0	51	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonyl sulfide hydrolase; <b>PDBTitle:</b> crystal structure of thiobacillus thioparus thi115 carbonyl sulfide2 hydrolase / thiocyanate complex
4	<a href="#">c5ztpB_</a>			100.0	42	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> carbonic anhydrase from glaciozyma antarctica
5	<a href="#">c3tenD_</a>			100.0	34	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> cs2 hydrolase; <b>PDBTitle:</b> holo form of carbon disulfide hydrolase
6	<a href="#">d1ddza1</a>			100.0	22	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
7	<a href="#">d1g5ca_</a>			100.0	33	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
8	<a href="#">c5cxkG_</a>			100.0	21	<b>PDB header:</b> lyase <b>Chain:</b> G: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of beta carbonic anhydrase from vibrio cholerae
9	<a href="#">c2a8cE_</a>			100.0	21	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> haemophilus influenzae beta-carbonic anhydrase
10	<a href="#">c2w3nA_</a>			100.0	19	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase 2; <b>PDBTitle:</b> structure and inhibition of the co2-sensing carbonic anhydrase can22 from the pathogenic fungus cryptococcus neoformans
11	<a href="#">d1ekja_</a>			100.0	22	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab

12	<a href="#">c4o1jB</a>	Alignment		100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structures of two tetrameric beta-carbonic anhydrases from the2 filamentous ascomycete sordaria macrospora.
13	<a href="#">c3ucoB</a>	Alignment		100.0	20	<b>PDB header:</b> lyase/lyase inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> cocomyxa beta-carbonic anhydrase in complex with iodide
14	<a href="#">d1ddza2</a>	Alignment		100.0	20	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
15	<a href="#">c2a5vB</a>	Alignment		100.0	18	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase (carbonate dehydratase) (carbonic <b>PDBTitle:</b> crystal structure of m. tuberculosis beta carbonic anhydrase, rv3588c,2 tetrameric form
16	<a href="#">d1i6pa</a>	Alignment		100.0	18	<b>Fold:</b> Resolvase-like <b>Superfamily:</b> beta-carbonic anhydrase, cab <b>Family:</b> beta-carbonic anhydrase, cab
17	<a href="#">c5swcE</a>	Alignment		100.0	17	<b>PDB header:</b> lyase <b>Chain:</b> E: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> the structure of the beta-carbonic anhydrase ccaa
18	<a href="#">c3eyxB</a>	Alignment		100.0	26	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of carbonic anhydrase nce103 from2 saccharomyces cerevisiae
19	<a href="#">c4o1KA</a>	Alignment		100.0	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structures of two tetrameric beta-carbonic anhydrases from the2 filamentous ascomycete sordaria macrospora.
20	<a href="#">c4rxyA</a>	Alignment		100.0	21	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> crystal structure of the beta carbonic anhydrase psca3 isolated from2 pseudomonas aeruginosa
21	<a href="#">c1ddzA</a>	Alignment	not modelled	100.0	22	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> x-ray structure of a beta-carbonic anhydrase from the red2 alga, porphyridium purpureum r-1
22	<a href="#">c6gwuB</a>	Alignment	not modelled	100.0	26	<b>PDB header:</b> lyase <b>Chain:</b> B: <b>PDB Molecule:</b> carbonic anhydrase; <b>PDBTitle:</b> carbonic anhydrase cance103p from candida albicans
23	<a href="#">c3hu5B</a>	Alignment	not modelled	38.4	12	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> isochorismatase family protein; <b>PDBTitle:</b> crystal structure of isochorismatase family protein from desulfovibrio2 vulgaris subsp. vulgaris str. hildenborough
24	<a href="#">d1z01a1</a>	Alignment	not modelled	37.1	53	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
25	<a href="#">c3d89A</a>	Alignment	not modelled	32.8	25	<b>PDB header:</b> electron transport <b>Chain:</b> A: <b>PDB Molecule:</b> rieske domain-containing protein; <b>PDBTitle:</b> crystal structure of a soluble rieske ferredoxin from mus musculus
26	<a href="#">d2de6a1</a>	Alignment	not modelled	32.4	13	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
27	<a href="#">d1fqta</a>	Alignment	not modelled	32.0	38	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
28	<a href="#">c3o93A</a>	Alignment	not modelled	31.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> nicotinamidase; <b>PDBTitle:</b> high resolution crystal structures of streptococcus pneumoniae2 nicotinamidase with trapped intermediates provide insights into3 catalytic mechanism and inhibition by aldehydes
29	<a href="#">c3de7F</a>	Alignment	not modelled	31.2	38	<b>PDB header:</b> oxidoreductase <b>Chain:</b> E: <b>PDB Molecule:</b> ferredoxin component of carbazole;

29	<a href="#">c2ue7L</a>	Alignment	not modelled	31.2	58	<b>PDBTitle:</b> the substrate-bound complex between oxygenase and2 ferredoxin in carbazole 1,9a-dioxygenase <b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> putative hydrolase; <b>PDBTitle:</b> crystal structure of an a putative hydrolase of the isochorismatase2 family (cv_1320) from chromobacterium violaceum atcc 12472 at 1.06 a3 resolution
30	<a href="#">c3mcwA</a>	Alignment	not modelled	30.8	13	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> putative hydrolase; <b>PDBTitle:</b> crystal structure of an a putative hydrolase of the isochorismatase2 family (cv_1320) from chromobacterium violaceum atcc 12472 at 1.06 a3 resolution
31	<a href="#">c3tb4A</a>	Alignment	not modelled	29.4	18	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> vibriobactin-specific isochorismatase; <b>PDBTitle:</b> crystal structure of the isc domain of vibb
32	<a href="#">d1x9gA</a>	Alignment	not modelled	28.8	11	<b>Fold:</b> Isochorismatase-like hydrolases <b>Superfamily:</b> Isochorismatase-like hydrolases <b>Family:</b> Isochorismatase-like hydrolases
33	<a href="#">c2hwkA</a>	Alignment	not modelled	28.0	26	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> helicase nsp2; <b>PDBTitle:</b> crystal structure of venezuelan equine encephalitis alphavirus nsp22 protease domain
34	<a href="#">c1z01D</a>	Alignment	not modelled	27.9	53	<b>PDB header:</b> oxidoreductase <b>Chain: D: PDB Molecule:</b> 2-oxo-1,2-dihydroquinoline 8-monooxygenase, oxygenase <b>PDBTitle:</b> 2-oxoquinoline 8-monooxygenase component: active site modulation by2 rieske-[2fe-2s] center oxidation/reduction
35	<a href="#">c3gceA</a>	Alignment	not modelled	27.1	38	<b>PDB header:</b> oxidoreductase <b>Chain: A: PDB Molecule:</b> ferredoxin component of carbazole 1,9a- <b>PDBTitle:</b> ferredoxin of carbazole 1,9a-dioxygenase from nocardiooides2 aromaticivorans ic177
36	<a href="#">d2jo6a1</a>	Alignment	not modelled	27.0	17	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
37	<a href="#">d1nbaa</a>	Alignment	not modelled	26.4	11	<b>Fold:</b> Isochorismatase-like hydrolases <b>Superfamily:</b> Isochorismatase-like hydrolases <b>Family:</b> Isochorismatase-like hydrolases
38	<a href="#">c3ot4F</a>	Alignment	not modelled	26.2	18	<b>PDB header:</b> hydrolase <b>Chain: F: PDB Molecule:</b> putative isochorismatase; <b>PDBTitle:</b> structure and catalytic mechanism of bordetella bronchiseptica nicf
39	<a href="#">c2fq1A</a>	Alignment	not modelled	25.9	16	<b>PDB header:</b> hydrolase <b>Chain: A: PDB Molecule:</b> isochorismatase; <b>PDBTitle:</b> crystal structure of the two-domain non-ribosomal peptide synthetase2 entb containing isochorismate lyase and aryl-carrier protein domains
40	<a href="#">c3vr1B</a>	Alignment	not modelled	24.8	24	<b>PDB header:</b> translation <b>Chain: B: PDB Molecule:</b> peptide chain release factor 3; <b>PDBTitle:</b> crystal structure analysis of the translation factor rf3
41	<a href="#">c2de7B</a>	Alignment	not modelled	24.5	13	<b>PDB header:</b> oxidoreductase <b>Chain: B: PDB Molecule:</b> terminal oxygenase component of carbazole; <b>PDBTitle:</b> the substrate-bound complex between oxygenase and2 ferredoxin in carbazole 1,9a-dioxygenase
42	<a href="#">d1j2ra</a>	Alignment	not modelled	24.4	18	<b>Fold:</b> Isochorismatase-like hydrolases <b>Superfamily:</b> Isochorismatase-like hydrolases <b>Family:</b> Isochorismatase-like hydrolases
43	<a href="#">c3i8sC</a>	Alignment	not modelled	24.1	27	<b>PDB header:</b> transport protein <b>Chain: C: PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> structure of the cytosolic domain of e. coli feob, nucleotide-free2 form
44	<a href="#">c3gkqB</a>	Alignment	not modelled	23.0	27	<b>PDB header:</b> oxidoreductase <b>Chain: B: PDB Molecule:</b> terminal oxygenase component of carbazole 1,9a-dioxygenase; <b>PDBTitle:</b> terminal oxygenase of carbazole 1,9a-dioxygenase from novosphingobium2 sp. ka1
45	<a href="#">c5cwsF</a>	Alignment	not modelled	23.0	36	<b>PDB header:</b> protein transport <b>Chain: F: PDB Molecule:</b> nucleoporin nic96; <b>PDBTitle:</b> crystal structure of the intact chaetomium thermophilum nsp1-nup49-2 nup57 channel nucleoporin heterotrimer bound to its nic96 nuclear3 pore complex attachment site
46	<a href="#">c5cwsL</a>	Alignment	not modelled	23.0	36	<b>PDB header:</b> protein transport <b>Chain: L: PDB Molecule:</b> nucleoporin nic96; <b>PDBTitle:</b> crystal structure of the intact chaetomium thermophilum nsp1-nup49-2 nup57 channel nucleoporin heterotrimer bound to its nic96 nuclear3 pore complex attachment site
47	<a href="#">c5ghrA</a>	Alignment	not modelled	22.9	18	<b>PDB header:</b> dna binding protein/replication <b>Chain: A: PDB Molecule:</b> ssdna-specific exonuclease; <b>PDBTitle:</b> dna replication protein
48	<a href="#">d1nrjb</a>	Alignment	not modelled	22.3	25	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
49	<a href="#">c2qpzA</a>	Alignment	not modelled	21.0	46	<b>PDB header:</b> metal binding protein <b>Chain: A: PDB Molecule:</b> naphthalene 1,2-dioxygenase system ferredoxin <b>PDBTitle:</b> naphthalene 1,2-dioxygenase rieske ferredoxin
50	<a href="#">c2i7fB</a>	Alignment	not modelled	20.9	55	<b>PDB header:</b> oxidoreductase <b>Chain: B: PDB Molecule:</b> ferredoxin component of dioxygenase; <b>PDBTitle:</b> sphingomonas yanoikuyaе b1 ferredoxin
51	<a href="#">d3c0da1</a>	Alignment	not modelled	20.4	18	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
52	<a href="#">c3w5iB</a>	Alignment	not modelled	19.7	33	<b>PDB header:</b> metal transport <b>Chain: B: PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> crystal structure of nfeob from gallionella capsiferriformans
53	<a href="#">d1nOua2</a>	Alignment	not modelled	19.5	29	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
						<b>Fold:</b> ISP domain

54	<a href="#">d2jzaa1</a>	Alignment	not modelled	19.5	18	<b>Superfamily:</b> ISP domain <b>Family:</b> NirD-like
55	<a href="#">c5ghrC</a>	Alignment	not modelled	19.4	18	<b>PDB header:</b> dna binding protein/replication <b>Chain:</b> C: <b>PDB Molecule:</b> ssDNA-specific exonuclease; <b>PDBTitle:</b> dna replication protein
56	<a href="#">c3j25A</a>	Alignment	not modelled	19.3	28	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> tetracycline resistance protein tetM; <b>PDBTitle:</b> structural basis for tetM-mediated tetracycline resistance
57	<a href="#">d1vm9a</a>	Alignment	not modelled	19.2	27	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Rieske iron-sulfur protein (ISP)
58	<a href="#">c3degC</a>	Alignment	not modelled	19.0	29	<b>PDB header:</b> ribosome <b>Chain:</b> C: <b>PDB Molecule:</b> gtp-binding protein lepa; <b>PDBTitle:</b> complex of elongating escherichia coli 70S ribosome and ef4(lepa)-2 gmppnp
59	<a href="#">c4aivA</a>	Alignment	not modelled	18.7	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> probable nitrite reductase [nad(p)h] small subunit nird; <b>PDBTitle:</b> crystal structure of putative nadh-dependent nitrite reductase small2 subunit from mycobacterium tuberculosis
60	<a href="#">c3oqpA</a>	Alignment	not modelled	18.6	10	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative isochorismatase; <b>PDBTitle:</b> crystal structure of a putative isochorismatase (bxe_a0706) from2 burkholderia xenovorans lb400 at 1.22 a resolution
61	<a href="#">c3oqpB</a>	Alignment	not modelled	18.5	10	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative isochorismatase; <b>PDBTitle:</b> crystal structure of a putative isochorismatase (bxe_a0706) from2 burkholderia xenovorans lb400 at 1.22 a resolution
62	<a href="#">d2fh5b1</a>	Alignment	not modelled	18.4	25	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
63	<a href="#">c5zn8B</a>	Alignment	not modelled	18.4	13	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> isochorismatase; <b>PDBTitle:</b> crystal structure of nicotinamidase pnca from bacillus subtilis
64	<a href="#">c3irvA</a>	Alignment	not modelled	17.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cysteine hydrolase; <b>PDBTitle:</b> crystal structure of cysteine hydrolase pspph_2384 from pseudomonas2 syringae pv. phaseolicola 1448a
65	<a href="#">d1a3xa3</a>	Alignment	not modelled	17.8	14	<b>Fold:</b> Pyruvate kinase C-terminal domain-like <b>Superfamily:</b> PK C-terminal domain-like <b>Family:</b> Pyruvate kinase, C-terminal domain
66	<a href="#">c2qu8A</a>	Alignment	not modelled	17.8	29	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative nucleolar gtp-binding protein 1; <b>PDBTitle:</b> crystal structure of putative nucleolar gtp-binding protein 1 pf0625w2 from plasmodium falciparum
67	<a href="#">c3ibyA</a>	Alignment	not modelled	17.6	25	<b>PDB header:</b> transport protein <b>Chain:</b> A: <b>PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> structure of cytosolic domain of l. pneumophila feob
68	<a href="#">c2r2cA</a>	Alignment	not modelled	17.5	31	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> 28 kda outer membrane protein omp28; <b>PDBTitle:</b> crystal structure of a domain of the outer membrane lipoprotein omp282 from porphyromonas gingivalis
69	<a href="#">d1rkba</a>	Alignment	not modelled	17.2	20	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> Nucleotide and nucleoside kinases
70	<a href="#">c3hb7G</a>	Alignment	not modelled	16.8	16	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> isochorismatase hydrolase; <b>PDBTitle:</b> the crystal structure of an isochorismatase-like hydrolase from2 alkaliphilus metallireducens to 2.3a
71	<a href="#">d1zo0a1</a>	Alignment	not modelled	16.7	14	<b>Fold:</b> Acyl-CoA N-acyltransferases (Nat) <b>Superfamily:</b> Acyl-CoA N-acyltransferases (Nat) <b>Family:</b> Ornithine decarboxylase antizyme-like
72	<a href="#">c1d2eA</a>	Alignment	not modelled	16.7	27	<b>PDB header:</b> RNA binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor tu (ef-tu); <b>PDBTitle:</b> crystal structure of mitochondrial ef-tu in complex with gdp
73	<a href="#">c3zjcC</a>	Alignment	not modelled	16.3	40	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> gtpase imap family member 7; <b>PDBTitle:</b> crystal structure of gmppnp-bound human gimap7 I100q variant
74	<a href="#">c3k53B</a>	Alignment	not modelled	15.8	15	<b>PDB header:</b> metal transport <b>Chain:</b> B: <b>PDB Molecule:</b> ferrous iron transport protein b; <b>PDBTitle:</b> crystal structure of nfeob from p. furiosus
75	<a href="#">c6cl4A</a>	Alignment	not modelled	15.6	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lipase c12; <b>PDBTitle:</b> lipc12 - lipase from metagenomics
76	<a href="#">c2h5eB</a>	Alignment	not modelled	15.6	26	<b>PDB header:</b> translation <b>Chain:</b> B: <b>PDB Molecule:</b> peptide chain release factor rf-3; <b>PDBTitle:</b> crystal structure of e.coli polypeptide release factor rf3
77	<a href="#">c4zciA</a>	Alignment	not modelled	15.6	28	<b>PDB header:</b> gtp-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> gtp-binding protein typA/bipA; <b>PDBTitle:</b> crystal structure of escherichia coli gtpase bipA/typA
78	<a href="#">c2qagC</a>	Alignment	not modelled	15.6	9	<b>PDB header:</b> cell cycle, structural protein <b>Chain:</b> C: <b>PDB Molecule:</b> septin-7; <b>PDBTitle:</b> crystal structure of human septin trimer 2/6/7
79	<a href="#">d1r5ba3</a>	Alignment	not modelled	15.3	36	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
						<b>PDB header:</b> hydrolase

80	<a href="#">c5jkjA</a>	Alignment	not modelled	15.2	13	<b>Chain:</b> A: <b>PDB Molecule:</b> esterase e22; <b>PDBTitle:</b> crystal structure of esterase e22 I374d mutant
81	<a href="#">d1s0ua3</a>	Alignment	not modelled	15.1	36	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
82	<a href="#">c4proD</a>	Alignment	not modelled	14.8	6	<b>PDB header:</b> serine protease <b>Chain:</b> D: <b>PDB Molecule:</b> alpha-lytic protease; <b>PDBTitle:</b> alpha-lytic protease complexed with pro region
83	<a href="#">c1mj1A</a>	Alignment	not modelled	14.8	27	<b>PDB header:</b> ribosome <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor tu; <b>PDBTitle:</b> fitting the ternary complex of ef-tu/trna/gtp and ribosomal proteins2 into a 13 a cryo-em map of the coli 70s ribosome
84	<a href="#">c4hi2B</a>	Alignment	not modelled	14.6	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> acylphosphatase; <b>PDBTitle:</b> crystal structure of an acylphosphatase protein cage
85	<a href="#">c4b62A</a>	Alignment	not modelled	14.6	18	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> tssl1; <b>PDBTitle:</b> the structure of the cell wall anchor of the t6ss from pseudomonas2 aeruginosa
86	<a href="#">c2bvnB</a>	Alignment	not modelled	14.6	27	<b>PDB header:</b> elongation factor <b>Chain:</b> B: <b>PDB Molecule:</b> elongation factor tu; <b>PDBTitle:</b> e. coli ef-tu:gdpn in complex with the antibiotic enacyloxin iia
87	<a href="#">c6azoC</a>	Alignment	not modelled	14.4	21	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> putative amidase; <b>PDBTitle:</b> structural and biochemical characterization of a non-canonical biuret2 hydrolase (biuh) from the cyanuric acid catabolism pathway of rhizobium leguminosorum bv. viciae 3841
88	<a href="#">c3t5dC</a>	Alignment	not modelled	14.3	9	<b>PDB header:</b> signaling protein <b>Chain:</b> C: <b>PDB Molecule:</b> septin-7; <b>PDBTitle:</b> crystal structure of septin 7 in complex with gdp
89	<a href="#">d1efca3</a>	Alignment	not modelled	14.0	27	<b>Fold:</b> P-loop containing nucleoside triphosphate hydrolases <b>Superfamily:</b> P-loop containing nucleoside triphosphate hydrolases <b>Family:</b> G proteins
90	<a href="#">d2bmoa1</a>	Alignment	not modelled	14.0	29	<b>Fold:</b> ISP domain <b>Superfamily:</b> ISP domain <b>Family:</b> Ring hydroxylating alpha subunit ISP domain
91	<a href="#">d2ih2a2</a>	Alignment	not modelled	13.9	17	<b>Fold:</b> DNA methylase specificity domain <b>Superfamily:</b> DNA methylase specificity domain <b>Family:</b> TaqI C-terminal domain-like
92	<a href="#">c5gleA</a>	Alignment	not modelled	13.8	9	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> ischorismate lyase; <b>PDBTitle:</b> the structure of vibrio anguillarum775 angb-icl
93	<a href="#">c4ayyH</a>	Alignment	not modelled	13.7	33	<b>PDB header:</b> oxidoreductase <b>Chain:</b> H: <b>PDB Molecule:</b> arob; <b>PDBTitle:</b> crystal structure of the arsenite oxidase protein complex2 from rhizobium species strain nt-26
94	<a href="#">d1e8ca1</a>	Alignment	not modelled	13.6	29	<b>Fold:</b> MurF and HprK N-domain-like <b>Superfamily:</b> MurE/MurF N-terminal domain <b>Family:</b> MurE/MurF N-terminal domain
95	<a href="#">c5f56A</a>	Alignment	not modelled	13.6	18	<b>PDB header:</b> dna binding protein/dna <b>Chain:</b> A: <b>PDB Molecule:</b> single-stranded-dna-specific exonuclease; <b>PDBTitle:</b> structure of recj complexed with dna and ssb-ct
96	<a href="#">c3p27A</a>	Alignment	not modelled	13.6	36	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> elongation factor 1 alpha-like protein; <b>PDBTitle:</b> crystal structure of s. cerevisiae hbs1 protein (gdp-bound form), a2 translational gtpase involved in rna quality control pathways and3 interacting with dom34/pelota
97	<a href="#">c2zxrA</a>	Alignment	not modelled	13.2	29	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> single-stranded dna specific exonuclease recj; <b>PDBTitle:</b> crystal structure of recj in complex with mg2+ from thermus2 thermophilus hb8
98	<a href="#">d2gp4a1</a>	Alignment	not modelled	13.2	14	<b>Fold:</b> The "swivelling" beta/beta/alpha domain <b>Superfamily:</b> LeuD/IlvD-like <b>Family:</b> IvD/EDD C-terminal domain-like
99	<a href="#">d1apsa</a>	Alignment	not modelled	13.1	18	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Acylphosphatase/BLUF domain-like <b>Family:</b> Acylphosphatase-like