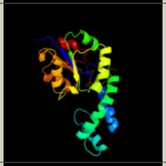
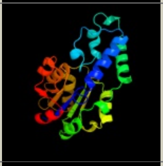
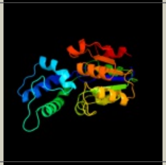
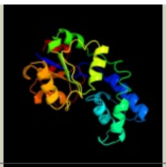
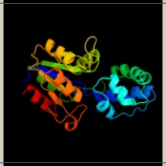
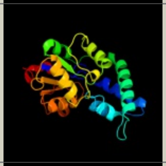
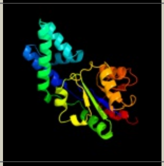
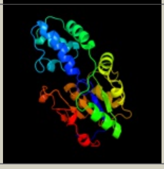
Phyre^2

Email	l.a.kelley@imperial.ac.uk
Description	P31467
Date	Thu Jan 5 11:47:55 GMT 2012
Unique Job ID	b5728bf386bbf643

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2fdra1	Alignment		100.0	28	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
2	c3dv9A_	Alignment		100.0	18	**PDB header:**isomerase **Chain:** A: **PDB Molecule:**beta-phosphoglucomutase; **PDBTitle:** putative beta-phosphoglucomutase from bacteroides vulgatus.
3	c3iruA_	Alignment		100.0	17	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**phoshonoacetaldehyde hydrolase like protein; **PDBTitle:** crystal structure of phoshonoacetaldehyde hydrolase like protein from2 oleispira antarctica
4	d1swva_	Alignment		100.0	19	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Phosphonoacetaldehyde hydrolase-like
5	d2hsza1	Alignment		100.0	13	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
6	d2ah5a1	Alignment		100.0	15	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
7	d1te2a_	Alignment		100.0	18	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
8	c3e58A_	Alignment		100.0	19	**PDB header:**isomerase **Chain:** A: **PDB Molecule:**putative beta-phosphoglucomutase; **PDBTitle:** crystal structure of putative beta-phosphoglucomutase from2 streptococcus thermophilus
9	d2hdoa1	Alignment		100.0	18	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
10	c3d6jA_	Alignment		100.0	18	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative haloacid dehalogenase-like hydrolase; **PDBTitle:** crystal structure of putative haloacid dehalogenase-like hydrolase2 from bacteroides fragilis
11	c3sd7A_	Alignment		100.0	15	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative phosphatase; **PDBTitle:** 1.7 angstrom resolution crystal structure of putative phosphatase from2 clostridium difficile

12	c2yy6B_	Alignment		100.0	18	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**phosphoglycolate phosphatase; **PDBTitle:** crystal structure of the phosphoglycolate phosphatase from aquifex2 aeolicus vf5
13	c2hi0B_	Alignment		100.0	17	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**putative phosphoglycolate phosphatase; **PDBTitle:** crystal structure of putative phosphoglycolate phosphatase2 (yp_619066.1) from lactobacillus delbrueckii subsp. bulgaricus atcc3 baa-365 at 1.51 a resolution
14	c3mc1A_	Alignment		100.0	16	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**predicted phosphatase, had family; **PDBTitle:** crystal structure of a predicted phosphatase from2 clostridium acetobutylicum
15	c3s6jC_	Alignment		100.0	16	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**hydrolase, haloacid dehalogenase-like family; **PDBTitle:** the crystal structure of a hydrolase from pseudomonas syringae
16	d2go7a1	Alignment		100.0	15	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
17	d1o08a_	Alignment		99.9	21	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
18	c3qnmA_	Alignment		99.9	12	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**haloacid dehalogenase-like hydrolase; **PDBTitle:** haloalkane dehalogenase family member from bacteroides2 thetaiotaomicron of unknown function
19	c2pibA_	Alignment		99.9	20	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**phosphorylated carbohydrates phosphatase tm_1254; **PDBTitle:** crystal structure of putative beta-phosphoglucomutase from2 thermotoga maritima
20	c3l5kA_	Alignment		99.9	17	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**haloacid dehalogenase-like hydrolase domain- **PDBTitle:** the crystal structure of human haloacid dehalogenase-like2 hydrolase domain containing 1a (hdhd1a)
21	c3m9lA_	Alignment	not modelled	99.9	19	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hydrolase, haloacid dehalogenase-like family; **PDBTitle:** crystal structure of probable had family hydrolase from2 pseudomonas fluorescens pf-5
22	c3nuqA_	Alignment	not modelled	99.9	18	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative nucleotide phosphatase; **PDBTitle:** structure of a putative nucleotide phosphatase from saccharomyces2 cerevisiae
23	c3ed5A_	Alignment	not modelled	99.9	16	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**yfnb; **PDBTitle:** the crystal structure of yfnb from bacillus subtilis subsp. subtilis2 str. 168
24	d2gfha1	Alignment	not modelled	99.9	17	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
25	c2om6A_	Alignment	not modelled	99.9	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**probable phosphoserine phosphatase; **PDBTitle:** hypothetical protein (probable phosphoserine phosph (ph0253) from2 pyrococcus horikoshii ot3
26	d1x42a1	Alignment	not modelled	99.9	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**HAD-related
27	c3ddhA_	Alignment	not modelled	99.9	11	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative haloacid dehalogenase-like family hydrolase; **PDBTitle:** the structure of a putative haloacid dehalogenase-like family2 hydrolase from bacteroides thetaiotaomicron vpi-5482
28	c2no5B_	Alignment	not modelled	99.9	16	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**(s)-2-haloacid dehalogenase iva; **PDBTitle:** crystal structure analysis of a dehalogenase with

						intermediate complex
29	d1qq5a_	Alignment	not modelled	99.9	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**HAD-related
30	c2qltA_	Alignment	not modelled	99.9	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**(dl)-glycerol-3-phosphatase 1; **PDBTitle:** crystal structure of an isoform of dl-glycerol-3-phosphatase, rhr2p,2 from saccharomyces cerevisiae
31	d2hcfa1	Alignment	not modelled	99.9	18	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**beta-Phosphoglucomutase-like
32	c2g80C_	Alignment	not modelled	99.9	7	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**protein utr4; **PDBTitle:** crystal structure of utr4 protein (unknown transcript 4 protein)2 (yel038w) from saccharomyces cerevisiae at 2.28 a resolution
33	d1zrna_	Alignment	not modelled	99.9	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**HAD-related
34	c3k1zA_	Alignment	not modelled	99.9	18	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**haloacid dehalogenase-like hydrolase domain-containing **PDBTitle:** crystal structure of human haloacid dehalogenase-like hydrolase domain2 containing 3 (hdhd3)
35	d2g80a1	Alignment	not modelled	99.9	8	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Enolase-phosphatase E1
36	c3nasA_	Alignment	not modelled	99.9	17	**PDB header:**isomerase **Chain:** A: **PDB Molecule:**beta-phosphoglucomutase; **PDBTitle:** the crystal structure of beta-phosphoglucomutase from bacillus2 subtilis
37	c2hoqA_	Alignment	not modelled	99.9	17	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative had-hydrolase ph1655; **PDBTitle:** crystal structure of the probable haloacid dehalogenase (ph1655) from2 pyrococcus horikoshii ot3
38	d1zs9a1	Alignment	not modelled	99.9	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Enolase-phosphatase E1
39	c2w11B_	Alignment	not modelled	99.9	16	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**2-haloalkanoic acid dehalogenase; **PDBTitle:** structure of the l-2-haloacid dehalogenase from sulfolobus2 tokodaii
40	c3pdwA_	Alignment	not modelled	99.9	15	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**uncharacterized hydrolase yutf; **PDBTitle:** crystal structure of putative p-nitrophenyl phosphatase from bacillus2 subtilis
41	c2pkeA_	Alignment	not modelled	99.9	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**haloacid delahogenase-like family hydrolase; **PDBTitle:** crystal structure of haloacid delahogenase-like family hydrolase2 (np_639141.1) from xanthomonas campestris at 1.81 a resolution
42	d2fi1a1	Alignment	not modelled	99.9	16	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Phosphonoacetaldehyde hydrolase-like
43	c2ho4A_	Alignment	not modelled	99.9	11	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**haloacid dehalogenase-like hydrolase domain **PDBTitle:** crystal structure of protein from mouse mm.236127
44	c3cnhA_	Alignment	not modelled	99.9	15	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hydrolase family protein; **PDBTitle:** crystal structure of predicted hydrolase of haloacid dehalogenase-like2 superfamily (np_295428.1) from deinococcus radiodurans at 1.66 a3 resolution
45	c3kzxA_	Alignment	not modelled	99.9	17	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**had-superfamily hydrolase, subfamily ia, variant 1; **PDBTitle:** crystal structure of a had-superfamily hydrolase from ehrlichia2 chaffeensis at 1.9a resolution
46	d1vjra_	Alignment	not modelled	99.9	13	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
47	c3qgmC_	Alignment	not modelled	99.9	17	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**p-nitrophenyl phosphatase (pho2); **PDBTitle:** p-nitrophenyl phosphatase from archaeoglobus fulgidus
48	d2o2xa1	Alignment	not modelled	99.9	17	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Histidinol phosphatase-like
49	d2gmwa1	Alignment	not modelled	99.9	13	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Histidinol phosphatase-like
50	c3kd3A_	Alignment	not modelled	99.9	12	**PDB header:**unknown function **Chain:** A: **PDB Molecule:**phosphoserine phosphohydrolase-like protein; **PDBTitle:** crystal structure of a phosphoserine phosphohydrolase-like protein2 from francisella tularensis subsp. tularensis schu s4
51	c3l8hC_	Alignment	not modelled	99.9	18	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**putative haloacid dehalogenase-like hydrolase; **PDBTitle:** crystal structure of d,d-heptose 1.7-bisphosphate phosphatase from b.2 bronchiseptica complexed with magnesium and phosphate
52	c3esqA_	Alignment	not modelled	99.9	13	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**d,d-heptose 1,7-bisphosphate phosphatase; **PDBTitle:** crystal structure of calcium-bound d,d-heptose 1.7-2

						bisphosphate phosphatase from e. coli
53	d2c4na1	Alignment	not modelled	99.8	16	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
54	c2cftA_	Alignment	not modelled	99.8	17	**PDB header:**phosphatase **Chain:** A: **PDB Molecule:**pyridoxal phosphate phosphatase; **PDBTitle:** crystal structure of human pyridoxal 5'-phosphate2 phosphatase with its substrate
55	d1wvia_	Alignment	not modelled	99.8	17	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
56	c2p11A_	Alignment	not modelled	99.8	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hypothetical protein; **PDBTitle:** crystal structure of a putative haloacid dehalogenase-like hydrolase2 (bxe_b1342) from burkholderia xenovorans lb400 at 2.20 a resolution
57	d1zd3a1	Alignment	not modelled	99.8	13	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**YihX-like
58	c2i6xA_	Alignment	not modelled	99.8	12	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hydrolase, haloacid dehalogenase-like family; **PDBTitle:** the structure of a predicted had-like family hydrolase from2 porphyromonas gingivalis.
59	c2zg6A_	Alignment	not modelled	99.8	13	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative uncharacterized protein st2620; **PDBTitle:** crystal structure of hypothetical protein; probable 2-2 haloalkanoic acid dehalogenase from sulfolobus tokodaii
60	c2x4dB_	Alignment	not modelled	99.8	13	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**phospholysine phosphohistidine inorganic pyrophosphate **PDBTitle:** crystal structure of human phospholysine phosphohistidine2 inorganic pyrophosphate phosphatase lhpp
61	d1ys9a1	Alignment	not modelled	99.8	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
62	d1yv9a1	Alignment	not modelled	99.8	17	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
63	d1ydfa1	Alignment	not modelled	99.8	16	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**NagD-like
64	d2b0ca1	Alignment	not modelled	99.8	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**YihX-like
65	c1zjjA_	Alignment	not modelled	99.8	12	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hypothetical protein ph1952; **PDBTitle:** crystal structure of hypothetical protein ph1952 from pyrococcus2 horikoshii ot3
66	d1u7pa_	Alignment	not modelled	99.7	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Magnesium-dependent phosphatase-1, Mdp1
67	c3m1yA_	Alignment	not modelled	99.7	15	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**phosphoserine phosphatase (serb); **PDBTitle:** crystal structure of a phosphoserine phosphatase (serb) from2 helicobacter pylori
68	c1cr6A_	Alignment	not modelled	99.7	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**epoxide hydrolase; **PDBTitle:** crystal structure of murine soluble epoxide hydrolase2 complexed with cpu inhibitor
69	d1cr6a1	Alignment	not modelled	99.7	15	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**YihX-like
70	c2hx1D_	Alignment	not modelled	99.7	11	**PDB header:**hydrolase **Chain:** D: **PDB Molecule:**predicted sugar phosphatases of the had **PDBTitle:** crystal structure of possible sugar phosphatase, had2 superfamily (zp_00311070.1) from cytophaga hutchinsonii3 atcc 33406 at 2.10 a resolution
71	d2feaa1	Alignment	not modelled	99.7	10	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**MtnX-like
72	d1j97a_	Alignment	not modelled	99.7	17	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Phosphoserine phosphatase
73	d1qyia_	Alignment	not modelled	99.7	19	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Hypothetical protein MW1667 (SA1546)
74	d1nnla_	Alignment	not modelled	99.7	13	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Phosphoserine phosphatase
75	c2odaB_	Alignment	not modelled	99.6	20	**PDB header:**protein binding **Chain:** B: **PDB Molecule:**hypothetical protein pspto_2114; **PDBTitle:** crystal structure of pspto_2114
76	d2fpwa1	Alignment	not modelled	99.6	15	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Histidinol phosphatase-like
77	d1rkua_	Alignment	not modelled	99.5	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Homoserine kinase ThrH
78	c3ib6B_	Alignment	not modelled	99.5	11	**PDB header:**structural genomics, unknown function **Chain:** B: **PDB Molecule:**uncharacterized protein; **PDBTitle:** crystal structure of an uncharacterized protein from

						listeria2 monocytogenes serotype 4b
79	c2i7dB_	Alignment	not modelled	99.5	19	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**5'(3')-deoxyribonucleotidase, cytosolic type; **PDBTitle:** structure of human cytosolic deoxyribonucleotidase in2 complex with deoxyuridine, alf4 and mg2+
80	d1wr8a_	Alignment	not modelled	99.4	10	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
81	d1q92a_	Alignment	not modelled	99.4	15	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**5'(3')-deoxyribonucleotidase (dNT-2)
82	c3kc2A_	Alignment	not modelled	99.4	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**uncharacterized protein ykr070w; **PDBTitle:** crystal structure of mitochondrial had-like phosphatase from2 saccharomyces cerevisiae
83	d1l6ra_	Alignment	not modelled	99.3	10	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
84	c2pr7A_	Alignment	not modelled	99.3	21	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**haloacid dehalogenase/epoxide hydrolase family; **PDBTitle:** crystal structure of uncharacterized protein (np_599989.1) from2 corynebacterium glutamicum atcc 13032 kitasato at 1.44 a resolution
85	c3fvvA_	Alignment	not modelled	99.3	10	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**uncharacterized protein; **PDBTitle:** the crystal structure of the protein with unknown function from2 bordetella pertussis tohama i
86	c3mn1B_	Alignment	not modelled	99.2	18	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**probable yrbi family phosphatase; **PDBTitle:** crystal structure of probable yrbi family phosphatase from pseudomonas2 syringae pv.phaseolica 1448a
87	c3e8mD_	Alignment	not modelled	99.2	17	**PDB header:**transferase **Chain:** D: **PDB Molecule:**acylneuraminate cytidylyltransferase; **PDBTitle:** structure-function analysis of 2-keto-3-deoxy-d-glycero-d-galacto-2 nononate-9-phosphate (kdn) phosphatase defines a new clad within the3 type c0 had subfamily
88	d1k1ea_	Alignment	not modelled	99.2	20	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Probable phosphatase YrbI
89	c3p96A_	Alignment	not modelled	99.2	14	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**phosphoserine phosphatase serb; **PDBTitle:** crystal structure of phosphoserine phosphatase serb from mycobacterium2 avium, native form
90	c2r8zC_	Alignment	not modelled	99.1	17	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**3-deoxy-d-manno-octulosonate 8-phosphate phosphatase; **PDBTitle:** crystal structure of yrbi phosphatase from escherichia coli in complex2 with a phosphate and a calcium ion
91	c3n28A_	Alignment	not modelled	99.1	12	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**phosphoserine phosphatase; **PDBTitle:** crystal structure of probable phosphoserine phosphatase from vibrio2 cholerae, unliganded form
92	c3n07B_	Alignment	not modelled	99.0	12	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**3-deoxy-d-manno-octulosonate 8-phosphate phosphatase; **PDBTitle:** structure of putative 3-deoxy-d-manno-octulosonate 8-phosphate2 phosphatase from vibrio cholerae
93	c3n1uA_	Alignment	not modelled	99.0	21	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hydrolase, had superfamily, subfamily iii a; **PDBTitle:** structure of putative had superfamily (subfamily iii a) hydrolase from2 legionella pneumophila
94	c3ewiB_	Alignment	not modelled	99.0	15	**PDB header:**transferase **Chain:** B: **PDB Molecule:**n-acylneuraminate cytidylyltransferase; **PDBTitle:** structural analysis of the c-terminal domain of murine cmp-2 sialic acid synthetase
95	c2p9jH_	Alignment	not modelled	99.0	17	**PDB header:**structural genomics, unknown function **Chain:** H: **PDB Molecule:**hypothetical protein aq2171; **PDBTitle:** crystal structure of aq2171 from aquifex aeolicus
96	c3mmzA_	Alignment	not modelled	99.0	17	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative had family hydrolase; **PDBTitle:** crystal structure of putative had family hydrolase from streptomyces2 avermitilis ma-4680
97	c2qyhD_	Alignment	not modelled	98.8	12	**PDB header:**structural genomics, unknown function **Chain:** D: **PDB Molecule:**hypothetical conserved protein, gk1056; **PDBTitle:** crystal structure of the hypothetical protein (gk1056) from2 geobacillus kaustophilus hta426
98	d2b30a1	Alignment	not modelled	98.8	12	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
99	c2iyeC_	Alignment	not modelled	98.7	18	**PDB header:**hydrolase **Chain:** C: **PDB Molecule:**copper-transporting atpase; **PDBTitle:** structure of catalytic cpx-atpase domain copb-b
100	c3r4cA_	Alignment	not modelled	98.7	16	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**hydrolase, haloacid dehalogenase-like hydrolase; **PDBTitle:** divergence of structure and function among phosphatases of the2 haloalkanoate (had) enzyme superfamily: analysis of bt1666 from3 bacteroides thetaiotaomicron
101	c3fzqA_	Alignment	not modelled	98.7	10	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative hydrolase; **PDBTitle:** crystal structure of putative haloacid dehalogenase-like hydrolase2 (yp_001086940.1) from clostridium difficile 630 at 2.10 a resolution
102	d1rkqa_	Alignment	not modelled	98.7	12	**Fold:**HAD-like **Superfamily:**HAD-like

						Family: Predicted hydrolases Cof
103	c3niwA_	Alignment	not modelled	98.6	12	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**haloacid dehalogenase-like hydrolase; **PDBTitle:** crystal structure of a haloacid dehalogenase-like hydrolase from2 bacteroides thetaiotaomicron
104	c3l7yA_	Alignment	not modelled	98.6	13	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative uncharacterized protein smu.1108c; **PDBTitle:** the crystal structure of smu.1108c from streptococcus mutans ua159
105	d1s2oa1	Alignment	not modelled	98.5	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
106	d2rbka1	Alignment	not modelled	98.5	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
107	d1rlma_	Alignment	not modelled	98.5	16	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
108	d1nrwa_	Alignment	not modelled	98.4	14	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
109	d1nf2a_	Alignment	not modelled	98.4	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
110	c3daoB_	Alignment	not modelled	98.4	9	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**putative phosphatse; **PDBTitle:** crystal structure of a putative phosphatse (eubrec_1417) from2 eubacterium rectale at 1.80 a resolution
111	c3zvmA_	Alignment	not modelled	98.4	22	**PDB header:**hydrolase/transferase/dna **Chain:** A: **PDB Molecule:**bifunctional polynucleotide phosphatase/kinase; **PDBTitle:** the structural basis for substrate recognition by mammalian2 polynucleotide kinase 3' phosphatase
112	d1wzca1	Alignment	not modelled	98.3	12	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
113	c3gygA_	Alignment	not modelled	98.2	10	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**ntd biosynthesis operon putative hydrolase ntdb; **PDBTitle:** crystal structure of yhjk (haloacid dehalogenase-like hydrolase2 protein) from bacillus subtilis
114	d1yj5a1	Alignment	not modelled	98.2	22	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**phosphatase domain of polynucleotide kinase
115	c3dnpA_	Alignment	not modelled	98.2	12	**PDB header:**structural genomics, unknown function **Chain:** A: **PDB Molecule:**stress response protein yhax; **PDBTitle:** crystal structure of stress response protein yhax from bacillus2 subtilis
116	d1z5ga1	Alignment	not modelled	98.2	18	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Class B acid phosphatase, AphA
117	c3pgvB_	Alignment	not modelled	98.2	12	**PDB header:**hydrolase **Chain:** B: **PDB Molecule:**haloacid dehalogenase-like hydrolase; **PDBTitle:** crystal structure of a haloacid dehalogenase-like hydrolase2 (kpn_04322) from klebsiella pneumoniae subsp. pneumoniae mgh 78578 at3 2.39 a resolution
118	c1xviA_	Alignment	not modelled	98.2	11	**PDB header:**hydrolase **Chain:** A: **PDB Molecule:**putative mannosyl-3-phosphoglycerate phosphatase; **PDBTitle:** crystal structure of yedp, phosphatase-like domain protein2 from escherichia coli k12
119	d1xvia_	Alignment	not modelled	98.2	11	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Predicted hydrolases Cof
120	d2vkqa1	Alignment	not modelled	98.1	16	**Fold:**HAD-like **Superfamily:**HAD-like **Family:**Pyrimidine 5'-nucleotidase (UMPH-1)