

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4jcsA_	 Alignment		100.0	25	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of enoyl-coa hydratase/isomerase from cupriavidus2 metallidurans ch34
2	c4jfcA_	 Alignment		100.0	31	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of a enoyl-coa hydratase from polaromonas sp. js666
3	c3g64A_	 Alignment		100.0	31	PDB header: lyase Chain: A; PDB Molecule: putative enoyl-coa hydratase; PDBTitle: crystal structure of putative enoyl-coa hydratase from streptomyces2 coelicolor a3(2)
4	c2qq3F_	 Alignment		100.0	38	PDB header: lyase Chain: F; PDB Molecule: enoyl-coa hydratase subunit i; PDBTitle: crystal structure of enoyl-coa hydrates subunit i (gk_2039)2 other form from geobacillus kaustophilus hta426
5	c3h81A_	 Alignment		100.0	39	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase echa8; PDBTitle: crystal structure of enoyl-coa hydratase from mycobacterium2 tuberculosis
6	c4fzwA_	 Alignment		100.0	40	PDB header: isomerase/lyase Chain: A; PDB Molecule: 2,3-dehydroadipyl-coa hydratase; PDBTitle: crystal structure of the paaf-paag hydratase-isomerase complex from2 e.coli
7	c3moyA_	 Alignment		100.0	37	PDB header: lyase Chain: A; PDB Molecule: probable enoyl-coa hydratase; PDBTitle: crystal structure of probable enoyl-coa hydratase from mycobacterium2 smegmatis
8	c2vx2D_	 Alignment		100.0	27	PDB header: isomerase Chain: D; PDB Molecule: enoyl-coa hydratase domain-containing protein 3; PDBTitle: crystal structure of human enoyl coenzyme a hydratase2 domain-containing protein 3 (echdc3)
9	c3hrxD_	 Alignment		100.0	36	PDB header: lyase Chain: D; PDB Molecule: probable enoyl-coa hydratase; PDBTitle: crystal structure of phenylacetic acid degradation protein paag
10	c2hw5F_	 Alignment		100.0	41	PDB header: lyase Chain: F; PDB Molecule: enoyl-coa hydratase; PDBTitle: the crystal structure of human enoyl-coenzyme a (coa) hydratase short2 chain 1, echs1
11	c3swxB_	 Alignment		100.0	30	PDB header: isomerase Chain: B; PDB Molecule: probable enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a probable enoyl-coa hydratase/isomerase from2 mycobacterium abscessus

12	c4mi2C_	Alignment		100.0	31	PDB header: isomerase Chain: C: PDB Molecule: putative enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of putative enoyl-coa hydratase/isomerase from2 mycobacterium abscessus
13	c2ej5B_	Alignment		100.0	35	PDB header: lyase Chain: B: PDB Molecule: enoyl-coa hydratase subunit ii; PDBTitle: crystal structure of gk2038 protein (enoyl-coa hydratase subunit ii)2 from geobacillus kaustophilus
14	c4olqD_	Alignment		100.0	28	PDB header: lyase Chain: D: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of a putative enoyl-coa hydratase/isomerase family2 protein from hyphomonas neptunium
15	d1nzya_	Alignment		100.0	24	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
16	c3peaD_	Alignment		100.0	35	PDB header: isomerase Chain: D: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of enoyl-coa hydratase from bacillus anthracis str.2 'ames ancestor'
17	c3trrA_	Alignment		100.0	29	PDB header: isomerase Chain: A: PDB Molecule: probable enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a probable enoyl-coa hydratase/isomerase from2 mycobacterium abscessus
18	c3p5mB_	Alignment		100.0	32	PDB header: isomerase Chain: B: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 mycobacterium avium
19	c4k2nA_	Alignment		100.0	28	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/carnithine racemase; PDBTitle: crystal structure of an enoyl-coa hydratase/ carnithine racemase from2 magnetospirillum magneticum
20	c3i47A_	Alignment		100.0	26	PDB header: lyase Chain: A: PDB Molecule: enoyl coa hydratase/isomerase (crotonase); PDBTitle: crystal structure of putative enoyl coa hydratase/isomerase2 (crotonase) from legionella pneumophila subsp. pneumophila str.3 philadelphia 1
21	c3t88A_	Alignment	not modelled	100.0	29	PDB header: lyase/lyase inhibitor Chain: A: PDB Molecule: 1,4-dihydroxy-2-naphthoyl-coa synthase; PDBTitle: crystal structure of escherichia coli menb in complex with substrate2 analogue, osb-ncoa
22	c3kqfC_	Alignment	not modelled	100.0	36	PDB header: isomerase Chain: C: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: 1.8 angstrom resolution crystal structure of enoyl-coa hydratase from2 bacillus anthracis.
23	c2ppyE_	Alignment	not modelled	100.0	30	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydrates (gk_1992) from geobacillus2 kaustophilus hta426
24	c3mybA_	Alignment	not modelled	100.0	33	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase mycobacterium smegmatis
25	c4fzwD_	Alignment	not modelled	100.0	32	PDB header: isomerase/lyase Chain: D: PDB Molecule: 1,2-epoxyphenylacetyl-coa isomerase; PDBTitle: crystal structure of the paaf-paag hydratase-isomerase complex from2 e.coli
26	d1mj3a_	Alignment	not modelled	100.0	40	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
27	d1uiya_	Alignment	not modelled	100.0	33	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
28	d2fw2a1	Alignment	not modelled	100.0	24	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like

29	c4j2uA	Alignment	not modelled	100.0	25	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of an enoyl-coa hydratase from rhodobacter2 sphaeroides 2.4.1
30	c3r0oA	Alignment	not modelled	100.0	30	PDB header: lyase Chain: A: PDB Molecule: carnitiny-coa dehydratase; PDBTitle: crystal structure of carnitiny-coa hydratase from mycobacterium avium
31	c4og1A	Alignment	not modelled	100.0	26	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a putative enoyl-coa hydratase from2 novosphingobium aromaticivorans dsm 12444
32	c2lexA	Alignment	not modelled	100.0	33	PDB header: lyase Chain: A: PDB Molecule: dihydroxynapthoic acid synthetase; PDBTitle: crystal structure of dihydroxynapthoic acid synthetase (gk2873) from2 geobacillus kaustophilus hta426
33	c3hinA	Alignment	not modelled	100.0	31	PDB header: lyase Chain: A: PDB Molecule: putative 3-hydroxybutyryl-coa dehydratase; PDBTitle: crystal structure of putative enoyl-coa hydratase from2 rhodopseudomonas palustris cga009
34	c3rsiA	Alignment	not modelled	100.0	34	PDB header: isomerase Chain: A: PDB Molecule: putative enoyl-coa hydratase/isomerase; PDBTitle: the structure of a putative enoyl-coa hydratase/isomerase from2 mycobacterium abscessus atcc 19977 / dsm 44196
35	c4nekD	Alignment	not modelled	100.0	32	PDB header: isomerase Chain: D: PDB Molecule: enoyl-coa hydratase/carnithine racemase; PDBTitle: putative enoyl-coa hydratase/carnithine racemase from magnetospirillum2 magneticum amb-1
36	c4jwvA	Alignment	not modelled	100.0	31	PDB header: lyase Chain: A: PDB Molecule: short chain enoyl-coa hydratase; PDBTitle: crystal structure of putative short chain enoyl-coa hydratase from2 novosphingobium aromaticivorans dsm 12444
37	d1dcia	Alignment	not modelled	100.0	28	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
38	d1hzda	Alignment	not modelled	100.0	30	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
39	d1wz8a1	Alignment	not modelled	100.0	29	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
40	c3bptA	Alignment	not modelled	100.0	28	PDB header: hydrolase Chain: A: PDB Molecule: 3-hydroxyisobutyryl-coa hydrolase; PDBTitle: crystal structure of human beta-hydroxyisobutyryl-coa hydrolase in2 complex with quercetin
41	c4i4zE	Alignment	not modelled	100.0	30	PDB header: lyase Chain: E: PDB Molecule: naphthoate synthase; PDBTitle: synechocystis sp. pcc 6803 1,4-dihydroxy-2-naphthoyl-coenzyme a2 synthase (menb) in complex with salicylyl-coa
42	c3qxzA	Alignment	not modelled	100.0	25	PDB header: lyase,isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a probable enoyl-coa hydratase/isomerase from2 mycobacterium abscessus
43	c3qxiA	Alignment	not modelled	100.0	32	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase echa1; PDBTitle: crystal structure of enoyl-coa hydratase echa1 from mycobacterium2 marinum
44	c4f47A	Alignment	not modelled	100.0	29	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase echa19; PDBTitle: the structure of enoyl-coa hydratase echa19 from mycobacterium marinum
45	c3tlfF	Alignment	not modelled	100.0	27	PDB header: isomerase Chain: F: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 mycobacterium paratuberculosis
46	c4hdtA	Alignment	not modelled	100.0	29	PDB header: isomerase Chain: A: PDB Molecule: 3-hydroxyisobutyryl-coa hydrolase; PDBTitle: crystal structure of a carnitiny-coa dehydratase from mycobacterium2 thermoresistibile
47	c4mouA	Alignment	not modelled	100.0	27	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase family member,2 nysgrc target 028282
48	d1ef8a	Alignment	not modelled	100.0	27	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
49	c4k3wA	Alignment	not modelled	100.0	28	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 marinobacter aquaeolei
50	c4kpkA	Alignment	not modelled	100.0	23	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a enoyl-coa hydratase from shewanella pealeana2 atcc 700345
51	d1q52a	Alignment	not modelled	100.0	27	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
52	c3ju1A	Alignment	not modelled	100.0	23	PDB header: lyase, isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of enoyl-coa hydratase/isomerase family protein
53	c4lk5B	Alignment	not modelled	100.0	30	PDB header: lyase Chain: B: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of a enoyl-coa hydratase from mycobacterium avium2 subsp. paratuberculosis k-10
						PDB header: isomerase

54	c3sllC_	Alignment	not modelled	100.0	28	Chain: C: PDB Molecule: probable enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a probable enoyl-coa hydratase/isomerase from2 mycobacterium abscessus
55	c3njbA_	Alignment	not modelled	100.0	27	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from mycobacterium smegmatis,2 iodide soak
56	c3gkbA_	Alignment	not modelled	100.0	29	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: putative enoyl-coa hydratase; PDBTitle: crystal structure of a putative enoyl-coa hydratase from streptomyces2 avermitilis
57	d1wdka4	Alignment	not modelled	100.0	28	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
58	c4wczB_	Alignment	not modelled	100.0	27	PDB header: isomerase Chain: B: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a putative enoyl-coa hydratase/isomerase from2 novosphingobium aromaticivorans
59	c3oc7A_	Alignment	not modelled	100.0	31	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of an enoyl-coa hydratase from mycobacterium avium
60	d1xx4a_	Alignment	not modelled	100.0	24	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
61	c2d3tB_	Alignment	not modelled	100.0	30	PDB header: lyase, oxidoreductase/transferase Chain: B: PDB Molecule: fatty oxidation complex alpha subunit; PDBTitle: fatty acid beta-oxidation multienzyme complex from2 pseudomonas fragi, form v
62	c3he2C_	Alignment	not modelled	100.0	28	PDB header: lyase Chain: C: PDB Molecule: enoyl-coa hydratase echa6; PDBTitle: crystal structure of enoyl-coa hydratase from mycobacterium2 tuberculosis
63	c3rrvC_	Alignment	not modelled	100.0	27	PDB header: isomerase Chain: C: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 mycobacterium paratuberculosis
64	c3lkeA_	Alignment	not modelled	100.0	25	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from bacillus halodurans
65	c4jylE_	Alignment	not modelled	100.0	31	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from thermoplasma volcanium2 gss1
66	c4k29A_	Alignment	not modelled	100.0	28	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 xanthobacter autotrophicus py2
67	c2f6qA_	Alignment	not modelled	100.0	22	PDB header: isomerase Chain: A: PDB Molecule: peroxisomal 3,2-trans-enoyl-coa isomerase; PDBTitle: the crystal structure of human peroxisomal delta3, delta2 enoyl coa2 isomerase (peci)
68	d2f6qa1	Alignment	not modelled	100.0	22	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
69	c2x58B_	Alignment	not modelled	100.0	33	PDB header: oxidoreductase Chain: B: PDB Molecule: peroxisomal bifunctional enzyme; PDBTitle: the crystal structure of mfe1 liganded with coa
70	c3h0uB_	Alignment	not modelled	100.0	29	PDB header: lyase Chain: B: PDB Molecule: putative enoyl-coa hydratase; PDBTitle: crystal structure of a putative enoyl-coa hydratase from2 streptomyces avermitilis
71	c2fbmB_	Alignment	not modelled	100.0	23	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: y chromosome chromodomain protein 1, telomeric isoform b; PDBTitle: acetyltransferase domain of cdy1
72	c3q1tB_	Alignment	not modelled	100.0	24	PDB header: lyase Chain: B: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from mycobacterium avium
73	c4b3hA_	Alignment	not modelled	100.0	26	PDB header: oxidoreductase/transferase Chain: A: PDB Molecule: fatty acid beta-oxidation complex alpha-chain fadb; PDBTitle: crystal structure of mycobacterium tuberculosis fatty acid2 beta-oxidation complex
74	c4jvjA_	Alignment	not modelled	100.0	24	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of putative enoyl-coa hydratase/isomerase from2 novosphingobium aromaticivorans dsm 12444
75	c4izbB_	Alignment	not modelled	100.0	27	PDB header: hydrolase Chain: B: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of dmdd, a crotonase superfamily enzyme that2 catalyzes the hydration and hydrolysis of methylthioacryloyl-coa
76	c4di1A_	Alignment	not modelled	100.0	31	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase echa17; PDBTitle: crystal structure of enoyl-coa hydratase echa17 from mycobacterium2 marinum
77	c3hp0B_	Alignment	not modelled	100.0	20	PDB header: lyase Chain: B: PDB Molecule: putative polyketide biosynthesis enoyl-coa PDBTitle: crystal structure of a putative polyketide biosynthesis2 enoyl-coa hydratase (pksh) from bacillus subtilis
78	c2q35A_	Alignment	not modelled	100.0	17	PDB header: lyase Chain: A: PDB Molecule: curf; PDBTitle: crystal structure of the y82f variant of ech2 decarboxylase domain of2 curf from lyngbya majuscula

79	c4jotA	Alignment	not modelled	100.0	29	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase, putative; PDBTitle: crystal structure of enoyl-coa hydratase from deinococcus radiodurans2 r1
80	c2wtbA	Alignment	not modelled	100.0	34	PDB header: oxidoreductase Chain: A: PDB Molecule: fatty acid multifunctional protein (atmfp2); PDBTitle: arabidopsis thaliana multifunctional protein, mfp2
81	c4nnqB	Alignment	not modelled	100.0	28	PDB header: lyase Chain: B: PDB Molecule: putative enoyl-coa hydratase; PDBTitle: crystal structure of lnmf protein from streptomyces amphibiosporus
82	c2j5iF	Alignment	not modelled	100.0	26	PDB header: lyase Chain: F: PDB Molecule: p-hydroxycinnamoyl coa hydratase/lyase; PDBTitle: crystal structure of hydroxycinnamoyl-coa hydratase-lyase
83	c4jvtA	Alignment	not modelled	100.0	30	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of tfu_1878, a putative enoyl-coa hydratase2 fromthermobifida fusca yx in complex with coa
84	d1pjha	Alignment	not modelled	100.0	18	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
85	d1sg4a1	Alignment	not modelled	100.0	22	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
86	c3isaA	Alignment	not modelled	100.0	23	PDB header: hydrolase Chain: A: PDB Molecule: putative enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of putative enoyl-coa hydratase/isomerase from2 bordetella parapertussis
87	c3qkaB	Alignment	not modelled	100.0	31	PDB header: lyase Chain: B: PDB Molecule: enoyl-coa hydratase, echa5; PDBTitle: crystal structure of enoyl-coa hydratase echa5 from mycobacterium2 marinum
88	c3r6hA	Alignment	not modelled	100.0	22	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase, echa3; PDBTitle: crystal structure of an enoyl-coa hydratase (echa3) from mycobacterium2 marinum
89	c3laoA	Alignment	not modelled	100.0	23	PDB header: lyase, isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of enoyl-coa hydratase from pseudomonas2 aeruginosa pa01
90	c3l3sF	Alignment	not modelled	100.0	22	PDB header: isomerase Chain: F: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase family2 protein from silicibacter pomeroyi
91	c3omeE	Alignment	not modelled	100.0	28	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of a probable enoyl-coa hydratase from mycobacterium2 smegmatis
92	c3p85A	Alignment	not modelled	100.0	29	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure enoyl-coa hydratase from mycobacterium avium
93	c2w3pB	Alignment	not modelled	100.0	21	PDB header: lyase Chain: B: PDB Molecule: benzoyl-coa-dihydrodiol lyase; PDBTitle: boxc crystal structure
94	d1szoa	Alignment	not modelled	100.0	21	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
95	c3h02F	Alignment	not modelled	100.0	30	PDB header: lyase Chain: F: PDB Molecule: naphthoate synthase; PDBTitle: 2.15 angstrom resolution crystal structure of naphthoate synthase from2 salmonella typhimurium.
96	d2a7ka1	Alignment	not modelled	100.0	23	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
97	c2pg8C	Alignment	not modelled	100.0	24	PDB header: ligand binding protein Chain: C: PDB Molecule: dpgc; PDBTitle: crystal structure of r254k mutanat of dpgc with bound substrate analog
98	c3ot6A	Alignment	not modelled	100.0	19	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase family protein; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase family protein2 from psudomonas syringae
99	c3fduF	Alignment	not modelled	100.0	30	PDB header: isomerase Chain: F: PDB Molecule: putative enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a putative enoyl-coa hydratase/isomerase from2 acinetobacter baumannii
100	c4kd6A	Alignment	not modelled	100.0	26	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a enoyl-coa hydratase/isomerase from burkholderia2 graminis c4d1m
101	c3m6nA	Alignment	not modelled	100.0	19	PDB header: lyase Chain: A: PDB Molecule: rpff protein; PDBTitle: crystal structure of rpff
102	c1rjnC	Alignment	not modelled	100.0	22	PDB header: lyase Chain: C: PDB Molecule: menb; PDBTitle: the crystal structure of menb (rv0548c) from mycobacterium2 tuberculosis in complex with the coa portion of naphthoyl coa
103	c2j5gL	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: L: PDB Molecule: alr4455 protein; PDBTitle: the native structure of a beta-diketone hydrolase from the2 cyanobacterium anabaena sp. pcc 7120
104	d1rjma	Alignment	not modelled	100.0	25	Fold: ClpP/crotonase Superfamily: ClpP/crotonase

						Family: Crotonase-like
105	c3qmjA	Alignment	not modelled	100.0	28	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase, echa8_6; PDBTitle: crystal structure of enoyl-coa hydratase echa8_6 from mycobacterium2 marinum
106	c3qreA	Alignment	not modelled	100.0	28	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase, echa12_1; PDBTitle: crystal structure of an enoyl-coa hydratase echa12_1 from2 mycobacterium marinum
107	c3rstH	Alignment	not modelled	99.9	21	PDB header: hydrolase Chain: H: PDB Molecule: signal peptide peptidase sppa; PDBTitle: crystal structure of bacillus subtilis signal peptide peptidase a
108	c4hnkl	Alignment	not modelled	99.7	13	PDB header: hydrolase Chain: I: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: crystal structure of an enzyme
109	c2f9iC	Alignment	not modelled	99.6	14	PDB header: transferase Chain: C: PDB Molecule: acetyl-coenzyme a carboxylase carboxyl PDBTitle: crystal structure of the carboxyltransferase subunit of acc2 from staphylococcus aureus
110	c3bezC	Alignment	not modelled	99.4	25	PDB header: hydrolase Chain: C: PDB Molecule: protease 4; PDBTitle: crystal structure of escherichia coli signal peptide peptidase (sppa),2 semet crystals
111	d2f9ya1	Alignment	not modelled	99.4	15	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
112	d2cbya1	Alignment	not modelled	99.2	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
113	c2deoA	Alignment	not modelled	99.2	17	PDB header: hydrolase Chain: A: PDB Molecule: 441aa long hypothetical nfd protein; PDBTitle: 1510-n membrane protease specific for a stomatin homolog from2 pyrococcus horikoshii
114	c3kthD	Alignment	not modelled	99.1	17	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: structure of clpp from bacillus subtilis in orthorhombic crystal form
115	c4jqcU	Alignment	not modelled	99.1	12	PDB header: hydrolase Chain: U: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: clpp1 from listeria monocytogenes
116	c1tg6G	Alignment	not modelled	99.0	11	PDB header: hydrolase Chain: G: PDB Molecule: putative atp-dependent clp protease proteolytic subunit; PDBTitle: crystallography and mutagenesis point to an essential role for the n-2 terminus of human mitochondrial clpp
117	c4u0gG	Alignment	not modelled	99.0	15	PDB header: hydrolase/antibiotic Chain: G: PDB Molecule: atp-dependent clp protease proteolytic subunit 2; PDBTitle: crystal structure of m. tuberculosis clpp1p2 bound to adep and agonist
118	c2cbyG	Alignment	not modelled	99.0	16	PDB header: hydrolase Chain: G: PDB Molecule: atp-dependent clp protease proteolytic subunit 1; PDBTitle: crystal structure of the atp-dependent clp protease2 proteolytic subunit 1 (clpp1) from mycobacterium3 tuberculosis
119	c3p2ID	Alignment	not modelled	99.0	14	PDB header: hydrolase Chain: D: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: crystal structure of atp-dependent clp protease subunit p from2 francisella tularensis
120	d1yg6a1	Alignment	not modelled	98.9	17	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit