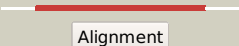



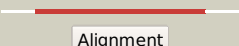


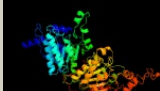


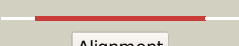
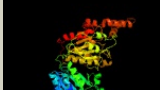












Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3799c_(accD4)_4254558_4256126
Date	Fri Aug 9 18:20:50 BST 2019
Unique Job ID	c3b6cfbe6a84fea9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1xnwD_	 Alignment		100.0	50	PDB header: ligase Chain: D: PDB Molecule: propionyl-coa carboxylase complex b subunit; PDBTitle: acyl-coa carboxylase beta subunit from s. coelicolor (pccb),2 apo form #2, mutant d422i
2	c1on3E_	 Alignment		100.0	46	PDB header: transferase Chain: E: PDB Molecule: methylmalonyl-coa carboxyltransferase 12s PDBTitle: transcarboxylase 12s crystal structure: hexamer assembly2 and substrate binding to a multienzyme core (with3 methylmalonyl-coenzyme a and methylmalonic acid bound)
3	c2a7sD_	 Alignment		100.0	49	PDB header: ligase Chain: D: PDB Molecule: probable propionyl-coa carboxylase beta chain 5; PDBTitle: crystal structure of the acyl-coa carboxylase, accd5, from2 mycobacterium tuberculosis
4	c1x0uB_	 Alignment		100.0	44	PDB header: lyase Chain: B: PDB Molecule: hypothetical methylmalonyl-coa decarboxylase alpha subunit; PDBTitle: crystal structure of the carboxyl transferase subunit of putative pcc2 of sulfolobus tokodaii
5	c5ingC_	 Alignment		100.0	48	PDB header: transferase Chain: C: PDB Molecule: putative carboxyl transferase; PDBTitle: a crotonyl-coa reductase-carboxylase independent pathway for assembly2 of unusual alkylmalonyl-coa polyketide synthase extender unit
6	c1vrgE_	 Alignment		100.0	45	PDB header: ligase Chain: E: PDB Molecule: propionyl-coa carboxylase, beta subunit; PDBTitle: crystal structure of propionyl-coa carboxylase, beta subunit (tm0716)2 from thermotoga maritima at 2.30 a resolution
7	c3n6rF_	 Alignment		100.0	47	PDB header: ligase Chain: F: PDB Molecule: propionyl-coa carboxylase, beta subunit; PDBTitle: crystal structure of the holoenzyme of propionyl-coa carboxylase (pcc)
8	c3u9rB_	 Alignment		100.0	30	PDB header: ligase Chain: B: PDB Molecule: methylcrotonyl-coa carboxylase, beta-subunit; PDBTitle: crystal structure of p. aeruginosa 3-methylcrotonyl-coa carboxylase2 (mcc), beta subunit
9	c4q0gC_	 Alignment		100.0	31	PDB header: ligase Chain: C: PDB Molecule: probable acetyl-/propionyl-coa carboxylase (beta subunit) PDBTitle: crystal structure of beta subunit of acyl-coa carboxylase accd1 from2 mycobacterium tuberculosis
10	c5fifD_	 Alignment		100.0	28	PDB header: ligase Chain: D: PDB Molecule: carboxylase; PDBTitle: carboxyltransferase domain of a single-chain bacterial carboxylase
11	c5ikID_	 Alignment		100.0	28	PDB header: ligase Chain: D: PDB Molecule: geranyl-coa carboxylase, beta-subunit; PDBTitle: crystal structure of p. aeruginosa geranyl-coa carboxylase (gcc), beta2 subunit

12	c4rcnA_	Alignment		100.0	29	PDB header: ligase Chain: A: PDB Molecule: long-chain acyl-coa carboxylase; PDBTitle: structure and function of a single-chain, multi-domain long-chain2 acyl-coa carboxylase
13	c1pixB_	Alignment		100.0	24	PDB header: lyase Chain: B: PDB Molecule: glutaconyl-coa decarboxylase a subunit; PDBTitle: crystal structure of the carboxyltransferase subunit of the2 bacterial ion pump glutaconyl-coenzyme a decarboxylase
14	c3glmD_	Alignment		100.0	22	PDB header: lyase Chain: D: PDB Molecule: glutaconyl-coa decarboxylase subunit a; PDBTitle: glutaconyl-coa decarboxylase a subunit from clostridium symbiosum co-2 crystallized with crotonyl-coa
15	c4l6wB_	Alignment		100.0	35	PDB header: ligase Chain: B: PDB Molecule: probable propionyl-coa carboxylase beta chain 6; PDBTitle: carboxyltransferase subunit (accd6) of mycobacterium tuberculosis2 acetyl-coa carboxylase
16	c4l6wA_	Alignment		100.0	38	PDB header: ligase Chain: A: PDB Molecule: probable propionyl-coa carboxylase beta chain 6; PDBTitle: carboxyltransferase subunit (accd6) of mycobacterium tuberculosis2 acetyl-coa carboxylase
17	c4wyoB_	Alignment		100.0	19	PDB header: ligase/ligase inhibitor Chain: B: PDB Molecule: acetyl-coa carboxylase; PDBTitle: crystal structure of human-yeast chimera acetyl coa carboxylase ct2 domain bound to compound 1
18	c3h0jA_	Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa carboxylase; PDBTitle: crystal structure of the carboxyltransferase domain of2 acetyl-coenzyme a carboxylase in complex with compound 2
19	c1uyvB_	Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa carboxylase; PDBTitle: acetyl-coa carboxylase carboxyltransferase domain l1705j/2 v1967i mutant
20	c2x24B_	Alignment		100.0	24	PDB header: ligase Chain: B: PDB Molecule: acetyl-coa carboxylase; PDBTitle: bovine acc2 ct domain in complex with inhibitor
21	c1od4C_	Alignment	not modelled	100.0	19	PDB header: ligase Chain: C: PDB Molecule: acetyl-coenzyme a carboxylase; PDBTitle: acetyl-coa carboxylase carboxyltransferase domain
22	c3ff6D_	Alignment	not modelled	100.0	23	PDB header: ligase Chain: D: PDB Molecule: acetyl-coa carboxylase 2; PDBTitle: human acc2 ct domain with cp-640186
23	c1uytC_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: C: PDB Molecule: acetyl-coa carboxylase; PDBTitle: acetyl-coa carboxylase carboxyltransferase domain
24	c5i6fA_	Alignment	not modelled	100.0	20	PDB header: ligase Chain: A: PDB Molecule: acetyl-coa carboxylase-like protein; PDBTitle: crystal structure of c-terminal variant 1 of chaetomium thermophilum2 acetyl-coa carboxylase
25	c5i6fB_	Alignment	not modelled	100.0	20	PDB header: ligase Chain: B: PDB Molecule: acetyl-coa carboxylase-like protein; PDBTitle: crystal structure of c-terminal variant 1 of chaetomium thermophilum2 acetyl-coa carboxylase
26	c5i6hA_	Alignment	not modelled	100.0	20	PDB header: ligase Chain: A: PDB Molecule: acetyl-coa carboxylase-like protein; PDBTitle: crystal structure of cd-ct domains of chaetomium thermophilum acetyl-2 coa carboxylase
27	c5cskB_	Alignment	not modelled	100.0	19	PDB header: ligase Chain: B: PDB Molecule: acetyl-coa carboxylase; PDBTitle: crystal structure of yeast acetyl-coa carboxylase, unbiotinylated
28	c6g2dC_	Alignment	not modelled	100.0	22	PDB header: ligase Chain: C: PDB Molecule: acetyl-coa carboxylase 1; PDBTitle: citrate-induced acetyl-coa carboxylase (acc-cit) filament at 5.4 a2 resolution
						PDB header: ligase

29	c5cslA_	Alignment	not modelled	100.0	20	Chain: A; PDB Molecule: acetyl-coa carboxylase; PDBTitle: crystal structure of the 500 kd yeast acetyl-coa carboxylase2 holoenzyme dimer
30	d1xnaya1	Alignment	not modelled	100.0	54	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
31	d2a7sa1	Alignment	not modelled	100.0	49	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
32	d1on3a1	Alignment	not modelled	100.0	46	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
33	d1pixa3	Alignment	not modelled	100.0	24	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
34	d1on3a2	Alignment	not modelled	100.0	45	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
35	d1vrqa2	Alignment	not modelled	100.0	46	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
36	d2a7sa2	Alignment	not modelled	100.0	48	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
37	d1xnaya2	Alignment	not modelled	100.0	48	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
38	d1vrqa1	Alignment	not modelled	100.0	45	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
39	d1pixa2	Alignment	not modelled	100.0	22	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
40	d2f9yb1	Alignment	not modelled	100.0	24	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
41	c2f9yB_	Alignment	not modelled	100.0	24	PDB header: ligase Chain: B; PDB Molecule: acetyl-coenzyme a carboxylase carboxyl transferase subunit PDBTitle: the crystal structure of the carboxyltransferase subunit of acc from2 escherichia coli
42	c5vipB_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: B; PDB Molecule: mdcd; PDBTitle: crystal structure of pseudomonas malonate decarboxylase mdcd-mdce2 hetero-dimer
43	d1uyra1	Alignment	not modelled	100.0	20	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
44	d1uyra2	Alignment	not modelled	100.0	20	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
45	c2f9iD_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: D; PDB Molecule: acetyl-coenzyme a carboxylase carboxyl transferase subunit PDBTitle: crystal structure of the carboxyltransferase subunit of acc from2 staphylococcus aureus
46	d2f9ya1	Alignment	not modelled	100.0	25	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Biotin dependent carboxylase carboxyltransferase domain
47	c2f9iC_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: C; PDB Molecule: acetyl-coenzyme a carboxylase carboxyl transferase subunit PDBTitle: crystal structure of the carboxyltransferase subunit of acc from2 staphylococcus aureus
48	c5vj1M_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: M; PDB Molecule: mdce; PDBTitle: crystal structure of a pseudomonas malonate decarboxylase hetero-2 tetramer in complex with coenzyme a
49	c4hnkl_	Alignment	not modelled	99.1	12	PDB header: hydrolase Chain: I; PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: crystal structure of an enzyme
50	c3bezC_	Alignment	not modelled	99.0	19	PDB header: hydrolase Chain: C; PDB Molecule: protease 4; PDBTitle: crystal structure of escherichia coli signal peptide peptidase (sppa),2 semet crystals
51	c3r6hA_	Alignment	not modelled	98.6	14	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase, echa3; PDBTitle: crystal structure of an enoyl-coa hydratase (echa3) from mycobacterium2 marinum
52	d2fw2a1	Alignment	not modelled	98.5	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
53	d2f6ia1	Alignment	not modelled	98.5	19	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
54	c4jfcA_	Alignment	not modelled	98.5	10	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of a enoyl-coa hydratase from polaromonas sp. js666
55	c4fwuD_	Alignment	not modelled	98.5	13	PDB header: isomerase/lyase Chain: D; PDB Molecule: 1,2-epoxyphenylacetyl-coa isomerase;

55	c4zwb_	Alignment	not modelled	98.3	13	PDBTitle: crystal structure of the paaf-paag hydratase-isomerase complex from2 e.coli PDB header: lyase
56	c5jxbB_	Alignment	not modelled	98.4	12	Chain: B; PDB Molecule: 3-hydroxybutyryl-coa dehydratase; PDBTitle: crystal structure of liuc in complex with coenzyme a and malonic acid
57	d1q52a_	Alignment	not modelled	98.4	15	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
58	c4jcsA_	Alignment	not modelled	98.4	20	PDB header: lyase Chain: A; PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of enoyl-coa hydratase/isomerase from cupriavidus2 metallidurans ch34
59	d1wz8a1	Alignment	not modelled	98.4	13	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
60	c2f6qA_	Alignment	not modelled	98.4	12	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)
61	c3i47A_	Alignment	not modelled	98.4	13	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
62	c2fbmB_	Alignment	not modelled	98.4	13	PDB header: structural genomics, unknown function Chain: B; PDB Molecule: y chromosome chromodomain protein 1, telomeric isoform b; PDBTitle: acetyltransferase domain of cdy1
63	d1uiya_	Alignment	not modelled	98.4	16	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
64	c4olqD_	Alignment	not modelled	98.4	17	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
65	d1xx4a_	Alignment	not modelled	98.4	13	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
66	c5zaiB_	Alignment	not modelled	98.4	12	PDB header: hydrolase Chain: B; PDB Molecule: 3-hydroxypropionyl-coenzyme a dehydratase; PDBTitle: crystal structure of 3-hydroxypropionyl-coa dehydratase from2 metallosphaera sedula
67	c2f6iG_	Alignment	not modelled	98.3	17	PDB header: hydrolase Chain: G; PDB Molecule: atp-dependent clp protease, putative; PDBTitle: crystal structure of the clpp protease catalytic domain from2 plasmodium falciparum
68	c3peaD_	Alignment	not modelled	98.3	14	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'
69	d1nzya_	Alignment	not modelled	98.3	15	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
70	c4iyjA_	Alignment	not modelled	98.3	16	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
71	d1rjma_	Alignment	not modelled	98.3	18	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
72	c5z7rA_	Alignment	not modelled	98.3	12	PDB header: lyase Chain: A; PDB Molecule: short-chain-enoyl-coa hydratase; PDBTitle: crystal structure of crotonase from clostridium acetobutylicum
73	c4kpkA_	Alignment	not modelled	98.3	22	PDB header: isomerase Chain: A; PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a enoyl-coa hydratase from shewanella pealeana2 atcc 700345
74	c2vx2D_	Alignment	not modelled	98.3	10	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)
75	d1yg6a1	Alignment	not modelled	98.3	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
76	c3rrvC_	Alignment	not modelled	98.3	13	PDB header: isomerase Chain: C; PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 mycobacterium paratuberculosis
77	d2cbya1	Alignment	not modelled	98.3	18	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
78	c4lk5B_	Alignment	not modelled	98.3	18	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
79	c3fduF_	Alignment	not modelled	98.3	17	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
80	d2f6qa1	Alignment	not modelled	98.3	11	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
81	c1y7oE	Alignment	not modelled	98.3	18	PDB header: hydrolase Chain: E: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: the structure of streptococcus pneumoniae a153p clpp
82	c3isaA	Alignment	not modelled	98.2	11	PDB header: hydrolase Chain: A: PDB Molecule: putative enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of putative enoyl-coa hydratase/isomerase from2 bordetella parapertussis
83	c3p2ID	Alignment	not modelled	98.2	17	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
84	c4jqcU	Alignment	not modelled	98.2	10	PDB header: hydrolase Chain: U: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: clpp1 from listeria monocytogenes
85	c4izbB	Alignment	not modelled	98.2	11	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
86	c3p5mB	Alignment	not modelled	98.2	19	PDB header: isomerase Chain: B: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of an enoyl-coa hydratase/isomerase from2 mycobacterium avium
87	c4di1A	Alignment	not modelled	98.2	13	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase echa17; PDBTitle: crystal structure of enoyl-coa hydratase echa17 from mycobacterium2 marinum
88	c2ej5B	Alignment	not modelled	98.2	14	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
89	c4jvtA	Alignment	not modelled	98.2	15	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
90	c2d3tB	Alignment	not modelled	98.2	12	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
91	c3q1tB	Alignment	not modelled	98.2	16	PDB header: lyase Chain: B: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from mycobacterium avium
92	c4jylE	Alignment	not modelled	98.2	14	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from thermoplasma volcanium2 gss1
93	c5yloA	Alignment	not modelled	98.2	17	PDB header: hydrolase Chain: A: PDB Molecule: probable enoyl-coa hydratase/isomerase; PDBTitle: structural of pseudomonas aeruginosa pa4980
94	c4kd6A	Alignment	not modelled	98.2	20	PDB header: isomerase Chain: A: PDB Molecule: enoyl-coa hydratase/isomerase; PDBTitle: crystal structure of a enoyl-coa hydratase/isomerase from burkholderia2 graminis c4d1m
95	c3oc7A	Alignment	not modelled	98.2	15	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of an enoyl-coa hydratase from mycobacterium avium
96	c3q7hM	Alignment	not modelled	98.2	15	PDB header: hydrolase Chain: M: PDB Molecule: atp-dependent clp protease proteolytic subunit; PDBTitle: structure of the clpp subunit of the atp-dependent clp protease from2 coxiella burnetii
97	c4k2nA	Alignment	not modelled	98.2	12	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
98	d1y7oa1	Alignment	not modelled	98.2	18	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Clp protease, ClpP subunit
99	c4nekD	Alignment	not modelled	98.2	19	PDB header: isomerase Chain: D: PDB Molecule: enoyl-coa hydratase/carnithine racemase; PDBTitle: putative enoyl-coa hydratase/carnithine racemase from magnetospirillum2 magneticum amb-1
100	c2q35A	Alignment	not modelled	98.2	10	PDB header: lyase Chain: A: PDB Molecule: curf; PDBTitle: crystal structure of the y82f variant of ech2 decarboxylase domain of2 curf from lnygbya majuscula
101	d1wdka4	Alignment	not modelled	98.2	13	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
102	c2cbyG	Alignment	not modelled	98.1	18	PDB header: hydrolase Chain: G: PDB Molecule: atp-dependent clp protease proteolytic subunit 1; PDBTitle: crystal structure of the atp-dependent clp protease proteolytic2 subunit 1 (clpp1) from mycobacterium tuberculosis
103	c3g64A	Alignment	not modelled	98.1	18	PDB header: lyase Chain: A: PDB Molecule: putative enoyl-coa hydratase; PDBTitle: crystal structure of putative enoyl-coa hydratase from streptomyces2 coelicolor a3(2)
104	d2a7ka1	Alignment	not modelled	98.1	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase

						Family: Crotonase-like
105	c3hrxD_	Alignment	not modelled	98.1	15	PDB header: lyase Chain: D: PDB Molecule: probable enoyl-coa hydratase; PDBTitle: crystal structure of phenylacetic acid degradation protein paag
106	c3hinA_	Alignment	not modelled	98.1	12	PDB header: lyase Chain: A: PDB Molecule: putative 3-hydroxybutyryl-coa dehydratase; PDBTitle: crystal structure of putative enoyl-coa hydratase from2 rhodospseudomonas palustris cga009
107	c4og1A_	Alignment	not modelled	98.1	14	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
108	d1pjha_	Alignment	not modelled	98.1	14	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
109	c3lkeA_	Alignment	not modelled	98.1	14	PDB header: lyase Chain: A: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydratase from bacillus halodurans
110	d1dcia_	Alignment	not modelled	98.1	16	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
111	c2lexA_	Alignment	not modelled	98.1	12	PDB header: lyase Chain: A: PDB Molecule: dihydroxynaphthoic acid synthetase; PDBTitle: crystal structure of dihydroxynaphthoic acid synthetase (gk2873) from2 geobacillus kaustophilus hta426
112	c3kqfC_	Alignment	not modelled	98.1	12	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.
113	c3omeE_	Alignment	not modelled	98.1	11	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of a probable enoyl-coa hydratase from mycobacterium2 smegmatis
114	c5wybB_	Alignment	not modelled	98.1	17	PDB header: isomerase Chain: B: PDB Molecule: probable enoyl-coa hydratase/isomerase; PDBTitle: structure of pseudomonas aeruginosa dspi
115	c2ppyE_	Alignment	not modelled	98.1	20	PDB header: lyase Chain: E: PDB Molecule: enoyl-coa hydratase; PDBTitle: crystal structure of enoyl-coa hydrates (gk_1992) from geobacillus2 kaustophilus hta426
116	c3ot6A_	Alignment	not modelled	98.1	12	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
117	c2j5iF_	Alignment	not modelled	98.0	15	PDB header: lyase Chain: F: PDB Molecule: p-hydroxycinnamoyl coa hydratase/lyase; PDBTitle: crystal structure of hydroxycinnamoyl-coa hydratase-lyase
118	c3h02F_	Alignment	not modelled	98.0	11	PDB header: lyase Chain: F: PDB Molecule: naphthoate synthase; PDBTitle: 2.15 angstrom resolution crystal structure of naphthoate synthase from2 salmonella typhimurium.
119	d1sg4a1	Alignment	not modelled	98.0	13	Fold: ClpP/crotonase Superfamily: ClpP/crotonase Family: Crotonase-like
120	c3t88A_	Alignment	not modelled	98.0	11	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