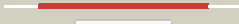



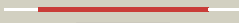



















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1665_(pks11)_1891233_1892294
Date	Fri Aug 2 13:30:26 BST 2019
Unique Job ID	2c39f8729a38d871

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4jatB_	 Alignment		100.0	100	PDB header: transferase Chain: B: PDB Molecule: alpha-pyrone synthesis polyketide synthase-like pks11; PDBTitle: crystal structure of mycobacterium tuberculosis pks11 reveals2 intermediates in the synthesis of methyl-branched alkylpyrones
2	c1u0mA_	 Alignment		100.0	29	PDB header: biosynthetic protein Chain: A: PDB Molecule: putative polyketide synthase; PDBTitle: crystal structure of 1,3,6,8-tetrahydroxynaphthalene synthase (thns)2 from streptomyces coelicolor a3(2): a bacterial type iii polyketide3 synthase (pks) provides insights into enzymatic control of reactive4 polyketide intermediates
3	c3v7iA_	 Alignment		100.0	23	PDB header: transferase, lyase Chain: A: PDB Molecule: putative polyketide synthase; PDBTitle: germicidin synthase (gcs) from streptomyces coelicolor, a type iii2 polyketide synthase
4	c1cmlA_	 Alignment		100.0	26	PDB header: transferase Chain: A: PDB Molecule: protein (chalcone synthase); PDBTitle: chalcone synthase from alfalfa complexed with malonyl-coa
5	c3aleB_	 Alignment		100.0	25	PDB header: transferase Chain: B: PDB Molecule: os07g0271500 protein; PDBTitle: a type iii polyketide synthase that produces diarylheptanoid
6	c5wc4A_	 Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: bis3 biphenyl synthase; PDBTitle: crystal structure of biphenyl synthase from malus domestic complexed2 with benzoyl-coa
7	c1ee0A_	 Alignment		100.0	26	PDB header: transferase Chain: A: PDB Molecule: 2-pyrone synthase; PDBTitle: 2-pyrone synthase complexed with acetoacetyl-coa
8	c4b0nB_	 Alignment		100.0	28	PDB header: transferase Chain: B: PDB Molecule: polyketide synthase iii; PDBTitle: crystal structre of pks-i from the brown algae ectocarpus siliculosus
9	c3a5qA_	 Alignment		100.0	24	PDB header: transferase Chain: A: PDB Molecule: benzalacetone synthase; PDBTitle: benzalacetone synthase from rheum palmatum
10	c2h84A_	 Alignment		100.0	27	PDB header: biosynthetic protein, transferase Chain: A: PDB Molecule: steely1; PDBTitle: crystal structure of the c-terminal type iii polyketide synthase (pks2 iii) domain of 'steely1' (a type i/iii pks hybrid from dictyostelium)
11	c3oitB_	 Alignment		100.0	26	PDB header: transferase Chain: B: PDB Molecule: os07g0271500 protein; PDBTitle: crystal structure of curcuminoid synthase cus from oryza sativa

12	c3e1hA_	Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of a type iii polyketide synthase pksiinc from <i>Neurospora crassa</i>
13	c1xetD_	Alignment		100.0	26	PDB header: transferase Chain: D: PDB Molecule: dihydropinosylvin synthase; PDBTitle: crystal structure of stilbene synthase from <i>Pinus sylvestris</i> , 2 complexed with methylmalonyl coa
14	c5ucoB_	Alignment		100.0	25	PDB header: transferase Chain: B: PDB Molecule: 2,4,6-trihydroxybenzophenone synthase; PDBTitle: benzophenone synthase from <i>Hypericum androsaemum</i>
15	d1teda_	Alignment		100.0	29	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
16	c5yptA_	Alignment		100.0	29	PDB header: transferase Chain: A: PDB Molecule: stilbenecarboxylate synthase 1; PDBTitle: crystal structure of marchantia paleacea chalone synthase like 12 (chsl1)
17	c2p0uB_	Alignment		100.0	26	PDB header: transferase Chain: B: PDB Molecule: stilbenecarboxylate synthase 2; PDBTitle: crystal structure of marchantia polymorpha stilbenecarboxylate2 synthase 2 (stcs2)
18	c3euoB_	Alignment		100.0	25	PDB header: transferase Chain: B: PDB Molecule: type iii pentaketide synthase; PDBTitle: crystal structure of a fungal type iii polyketide synthase, 2 oras
19	c3ov3A_	Alignment		100.0	26	PDB header: transferase Chain: A: PDB Molecule: curcumin synthase; PDBTitle: g211f mutant of curcumin synthase 1 from <i>Curcuma longa</i>
20	c3wd8D_	Alignment		100.0	25	PDB header: transferase Chain: D: PDB Molecule: type iii polyketide synthase quinolone synthase; PDBTitle: typeiii polyketide synthases
21	c3wy0A_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein csyb; PDBTitle: the i375w mutant of csyb complexed with coa-sh
22	c6dxfB_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: B: PDB Molecule: chalcone synthase; PDBTitle: crystal structure of chalcone synthase from <i>Selaginella moellendorffii</i> 2 - hydrogen peroxide treated
23	c2d3mA_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: pentaketide chromone synthase; PDBTitle: pentaketide chromone synthase complexed with coenzyme a
24	c5wx3C_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: C: PDB Molecule: alkyldiketide-coa synthase; PDBTitle: alkyldiketide-coa synthase from <i>Evodia rutaecarpa</i>
25	c3tsyA_	Alignment	not modelled	100.0	28	PDB header: ligase, transferase Chain: A: PDB Molecule: fusion protein 4-coumarate--coa ligase 1, resveratrol PDBTitle: 4-coumaroyl-coa ligase::stilbene synthase fusion protein
26	c5yo9A_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-(acp)] synthase iii c terminal PDBTitle: crystal structure of kas iii from <i>Acinetobacter baumannii</i>
27	c6a9nA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of kas iii from <i>Propionibacterium acnes</i>
28	c4x0oG_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: G: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3 protein 2; PDBTitle: beta-ketoacyl-(acyl carrier protein) synthase iii-2 (fabh2) from <i>Vibrio cholerae</i> soaked with acetyl-coa

29	c4efiA_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-(acyl-carrier protein) synthase; PDBTitle: crystal structure of 3-oxoacyl-(acyl-carrier protein) synthase from <i>Burkholderia xenovorans</i> lb400
30	c3fk5A_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-synthase iii; PDBTitle: crystal structure of 3-oxoacyl-(acyl carrier protein)2 synthase iii, fabh (xoo4209) from <i>Xanthomonas oryzae</i> pv.3 oryzae kacc10331
31	c1mzjB_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacylsynthase iii; PDBTitle: crystal structure of the priming beta-ketosynthase from the 2_r1128 polyketide biosynthetic pathway
32	c4dfeB_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase iii2 from <i>Burkholderia xenovorans</i>
33	c3h76A_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: pqs biosynthetic enzyme; PDBTitle: crystal structure of pqsD, a key enzyme in <i>Pseudomonas aeruginosa</i> quinolone signal biosynthesis pathway
34	c3gwaA_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-(acyl-carrier-protein) synthase iii; PDBTitle: 1.6 angstrom crystal structure of 3-oxoacyl-(acyl-carrier-protein)2 synthase iii
35	c5dwzC_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: C: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: structural and functional characterization of pqsbc, a condensing2 enzyme in the biosynthesis of the <i>Pseudomonas aeruginosa</i> quinolone3 signal
36	c3ledA_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-acyl carrier protein synthase iii; PDBTitle: crystal structure of 3-oxoacyl-(acyl carrier protein) synthase iii2 from <i>Rhodospseudomonas palustris</i> cga009
37	c3il3A_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: structure of <i>Haemophilus influenzae</i> fabh
38	c4v2pB_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: ketosynthase; PDBTitle: ketosynthase mxnb
39	c2qnxA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of the complex between the <i>Mycobacterium</i> beta-2 ketoacyl-acyl carrier protein synthase iii (fabh) and 11-3 [(decyloxy carbonyl)dithio]-undecanoic acid
40	c4rybA_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of beta-ketoacyl-ACP synthase iii (fabh) from <i>Neisseria meningitidis</i>
41	c4ewpD_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: D: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of fabh from <i>Micrococcus luteus</i>
42	c5mg5P_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: P: PDB Molecule: hydroxymethylglutaryl-coa synthase; PDBTitle: a multi-component acyltransferase phlabc from <i>Pseudomonas protegens</i> 2 soaked with the monoacetylphloroglucinol (magp)
43	c5gk2A_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: ketosynthase stld; PDBTitle: the structure of the h302a mutant of stld
44	c3il5D_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: D: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: structure of <i>E. faecalis</i> fabh in complex with 2-(4-bromo-3-2 [(diethylamino)sulfonyl]benzoyl)amino)benzoic acid
45	c2gyoB_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: methanethiol-cys 112 inhibition complex of <i>E. coli</i> ketoacyl synthase2 iii (fabh) and coenzyme a
46	c2x3eA_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of 3-oxoacyl-(acyl carrier protein) synthase iii,2 fabh from <i>Pseudomonas aeruginosa</i> pao1
47	c2ebdB_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase iii2 from <i>Aquifex aeolicus</i> vf5
48	c1ub7A_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier protein] synthase; PDBTitle: the crystal analysis of beta-ketoacyl-[acyl carrier protein] synthase2 iii (fabh)from <i>Thermus thermophilus</i> .
49	c1zowB_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase iii; PDBTitle: crystal structure of <i>S. aureus</i> fabh, beta-ketoacyl carrier protein2 synthase iii
50	c3vs9F_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: F: PDB Molecule: type iii polyketide synthase; PDBTitle: crystal structure of type iii pks arsc mutant
						PDB header: transferase Chain: A: PDB Molecule: 3-hydroxy-3-methylglutaryl coenzyme a

51	c2f9aA	Alignment	not modelled	100.0	14	synthase 1; PDBTitle: hmg-coa synthase from brassica juncea in complex with f-244
52	c5bqsA	Alignment	not modelled	100.0	18	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: s. pneumoniae fabh with small molecule inhibitor 4
53	c3s3lB	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: cerj; PDBTitle: crystal structure of cerj from streptomyces tendae
54	c1x9eB	Alignment	not modelled	100.0	17	PDB header: lyase Chain: B: PDB Molecule: hmg-coa synthase; PDBTitle: crystal structure of hmg-coa synthase from enterococcus2 faecalis
55	c4xsbB	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: daunorubicin-doxorubicin polyketide synthase; PDBTitle: determining the molecular basis for starter unit selection during2 daunorubicin biosynthesis
56	c2v4wB	Alignment	not modelled	100.0	17	PDB header: transferase Chain: B: PDB Molecule: hydroxymethylglutaryl-coa synthase, PDBTitle: crystal structure of human mitochondrial 3-hydroxy-3-2 methylglutaryl-coenzyme a synthase 2 (hmgcs2)
57	c2p8uB	Alignment	not modelled	100.0	17	PDB header: transferase Chain: B: PDB Molecule: hydroxymethylglutaryl-coa synthase, cytoplasmic; PDBTitle: crystal structure of human 3-hydroxy-3-methylglutaryl coa synthase i
58	c1txtB	Alignment	not modelled	100.0	16	PDB header: lyase Chain: B: PDB Molecule: 3-hydroxy-3-methylglutaryl-coa synthase; PDBTitle: staphylococcus aureus 3-hydroxy-3-methylglutaryl-coa2 synthase
59	c5kp8A	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: curd; PDBTitle: crystal structure of the curacin biosynthetic pathway hmg synthase in2 complex with acetyl donor-acp
60	c3lehA	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: putative hydroxymethylglutaryl-coa synthase; PDBTitle: the crystal structure of smu.943c from streptococcus mutans ua159
61	c5hwrA	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: hydroxymethylglutaryl-coa synthase; PDBTitle: mvas in complex with coenzyme a
62	c6esql	Alignment	not modelled	100.0	18	PDB header: transferase Chain: I: PDB Molecule: hydroxymethylglutaryl-coa synthase; PDBTitle: structure of the acetoacetyl-coa thiolase/hmg-coa synthase complex2 from methanothermococcus thermolithotrophicus soaked with acetyl-coa
63	d1u0ma1	Alignment	not modelled	100.0	31	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
64	d1bi5a1	Alignment	not modelled	100.0	25	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
65	d1ee0a1	Alignment	not modelled	100.0	25	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
66	d1u0ua1	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
67	c5dwzA	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-(acyl carrier protein) synthase iii; PDBTitle: structural and functional characterization of pqsb, a condensing2 enzyme in the biosynthesis of the pseudomonas aeruginosa quinolone3 signal
68	d1u0va1	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
69	d1mzja1	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
70	d1ub7a1	Alignment	not modelled	100.0	19	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
71	d1hnja1	Alignment	not modelled	100.0	21	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
72	d1xpm1	Alignment	not modelled	100.0	17	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
73	d1u6ea1	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
74	d1u0ma2	Alignment	not modelled	100.0	28	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
75	d1u0ua2	Alignment	not modelled	100.0	28	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
76	d1ee0a2	Alignment	not modelled	100.0	27	Fold: Thiolase-like Superfamily: Thiolase-like

						Family: Chalcone synthase-like
77	d1bi5a2	Alignment	not modelled	100.0	28	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
78	c4e1lC	Alignment	not modelled	100.0	22	PDB header: transferase Chain: C: PDB Molecule: acetoacetyl-coa thiolase 2; PDBTitle: crystal structure of acetoacetyl-coa thiolase (thla2) from clostridium2 difficile
79	c6ok1A	Alignment	not modelled	100.0	20	PDB header: transport protein Chain: A: PDB Molecule: lipid-transfer protein; PDBTitle: ltp2-chsh2(duf35) aldolase
80	c2iikA	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase, peroxisomal; PDBTitle: crystal structure of human peroxisomal acetyl-coa acyl transferase 12 (acaa1)
81	c4dd5A	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase (thla1) from clostridium difficile
82	d1hnia2	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
83	c2vu2D	Alignment	not modelled	100.0	18	PDB header: transferase Chain: D: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase from z. ramigera. complex with s-pantetheine-11-2 pivalate.
84	d1mzja2	Alignment	not modelled	99.9	20	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
85	c4c2jA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase, mitochondrial; PDBTitle: crystal structure of human mitochondrial 3-ketoacyl-coa2 thiolase in complex with coa
86	d1u6ea2	Alignment	not modelled	99.9	20	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
87	d1ub7a2	Alignment	not modelled	99.9	21	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
88	c4n45B	Alignment	not modelled	99.9	22	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of reduced form of thiolase from clostridium2 acetobutylicum
89	c4wysB	Alignment	not modelled	99.9	22	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of thiolase from escherichia coli
90	c6aqpA	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: aspergillus fumigatus cytosolic thiolase: acetylated enzyme in complex2 with coa and potassium ions
91	c2c7yB	Alignment	not modelled	99.9	23	PDB header: transferase Chain: B: PDB Molecule: 3-ketoacyl-coa thiolase 2; PDBTitle: plant enzyme
92	c3ss6B	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of the bacillus anthracis acetyl-coa2 acetyltransferase
93	c6bjbB	Alignment	not modelled	99.9	21	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase a; PDBTitle: crystal structure of acat2-c91s thiolase from ascaris suum in complex2 with propionyl-coa and nitrate
94	c4o9cC	Alignment	not modelled	99.9	21	PDB header: transferase Chain: C: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of beta-ketothiolase (phaa) from ralstonia eutropha2 h16
95	c2wuaA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: acetoacetyl coa thiolase; PDBTitle: structure of the peroxisomal 3-ketoacyl-coa thiolase from sunflower
96	c5lp7A	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of 3-ketoacyl-coa thiolase (mmga) from bacillus2 subtilis.
97	c3goaA	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase; PDBTitle: crystal structure of the salmonella typhimurium fada 3-ketoacyl-coa2 thiolase
98	c6bn2A	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of acetyl-coa acetyltransferase from elizabethkingia2 anophelis nuhp1
99	c4nzsA	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: beta-ketothiolase bktb; PDBTitle: crystal structure of beta-ketothiolase bktb b from ralstonia eutropha2 h16
100	c2ibyD	Alignment	not modelled	99.9	20	PDB header: transferase Chain: D: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystallographic and kinetic studies of human mitochondrial2 acetoacetyl-coa thiolase (t2): the importance of potassium and3 chloride for its structure and function
101	c4opfA	Alignment	not modelled	99.9	15	PDB header: ligase, transferase Chain: A: PDB Molecule: nrps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks8
102	c6bjaa	Alignment	not modelled	99.9	21	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase a; PDBTitle: crystal structure of acat5 thiolase from ascaris suum in

						complex with2 coenzyme a PDB header: transferase
103	c1ulqD_	Alignment	not modelled	99.9	20	Chain: D: PDB Molecule: putative acetyl-coa acetyltransferase; PDBTitle: crystal structure of tt0182 from thermus thermophilus hb8
104	c1wl5A_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: acetyl-coenzyme a acetyltransferase 2; PDBTitle: human cytosolic acetoacetyl-coa thiolase
105	c4ubwB_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase fada5; PDBTitle: apo structure of the 3-ketoacyl-coa thiolase fada5 from m.2 tuberculosis
106	c4u4eA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: thiolase; PDBTitle: crystal structure of putative thiolase from sphaerobacter thermophilus2 dsm 20745
107	c5e5nB_	Alignment	not modelled	99.9	16	PDB header: hydrolase Chain: B: PDB Molecule: polyketide synthase pks1; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from bacillus2 subtilis 168 (c167s mutant, crystal form 1)
108	c5e5nD_	Alignment	not modelled	99.9	15	PDB header: hydrolase Chain: D: PDB Molecule: polyketide synthase pks1; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from bacillus2 subtilis 168 (c167s mutant, crystal form 1)
109	c4qavB_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: the structure of beta-ketoacyl -(acyl carrier protein) synthase ii2 (fabf) from neisseria meningitidis
110	c5bp1A_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: mycocerosic acid synthase; PDBTitle: condensing di-domain (ks-at) of a mycocerosic acid synthase-like (mas-2 like) pks
111	c4opeD_	Alignment	not modelled	99.9	16	PDB header: ligase, transferase Chain: D: PDB Molecule: nrps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks7
112	c4wkyB_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacyl synthase; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmn ks2
113	c5ab6E_	Alignment	not modelled	99.9	19	PDB header: transport protein Chain: E: PDB Molecule: scp2-thiolase like protein; PDBTitle: crystal structure of trypanosoma brucei scp2-thiolase like2 protein (tbslp) in complex with acetoacetyl-coa.
114	c5bz4K_	Alignment	not modelled	99.9	24	PDB header: transferase Chain: K: PDB Molecule: beta-ketothiolase; PDBTitle: crystal structure of a t1-like thiolase (coa-complex) from2 mycobacterium smegmatis
115	c3hhdC_	Alignment	not modelled	99.9	14	PDB header: transferase, hydrolase Chain: C: PDB Molecule: fatty acid synthase; PDBTitle: structure of the human fatty acid synthase ks-mat didomain as a2 framework for inhibitor design.
116	c1afwB_	Alignment	not modelled	99.9	15	PDB header: thiolase Chain: B: PDB Molecule: 3-ketoacetyl-coa thiolase; PDBTitle: the 1.8 angstrom crystal structure of the dimeric2 peroxisomal thiolase of saccharomyces cerevisiae
117	c4tl2A_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: crystal structure of ketosynthase domain from mgsf from streptomcyes2 platensis
118	c5xyjA_	Alignment	not modelled	99.9	18	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: purification,crystallization and structural analysis of cytoplasmic2 acetoacetyl-coa thiolase from saccharomyces cerevisiae
119	c4mz0B_	Alignment	not modelled	99.9	14	PDB header: transferase Chain: B: PDB Molecule: curl1; PDBTitle: structure of a ketosynthase-acyltransferase di-domain from module curl2 of the curacin a polyketide synthase
120	c2qo3A_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: eryaii erythromycin polyketide synthase modules 3 and 4; PDBTitle: crystal structure of [ks3][at3] didomain from module 3 of 6-2 deoxyerthronolide b synthase