

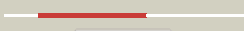
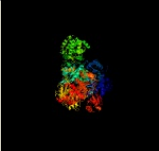



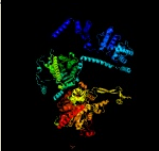

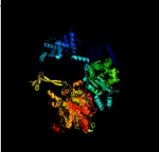



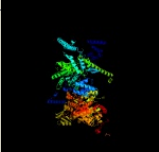

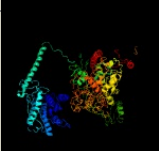












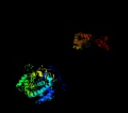
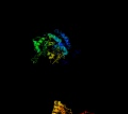



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD2524c_(fas)_2840133_2849342
Date	Wed Aug 7 12:50:15 BST 2019
Unique Job ID	d796821c6c71dfe9

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4b3yB_	 Alignment		100.0	78	PDB header: transferase Chain: B; PDB Molecule: fatty acid synthase; PDBTitle: cryo-em structure of the mycobacterial fatty acid synthase
2	c2uval_	 Alignment		100.0	32	PDB header: transferase Chain: I; PDB Molecule: fatty acid synthase beta subunits; PDBTitle: crystal structure of fatty acid synthase from thermomyces2 lanuginosus at 3.1 angstrom resolution. this file contains3 the beta subunits of the fatty acid synthase. the entire4 crystal structure consists of one heterododecameric fatty5 acid synthase and is described in remark 400
3	c2vkzH_	 Alignment		100.0	29	PDB header: transferase Chain: H; PDB Molecule: fatty acid synthase subunit beta; PDBTitle: structure of the cerulenin-inhibited fungal fatty acid synthase type i2 multienzyme complex
4	c3hmjB_	 Alignment		100.0	33	PDB header: transferase Chain: B; PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: saccharomyces cerevisiae fas type i
5	c2uv8C_	 Alignment		100.0	33	PDB header: transferase Chain: C; PDB Molecule: fatty acid synthase subunit alpha (fas2); PDBTitle: crystal structure of yeast fatty acid synthase with stalled2 acyl carrier protein at 3.1 angstrom resolution
6	c2vkzC_	 Alignment		100.0	34	PDB header: transferase Chain: C; PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structure of the cerulenin-inhibited fungal fatty acid synthase type i2 multienzyme complex
7	c2uv9B_	 Alignment		100.0	30	PDB header: transferase Chain: B; PDB Molecule: fatty acid synthase alpha subunits; PDBTitle: crystal structure of fatty acid synthase from thermomyces2 lanuginosus at 3.1 angstrom resolution. this file contains3 the alpha subunits of the fatty acid synthase. the entire4 crystal structure consists of one heterododecameric fatty5 acid synthase and is described in remark 400
8	c2pffA_	 Alignment		100.0	35	PDB header: transferase Chain: A; PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
9	c2pffD_	 Alignment		100.0	35	PDB header: transferase Chain: D; PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
10	c2pffG_	 Alignment		100.0	35	PDB header: transferase Chain: G; PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
11	c2vz8B_	 Alignment		100.0	19	PDB header: transferase Chain: B; PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase

12	c2vz8A_	Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase
13	c6fikA_	Alignment		100.0	32	PDB header: biosynthetic protein Chain: A: PDB Molecule: polyketide synthase; PDBTitle: acp2 crosslinked to the ks of the loading/condensing region of the2 ctb1 pks
14	c4kc5D_	Alignment		100.0	14	PDB header: transferase Chain: D: PDB Molecule: rhie protein; PDBTitle: crystal structure of the c-terminal part of rhie from burkholderia2 rhizoxinica
15	c4opeD_	Alignment		100.0	20	PDB header: ligase, transferase Chain: D: PDB Molecule: nrps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks7
16	c5e5nB_	Alignment		100.0	15	PDB header: hydrolase Chain: B: PDB Molecule: polyketide synthase pksj; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from bacillus2 subtilis 168 (c167s mutant, crystal form 1)
17	c2pffH_	Alignment		100.0	11	PDB header: transferase Chain: H: PDB Molecule: fatty acid synthase subunit beta; PDBTitle: structural insights of yeast fatty acid synthase
18	c2pffB_	Alignment		100.0	11	PDB header: transferase Chain: B: PDB Molecule: fatty acid synthase subunit beta; PDBTitle: structural insights of yeast fatty acid synthase
19	c2pffE_	Alignment		100.0	11	PDB header: transferase Chain: E: PDB Molecule: fatty acid synthase subunit beta; PDBTitle: structural insights of yeast fatty acid synthase
20	c5erB_	Alignment		100.0	15	PDB header: transferase Chain: B: PDB Molecule: polyketide synthase; PDBTitle: ketosynthase from module 5 of the bacillaene synthase from bacillus2 amyloliquefaciens fzb42
21	c4oqjA_	Alignment	not modelled	100.0	18	PDB header: hydrolase Chain: A: PDB Molecule: pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmq ks1
22	c4tkA_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: streptomcyes platensis isomigrastatin ketosynthase domain mgfs ks6
23	c4na3A_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: polyketide synthase pksj; PDBTitle: crystal structure of the second ketosynthase from the bacillaene2 polyketide synthase bound to a hexanoyl substrate mimic
24	c4qyrA_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: streptomcyes platensis isomigrastatin ketosynthase domain mgse ks3
25	c4tj2A_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: crystal structure of ketosynthase domain from mgfs from streptomcyes2 platensis
26	c4cw4A_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of the noncanonical ketosynthase faby2 from p. aeruginosa
27	c4mz0B_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: curl; PDBTitle: structure of a ketosynthase-acyltransferase di-domain from module curl2 of the curacin a polyketide synthase
28	c4wkyB_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacyl synthase; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase

						domain ozmn ks2
29	c4z37A	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: putative mixed polyketide synthase/non-ribosomal peptide PDBTitle: structure of the ketosynthase of module 2 of c0zgg5 (trans-at pks)2 from <i>brevibacillus brevis</i>
30	c2qo3A	Alignment	not modelled	100.0	20	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
31	c5elpA	Alignment	not modelled	100.0	16	PDB header: hydrolase Chain: A: PDB Molecule: nrps/pks protein; PDBTitle: ketosynthase from module 1 of the bacillaene synthase from <i>bacillus2 amyloliquefaciens fzb42</i>
32	c6c9uA	Alignment	not modelled	100.0	19	PDB header: transferase/immune system Chain: A: PDB Molecule: 6-deoxyerythronolide-b synthase erya2, modules 3 and 4; PDBTitle: crystal structure of [ks3][at3] didomain from module 3 of 6-2 deoxyerthronolide b synthase in complex with antibody fragment (fab)
33	c2hg4A	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: 6-deoxyerythronolide b synthase; PDBTitle: structure of the ketosynthase-acyltransferase didomain of module 52 from <i>debs</i> .
34	c5e5nD	Alignment	not modelled	100.0	14	PDB header: hydrolase Chain: D: PDB Molecule: polyketide synthase pksI; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from <i>bacillus2 subtilis 168 (c167s mutant, crystal form 1)</i>
35	c3hhdC	Alignment	not modelled	100.0	18	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.
36	c5bp1A	Alignment	not modelled	100.0	22	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
37	c4opfA	Alignment	not modelled	100.0	25	PDB header: ligase, transferase Chain: A: PDB Molecule: nrps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks8
38	c2iwyB	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase; PDBTitle: human mitochondrial beta-ketoacyl acp synthase
39	c1tqyC	Alignment	not modelled	100.0	22	PDB header: transferase Chain: C: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase I; PDBTitle: the actinorhodin ketosynthase/chain length factor
40	c4ls5A	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: crystal structure of beta-ketoacyl-acp synthase ii (fabf) from <i>2 bacillus subtilis</i>
41	c4jgaA	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: x-ray crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase 22 from <i>rickettsia rickettsii</i>
42	c2gqdB	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: the crystal structure of b-ketoacyl-acp synthase ii (fabf) from <i>2 staphylococcus aureus</i>
43	c4b7vA	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of wild type <i>pseudomonas aeruginosa fabf (kasii)</i>
44	c4qavB	Alignment	not modelled	100.0	27	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 <i>neisseria meningitidis</i>
45	c4ddoA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase ii from <i>2 burkholderia vietnamiensis</i>
46	c1j3nB	Alignment	not modelled	100.0	26	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-(acyl-carrier protein) synthase ii; PDBTitle: crystal structure of 3-oxoacyl-(acyl-carrier protein)2 synthase ii from <i>thermus thermophilus hb8</i>
47	c3o04A	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: beta-keto-acyl carrier protein synthase ii; PDBTitle: crystal structure of the beta-keto-acyl carrier protein synthase ii2 (lmo2201) from <i>listeria monocytogenes</i>
48	c3e60A	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase ii; PDBTitle: crystal structure of 3-oxoacyl-(acyl carrier protein) synthase ii from <i>2 bartonella henselae</i>
49	c1e5mA	Alignment	not modelled	100.0	24	PDB header: condensing enzyme Chain: A: PDB Molecule: beta ketoacyl acyl carrier protein synthase ii; PDBTitle: beta ketoacyl acyl carrier protein synthase ii (kasii) from <i>2 synechocystis sp.</i>
50	c2ix4B	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase; PDBTitle: arabidopsis thaliana mitochondrial beta-ketoacyl acp synthase hexanoic2 acid complex
						PDB header: transferase Chain: D: PDB Molecule: beta ketoacyl-acyl carrier protein

51	c1oxhD	Alignment	not modelled	100.0	19	synthase; PDBTitle: the crystal structure of beta-ketoacyl-[acyl carrier protein] synthase2 ii from streptococcus pneumoniae, triclinic form
52	c2gp6B	Alignment	not modelled	100.0	25	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: x-ray crystal structure of mycobacterium tuberculosis beta-ketoacyl2 acyl carrier protein synthase ii (mtkasb)
53	c2gfvA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of e. coli fabf (kasi) c163q mutant
54	c2wggA	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 1; PDBTitle: crystal structure of mycobacterium tuberculosis c171q kasa2 variant with bound tlm
55	c4ewgA	Alignment	not modelled	100.0	21	Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of a beta-ketoacyl synthase from burkholderia2 phymatum stm815
56	c2buiC	Alignment	not modelled	100.0	23	PDB header: synthase Chain: C: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase i; PDBTitle: e.coli beta-ketoacyl (acyl carrier protein) synthase i in2 complex with octanoic acid, 120k
57	c3lrfA	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of beta-ketoacyl synthase from brucella2 melitensis
58	c1tqyD	Alignment	not modelled	100.0	19	PDB header: transferase Chain: D: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase 2; PDBTitle: the actinorhodin ketosynthase/chain length factor
59	c6qspA	Alignment	not modelled	100.0	19	PDB header: biosynthetic protein Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: ketosynthase (apeo) in complex with its chain length factor (apec)2 from xenorhabdus doucetiae
60	c6iytA	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: type i modular polyketide synthase; PDBTitle: crystal structure of the acyltransferase domain from second module 142 of salinomycin polyketide synthase
61	c3tzzA	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: polyketide synthase pks13; PDBTitle: crystal structure of a fragment containing the acyltransferase domain2 of pks13 from mycobacterium tuberculosis in the carboxypalmitoylated3 form at 2.5 a
62	c2jfkD	Alignment	not modelled	100.0	16	PDB header: transferase Chain: D: PDB Molecule: fatty acid synthase; PDBTitle: structure of the mat domain of human fas with malonyl-coa
63	c6iyrA	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: type i modular polyketide synthase; PDBTitle: crystal structure of the acyltransferase domain from module 8 of the2 salinomycin polyketide synthase
64	c3im8A	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: malonyl acyl carrier protein transacylase; PDBTitle: crystal structure of mcat from streptococcus pneumoniae
65	c3eenA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of malonyl-coa:acyl carrier protein transacylase2 (fabd), xoo0880, from xanthomonas oryzae pv. oryzae kacc10331
66	c4rl1A	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: type i polyketide synthase aves 1; PDBTitle: structural and functional analysis of a loading acyltransferase from2 the avermectin modular polyketide synthase
67	c3rgiA	Alignment	not modelled	100.0	30	PDB header: transferase Chain: A: PDB Molecule: disd protein; PDBTitle: trans-acting transferase from disorazole synthase
68	c4qbuA	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: zmaa; PDBTitle: structure of the acyl transferase domain of zmaa
69	c3ptwA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of malonyl coa-acyl carrier protein transacylase2 from clostridium perfringens atcc 13124
70	c5ypvA	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of fabd from acinetobacter baumannii
71	c3tqeA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: malonyl-coa-[acyl-carrier-protein] transacylase; PDBTitle: structure of the malonyl coa-acyl carrier protein transacylase (fabd)2 from coxiella burnetii
72	c6iyoA	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: type i modular polyketide synthase; PDBTitle: crystal structure of the acyltransferase domain from the second module2 of the salinomycin polyketide synthase
73	c5ydmA	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: pks; PDBTitle: the crystal structure of the acyl transferase domain of spnd complex2 with benzylmalonyl
74	c2g2oA	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: structure of e.coli fabd complexed with sulfate
75	c3im9A	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase;

						PDBTitle: crystal structure of mcat from staphylococcus aureus PDB header: transferase Chain: B: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: mycobacterium tuberculosis fabd
76	c2qj3B_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: the crystal structure of synechocystis sp. pcc 6803 malonyl-coa: acp2 transacylase
77	c4rr5A_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: B: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of acyl-carrier-protein-s-malonyltransferase from2 bartonella henselae
78	c3qatB_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of acyl-carrier-protein s-malonyltransferase from2 burkholderia pseudomallei 1710b
79	c3ezoA_	Alignment	not modelled	100.0	30	PDB header: transferase Chain: A: PDB Molecule: malonyl coenzyme a-acyl carrier protein transacylase; PDBTitle: crystal structure of malonyl-coa:acyl carrier protein transacylase2 (mcat) from helicobacter pylori
80	c2h1yA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-[acyl carrier protein] transacylase; PDBTitle: crystal structure of malonyl coa-acyl carrier protein transacylase2 from thermus thermophilus hb8
81	c2cuyA_	Alignment	not modelled	100.0	31	PDB header: transferase Chain: 9: PDB Molecule: acetyl transferase; PDBTitle: architecture of the thermomyces lanuginosus fungal fatty2 acid synthase at 5 angstrom resolution.
82	c2cdh9_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: C: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of a monomeric scp2-thiolase like protein type 12 (stlp1) from mycobacterium smegmatis
83	c4egvC_	Alignment	not modelled	100.0	15	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
84	d1tqya2	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: structure of human mitochondrial malonyltransferase
85	c2c2nA_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: polyketide biosynthesis protein pkse; PDBTitle: structural basis of acyl transfer in a trans-at polyketide synthase
86	c5dz7A_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: polyketide biosynthesis malonyl coa-acyl carrier protein PDBTitle: acyl transferase from bacillaene pks
87	c5dz6A_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of malonyl coa-acyl carrier protein transacylase2 from burkholderia pseudomallei using dried seaweed as nucleant or3 protease
88	c3g87A_	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A: PDB Molecule: malonyl-coa-[acyl-carrier-protein] transacylase; PDBTitle: the structure of vink
89	c5czcA_	Alignment	not modelled	100.0	18	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
90	d1tqyb2	Alignment	not modelled	100.0	23	Fold: FabD/lysophospholipase-like Superfamily: FabD/lysophospholipase-like Family: FabD-like
91	d1mlaa1	Alignment	not modelled	100.0	26	Fold: FabD/lysophospholipase-like Superfamily: FabD/lysophospholipase-like Family: FabD-like
92	d1nm2a1	Alignment	not modelled	100.0	26	Fold: FabD/lysophospholipase-like Superfamily: FabD/lysophospholipase-like Family: FabD-like
93	c4ammA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: dyne8; PDBTitle: crystal structure of the acyltransferase domain of the2 iterative polyketide synthase in enediyne biosynthesis3 reveals the molecular basis of substrate specificity
94	c4impB_	Alignment	not modelled	100.0	15	PDB header: transferase Chain: B: PDB Molecule: polyketide synthase extender modules 3-4; PDBTitle: the missing linker: a dimerization motif located within polyketide2 synthase modules
95	d2ix4a1	Alignment	not modelled	100.0	21	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
96	d1e5ma1	Alignment	not modelled	100.0	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
97	d2gfva1	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
98	c3mjsA_	Alignment	not modelled	100.0	16	PDB header: oxidoreductase Chain: A: PDB Molecule: amphb; PDBTitle: structure of a-type ketoreductases from modular polyketide synthase
99	d1ox0a1	Alignment	not modelled	100.0	15	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related

100	d1j3na1	Alignment	not modelled	100.0	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
101	d2vbaa1	Alignment	not modelled	100.0	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
102	d1j3na2	Alignment	not modelled	100.0	30	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
103	d1e5ma2	Alignment	not modelled	100.0	28	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
104	d2qfva2	Alignment	not modelled	100.0	27	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
105	d2ix4a2	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
106	c3qp9C_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: C: PDB Molecule: type i polyketide synthase pikaii; PDBTitle: the structure of a c2-type ketoreductase from a modular polyketide2 synthase
107	d1ox0a2	Alignment	not modelled	100.0	27	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
108	c2d3mA_	Alignment	not modelled	100.0	10	PDB header: transferase Chain: A: PDB Molecule: pentaketide chromone synthase; PDBTitle: pentaketide chromone synthase complexed with coenzyme a
109	c2fr1A_	Alignment	not modelled	100.0	15	PDB header: oxidoreductase Chain: A: PDB Molecule: erythromycin synthase, eryai; PDBTitle: the first ketoreductase of the erythromycin synthase2 (crystal form 2)
110	c6et9D_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: D: PDB Molecule: acetyl-coa acetyltransferase thiolase; PDBTitle: structure of the acetoacetyl-coa-thiolase/hmg-coa-synthase complex2 from methanothermococcus thermolithotrophicus at 2.75 a
111	c4l4xA_	Alignment	not modelled	100.0	14	PDB header: oxidoreductase Chain: A: PDB Molecule: amphi; PDBTitle: an a2-type ketoreductase from a modular polyketide synthase
112	c4u4eA_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: thiolase; PDBTitle: crystal structure of putative thiolase from sphaerobacter thermophilus2 dsm 20745
113	c6hspB_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: scp2-thiolase (type-1); PDBTitle: crystal structure of the zebrafish peroxisomal scp2-thiolase (type-1)2 in complex with coa and octanoyl-coa
114	c2z5lA_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: tylactone synthase starter module and modules 1 & 2; PDBTitle: the first ketoreductase of the tylosin pks
115	d2vbaa2	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
116	c5ab6E_	Alignment	not modelled	100.0	16	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.
117	c4di7A_	Alignment	not modelled	100.0	14	PDB header: oxidoreductase Chain: A: PDB Molecule: amphi; PDBTitle: structure of a2-type ketoreductase of modular polyketide synthases
118	c2wuaA_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: acetoacetyl coa thiolase; PDBTitle: structure of the peroxisomal 3-ketoacyl-coa thiolase from sunflower
119	c4hxyA_	Alignment	not modelled	100.0	12	PDB header: oxidoreductase Chain: A: PDB Molecule: plm1; PDBTitle: plmkr1-ketoreductase from the first module of phoslactomycin2 biosynthesis in streptomyces sp. hk803
120	c3kh8B_	Alignment	not modelled	100.0	17	PDB header: lyase Chain: B: PDB Molecule: maoc-like dehydratase; PDBTitle: crystal structure of maoc-like dehydratase from phytophthora capsici