







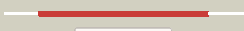















Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3556c_(fadA6)_3995983_3997143
Date	Fri Aug 9 18:20:23 BST 2019
Unique Job ID	11a299977e3cd678

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c5xyjA_	 Alignment		100.0	34	PDB header: transferase Chain: A; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: purification,crystallization and structural analysis of cytoplasmic2 acetoacetyl-coa thiolase from saccharomyces cerevisiae
2	c3ss6B_	 Alignment		100.0	36	PDB header: transferase Chain: B; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of the bacillus anthracis acetyl-coa2 acetyltransferase
3	c4wysB_	 Alignment		100.0	38	PDB header: transferase Chain: B; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of thiolase from escherichia coli
4	c4ubwB_	 Alignment		100.0	42	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
5	c2vu2D_	 Alignment		100.0	37	PDB header: transferase Chain: D; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase from z. ramigera. complex with s-pantetheine-11-2 pivalate.
6	c4nzsA_	 Alignment		100.0	37	PDB header: transferase Chain: A; PDB Molecule: beta-ketothiolase bktb; PDBTitle: crystal structure of beta-ketothiolase bktb b from ralstonia eutropha2 h16
7	c5bz4K_	 Alignment		100.0	35	PDB header: transferase Chain: K; PDB Molecule: beta-ketothiolase; PDBTitle: crystal structure of a t1-like thiolase (coa-complex) from2 mycobacterium smegmatis
8	c4dd5A_	 Alignment		100.0	35	PDB header: transferase Chain: A; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase (thla1) from clostridium difficile
9	c1ulqD_	 Alignment		100.0	41	PDB header: transferase Chain: D; PDB Molecule: putative acetyl-coa acetyltransferase; PDBTitle: crystal structure of tt0182 from thermus thermophilus hb8
10	c4o9cC_	 Alignment		100.0	37	PDB header: transferase Chain: C; PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of beta-ketothiolase (phaa) from ralstonia eutropha2 h16
11	c4c2jA_	 Alignment		100.0	38	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

12	c6bjbB_	Alignment		100.0	31	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
13	c4n45B_	Alignment		100.0	37	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of reduced form of thiolase from clostridium2 acetobutylicum
14	c5lp7A_	Alignment		100.0	33	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of 3-ketoacyl-coa thiolase (mmga) from bacillus2 subtilis.
15	c6bn2A_	Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of acetyl-coa acetyltransferase from elizabethkingia2 anophelis nuhp1
16	c5zrvH_	Alignment		100.0	35	PDB header: liase, oxidoreductase/transferase Chain: H: PDB Molecule: trifunctional enzyme subunit beta, mitochondrial; PDBTitle: structure of human mitochondrial trifunctional protein, octamer
17	c6aaqA_	Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: aspergillus fumigatus cytosolic thiolase: acetylated enzyme in complex2 with coa and potassium ions
18	c2ibyD_	Alignment		100.0	34	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
19	c6bjaA_	Alignment		100.0	31	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
20	c2d3tC_	Alignment		100.0	37	PDB header: lyase, oxidoreductase/transferase Chain: C: PDB Molecule: 3-ketoacyl-coa thiolase; PDBTitle: fatty acid beta-oxidation multienzyme complex from2 pseudomonas fragi, form v
21	c1wl5A_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: acetyl-coenzyme a acetyltransferase 2; PDBTitle: human cytosolic acetoacetyl-coa thiolase
22	c2wuaA_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: acetoacetyl coa thiolase; PDBTitle: structure of the peroxisomal 3-ketoacyl-coa thiolase from sunflower
23	c1afwB_	Alignment	not modelled	100.0	31	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
24	c2c7yB_	Alignment	not modelled	100.0	35	PDB header: transferase Chain: B: PDB Molecule: 3-ketoacyl-coa thiolase 2; PDBTitle: plant enzyme
25	c2iikA_	Alignment	not modelled	100.0	35	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase, peroxisomal; PDBTitle: crystal structure of human peroxisomal acetyl-coa acyl transferase 12 (acaal)
26	c4e1lC_	Alignment	not modelled	100.0	38	PDB header: transferase Chain: C: PDB Molecule: acetoacetyl-coa thiolase 2; PDBTitle: crystal structure of acetoacetyl-coa thiolase (thla2) from clostridium2 difficile
27	c3goaA_	Alignment	not modelled	100.0	38	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase; PDBTitle: crystal structure of the salmonella typhimurium fada 3-ketoacyl-coa2 thiolase
28	c3svkB_	Alignment	not modelled	100.0	42	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of acetyl-coa acetyltransferase from mycobacterium2 avium PDB header: transferase

29	c3zbgA	Alignment	not modelled	100.0	18	Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase-like protein; PDBTitle: crystal structure of wild-type scp2 thiolase from leishmania2 mexicana at 1.85 a
30	c6et9D	Alignment	not modelled	100.0	23	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
31	c6hspB	Alignment	not modelled	100.0	24	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
32	c6ok1A	Alignment	not modelled	100.0	16	PDB header: transport protein Chain: A: PDB Molecule: lipid-transfer protein; PDBTitle: ltp2-chsh2(duf35) aldolase
33	c5ab6E	Alignment	not modelled	100.0	16	PDB header: transport protein Chain: E: PDB Molecule: scp2-thiolase like protein; PDBTitle: crystal structure of the acetoacetyl-coa-thiolase/hmg-coa-synthase complex2 from methanothermococcus thermolithotrophicus at 2.75 a
34	c4u4eA	Alignment	not modelled	100.0	15	PDB header: transferase Chain: A: PDB Molecule: thiolase; PDBTitle: crystal structure of putative thiolase from sphaerobacter thermophilus2 dsm 20745
35	c5mg5R	Alignment	not modelled	100.0	17	PDB header: transferase Chain: R: PDB Molecule: 2,4-diacetylphloroglucinol biosynthesis protein phlc; PDBTitle: a multi-component acyltransferase phlabc from pseudomonas protegens2 soaked with the monoacetylphloroglucinol (magp)
36	c4egvC	Alignment	not modelled	100.0	16	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
37	c4yzoD	Alignment	not modelled	100.0	23	PDB header: transferase Chain: D: PDB Molecule: putative acyl-coa acyltransferase; PDBTitle: crystal structure analysis of thiolase-like protein, st0096 from2 sulfolobus tokodaii
38	d1m3ka1	Alignment	not modelled	100.0	32	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
39	d1ulqa1	Alignment	not modelled	100.0	39	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
40	d1afwa1	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
41	d1wdkc1	Alignment	not modelled	100.0	33	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
42	d1m3ka2	Alignment	not modelled	100.0	49	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
43	d1ulqa2	Alignment	not modelled	100.0	46	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
44	d1wdkc2	Alignment	not modelled	100.0	46	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
45	c1oxhD	Alignment	not modelled	100.0	20	PDB header: transferase Chain: D: PDB Molecule: beta ketoacyl-acyl carrier protein synthase; PDBTitle: the crystal structure of beta-ketoacyl-[acyl carrier protein] synthase2 ii from streptococcus pneumoniae, triclinic form
46	c4ewgA	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of a beta-ketoacyl synthase from burkholderia2 phymatum stm815
47	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 thermus thermophilus hb8
48	c2qfvA	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of e. coli fabf (kasii) c163q mutant
49	c1e5mA	Alignment	not modelled	100.0	18	PDB header: condensing enzyme Chain: A: PDB Molecule: beta ketoacyl acyl carrier protein synthase ii; PDBTitle: beta ketoacyl acyl carrier protein synthase ii (kasii) from2 synechocystis sp.
50	d1afwa2	Alignment	not modelled	100.0	41	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
51	c1tqyC	Alignment	not modelled	100.0	24	PDB header: transferase Chain: C: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase 1; PDBTitle: the actinorhodin ketosynthase/chain length factor
52	c4Is5A	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: crystal structure of beta-ketoacyl-acyl carrier protein synthase ii (fabf) from2 bacillus subtilis
53	c4b7vA	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of wild type pseudomonas aeruginosa fabf (kasii)

54	c2gqdB	Alignment	not modelled	100.0	20	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: the crystal structure of b-ketoacyl-acyl synthase ii (fabf) from2 staphylococcus aureus
55	c5erbB	Alignment	not modelled	100.0	24	PDB header: transferase Chain: B: PDB Molecule: polyketide synthase; PDBTitle: ketosynthase from module 5 of the bacillaene synthase from bacillus2 amyloliquefaciens fzb42
56	c5e5nB	Alignment	not modelled	100.0	17	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)
57	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
58	c4kc5D	Alignment	not modelled	100.0	26	PDB header: transferase Chain: D: PDB Molecule: rhie protein; PDBTitle: crystal structure of the c-terminal part of rhie from burkholderia2 rhizoxinica
59	c3e60A	Alignment	not modelled	100.0	23	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 from2 bartonella henselae
60	c4opeD	Alignment	not modelled	100.0	26	PDB header: ligase, transferase Chain: D: PDB Molecule: nrps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks7
61	c2qo3A	Alignment	not modelled	100.0	24	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
62	c2vz8A	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase
63	c2vz8B	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B: PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase
64	c4jgaA	Alignment	not modelled	100.0	24	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 rickettsia rickettsii
65	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
66	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 from2 burkholderia vietnamiensis
67	c4qavB	Alignment	not modelled	100.0	24	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
68	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 xanthomonas oryzae pv.3 oryzae kacc10331
69	c5e5nD	Alignment	not modelled	100.0	18	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)
70	c3o04A	Alignment	not modelled	100.0	20	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 listeria monocytogenes
71	c2buiC	Alignment	not modelled	100.0	22	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
72	c4oqjA	Alignment	not modelled	100.0	21	PDB header: hydrolase Chain: A: PDB Molecule: pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmq ks1
73	c4wkyB	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacyl synthase; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmn ks2
74	c5elpA	Alignment	not modelled	100.0	22	PDB header: hydrolase Chain: A: PDB Molecule: nrps/pks protein; PDBTitle: ketosynthase from module 1 of the bacillaene synthase from bacillus2 amyloliquefaciens fzb42
75	c4t2A	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: crystal structure of ketosynthase domain from mgf from streptomcyes2 platensis
76	c1ee0A	Alignment	not modelled	100.0	11	PDB header: transferase Chain: A: PDB Molecule: 2-pyrone synthase; PDBTitle: 2-pyrone synthase complexed with acetoacetyl-coa
77	c6fikA	Alignment	not modelled	100.0	20	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 PDB header: transferase

78	c2ebdB_	Alignment	not modelled	100.0	21	Chain: B; PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase iii2 from aquifex aeolicus vf5
79	c2gp6B_	Alignment	not modelled	100.0	26	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)
80	c2p0uB_	Alignment	not modelled	100.0	13	PDB header: transferase Chain: B; PDB Molecule: stilbenecarboxylate synthase 2; PDBTitle: crystal structure of marchantia polymorpha stilbenecarboxylate2 synthase 2 (stcs2)
81	c1xetD_	Alignment	not modelled	100.0	13	PDB header: transferase Chain: D; PDB Molecule: dihydropinosylvin synthase; PDBTitle: crystal structure of stilbene synthase from pinus sylvestris,2 complexed with methylmalonyl coa
82	c4tktA_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A; PDB Molecule: at-less polyketide synthase; PDBTitle: streptomyces platensis isomigrastatin ketosynthase domain mgsf ks6
83	c3gwaA_	Alignment	not modelled	100.0	16	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
84	c6c9uA_	Alignment	not modelled	100.0	23	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)
85	c1cmlA_	Alignment	not modelled	100.0	12	PDB header: transferase Chain: A; PDB Molecule: protein (chalcone synthase); PDBTitle: chalcone synthase from alfalfa complexed with malonyl-coa
86	c4opfA_	Alignment	not modelled	100.0	24	PDB header: ligase, transferase Chain: A; PDB Molecule: nrps/pks; PDBTitle: streptomyces albus ja3453 oxazolomycin ketosynthase domain ozmh ks8
87	c4mz0B_	Alignment	not modelled	100.0	19	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
88	c4z37A_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A; PDB Molecule: putative mixed polyketide synthase/non-ribosomal peptide PDBTitle: structure of the ketosynthase of module 2 of c0zqg5 (trans-at pks)2 from brevibacillus brevis
89	c3lrfA_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A; PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of beta-ketoacyl synthase from brucella2 melitensis
90	c2wggA_	Alignment	not modelled	100.0	25	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
91	c5gk2A_	Alignment	not modelled	100.0	14	PDB header: transferase Chain: A; PDB Molecule: ketosynthase stld; PDBTitle: the structure of the h302a mutant of stld
92	c2hg4A_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A; PDB Molecule: 6-deoxyerythronolide b synthase; PDBTitle: structure of the ketosynthase-acyltransferase didomain of module 52 from debs.
93	c3ov3A_	Alignment	not modelled	100.0	14	PDB header: transferase Chain: A; PDB Molecule: curcumin synthase; PDBTitle: g211f mutant of curcumin synthase 1 from curcuma longa
94	c3a5qA_	Alignment	not modelled	100.0	14	PDB header: transferase Chain: A; PDB Molecule: benzalacetone synthase; PDBTitle: benzalacetone synthase from rheum palmatum
95	c5yptA_	Alignment	not modelled	100.0	12	PDB header: transferase Chain: A; PDB Molecule: stilbenecarboxylate synthase 1; PDBTitle: crystal structure of marchantia paleacea chalone synthase like 12 (chs1l)
96	c1mzjB_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B; PDB Molecule: beta-ketoacylsynthase iii; PDBTitle: crystal structure of the priming beta-ketosynthase from the2 r1128 polyketide biosynthetic pathway
97	c2qnxA_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A; PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of the complex between the mycobacterium beta-2 ketoacyl-acyl carrier protein synthase iii (fabh) and 11-3 [(decyloxy carbonyl)dithio]-undecanoic acid
98	c6a9nA_	Alignment	not modelled	100.0	15	PDB header: transferase Chain: A; PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of kas iii from propionibacterium acnes
99	c4na3A_	Alignment	not modelled	100.0	17	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
100	c4ewpD_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: D; PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of fabh from micrococcus luteus
						PDB header: transferase Chain: G; PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3

101	c4x0oG_	Alignment	not modelled	100.0	20	protein 2; PDBTitle: beta-ketoacyl-(acyl carrier protein) synthase iii-2 (fabh2) from2 vibrio cholerae soaked with acetyl-coa PDB header: transferase
102	c4b3yB_	Alignment	not modelled	100.0	19	Chain: B: PDB Molecule: fatty acid synthase; PDBTitle: cryo-em structure of the mycobacterial fatty acid synthase PDB header: transferase
103	c2d3mA_	Alignment	not modelled	100.0	14	Chain: A: PDB Molecule: pentaketide chromone synthase; PDBTitle: pentaketide chromone synthase complexed with coenzyme a PDB header: transferase
104	c3ledA_	Alignment	not modelled	100.0	17	Chain: A: PDB Molecule: 3-oxoacyl-acyl carrier protein synthase iii; PDBTitle: crystal structure of 3-oxoacyl-(acyl carrier protein) synthase iii2 from rhodopseudomonas palustris cga009 PDB header: transferase
105	c5bp1A_	Alignment	not modelled	100.0	24	Chain: A: PDB Molecule: mycocerosic acid synthase; PDBTitle: condensing di-domain (ks-at) of a mycocerosic acid synthase-like (mas-2 like) pks PDB header: transferase
106	c5ucoB_	Alignment	not modelled	100.0	11	Chain: B: PDB Molecule: 2,4,6-trihydroxybenzophenone synthase; PDBTitle: benzophenone synthase from hypericum androsaemum PDB header: transferase, hydrolase
107	c3hhdC_	Alignment	not modelled	100.0	22	Chain: C: PDB Molecule: fatty acid synthase; PDBTitle: structure of the human fatty acid synthase ks-mat didomain as a2 framework for inhibitor design. PDB header: transferase
108	c3il3A_	Alignment	not modelled	100.0	21	Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: structure of haemophilus influenzae fabh PDB header: transferase
109	c4qyrA_	Alignment	not modelled	100.0	23	Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: streptomyces platensis isomigrastatin ketosynthase domain mgse ks3 PDB header: transferase
110	c5dwzC_	Alignment	not modelled	100.0	25	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 pseudomonas aeruginosa quinolone3 signal PDB header: transferase
111	c4efiA_	Alignment	not modelled	100.0	17	Chain: A: PDB Molecule: 3-oxoacyl-(acyl-carrier protein) synthase; PDBTitle: crystal structure of 3-oxoacyl-(acyl-carrier protein) synthase from2 burkholderia xenovorans lb400 PDB header: transferase
112	c4b0nB_	Alignment	not modelled	100.0	15	Chain: B: PDB Molecule: polyketide synthase iii; PDBTitle: crystal structure of pks-i from the brown algae ectocarpus siliculosus PDB header: transferase
113	c4cw4A_	Alignment	not modelled	100.0	17	Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of the noncanonical ketosynthase faby2 from p. aeruginosa PDB header: transferase
114	c1zowB_	Alignment	not modelled	100.0	22	Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase iii; PDBTitle: crystal structure of s. aureus fabh, beta-ketoacyl carrier protein2 synthase iii PDB header: transferase
115	c4rybA_	Alignment	not modelled	100.0	23	Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of beta-ketoacyl-acp synthase iii (fabh) from2 neisseria meningitidis PDB header: biosynthetic protein
116	c1u0mA_	Alignment	not modelled	100.0	14	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 PDB header: transferase
117	c4dfeB_	Alignment	not modelled	100.0	22	Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of 3-oxoacyl-[acyl-carrier-protein] synthase iii2 from burkholderia xenovorans PDB header: transferase
118	c3wd8D_	Alignment	not modelled	100.0	12	Chain: D: PDB Molecule: type iii polyketide synthase quinolone synthase; PDBTitle: typeiii polyketide synthases PDB header: transferase/transferase inhibitor
119	c5bqsA_	Alignment	not modelled	100.0	21	Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: s. pneumoniae fabh with small molecule inhibitor 4 PDB header: transferase
120	c3h76A_	Alignment	not modelled	100.0	21	Chain: A: PDB Molecule: pqs biosynthetic enzyme; PDBTitle: crystal structure of pqsd, a key enzyme in pseudomonas2 aeruginosa quinolone signal biosynthesis pathway PDB header: transferase