























Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0405_(pks6)_485734_489942
Date	Tue Jul 23 14:50:48 BST 2019
Unique Job ID	9256acfa479a4c4b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2vz8A_	 Alignment		100.0	29	PDB header: transferase Chain: A: PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase
2	c2vz8B_	 Alignment		100.0	29	PDB header: transferase Chain: B: PDB Molecule: fatty acid synthase; PDBTitle: crystal structure of mammalian fatty acid synthase
3	c6fikA_	 Alignment		100.0	28	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
4	c2qo3A_	 Alignment		100.0	40	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 deoxyerythronolide b synthase
5	c6c9uA_	 Alignment		100.0	41	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 deoxyerythronolide b synthase in complex with antibody fragment (fab)
6	c2hg4A_	 Alignment		100.0	44	PDB header: transferase Chain: A: PDB Molecule: 6-deoxyerythronolide b synthase; PDBTitle: structure of the ketosynthase-acyltransferase didomain of module 52 from debs.
7	c4mz0B_	 Alignment		100.0	45	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
8	c3hhdC_	 Alignment		100.0	30	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.
9	c5bp1A_	 Alignment		100.0	39	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
10	c4oqiA_	 Alignment		100.0	38	PDB header: hydrolase Chain: A: PDB Molecule: pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmq ks1
11	c4kc5D_	 Alignment		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

12	c4b3yB_	Alignment		100.0	18	PDB header: transferase Chain: B: PDB Molecule: fatty acid synthase; PDBTitle: cryo-em structure of the mycobacterial fatty acid synthase
13	c5erbB_	Alignment		100.0	37	PDB header: transferase Chain: B: PDB Molecule: polyketide synthase; PDBTitle: ketosynthase from module 5 of the bacillaene synthase from bacillus2 amyloliquefaciens fzb42
14	c4wkyB_	Alignment		100.0	43	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacyl synthase; PDBTitle: streptomycyces albus ja3453 oxazolomycin ketosynthase domain ozmn ks2
15	c4na3A_	Alignment		100.0	37	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
16	c5e5nB_	Alignment		100.0	37	PDB header: hydrolase Chain: B: PDB Molecule: polyketide synthase pksl; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from bacillus2 subtilis 168 (c167s mutant, crystal form 1)
17	c4z37A_	Alignment		100.0	37	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
18	c4qyrA_	Alignment		100.0	37	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: streptomycyces platensis isomigrastatin ketosynthase domain mgse ks3
19	c3hmiB_	Alignment		100.0	16	PDB header: transferase Chain: B: PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: saccharomyces cerevisiae fas type i
20	c4tj2A_	Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: crystal structure of ketosynthase domain from mgsf from streptomycyces2 platensis
21	c4tktA_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: at-less polyketide synthase; PDBTitle: streptomycyces platensis isomigrastatin ketosynthase domain mgsf ks6
22	c4opeD_	Alignment	not modelled	100.0	37	PDB header: ligase, transferase Chain: D: PDB Molecule: nrps/pks; PDBTitle: streptomycyces albus ja3453 oxazolomycin ketosynthase domain ozmh ks7
23	c5elpA_	Alignment	not modelled	100.0	34	PDB header: hydrolase Chain: A: PDB Molecule: nrps/pks protein; PDBTitle: ketosynthase from module 1 of the bacillaene synthase from bacillus2 amyloliquefaciens fzb42
24	c5e5nD_	Alignment	not modelled	100.0	36	PDB header: hydrolase Chain: D: PDB Molecule: polyketide synthase pksl; PDBTitle: ketosynthase from module 6 of the bacillaene synthase from bacillus2 subtilis 168 (c167s mutant, crystal form 1)
25	c2pffD_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: D: PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
26	c2pffG_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: G: PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
27	c2pffA_	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structural insights of yeast fatty acid synthase
28	c2uv8C_	Alignment	not modelled	100.0	16	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
						PDB header: transferase

29	c2vkzC_	Alignment	not modelled	100.0	17	Chain: C: PDB Molecule: fatty acid synthase subunit alpha; PDBTitle: structure of the cerulenin-inhibited fungal fatty acid synthase type i2 multienzyme complex
30	c2uv9B_	Alignment	not modelled	100.0	17	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
31	c4cw4A_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of the noncanonical ketosynthase faby2 from p. aeruginosa
32	c4qpFA_	Alignment	not modelled	100.0	39	PDB header: ligase, transferase Chain: A: PDB Molecule: ntps/pks; PDBTitle: streptomcyes albus ja3453 oxazolomycin ketosynthase domain ozmh ks8
33	c2iwyB_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase; PDBTitle: human mitochondrial beta-ketoacyl acp synthase
34	c1tqyC_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: C: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase 1; PDBTitle: the actinorhodin ketosynthase/chain length factor
35	c4ls5A_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: crystal structure of beta-ketoacyl-acp synthase ii (fabf) from2 bacillus subtilis
36	c4b7vA_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of wild type pseudomonas aeruginosa fabf (kasii)
37	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
38	c2gqdB_	Alignment	not modelled	100.0	25	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) from2 staphylococcus aureus
39	c3o04A_	Alignment	not modelled	100.0	24	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
40	c4qavB_	Alignment	not modelled	100.0	29	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
41	c1e5mA_	Alignment	not modelled	100.0	25	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.
42	c4ddoA_	Alignment	not modelled	100.0	29	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
43	c1j3nB_	Alignment	not modelled	100.0	29	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
44	c1oxhD_	Alignment	not modelled	100.0	28	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
45	c2gfvA_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of e. coli fabf (kasii) c163q mutant
46	c2ix4B_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase; PDBTitle: arabidopsis thaliana mitochondrial beta-ketoacyl acp synthase hexanoic2 acid complex
47	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)
48	c3e60A_	Alignment	not modelled	100.0	25	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
49	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
50	c4ewgA_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of a beta-ketoacyl synthase from burkholderia2 phymatum stm815
51	c1tqvD_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: D: PDB Molecule: actinorhodin polyketide putative beta-

51	c1tqyB	Alignment	not modelled	100.0	23	ketoacyl synthase 2; PDBTitle: the actinorhodin ketosynthase/chain length factor
52	c2buiC	Alignment	not modelled	100.0	25	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
53	c3lrfA	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A; PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of beta-ketoacyl synthase from brucella2 melitensis
54	c6qspA	Alignment	not modelled	100.0	26	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
55	c3tzzA	Alignment	not modelled	100.0	28	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
56	c6iytA	Alignment	not modelled	100.0	37	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
57	c6iyrA	Alignment	not modelled	100.0	35	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
58	c6iyoA	Alignment	not modelled	100.0	50	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
59	c5ydmA	Alignment	not modelled	100.0	33	PDB header: transferase Chain: A; PDB Molecule: pks; PDBTitle: the crystal structure of the acyl transferase domain of spnd complex2 with benzylmalonyl
60	c4qbuA	Alignment	not modelled	100.0	31	PDB header: transferase Chain: A; PDB Molecule: zmaa; PDBTitle: structure of the acyl transferase domain of zmaa
61	c2jfkD	Alignment	not modelled	100.0	20	PDB header: transferase Chain: D; PDB Molecule: fatty acid synthase; PDBTitle: structure of the mat domain of human fas with malonyl-coa
62	c4ammA	Alignment	not modelled	100.0	31	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
63	d1tqya2	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
64	c4rl1A	Alignment	not modelled	100.0	35	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
65	d1e5ma1	Alignment	not modelled	100.0	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
66	d2ix4a1	Alignment	not modelled	100.0	25	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
67	d2gfva1	Alignment	not modelled	100.0	25	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
68	d1j3na1	Alignment	not modelled	100.0	27	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
69	d1tqyb2	Alignment	not modelled	100.0	28	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
70	c4egvC	Alignment	not modelled	100.0	14	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
71	d1ox0a1	Alignment	not modelled	100.0	29	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
72	c3tqeA	Alignment	not modelled	100.0	31	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
73	c3rgiA	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A; PDB Molecule: disd protein; PDBTitle: trans-acting transferase from disorazole synthase
74	c3eenA	Alignment	not modelled	100.0	35	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
75	c3ptwA	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 clostridium perfringens atcc 13124
76	d2vbaa1	Alignment	not modelled	100.0	22	Fold: Thiolase-like Superfamily: Thiolase-like

						Family: Thiolase-related
77	c3im8A	Alignment	not modelled	100.0	37	PDB header: transferase Chain: A: PDB Molecule: malonyl acyl carrier protein transacylase; PDBTitle: crystal structure of mcat from streptococcus pneumoniae
78	c5ypvA	Alignment	not modelled	100.0	32	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of fabd from acinetobacter baumannii
79	c2g2oA	Alignment	not modelled	100.0	34	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: structure of e.coli fabd complexed with sulfate
80	c2qj3B	Alignment	not modelled	100.0	27	PDB header: transferase Chain: B: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: mycobacterium tuberculosis fabd
81	c3gatB	Alignment	not modelled	100.0	32	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
82	c2cuyA	Alignment	not modelled	100.0	39	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
83	c3im9A	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: crystal structure of mcat from staphylococcus aureus
84	c4rr5A	Alignment	not modelled	100.0	31	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
85	c2cdh9	Alignment	not modelled	100.0	29	PDB header: transferase Chain: 9: PDB Molecule: acetyl transferase; PDBTitle: architecture of the thermomyces lanuginosus fungal fatty2 acid synthase at 5 angstrom resolution.
86	c3ezoA	Alignment	not modelled	100.0	33	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
87	c3g87A	Alignment	not modelled	100.0	33	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	c5dz6A	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: polyketide biosynthesis malonyl coa-acyl carrier protein PDBTitle: acyl transferase from bacillaene pks
89	c2h1yA	Alignment	not modelled	100.0	29	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
90	c5dz7A	Alignment	not modelled	100.0	32	PDB header: transferase Chain: A: PDB Molecule: polyketide biosynthesis protein pkse; PDBTitle: structural basis of acyl transfer in a trans-at polyketide synthase
91	c2c2nA	Alignment	not modelled	100.0	28	PDB header: transferase Chain: A: PDB Molecule: malonyl coa-acyl carrier protein transacylase; PDBTitle: structure of human mitochondrial malonyltransferase
92	c5czcA	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: malonyl-coa-[acyl-carrier-protein] transacylase; PDBTitle: the structure of vink
93	d1e5ma2	Alignment	not modelled	100.0	24	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
94	d1j3na2	Alignment	not modelled	100.0	34	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
95	d2gfva2	Alignment	not modelled	100.0	30	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
96	d1tqyb1	Alignment	not modelled	100.0	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
97	d2ix4a2	Alignment	not modelled	100.0	32	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
98	d1ox0a2	Alignment	not modelled	100.0	27	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
99	c2d3mA	Alignment	not modelled	100.0	14	PDB header: transferase Chain: A: PDB Molecule: pentaketide chromone synthase; PDBTitle: pentaketide chromone synthase complexed with coenzyme a
100	d1mlaa1	Alignment	not modelled	100.0	37	Fold: FabD/lysophospholipase-like Superfamily: FabD/lysophospholipase-like Family: FabD-like
						Fold: Thiolase-like

101	d1tqya1	Alignment	not modelled	100.0	24	Superfamily: Thiolase-like Family: Thiolase-related
102	d1nm2a1	Alignment	not modelled	100.0	36	Fold: FabD/lysophospholipase-like Superfamily: FabD/lysophospholipase-like Family: FabD-like
103	c6et9D_	Alignment	not modelled	100.0	17	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
104	d2vbaa2	Alignment	not modelled	100.0	35	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
105	c4zxiA_	Alignment	not modelled	100.0	19	PDB header: biosynthetic protein Chain: A: PDB Molecule: tyrocidine synthetase 3; PDBTitle: crystal structure of holo-ab3403 a four domain nonribosomal peptide2 synthetase bound to amp and glycine
106	c4u4eA_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: thiolase; PDBTitle: crystal structure of putative thiolase from sphaerobacter thermophilus2 dsm 20745
107	c6hspB_	Alignment	not modelled	100.0	21	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
108	c5ab6E_	Alignment	not modelled	100.0	14	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.
109	c2vsqA_	Alignment	not modelled	100.0	16	PDB header: ligase Chain: A: PDB Molecule: surfactin synthetase subunit 3; PDBTitle: structure of surfactin a synthetase c (srfa-c), a nonribosomal peptide2 synthetase termination module
110	c5ja2A_	Alignment	not modelled	100.0	19	PDB header: ligase Chain: A: PDB Molecule: enterobactin synthase component f; PDBTitle: entf, a terminal nonribosomal peptide synthetase module bound to the2 non-native mbth-like protein pa2412
111	c2p0uB_	Alignment	not modelled	100.0	14	PDB header: transferase Chain: B: PDB Molecule: stilbenecarboxylate synthase 2; PDBTitle: crystal structure of marchantia polymorpha stilbenecarboxylate2 synthase 2 (stcs2)
112	c4n45B_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of reduced form of thiolase from clostridium2 acetobutylicum
113	c3zbgA_	Alignment	not modelled	100.0	19	PDB header: transferase 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
114	c5mg5R_	Alignment	not modelled	100.0	21	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 (magg)
115	c3ledA_	Alignment	not modelled	100.0	17	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 rhodopseudomonas palustris cga009
116	c4e1lC_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: C: PDB Molecule: acetoacetyl-coa thiolase 2; PDBTitle: crystal structure of acetoacetyl-coa thiolase (thla2) from clostridium2 difficile
117	c2wuaA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A: PDB Molecule: acetoacetyl coa thiolase; PDBTitle: structure of the peroxisomal 3-ketoacyl-coa thiolase from sunflower
118	c3ov3A_	Alignment	not modelled	100.0	13	PDB header: transferase Chain: A: PDB Molecule: curcumin synthase; PDBTitle: g211f mutant of curcumin synthase 1 from curcuma longa
119	c4dd5A_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase (thla1) from clostridium difficile
120	c4o9cC_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: C: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of beta-ketothiolase (phaa) from ralstonia eutropha2 h16