

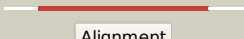
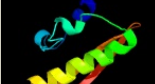
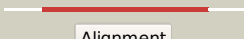








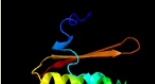





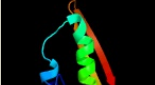

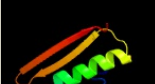


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1135A (-)_1264319_1264561
Date	Wed Jul 31 22:05:22 BST 2019
Unique Job ID	260645e36a354494

Detailed template
information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1ulqa2	 Alignment		99.8	47	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
2	d1m3ka2	 Alignment		99.8	40	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
3	d1wdkc2	 Alignment		99.8	43	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
4	d1afwa2	 Alignment		99.7	37	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
5	c3svkB_	 Alignment		99.7	35	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of acetyl-coa acetyltransferase from mycobacterium2 avium
6	c1ulqD_	 Alignment		99.7	48	PDB header: transferase Chain: D: PDB Molecule: putative acetyl-coa acetyltransferase; PDBTitle: crystal structure of tt0182 from thermus thermophilus hb8
7	c2d3tC_	 Alignment		99.7	43	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
8	c5bz4K_	 Alignment		99.7	37	PDB header: transferase Chain: K: PDB Molecule: beta-ketothiolase; PDBTitle: crystal structure of a t1-like thiolase (coa-complex) from2 mycobacterium smegmatis
9	c4ubwB_	 Alignment		99.7	41	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
10	c3ss6B_	 Alignment		99.6	32	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of the bacillus anthracis acetyl-coa2 acetyltransferase
11	c4nzsa_	 Alignment		99.6	42	PDB header: transferase Chain: A: PDB Molecule: beta-ketothiolase bktb; PDBTitle: crystal structure of beta-ketothiolase bktb b from ralstonia eutropha2 h16

12	c5xyjA_	Alignment		99.6	36	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: purification,crystallization and structural analysis of cytoplasmic2 acetoacetyl-coa thiolase from saccharomyces cerevisiae
13	c1wl5A_	Alignment		99.6	38	PDB header: transferase Chain: A: PDB Molecule: acetyl-coenzyme a acetyltransferase 2; PDBTitle: human cytosolic acetoacetyl-coa thiolase
14	c1afwB_	Alignment		99.6	39	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
15	c5zrvH_	Alignment		99.6	35	PDB header: liase, oxidoreductase/transferase Chain: H: PDB Molecule: trifunctional enzyme subunit beta, mitochondrial; PDBTitle: structure of human mitochondrial trifunctional protein, octamer
16	c4wysB_	Alignment		99.6	46	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of thiolase from escherichia coli
17	c6bjjA_	Alignment		99.6	39	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
18	c6aaqA_	Alignment		99.6	42	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: aspergillus fumigatus cytosolic thiolase: acetylated enzyme in complex2 with coa and potassium ions
19	c2vu2D_	Alignment		99.6	44	PDB header: transferase Chain: D: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase from z. ramigera. complex with s-pantetheine-11-2 pivalate.
20	c6bn2A_	Alignment		99.6	34	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of acetyl-coa acetyltransferase from elizabethkingia2 anophelis nuhp1
21	c2ibyD_	Alignment	not modelled	99.6	39	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
22	c5lp7A_	Alignment	not modelled	99.6	32	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of 3-ketoacyl-coa thiolase (mmga) from bacillus2 subtilis.
23	c6bjbB_	Alignment	not modelled	99.6	37	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
24	c2wuaA_	Alignment	not modelled	99.6	37	PDB header: transferase Chain: A: PDB Molecule: acetoacetyl coa thiolase; PDBTitle: structure of the peroxisomal 3-ketoacyl-coa thiolase from sunflower
25	c4o9cC_	Alignment	not modelled	99.6	40	PDB header: transferase Chain: C: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of beta-ketothiolase (phaa) from ralstonia eutropha2 h16
26	c3goaA_	Alignment	not modelled	99.5	41	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase; PDBTitle: crystal structure of the salmonella typhimurium fada 3-ketoacyl-coa2 thiolase
27	c2iikA_	Alignment	not modelled	99.5	41	PDB header: transferase Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase, peroxisomal; PDBTitle: crystal structure of human peroxisomal acetyl-coa acyl transferase 12 (acaa1)
28	c4n45B_	Alignment	not modelled	99.5	41	PDB header: transferase Chain: B: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: crystal structure of reduced form of thiolase from clostridium2 acetobutylicum
						PDB header: transferase

29	c4c2jA_	Alignment	not modelled	99.5	38	Chain: A: PDB Molecule: 3-ketoacyl-coa thiolase, mitochondrial; PDBTitle: crystal structure of human mitochondrial 3-ketoacyl-coa2 thiolase in complex with coa
30	c4dd5A_	Alignment	not modelled	99.5	41	PDB header: transferase Chain: A: PDB Molecule: acetyl-coa acetyltransferase; PDBTitle: biosynthetic thiolase (thla1) from clostridium difficile
31	c2c7yB_	Alignment	not modelled	99.5	40	PDB header: transferase Chain: B: PDB Molecule: 3-ketoacyl-coa thiolase 2; PDBTitle: plant enzyme
32	c4e1lC_	Alignment	not modelled	99.4	40	PDB header: transferase Chain: C: PDB Molecule: acetoacetyl-coa thiolase 2; PDBTitle: crystal structure of acetoacetyl-coa thiolase (thla2) from clostridium2 difficile
33	c5mg5R_	Alignment	not modelled	99.1	29	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)
34	c6hspB_	Alignment	not modelled	99.1	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
35	c3zbgA_	Alignment	not modelled	99.0	20	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
36	c4yzoD_	Alignment	not modelled	98.8	24	PDB header: transferase Chain: D: PDB Molecule: putative acyl-coa acyltransferase; PDBTitle: crystal structure analysis of thiolase-like protein, st0096 from2 sulfolobus tokodaii
37	c5ab6E_	Alignment	not modelled	98.8	10	PDB header: transport protein Chain: E: PDB Molecule: scp2-thiolase like protein; PDBTitle: crystal structure of trypanosoma brucei scp2-thiolase like2 protein (tblsp) in complex with acetoacetyl-coa.
38	c6et9D_	Alignment	not modelled	98.8	24	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
39	c4u4eA_	Alignment	not modelled	98.5	16	PDB header: transferase Chain: A: PDB Molecule: thiolase; PDBTitle: crystal structure of putative thiolase from sphaerobacter thermophilus2 dsm 20745
40	c6ok1A_	Alignment	not modelled	98.4	11	PDB header: transport protein Chain: A: PDB Molecule: lipid-transfer protein; PDBTitle: ltp2-chsh2(duf35) aldolase
41	c4egvC_	Alignment	not modelled	97.2	9	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
42	c2gfvA_	Alignment	not modelled	87.2	30	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of e. coli fabf (kasii) c163q mutant
43	c1j3nB_	Alignment	not modelled	83.1	30	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	c1tqyD_	Alignment	not modelled	72.5	26	PDB header: transferase Chain: D: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase 2; PDBTitle: the actinorhodin ketosynthase/chain length factor
45	d1tqyb2	Alignment	not modelled	68.5	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
46	c3e60A_	Alignment	not modelled	66.6	26	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
47	c1oxhD_	Alignment	not modelled	64.9	24	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
48	c4ewgA_	Alignment	not modelled	63.5	26	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of a beta-ketoacyl synthase from burkholderia2 phymatum stm815
49	c2gqdB_	Alignment	not modelled	60.5	26	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
50	c4jgaA_	Alignment	not modelled	59.3	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 rickettsia rickettsii
51	c2gp6B_	Alignment	not modelled	56.8	30	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)
52	c2ix4B_	Alignment	not modelled	55.3	19	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: condensing enzyme

53	c1e5mA	Alignment	not modelled	55.1	28	Chain: A: PDB Molecule: beta ketoacyl acyl carrier protein synthase ii; PDBTitle: beta ketoacyl acyl carrier protein synthase ii (kasii) from2 synechocystis sp.
54	c4Is5A	Alignment	not modelled	53.2	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
55	c3o04A	Alignment	not modelled	49.6	19	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
56	c2wggA	Alignment	not modelled	47.3	30	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
57	c1tqyC	Alignment	not modelled	46.8	27	PDB header: transferase Chain: C: PDB Molecule: actinorhodin polyketide putative beta-ketoacyl synthase 1; PDBTitle: the actinorhodin ketosynthase/chain length factor
58	c2iwyB	Alignment	not modelled	44.6	28	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase; PDBTitle: human mitochondrial beta-ketoacyl acp synthase
59	d1tqya2	Alignment	not modelled	42.4	17	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
60	d2vbaa2	Alignment	not modelled	39.3	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
61	d1e5ma2	Alignment	not modelled	32.1	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
62	d2gfva2	Alignment	not modelled	31.6	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
63	c2buiC	Alignment	not modelled	30.3	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
64	c4qavB	Alignment	not modelled	28.8	22	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
65	d1ox0a2	Alignment	not modelled	28.3	26	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
66	c5mzyA	Alignment	not modelled	27.7	15	PDB header: lyase Chain: A: PDB Molecule: glutaconate coa-transferase family, subunit a; PDBTitle: crystal structure of the decarboxylase aiba/aibb in complex with a2 possible transition state analog
67	d1o1xa	Alignment	not modelled	24.7	14	Fold: Ribose/Galactose isomerase RpiB/AlsB Superfamily: Ribose/Galactose isomerase RpiB/AlsB Family: Ribose/Galactose isomerase RpiB/AlsB
68	c4ddoA	Alignment	not modelled	24.2	26	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
69	c4cw4A	Alignment	not modelled	22.4	17	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of the noncanonical ketosynthase faby2 from p. aeruginosa
70	c5gk2A	Alignment	not modelled	22.2	9	PDB header: transferase Chain: A: PDB Molecule: ketosynthase stld; PDBTitle: the structure of the h302a mutant of stld
71	c1mzjB	Alignment	not modelled	21.9	13	PDB header: transferase Chain: B: PDB Molecule: beta-ketoacylsynthase iii; PDBTitle: crystal structure of the priming beta-ketosynthase from the2 r1128 polyketide biosynthetic pathway
72	c2qv5A	Alignment	not modelled	20.4	23	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein atu2773; PDBTitle: crystal structure of uncharacterized protein atu2773 from2 agrobacterium tumefaciens c58
73	c6qspA	Alignment	not modelled	19.9	22	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
74	c2qygC	Alignment	not modelled	19.8	27	PDB header: unknown function Chain: C: PDB Molecule: ribulose biphosphate carboxylase-like protein 2; PDBTitle: crystal structure of a rubisco-like protein rlp2 from rhodospseudomonas2 palustris
75	c3qd5B	Alignment	not modelled	18.3	19	PDB header: isomerase Chain: B: PDB Molecule: putative ribose-5-phosphate isomerase; PDBTitle: crystal structure of a putative ribose-5-phosphate isomerase from2 coccidioides immitis solved by combined iodide ion sad and mr
76	c2uv9B	Alignment	not modelled	18.2	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
77	d2ix4a2	Alignment	not modelled	17.4	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
78	c3gwaA	Alignment	not modelled	16.4	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
79	c3lrfA	Alignment	not modelled	16.0	26	PDB header: transferase Chain: A: PDB Molecule: beta-ketoacyl synthase; PDBTitle: crystal structure of beta-ketoacyl synthase from brucella2 melitensis
80	c4opfA	Alignment	not modelled	16.0	17	PDB header: ligase, transferase Chain: A: PDB Molecule: nrps/pks; PDBTitle: streptomycetes albus ja3453 oxazolomycin ketosynthase domain ozmh ks8
81	d1mzja2	Alignment	not modelled	15.8	12	Fold: Thiolase-like Superfamily: Thiolase-like Family: Chalcone synthase-like
82	c6fxsA	Alignment	not modelled	15.2	13	PDB header: isomerase Chain: A: PDB Molecule: ribose 5-phosphate isomerase, putative; PDBTitle: structure of trypanosoma brucei type b ribose 5-phosphate isomerase
83	c4b7vA	Alignment	not modelled	12.9	26	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 2; PDBTitle: structure of wild type pseudomonas aeruginosa fabf (kasii)
84	c2ebdB	Alignment	not modelled	12.7	16	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 aquifex aeolicus vf5
85	c2gyoB	Alignment	not modelled	12.2	13	PDB header: transferase Chain: B: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: methanethiol-cys 112 inhibition complex of e. coli ketoacyl synthase2 iii (fabh) and coenzyme a
86	c4rybA	Alignment	not modelled	12.2	16	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of beta-ketoacyl-acyl synthase iii (fabh) from2 neisseria meningitidis
87	c2uv8C	Alignment	not modelled	12.1	36	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
88	d1ykwa1	Alignment	not modelled	11.2	24	Fold: TIM beta/alpha-barrel Superfamily: RuBisCo, C-terminal domain Family: RuBisCo, large subunit, C-terminal domain
89	c3il3A	Alignment	not modelled	11.0	7	PDB header: transferase Chain: A: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: structure of haemophilus influenzae fabh
90	c2kvoA	Alignment	not modelled	11.0	44	PDB header: photosynthesis Chain: A: PDB Molecule: photosystem ii reaction center psb28 protein; PDBTitle: solution nmr structure of photosystem ii reaction center psb28 protein2 from synechocystis sp.(strain pcc 6803), northeast structural3 genomics consortium target sgr171
91	c2vkzC	Alignment	not modelled	10.7	35	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
92	d1ooya2	Alignment	not modelled	10.5	9	Fold: NagB/RpiA/CoA transferase-like Superfamily: NagB/RpiA/CoA transferase-like Family: CoA transferase alpha subunit-like
93	c3s3lB	Alignment	not modelled	10.2	17	PDB header: transferase Chain: B: PDB Molecule: cerj; PDBTitle: crystal structure of cerj from streptomyces tendae
94	d1j3na2	Alignment	not modelled	10.1	22	Fold: Thiolase-like Superfamily: Thiolase-like Family: Thiolase-related
95	c2qnxA	Alignment	not modelled	10.0	17	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
96	c4ewpD	Alignment	not modelled	8.9	17	PDB header: transferase Chain: D: PDB Molecule: 3-oxoacyl-[acyl-carrier-protein] synthase 3; PDBTitle: crystal structure of fabh from micrococcus luteus
97	c5macD	Alignment	not modelled	8.8	23	PDB header: lyase Chain: D: PDB Molecule: ribulose-1,5-bisphosphate carboxylase-oxygenase type iii; PDBTitle: crystal structure of decameric methanococcoides burtonii rubisco2 complexed with 2-carboxyarabinitol bisphosphate
98	c3fk5A	Alignment	not modelled	8.6	14	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
99	c4uzjB	Alignment	not modelled	8.5	14	PDB header: hydrolase Chain: B: PDB Molecule: notum; PDBTitle: structure of the wnt deacylase notum from drosophila -2 crystal form i - 2.4a