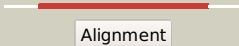



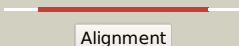

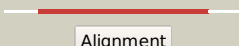

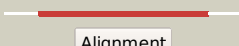

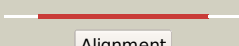

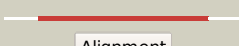
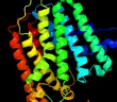










Phyre2

Email	mdejesus@rockefeller.edu
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Date	Fri Aug 9 18:20:06 BST 2019
Unique Job ID	ba6d979b8065d895

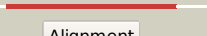
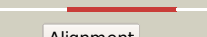
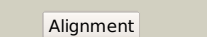
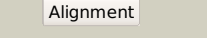
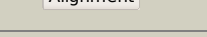

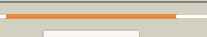



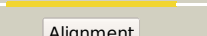
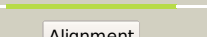
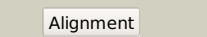
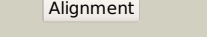
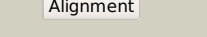
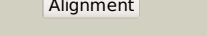
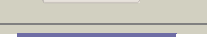

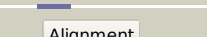




Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3nf2A_	 Alignment		100.0	49	PDB header: transferase Chain: A: PDB Molecule: putative polyprenyl synthetase; PDBTitle: crystal structure of polyprenyl synthetase from streptomyces2 coelicolor a3(2)
2	c3mzvB_	 Alignment		100.0	29	PDB header: transferase Chain: B: PDB Molecule: decaprenyl diphosphate synthase; PDBTitle: crystal structure of a decaprenyl diphosphate synthase from2 rhodobacter capsulatus
3	c3oyrB_	 Alignment		100.0	27	PDB header: transferase Chain: B: PDB Molecule: trans-isoprenyl diphosphate synthase; PDBTitle: crystal structure of polyprenyl synthase from caulobacter crescentus2 cb15 complexed with calcium and isoprenyl diphosphate
4	c1wy0A_	 Alignment		100.0	34	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthetase from2 pyrococcus horikoshii ot3
5	c5h9dB_	 Alignment		100.0	23	PDB header: transferase Chain: B: PDB Molecule: farnesyl pyrophosphate synthetase; PDBTitle: crystal structure of heptaprenyl diphosphate synthase from2 staphylococcus aureus
6	c3aqbD_	 Alignment		100.0	22	PDB header: transferase Chain: D: PDB Molecule: component b of hexaprenyl diphosphate synthase; PDBTitle: m. luteus b-p 26 heterodimeric hexaprenyl diphosphate synthase in2 complex with magnesium
7	c1wmwA_	 Alignment		100.0	25	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl diphosphate synthetase; PDBTitle: crystal structure of geranylgeranyl diphosphate synthase from thermus2 thermophilus
8	c4lobA_	 Alignment		100.0	26	PDB header: transferase Chain: A: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of polyprenyl diphosphate synthase a1s_2732 (target2 efi-509223) from acinetobacter baumannii
9	c3wjnA_	 Alignment		100.0	27	PDB header: transferase Chain: A: PDB Molecule: octaprenyl diphosphate synthase; PDBTitle: crystal structure of octaprenyl pyrophosphate synthase from2 escherichia coli with farnesyl s-thiol-pyrophosphate (fsp)
10	c5jfqB_	 Alignment		100.0	34	PDB header: oxidoreductase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl pyrophosphate synthetase from archaeon geoglobus2 acetivorans
11	d1fpsa_	 Alignment		100.0	21	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: isoprenyl diphosphate synthases

12	c6b07B_	Alignment		100.0	19	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: farnesyl diphosphate synthase; PDBTitle: crystal structure of cffpps2, a lepidopteran type-ii farnesyl2 diphosphate synthase, complexed with [1-phosphono-2-(1-propylpyridin-3-2-yl)ethyl]phosphonic acid (inhibitor 1d)
13	c3cp6A_	Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: farnesyl pyrophosphate synthetase; PDBTitle: crystal structure of human farnesyl diphosphate synthase (t201a2 mutant) complexed with mg and biposphonate inhibitor
14	c4jzbA_	Alignment		100.0	19	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: farnesyl pyrophosphate synthase; PDBTitle: crystal structure of leshmaniasis major farnesyl diphosphate synthase2 in complex with 1-(2-hydroxy-2,2-diphosphonoethyl)-3-3 phenylpyridinium, ipp and ca2+
15	c4dhdA_	Alignment		100.0	30	PDB header: transferase Chain: A: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of isoprenoid synthase a3msh1 (target efi-501992)2 from pyrobaculum calidifontis
16	c4kk2B_	Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: monoterpene synthase fds-5, chloroplastic - farnesyl PDBTitle: crystal structure of a chimeric fpp/gfpp synthase (target efi-502313c)2 from artemisia spiciformis (1-72:gi751454468,73-346:gi75233326), apo3 structure
17	c2f94F_	Alignment		100.0	19	PDB header: transferase Chain: F: PDB Molecule: farnesyl diphosphate synthase; PDBTitle: crystal structure of human fpps in complex with ibandronate
18	c3oacD_	Alignment		100.0	32	PDB header: transferase Chain: D: PDB Molecule: geranyl diphosphate synthase large subunit; PDBTitle: mint deletion mutant of heterotetrameric geranyl pyrophosphate2 synthase in complex with ligands
19	c3n3dB_	Alignment		100.0	26	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase from2 lactobacillus brevis atcc 367
20	d2q80a1	Alignment		100.0	19	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Isoprenyl diphosphate synthases
21	c2ogdB_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B: PDB Molecule: farnesyl pyrophosphate synthase; PDBTitle: t. brucei farnesyl diphosphate synthase complexed with bisphosphonate2 bph-527
22	c3aq0G_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: G: PDB Molecule: geranyl diphosphate synthase; PDBTitle: ligand-bound form of arabidopsis medium/long-chain length prenyl2 pyrophosphate synthase (surface polar residue mutant)
23	c3ez3A_	Alignment	not modelled	100.0	22	PDB header: lyase Chain: A: PDB Molecule: farnesyl pyrophosphate synthase, putative; PDBTitle: crystal structure of plasmodium vivax geranylgeranylpyrophosphate2 synthase pvx_092040 with zoledronate and ipp bound
24	c4jyxE_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: E: PDB Molecule: trans-hexaprenyltranstransferase; PDBTitle: crystal structure of polyprenyl synthase patl_3739 (target efi-509195)2 from pseudoalteromonas atlantica, complex with inorganic phosphate3 and an unknown ligand
25	c1yhIA_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: A: PDB Molecule: farnesyl pyrophosphate synthase; PDBTitle: structure of the complex of trypanosoma cruzi farnesyl diphosphate2 synthase with risedronate, dmapp and mg+2
26	c3lmdA_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase from2 corynebacterium glutamicum atcc 13032
27	c3lk5A_	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthase; PDBTitle: crystal structure of putative geranylgeranyl pyrophosphate synthase2 from corynebacterium glutamicum
						PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase;

28	c4lltB_	Alignment	not modelled	100.0	35	PDBTitle: crystal structure of a farnesyl diphosphate synthase from roseobacter2 denitrificans och 114, target efi-509393, with two ipp and calcium3 bound in active site
29	c5eroB_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: B: PDB Molecule: fusicoccadiene synthase; PDBTitle: crystal structure of elongation domain of phomopsis amygdali2 fusicoccadiene synthase complexed with cobalt ions and pamidronate
30	c3rmgB_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: B: PDB Molecule: octaprenyl-diphosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase from2 bacteroides thetaiotaomicron
31	d1rqja_	Alignment	not modelled	100.0	33	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Isoprenyl diphosphate synthases
32	c2e8xB_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: s. cerevisiae geranylgeranyl pyrophosphate synthase in2 complex with magnesium and gpp
33	d1v4ea_	Alignment	not modelled	100.0	22	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Isoprenyl diphosphate synthases
34	c2o1oB_	Alignment	not modelled	100.0	18	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: putative farnesyl pyrophosphate synthase; PDBTitle: cryptosporidium parvum putative polyprenyl pyrophosphate synthase2 (cgd4_2550) in complex with risedronate.
35	c4lfgB_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl diphosphate synthase; PDBTitle: crystal structure of geranylgeranyl diphosphate synthase sub12742 (target efi-509455) from streptococcus uberis 0140j with bound3 magnesium and isopentyl diphosphate, fully liganded complex;
36	c3oyrA_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: trans-isoprenyl diphosphate synthase; PDBTitle: crystal structure of polyprenyl synthase from caulobacter crescentus2 cb15 complexed with calcium and isoprenyl diphosphate
37	c3tc1A_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: octaprenyl pyrophosphate synthase; PDBTitle: crystal structure of octaprenyl pyrophosphate synthase from2 helicobacter pylori
38	c3ts7B_	Alignment	not modelled	100.0	32	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of farnesyl diphosphate synthase (target efi-501951)2 from methylococcus capsulatus
39	c3m9uD_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: D: PDB Molecule: farnesyl-diphosphate synthase; PDBTitle: crystal structure of geranylgeranyl pyrophosphate synthase from2 lactobacillus brevis atcc 367
40	c5xn5A_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A: PDB Molecule: os07g0580900 protein; PDBTitle: homo-dimer crystal structure of geranylgeranyl diphosphate synthases 12 from oryza sativa
41	c4kkmB_	Alignment	not modelled	100.0	34	PDB header: transferase Chain: B: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of a fpp/gfpp synthase (target efi-501952) from2 zymomonas mobilis, apo structure
42	c2forB_	Alignment	not modelled	100.0	33	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of the shigella flexneri farnesyl pyrophosphate2 synthase complex with an isopentenyl pyrophosphate
43	d1rtra_	Alignment	not modelled	100.0	25	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Isoprenyl diphosphate synthases
44	c2j1pB_	Alignment	not modelled	100.0	38	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl diphosphate synthase from sinapis alba in2 complex with ggpp
45	c3ipiA_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of a geranyltranstransferase from the methanosarcina2 mazei
46	c3lomA_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of geranyltransferase from legionella pneumophila
47	c2h8oA_	Alignment	not modelled	100.0	34	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: the 1.6a crystal structure of the geranyltransferase from2 agrobacterium tumefaciens
48	c6c57B_	Alignment	not modelled	100.0	21	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthase; PDBTitle: crystal structure of mutant human geranylgeranyl pyrophosphate2 synthase (y246d) in complex with bisphosphonate inhibitor fv0109
49	c3lsnA_	Alignment	not modelled	100.0	35	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of putative geranyltranstransferase from pseudomonas2 fluorescens pf-5 complexed with magnesium
50	c2azjB_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: crystal structure for the mutant d81c of sulfolobus2 solfataricus hexaprenyl pyrophosphate synthase
51	c3p8lB_	Alignment	not modelled	100.0	28	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of polyprenyl synthase from enterococcus faecalis2 v583
52	c3ucaB_	Alignment	not modelled	100.0	30	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of isoprenoid synthase (target efi-501974) from2 clostridium perfringens

53	c3m0gB_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: B: PDB Molecule: farnesyl diphosphate synthase; PDBTitle: crystal structure of putative farnesyl diphosphate synthase from2 rhodobacter capsulatus
54	c5e8kA_	Alignment	not modelled	100.0	32	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthase 10, mitochondrial; PDBTitle: crystal structure of polyprenyl pyrophosphate synthase 2 from2 arabidopsis thaliana
55	c3llwA_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase (ispa); PDBTitle: crystal structure of geranyltransferase from helicobacter pylori 26695
56	c2ftzA_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of geranyltranstransferase (ec 2.5.1.10) (tm0161)2 from thermotoga maritima at 1.90 a resolution
57	c3npgB_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: the crystal structure of geranyltranstransferase from campylobacter2 jejuni
58	c3qkcB_	Alignment	not modelled	100.0	15	PDB header: transferase Chain: B: PDB Molecule: geranyl diphosphate synthase small subunit; PDBTitle: crystal structure of geranyl diphosphate synthase small subunit from2 antirrhinum majus
59	c5aypA_	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A: PDB Molecule: farnesyl diphosphate synthase; PDBTitle: crystal structure of bacillus stearothermophilus farnesyl2 pyrophosphate synthase
60	c5xn6D_	Alignment	not modelled	100.0	29	PDB header: transferase Chain: D: PDB Molecule: os02g0668100 protein; PDBTitle: heterodimer crystal structure of geranylgeranyl diphosphate synthases2 1 with ggpps recruiting protein(osgrp) from oryza sativa
61	c2jloA_	Alignment	not modelled	100.0	32	PDB header: transferase Chain: A: PDB Molecule: geranylgeranyl pyrophosphate synthetase; PDBTitle: geranylgeranyl diphosphate synthase from sinapis alba
62	c3kraB_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: B: PDB Molecule: geranyl diphosphate synthase small subunit; PDBTitle: mint heterotetrameric geranyl pyrophosphate synthase in complex with2 magnesium
63	c3p8rA_	Alignment	not modelled	100.0	33	PDB header: transferase Chain: A: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of polyprenyl synthase from vibrio cholerae
64	c4fp4A_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: A: PDB Molecule: polyprenyl synthetase; PDBTitle: crystal structure of isoprenoid synthase a3mx09 (target efi-501993)2 from pyrobaculum calidifontis
65	c4f62B_	Alignment	not modelled	100.0	36	PDB header: transferase Chain: B: PDB Molecule: geranyltranstransferase; PDBTitle: crystal structure of a putative farnesyl-diphosphate synthase from2 marinomonas sp. med121 (target efi-501980)
66	c5b0mB_	Alignment	not modelled	98.2	17	PDB header: transferase, dna binding protein Chain: B: PDB Molecule: moen5,dna-binding protein 7d; PDBTitle: structure of moen5-ss07d fusion protein in complex with beta-dodecyl2 maltoside
67	c5b02C_	Alignment	not modelled	98.2	17	PDB header: transferase, dna binding protein Chain: C: PDB Molecule: moen5,dna-binding protein 7d; PDBTitle: structure of the prenyltransferase moen5 with a fusion protein tag of2 sso7d
68	c5nx4A_	Alignment	not modelled	97.6	13	PDB header: ligase Chain: A: PDB Molecule: pentalenene synthase; PDBTitle: crystal structure of linalool/nerolidol synthase from streptomyces2 clavuligerus
69	c2zcpA_	Alignment	not modelled	97.5	14	PDB header: transferase Chain: A: PDB Molecule: dehydroqualene synthase; PDBTitle: crystal structure of the c(30) carotenoid dehydroqualene synthase2 from staphylococcus aureus complexed with farnesyl thiopyrophosphate
70	d1ezfa_	Alignment	not modelled	97.1	13	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Squalene synthase
71	c4hd1A_	Alignment	not modelled	97.0	17	PDB header: transferase Chain: A: PDB Molecule: squalene synthase hpnc; PDBTitle: crystal structure of squalene synthase hpnc from alicyclobacillus2 acidocaldarius
72	c5nx6A_	Alignment	not modelled	96.5	10	PDB header: lyase Chain: A: PDB Molecule: pentalenene synthase; PDBTitle: crystal structure of 1,8-cineole synthase from streptomyces2 clavuligerus in complex with 2-fluoroneryl diphosphate
73	c5ermA_	Alignment	not modelled	95.9	14	PDB header: lyase Chain: A: PDB Molecule: fusicoccadiene synthase; PDBTitle: crystal structure of cyclization domain of phomopsis amygdali2 fusicoccadiene synthase complexed with magnesium ions and pamidronate
74	c5a0iA_	Alignment	not modelled	95.6	16	PDB header: lyase Chain: A: PDB Molecule: labdane-related diterpene synthase; PDBTitle: crystallographic structure of the bacterial labdane-related diterpene2 synthase lrdc in complex with mg and ppi at 2.57 a resolution.
75	c5iysA_	Alignment	not modelled	95.3	18	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: phytoene synthase; PDBTitle: crystal structure of a dehydroqualene synthase in complex with ligand
76	c5j1uB_	Alignment	not modelled	95.0	14	PDB header: lyase Chain: B: PDB Molecule: germacradien-4-ol synthase; PDBTitle: crystal structure of germacradien-4-ol synthase from streptomyces2 citricolor

77	c4okmA	 Alignment	not modelled	95.0	13	PDB header: transferase Chain: A: PDB Molecule: terpene synthase metal-binding domain-containing protein; PDBTitle: selinadiene synthase apo and in complex with diphosphate
78	c3we9A	 Alignment	not modelled	93.8	21	PDB header: transferase Chain: A: PDB Molecule: putative phytoene/squalene synthase yisp; PDBTitle: the crystal structure of yisp from bacillus subtilis subsp. subtilis2 strain 168
79	c4mc8A	 Alignment	not modelled	93.3	12	PDB header: lyase Chain: A: PDB Molecule: putative sesquiterpene cyclase; PDBTitle: hedycaryl synthase in complex with hepes
80	c6q4sA	 Alignment	not modelled	92.5	11	PDB header: unknown function Chain: A: PDB Molecule: pentalenene synthase; PDBTitle: crystal structure of a-eudesmol synthase
81	c3wccC	 Alignment	not modelled	92.3	14	PDB header: transferase Chain: C: PDB Molecule: farnesyltransferase, putative; PDBTitle: the complex structure of tcsqs with ligand, e5700
82	d1dj1a	 Alignment	not modelled	92.2	16	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Aristolochene/pentalenene synthase
83	c6egkB	 Alignment	not modelled	92.1	12	PDB header: lyase Chain: B: PDB Molecule: cucumene synthase; PDBTitle: t181n cucumene synthase
84	c3lg5A	 Alignment	not modelled	88.6	13	PDB header: lyase Chain: A: PDB Molecule: epi-isozizaene synthase; PDBTitle: f198a epi-isozizaene synthase: complex with mg, inorganic2 pyrophosphate and benzyl triethyl ammonium cation
85	d1ps1a	 Alignment	not modelled	86.5	14	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Aristolochene/pentalenene synthase
86	c3v1xA	 Alignment	not modelled	83.1	14	PDB header: lyase Chain: A: PDB Molecule: 2-methylisoborneol synthase; PDBTitle: crystal structure of 2-methylisoborneol synthase from streptomyces2 coelicolor a3(2) in complex with mg2+ and 2-fluorogeranyl diphosphate
87	c4zq8B	 Alignment	not modelled	82.8	17	PDB header: transferase Chain: B: PDB Molecule: isoprenoid synthase; PDBTitle: crystal structure of a terpene synthase from streptomyces lydicus,2 target efi-540129
88	c3v1vA	 Alignment	not modelled	78.9	16	PDB header: lyase Chain: A: PDB Molecule: 2-methylisoborneol synthase; PDBTitle: crystal structure of 2-methylisoborneol synthase from streptomyces2 coelicolor a3(2) in complex with mg2+ and geranyl-s-thiolodiphosphate
89	c5dw7A	 Alignment	not modelled	68.4	15	PDB header: lyase Chain: A: PDB Molecule: germacradienol/geosmin synthase; PDBTitle: crystal structure of the unliganded geosmin synthase n-terminal domain2 from streptomyces coelicolor
90	c1hm4A	 Alignment	not modelled	67.6	14	PDB header: lyase Chain: A: PDB Molecule: pentalenene synthase; PDBTitle: n219l pentalenene synthase
91	d2o3la1	 Alignment	not modelled	38.8	13	Fold: Left-handed superhelix Superfamily: BH3980-like Family: BH3980-like
92	c5h9dD	 Alignment	not modelled	31.7	22	PDB header: transferase Chain: D: PDB Molecule: heptaprenyl diphosphate synthase (heppp synthase) subunit 1 PDBTitle: crystal structure of heptaprenyl diphosphate synthase from2 staphylococcus aureus
93	d2hh6a1	 Alignment	not modelled	31.1	17	Fold: Left-handed superhelix Superfamily: BH3980-like Family: BH3980-like
94	c5yo8B	 Alignment	not modelled	25.5	22	PDB header: lyase Chain: B: PDB Molecule: tetraprenyl-beta-curcumene synthase; PDBTitle: crystal structure of beta-c25/c30/c35-prene synthase
95	d5easa2	 Alignment	not modelled	12.8	17	Fold: Terpenoid synthases Superfamily: Terpenoid synthases Family: Terpenoid cyclase C-terminal domain
96	d2htja1	 Alignment	not modelled	11.4	37	Fold: DNA/RNA-binding 3-helical bundle Superfamily: "Winged helix" DNA-binding domain Family: FaeA-like
97	d1s7za	 Alignment	not modelled	11.2	17	Fold: Another 3-helical bundle Superfamily: B-form DNA mimic Ocr Family: B-form DNA mimic Ocr
98	c3byvA	 Alignment	not modelled	11.1	24	PDB header: transferase Chain: A: PDB Molecule: rhoptry kinase; PDBTitle: crystal structure of toxoplasma gondii specific rhoptry2 antigen kinase domain
99	c4yf1D	 Alignment	not modelled	10.6	29	PDB header: hydrolase Chain: D: PDB Molecule: lmo0812 protein; PDBTitle: 1.85 angstrom crystal structure of lmo0812 from listeria monocytogenes2 egd-e