

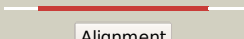

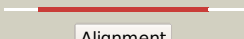
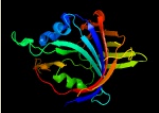









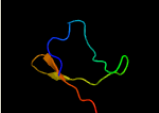



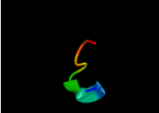

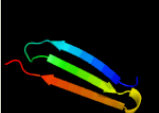


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3519_(-)_3955729_3956439
Date	Fri Aug 9 18:20:19 BST 2019
Unique Job ID	7154d30937bbda6e

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3bh2C_	 Alignment		100.0	20	PDB header: lyase Chain: C; PDB Molecule: acetoacetate decarboxylase; PDBTitle: structural studies of acetoacetate decarboxylase
2	c3bgtD_	 Alignment		100.0	20	PDB header: lyase Chain: D; PDB Molecule: probable acetoacetate decarboxylase; PDBTitle: structural studies of acetoacetate decarboxylase
3	d3c8wa1	 Alignment		100.0	21	Fold: Acetoacetate decarboxylase-like Superfamily: Acetoacetate decarboxylase-like Family: Acetoacetate decarboxylase-like
4	c4jmeA_	 Alignment		100.0	19	PDB header: unknown function Chain: A; PDB Molecule: putative uncharacterized protein mppr; PDBTitle: enduracididine biosynthesis enzyme mppr complexed with 2-keto-2 enduracididine
5	c5upbA_	 Alignment		100.0	17	PDB header: lyase Chain: A; PDB Molecule: acetoacetate decarboxylase; PDBTitle: swit_4259, an acetoacetate decarboxylase-like enzyme from sphingomonas2 wittichii rw1
6	c4zbtB_	 Alignment		100.0	25	PDB header: lyase Chain: B; PDB Molecule: acetoacetate decarboxylase; PDBTitle: streptomyces bingchengensis aldolase-dehydratase in schiff base2 complex with pyruvate
7	d3cmba1	 Alignment		99.9	16	Fold: Acetoacetate decarboxylase-like Superfamily: Acetoacetate decarboxylase-like Family: Acetoacetate decarboxylase-like
8	d1tg7a1	 Alignment		40.5	17	Fold: Beta-galactosidase LacA, domain 3 Superfamily: Beta-galactosidase LacA, domain 3 Family: Beta-galactosidase LacA, domain 3
9	c5teyB_	 Alignment		17.7	24	PDB header: transferase Chain: B; PDB Molecule: n6-adenosine-methyltransferase subunit mettl14; PDBTitle: human mettl3-mettl14 complex
10	c2jspA_	 Alignment		6.5	38	PDB header: gene regulation Chain: A; PDB Molecule: transcriptional regulatory protein ros; PDBTitle: the prokaryotic cys2his2 zinc finger adopts a novel fold as2 revealed by the nmr structure of a. tumefaciens ros dna3 binding domain
11	c6nu9A_	 Alignment		6.2	19	PDB header: viral protein Chain: A; PDB Molecule: zinc-binding non-structural protein; PDBTitle: crystal structure of a zinc-binding non-structural protein from the2 hepatitis e virus

12 [c1cf4B_](#)

Alignment



5.5

38

PDB header:transferase
Chain: B: **PDB Molecule:**protein (activated p21cdc42hs kinase);
PDBTitle: cdc42/ack gtpase-binding domain complex

13 [c5mhjA](#)

Alignment



5.5

38

PDB header:transcription

Chain: A: **PDB Molecule:**major viral transcription factor icp4;
PDBTitle: icp4 dna-binding domain, lacking intrinsically disordered region, in2 complex with 12mer dna duplex from its own promoter