

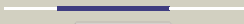
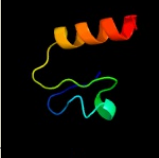








Phyre2

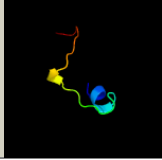
Email	mdejesus@rockefeller.edu
Description	RVBD2654c_(-)_2976999_2977244
Date	Wed Aug 7 12:50:30 BST 2019
Unique Job ID	be3d128706050dfd

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d1yt3a2	 Alignment		10.1	37	Fold: SAM domain-like Superfamily: HRDC-like Family: RNase D C-terminal domains
2	d1xrsb1	 Alignment		7.8	28	Fold: Flavodoxin-like Superfamily: Cobalamin (vitamin B12)-binding domain Family: Cobalamin (vitamin B12)-binding domain
3	c2jv8A_	 Alignment		6.4	47	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein ne1242; PDBTitle: solution structure of protein ne1242 from nitrosomonas2 europaea. northeast structural genomics consortium target3 net4
4	c4jgiB_	 Alignment		6.2	24	PDB header: protein binding Chain: B: PDB Molecule: putative uncharacterized protein; PDBTitle: 1.5 angstrom crystal structure of a novel cobalamin-binding protein2 from desulfitobacterium hafniense dcb-2
5	d1mylb_	 Alignment		5.6	70	Fold: Ribbon-helix-helix Superfamily: Ribbon-helix-helix Family: Arc/Mnt-like phage repressors

6 [c3zvmA](#)

Alignment



5.6

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PDB header:hydrolase/transferase/dna
Chain: A: **PDB Molecule:**bifunctional polynucleotide
phosphatase/kinase;
PDBTitle: the structural basis for substrate recognition by
mammalian2 polynucleotide kinase 3' phosphatase