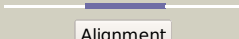

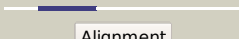

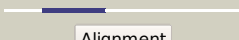
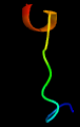










Phyre2

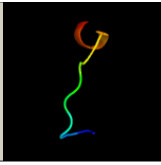
Email	mdejesus@rockefeller.edu
Description	RVBD3613c_(-)_4054060_4054221
Date	Fri Aug 9 18:20:29 BST 2019
Unique Job ID	aca2680a1835e594

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1z9iA_	 Alignment		10.5	32	PDB header: transferase Chain: A: PDB Molecule: epidermal growth factor receptor; PDBTitle: a structural model for the membrane-bound form of the2 juxtamembrane domain of the epidermal growth factor3 receptor
2	c2l1qA_	 Alignment		8.2	43	PDB header: antimicrobial protein Chain: A: PDB Molecule: liver-expressed antimicrobial peptide 2; PDBTitle: solution structure of human liver expressed antimicrobial peptide 2
3	c3udiA_	 Alignment		7.8	47	PDB header: penicillin-binding protein/antibiotic Chain: A: PDB Molecule: penicillin-binding protein 1a; PDBTitle: crystal structure of acinetobacter baumannii pbp1a in complex with2 penicillin g
4	c3pbqA_	 Alignment		6.2	40	PDB header: hydrolase/antibiotic Chain: A: PDB Molecule: penicillin-binding protein 3; PDBTitle: crystal structure of pbp3 complexed with imipenem
5	c2xa6B_	 Alignment		5.9	47	PDB header: transcription Chain: B: PDB Molecule: kh domain-containing\rna-binding\rna signal transduction- PDBTitle: structural basis for homodimerization of the src-associated during2 mitosis, 68 kd protein (sam68) qua1 domain
6	c1wrjA_	 Alignment		5.6	23	PDB header: transferase Chain: A: PDB Molecule: methylated-dna--protein-cysteine PDBTitle: crystal structure of o6-methylguanine methyltransferase2 from sulfolobus tokodaii
7	c4oonA_	 Alignment		5.6	53	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: penicillin-binding protein 1a; PDBTitle: crystal structure of pbp1a in complex with compound 17 ((4z,8s,11e,2 14s)-5-(2-amino-1,3-thiazol-4-yl)-14-(5,6-dihydroxy-1,3-dioxo-1,3-3 dihydro-2h-isindol-2-yl)-8-formyl-2-methyl-6-oxo-3,10-dioxo-4,7,11-4 triazetetradeca-4,11-diene-2,12,14-tricarboxylic acid)

8 [d2bg1a1](#)

Alignment



5.2

40

Fold:beta-lactamase/transpeptidase-like
Superfamily:beta-lactamase/transpeptidase-like
Family:beta-Lactamase/D-ala carboxypeptidase