
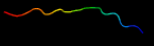

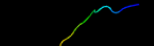


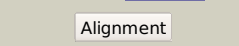
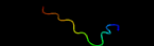

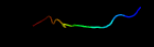
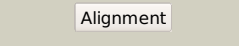
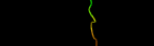
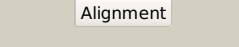
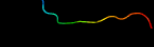
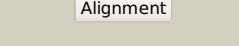

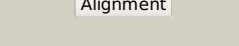

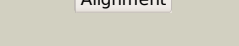

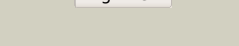

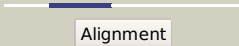











Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD0157A_(RVBD0157A)_186493_186621
 Date Tue Jul 23 14:50:20 BST 2019
 Unique Job ID 9bb5154169ee6fca

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3j6rC_	 Alignment		13.6	53	PDB header: virus Chain: C; PDB Molecule: major capsid protein I1; PDBTitle: electron cryo-microscopy of human papillomavirus type 16 capsid
2	c3iyjE_	 Alignment		12.8	40	PDB header: virus Chain: E; PDB Molecule: major capsid protein I1; PDBTitle: bovine papillomavirus type 1 outer capsid
3	d1dzla_	 Alignment		12.1	53	Fold: Nucleoplasmin-like/VP (viral coat and capsid proteins) Superfamily: Group I dsDNA viruses Family: Papovaviridae-like VP
4	c1dzlA_	 Alignment		12.1	53	PDB header: virus Chain: A; PDB Molecule: late major capsid protein I1; PDBTitle: I1 protein of human papillomavirus 16
5	c2r5lL_	 Alignment		11.7	53	PDB header: viral protein Chain: L; PDB Molecule: I1 protein; PDBTitle: pentamer structure of major capsid protein I1 of human papilloma virus2 type 18
6	c2r5kE_	 Alignment		10.5	47	PDB header: viral protein Chain: E; PDB Molecule: major capsid protein I1; PDBTitle: pentamer structure of major capsid protein I1 of human papilloma virus2 type 11
7	c6iqdG_	 Alignment		10.4	47	PDB header: structural protein Chain: G; PDB Molecule: major capsid protein I1; PDBTitle: crystal structure of hpv58/33 chimeric I1 pentamer
8	d1w0ba_	 Alignment		9.2	28	Fold: Spectrin repeat-like Superfamily: Alpha-hemoglobin stabilizing protein AHSP Family: Alpha-hemoglobin stabilizing protein AHSP
9	c5vgbB_	 Alignment		8.8	47	PDB header: hydrolase/hydrolase inhibitor Chain: B; PDB Molecule: anti-crispr protein (acriic1); PDBTitle: crystal structure of nmeas9 hnh domain bound to anti-crispr acriic1
10	d1z8ua1	 Alignment		8.6	28	Fold: Spectrin repeat-like Superfamily: Alpha-hemoglobin stabilizing protein AHSP Family: Alpha-hemoglobin stabilizing protein AHSP
11	c4v00B_	 Alignment		8.4	44	PDB header: antimicrobial protein Chain: B; PDB Molecule: monotreme lactating protein; PDBTitle: structural and functional characterization of a novel monotreme-2 specific protein from the milk of the platypus

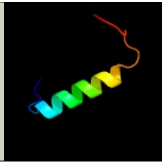
12	d1t4wa_	 Alignment		7.0	33	Fold: Common fold of diphtheria toxin/transcription factors/cytochrome f Superfamily: p53-like transcription factors Family: p53 DNA-binding domain-like
13	c5m45l_	 Alignment		6.8	44	PDB header: ligase Chain: I: PDB Molecule: acetone carboxylase gamma subunit; PDBTitle: structure of acetone carboxylase purified from xanthobacter2 autotrophicus
14	c5j9wC_	 Alignment		6.1	44	PDB header: ligase Chain: C: PDB Molecule: acetophenone carboxylase beta subunit; PDBTitle: crystal structure of the apc core complex
15	c3sqiA_	 Alignment		6.0	36	PDB header: dna binding protein/dna Chain: A: PDB Molecule: klla0e03807p; PDBTitle: dna binding domain of ndc10
16	c3t79A_	 Alignment		6.0	36	PDB header: dna binding protein/dna Chain: A: PDB Molecule: klla0e03807p; PDBTitle: ndc10: a platform for inner kinetochore assembly in budding yeast

17

[d2d6fc3](#)



Alignment



5.4

21

Fold:Glutamine synthetase/guanido kinase
Superfamily:Glutamine synthetase/guanido kinase
Family:GatB/GatE catalytic domain-like