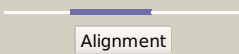
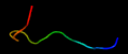
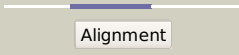
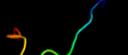
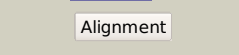

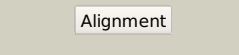
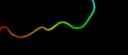
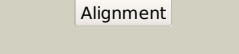
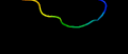
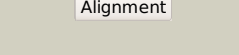

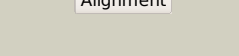

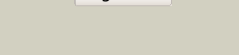





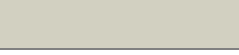



# Phyre2

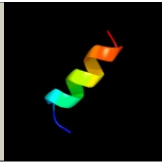
Email	mdejesus@rockefeller.edu
Description	RVBD1055_(-)_1177244_1177378
Date	Wed Jul 31 22:05:13 BST 2019
Unique Job ID	5f1b2018e970c660

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">d1a1qa_</a>	 Alignment		12.6	31	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Viral proteases
2	<a href="#">d1dxwa_</a>	 Alignment		11.6	31	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Viral proteases
3	<a href="#">d1cu1a1</a>	 Alignment		11.0	31	<b>Fold:</b> Trypsin-like serine proteases <b>Superfamily:</b> Trypsin-like serine proteases <b>Family:</b> Viral proteases
4	<a href="#">c4f2fa_</a>	 Alignment		7.7	23	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cation-transporting atpase, e1-e2 family protein; <b>PDBTitle:</b> crystal structure of the metal binding domain (mbd) of the2 streptococcus pneumoniae d39 cu(i) exporting p-type atpase copa with3 cu(i)
5	<a href="#">c4f2ea_</a>	 Alignment		6.9	23	<b>PDB header:</b> metal transport <b>Chain:</b> A: <b>PDB Molecule:</b> cupa; <b>PDBTitle:</b> crystal structure of the streptococcus pneumoniae d39 copper chaperone2 cupa with cu(i)
6	<a href="#">c4e8uA_</a>	 Alignment		6.8	43	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein t8p19.180; <b>PDBTitle:</b> crystal structure of arabidopsis idn2 xs domain along with a small2 segment of adjacent coiled-coil region
7	<a href="#">c2qv9B_</a>	 Alignment		6.8	25	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> dna polymerase; <b>PDBTitle:</b> crystal structure of the herpes simplex virus type 1 dna polymerase
8	<a href="#">c2b5bA_</a>	 Alignment		6.6	53	<b>PDB header:</b> antibiotic <b>Chain:</b> A: <b>PDB Molecule:</b> defensin; <b>PDBTitle:</b> a reptilian defensin with anti-bacterial and anti-viral2 activity
9	<a href="#">c5w3gA_</a>	 Alignment		6.6	24	<b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> transcription factor pu.1; <b>PDBTitle:</b> solution structure of ets transcription factor pu.1
10	<a href="#">c3iufA_</a>	 Alignment		6.5	50	<b>PDB header:</b> protein binding <b>Chain:</b> A: <b>PDB Molecule:</b> zinc finger protein ubi-d4; <b>PDBTitle:</b> crystal structure of the c2h2-type zinc finger domain of human ubi-d4
11	<a href="#">c2a93B_</a>	 Alignment		5.5	83	<b>PDB header:</b> leucine zippers <b>Chain:</b> B: <b>PDB Molecule:</b> c-myc-max heterodimeric leucine zipper; <b>PDBTitle:</b> nmr solution structure of the c-myc-max heterodimeric2 leucine zipper, 40 structures

12 [d1puee\\_](#)

Alignment



5.4

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**Fold:** DNA/RNA-binding 3-helical bundle  
**Superfamily:** "Winged helix" DNA-binding domain  
**Family:** ets domain