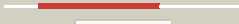
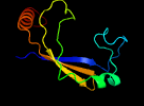

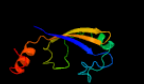
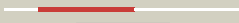






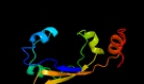







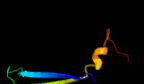

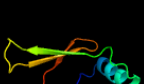
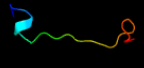
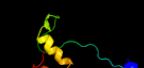


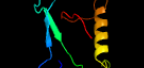



Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1577c_(-)_1782079_1782591
Date	Fri Aug 2 13:30:16 BST 2019
Unique Job ID	10c0414c838523f7

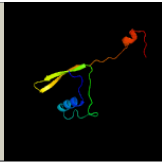
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2pbka1	 Alignment		95.6	18	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
2	d1vzva_	 Alignment		94.6	15	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
3	d1o6ea_	 Alignment		94.4	24	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
4	d1iega_	 Alignment		93.3	16	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
5	c3njqB_	 Alignment		92.6	19	PDB header: viral protein/inhibitor Chain: B: PDB Molecule: orf 17; PDBTitle: crystal structure of kaposi's sarcoma-associated herpesvirus protease2 in complex with dimer disruptor
6	d1at3a_	 Alignment		92.0	23	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
7	c4cx8B_	 Alignment		91.6	17	PDB header: viral protein Chain: B: PDB Molecule: pseudorabies virus protease; PDBTitle: monomeric pseudorabies virus protease pul26n at 2.5 a resolution
8	d2ed6a1	 Alignment		41.7	24	Fold: WSSV envelope protein-like Superfamily: WSSV envelope protein-like Family: WSSV envelope protein-like
9	d1jq6a_	 Alignment		37.8	24	Fold: Herpes virus serine proteinase, assemblin Superfamily: Herpes virus serine proteinase, assemblin Family: Herpes virus serine proteinase, assemblin
10	c3caxA_	 Alignment		30.2	14	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: uncharacterized protein pf0695; PDBTitle: crystal structure of uncharacterized protein pf0695
11	c4oy2D_	 Alignment		18.7	11	PDB header: transcription Chain: D: PDB Molecule: transcription initiation factor tffiid subunit 7; PDBTitle: crystal structure of taf1-taf7, a tffiid subcomplex

12	d1a8da2	Alignment		14.7	18	Fold: beta-Trefoil Superfamily: STI-like Family: Clostridium neurotoxins, C-terminal domain
13	c4x8rB_	Alignment		8.4	14	PDB header: solute-binding protein Chain: B: PDB Molecule: trap dicarboxylate transporter, dctp subunit; PDBTitle: crystal structure of a trap periplasmic solute binding protein from2 rhodobacter sphaeroides (rsph17029_2138, target efi-510205) with3 bound glucuronate
14	d1tdha3	Alignment		6.8	42	Fold: Glucocorticoid receptor-like (DNA-binding domain) Superfamily: Glucocorticoid receptor-like (DNA-binding domain) Family: C-terminal, Zn-finger domain of MutM-like DNA repair proteins
15	c5zdcL_	Alignment		6.3	15	PDB header: hydrolase Chain: L: PDB Molecule: poly adp-ribose glycohydrolase; PDBTitle: crystal structure of poly(adp-ribose) glycohydrolase (parg) from2 deinococcus radiodurans in complex with adp-ribose (p32)
16	c4zlpB_	Alignment		5.8	12	PDB header: transcription Chain: B: PDB Molecule: neurogenic locus notch homolog protein 3; PDBTitle: crystal structure of notch3 negative regulatory region
17	c5jblA_	Alignment		5.6	13	PDB header: hydrolase Chain: A: PDB Molecule: prohead core protein protease; PDBTitle: structure of the bacteriophage t4 capsid assembly protease, gp21.

18 [d1ckqa_](#)

Alignment



5.5

12

Fold:Restriction endonuclease-like
Superfamily:Restriction endonuclease-like
Family:Restriction endonuclease EcoRI