








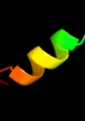





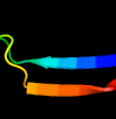








Phyre2

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 Description RVBD3016_(lpqA)_3375768_3376397
 Date Thu Aug 8 16:20:18 BST 2019
 Unique Job ID 5a76284ad6674c95

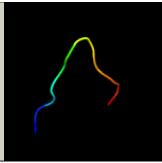
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4esqA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: serine/threonine protein kinase; PDBTitle: crystal structure of the extracellular domain of pknh from2 mycobacterium tuberculosis
2	c4ashB_	 Alignment		48.6	27	PDB header: hydrolase Chain: B: PDB Molecule: ns6 protease; PDBTitle: crystal structure of the ns6 protease from murine norovirus 1
3	c3lo3E_	 Alignment		22.6	5	PDB header: structure genomics, unknown function Chain: E: PDB Molecule: uncharacterized conserved protein; PDBTitle: the crystal structure of a conserved functionally unknown protein from2 colwellia psychrerythraea 34h.
4	d1pfta_	 Alignment		15.4	29	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: Transcriptional factor domain
5	d2fiua1	 Alignment		15.0	5	Fold: Ferredoxin-like Superfamily: Dimeric alpha+beta barrel Family: Atu0297-like
6	d1dl6a_	 Alignment		13.9	29	Fold: Rubredoxin-like Superfamily: Zinc beta-ribbon Family: Transcriptional factor domain
7	c3k1fM_	 Alignment		13.3	24	PDB header: transcription Chain: M: PDB Molecule: transcription initiation factor iib; PDBTitle: crystal structure of rna polymerase ii in complex with tftiib
8	c5a6wC_	 Alignment		12.9	12	PDB header: antiviral protein Chain: C: PDB Molecule: avr-pik protein; PDBTitle: complex of rice blast (magnaporthe oryzae) effector protein avr-pikd2 with the hma domain of pikp1 from rice (oryza sativa)
9	c2js3B_	 Alignment		12.2	12	PDB header: structural genomics, unknown function Chain: B: PDB Molecule: uncharacterized protein; PDBTitle: nmr structure of protein q6n9a4_rhopa. northeast structural genomics2 consortium target rpt8
10	c4wj2A_	 Alignment		12.0	20	PDB header: unknown function Chain: A: PDB Molecule: antigen mtb48; PDBTitle: mycobacterial protein
11	c4i0xA_	 Alignment		10.5	10	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: esat-6-like protein mab_3112; PDBTitle: crystal structure of the mycobacterium abscessus esxf (mab_3112-2 mab_3113) complex

12	c3dcaC_	Alignment		10.1	9	PDB header: structural genomics, unknown function Chain: C; PDB Molecule: rpa0582; PDBTitle: crystal structure of the rpa0582- protein of unknown2 function from rhodopseudomonas palustris- a structural3 genomics target
13	c2b3gB_	Alignment		9.4	11	PDB header: replication Chain: B; PDB Molecule: cellular tumor antigen p53; PDBTitle: p53n (fragment 33-60) bound to rpa70n
14	c4zjfA_	Alignment		8.2	18	PDB header: viral protein Chain: A; PDB Molecule: glycoprotein; PDBTitle: crystal structure of gp1 - the receptor binding domain of lassa virus
15	c3i08D_	Alignment		7.8	18	PDB header: signaling protein Chain: D; PDB Molecule: neurogenic locus notch homolog protein 1; PDBTitle: crystal structure of the s1-cleaved notch1 negative2 regulatory region (nrr)
16	c1hskA_	Alignment		6.6	19	PDB header: oxidoreductase Chain: A; PDB Molecule: udp-n-acetylenolpyruvoylglucosamine reductase; PDBTitle: crystal structure of s. aureus murb
17	c1zpzA_	Alignment		5.3	16	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase abl1; PDBTitle: solution structure of the f-actin binding domain of bcr-2 abl/c-abl
18	c2h8bA_	Alignment		5.0	17	PDB header: hormone/growth factor Chain: A; PDB Molecule: insulin-like 3; PDBTitle: solution structure of insl3

19 [c2k6tA_](#)

Alignment



5.0

17

PDB header:hormone
Chain: A: **PDB Molecule:**insulin-like 3 a chain;
PDBTitle: solution structure of the relaxin-like factor