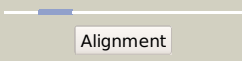

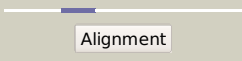
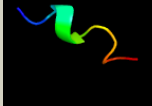
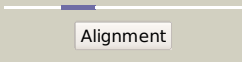

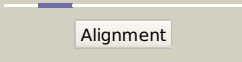

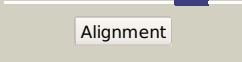

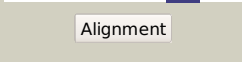

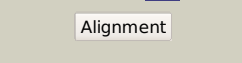

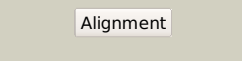

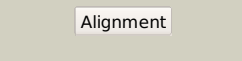

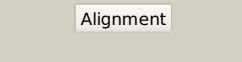

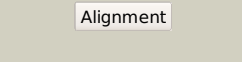



Phyre2

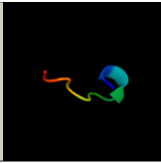
| | |
|---------------|------------------------------|
| Email | mdejesus@rockefeller.edu |
| Description | RVBD0039c (-)_42004_42351 |
| Date | Tue Jul 23 14:50:06 BST 2019 |
| Unique Job ID | 3647b2a1c6ddd4ac |

Detailed template information

| # | Template | Alignment Coverage | 3D Model | Confidence | % i.d. | Template Information |
|----|-------------------------|---|---|------------|--------|---|
| 1 | c2l5bA_ |  Alignment |  | 20.8 | 39 | PDB header: apoptosis Chain: A: PDB Molecule: activator of apoptosis harakiri; PDBTitle: solution structure of the transmembrane domain of bcl-2 member2 harakiri in micelles |
| 2 | c4cimQ_ |  Alignment |  | 10.0 | 64 | PDB header: apoptosis Chain: Q: PDB Molecule: bcl-2-like protein 2; PDBTitle: complex of a bcl-w bh3 mutant with a bh3 domain |
| 3 | c4cimP_ |  Alignment |  | 10.0 | 64 | PDB header: apoptosis Chain: P: PDB Molecule: bcl-2-like protein 2; PDBTitle: complex of a bcl-w bh3 mutant with a bh3 domain |
| 4 | c2k8jX_ |  Alignment |  | 10.0 | 58 | PDB header: viral protein Chain: X: PDB Molecule: p7tm2; PDBTitle: solution structure of hcv p7 tm2 |
| 5 | c1m0jA_ |  Alignment |  | 9.9 | 44 | PDB header: metal binding protein Chain: A: PDB Molecule: metallothionein mt_nc; PDBTitle: solution structure of the beta domain of mt_nc |
| 6 | c2lqcB_ |  Alignment |  | 9.1 | 59 | PDB header: metal binding protein/transport protein Chain: B: PDB Molecule: voltage-dependent l-type calcium channel subunit alpha-1c; PDBTitle: nmr solution structure of a ca2+-calmodulin with a binding motif2 (nscate) peptide from the n-terminal cytoplasmic domain of the l-type3 voltage-cated calcium channel alpha1c subunit |
| 7 | c1zzaA_ |  Alignment |  | 6.5 | 37 | PDB header: membrane protein Chain: A: PDB Molecule: stannin; PDBTitle: solution nmr structure of the membrane protein stannin |
| 8 | d3gpdg1 |  Alignment |  | 5.8 | 22 | Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain |
| 9 | c2msqA_ |  Alignment |  | 5.8 | 67 | PDB header: toxin Chain: A: PDB Molecule: conotoxin cbru9a; PDBTitle: solution study of cbru9a |
| 10 | d2pkqo1 |  Alignment |  | 5.8 | 8 | Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain |
| 11 | c5gyyG_ |  Alignment |  | 5.8 | 37 | PDB header: plant protein Chain: G: PDB Molecule: s-locus protein 11; PDBTitle: plant receptor complex |

12 [c2lu2A_](#)

Alignment



5.7

70

PDB header: cell adhesion
Chain: A: **PDB Molecule:** microneme tgmic5 protein;
PDB Title: mic5 regulates the activity of toxoplasma subtilisin 1 by mimicking a2 subtilisin prodomain

13 [d2fnoa1](#)

Alignment



5.3

25

Fold: GST C-terminal domain-like

Superfamily: GST C-terminal domain-like

Family: Glutathione S-transferase (GST), C-terminal domain