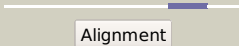
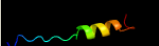



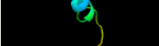
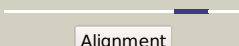

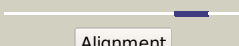
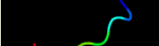
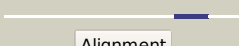

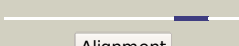
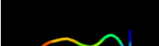
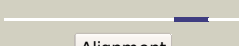
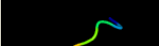







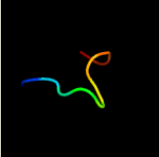
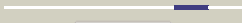
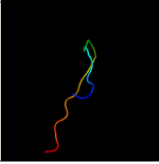


Phyre2

Email	mdejesus@rockefeller.edu
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Date	Tue Jul 23 14:50:56 BST 2019
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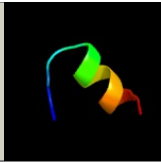
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	d2gtsa1	 Alignment		16.4	31	Fold: Ferritin-like Superfamily: HP0062-like Family: HP0062-like
2	c2y69X	 Alignment		10.2	21	PDB header: electron transport Chain: X: PDB Molecule: cytochrome c oxidase polypeptide 7b; PDBTitle: bovine heart cytochrome c oxidase re-refined with molecular oxygen
3	d1v54k	 Alignment		10.2	21	Fold: Single transmembrane helix Superfamily: Mitochondrial cytochrome c oxidase subunit VIIIb Family: Mitochondrial cytochrome c oxidase subunit VIIb
4	d2fgga1	 Alignment		8.4	9	Fold: dsRBD-like Superfamily: Rv2632c-like Family: Rv2632c-like
5	d1tyka	 Alignment		7.4	33	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins
6	c5we3A	 Alignment		7.3	43	PDB header: toxin Chain: A: PDB Molecule: beta-theraphotoxin-ps1a; PDBTitle: solution nmr structure of paurtx-3
7	d1niya	 Alignment		7.3	57	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins
8	d1mb6a	 Alignment		7.2	43	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: omega toxin-like Family: Spider toxins
9	d1m6ka	 Alignment		6.9	12	Fold: beta-lactamase/transpeptidase-like Superfamily: beta-lactamase/transpeptidase-like Family: beta-Lactamase/D-ala carboxypeptidase
10	c2cseB	 Alignment		6.5	33	PDB header: virus Chain: B: PDB Molecule: major outer-capsid protein mu1; PDBTitle: features of reovirus outer-capsid protein mu1 revealed by2 electron and image reconstruction of the virion at 7.0-a3 resolution
11	c3e6mD	 Alignment		5.9	8	PDB header: transcription regulator Chain: D: PDB Molecule: marr family transcriptional regulator; PDBTitle: the crystal structure of a marr family transcriptional2 regulator from silicibacter pomeroyi dss.

12	c4wpyA  Alignment		5.8	18 PDB header: de novo protein Chain: A: PDB Molecule: protein dl-rv1738; PDBTitle: racemic crystal structure of rv1738 from mycobacterium tuberculosis2 (form-ii)
13	d1zjka2  Alignment		5.4	14 Fold: Complement control module/SCR domain Superfamily: Complement control module/SCR domain Family: Complement control module/SCR domain

14 [c5v13B](#)

Alignment



5.4

43

PDB header:hormone-binding protein
Chain: B: **PDB Molecule:**aael008620-pa odorant-binding protein;
PDBTitle: mosquito juvenile hormone-binding protein