
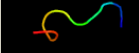
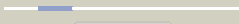


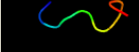



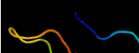

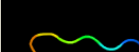



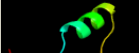



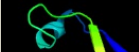

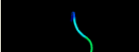


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3231c_(-)_3608361_3608870
Date	Thu Aug 8 16:20:43 BST 2019
Unique Job ID	14d61c2e5198ac25

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c1nbjA_	 Alignment		29.8	60	PDB header: plant protein Chain: A; PDB Molecule: cycloviolacin o1; PDBTitle: high-resolution solution structure of cycloviolacin o1
2	d1nbja_	 Alignment		29.8	60	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Cyclotides Family: Cycloviolacin
3	d1df6a_	 Alignment		18.5	60	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Cyclotides Family: Cycloviolacin
4	c1df6A_	 Alignment		18.5	60	PDB header: plant protein Chain: A; PDB Molecule: cycloviolacin o1; PDBTitle: 1h nmr solution structure of cycloviolacin o1
5	d1d0gr3	 Alignment		18.0	8	Fold: TNF receptor-like Superfamily: TNF receptor-like Family: TNF receptor-like
6	c6ambB_	 Alignment		15.0	44	PDB header: signaling protein Chain: B; PDB Molecule: afadin; PDBTitle: crystal structure of the afadin ra1 domain in complex with hras
7	c3dwmA_	 Alignment		9.0	23	PDB header: transferase Chain: A; PDB Molecule: 9.5 kda culture filtrate antigen cfp10a; PDBTitle: crystal structure of mycobacterium tuberculosis cyso, an antigen
8	c5ujdB_	 Alignment		8.5	21	PDB header: gene regulation Chain: B; PDB Molecule: siderophore biosynthesis protein sbni; PDBTitle: sbni from staphylococcus pseudintermedius
9	c6jdpA_	 Alignment		8.5	30	PDB header: antitoxin Chain: A; PDB Molecule: imm52 family protein; PDBTitle: the imm52 family protein tsit (pa3908) from pseudomonas aeruginosa
10	c4n6eB_	 Alignment		8.3	15	PDB header: lyase/biosynthetic protein Chain: B; PDB Molecule: this/moad family protein; PDBTitle: crystal structure of amycolatopsis orientalis bexx/cyso complex
11	d1vb8a_	 Alignment		7.0	50	Fold: Knottins (small inhibitors, toxins, lectins) Superfamily: Cyclotides Family: Cycloviolacin

12

[c1vb8A](#)

Alignment



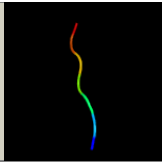
7.0

50

PDB header: plant protein
Chain: A: **PDB Molecule:** viola hederacea root peptide 1;
PDB Title: solution structure of vhr1, the first cyclotide from root2 tissue

13 [c2q6mA](#)

Alignment



6.8

57

PDB header:toxin
Chain: A: **PDB Molecule:**cholix toxin;
PDBTitle: catalytic fragment of cholix toxin from vibrio cholerae in complex2 with the pj34 inhibitor