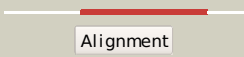

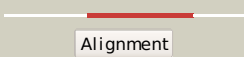
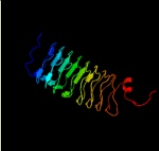
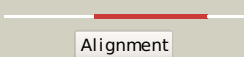

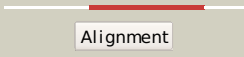

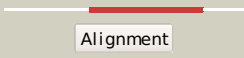
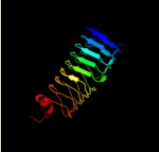
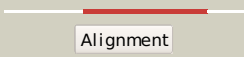
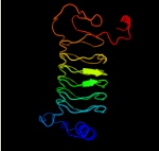
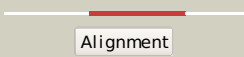
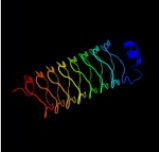
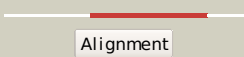

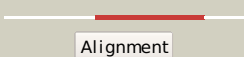

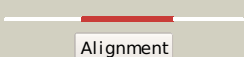

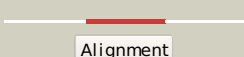
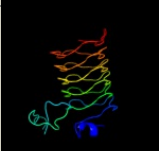









#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3du1X_</a>	 Alignment		100.0	16	<b>PDB header:</b> structural protein <b>Chain:</b> X: <b>PDB Molecule:</b> all3740 protein; <b>PDBTitle:</b> the 2.0 angstrom resolution crystal structure of hetl, a pentapeptide2 repeat protein involved in heterocyst differentiation regulation from3 the cyanobacterium nostoc sp. strain pcc 7120
2	<a href="#">c2xt4B_</a>	 Alignment		100.0	15	<b>PDB header:</b> cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> mcbg-like protein; <b>PDBTitle:</b> structure of the pentapeptide repeat protein albg, a2 resistance factor for the topoisomerase poison albicidin.
3	<a href="#">c3pssB_</a>	 Alignment		100.0	13	<b>PDB header:</b> cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> qnr; <b>PDBTitle:</b> crystal structure of ahqnr, the qnr protein from aeromonas hydrophila2 (p21 crystal form)
4	<a href="#">c2xtwB_</a>	 Alignment		100.0	14	<b>PDB header:</b> cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> qnrB1; <b>PDBTitle:</b> structure of qnrB1 (full length), a plasmid-mediated2 fluoroquinolone resistance protein
5	<a href="#">c2xt4A_</a>	 Alignment		100.0	16	<b>PDB header:</b> cell cycle <b>Chain:</b> A: <b>PDB Molecule:</b> mcbg-like protein; <b>PDBTitle:</b> structure of the pentapeptide repeat protein albg, a2 resistance factor for the topoisomerase poison albicidin.
6	<a href="#">c3nb2B_</a>	 Alignment		100.0	14	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> secreted effector protein; <b>PDBTitle:</b> crystal structure of e. coli o157:h7 effector protein nlel
7	<a href="#">c2j8kA_</a>	 Alignment		99.9	19	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> np275-np276; <b>PDBTitle:</b> structure of the fusion of np275 and np276, pentapeptide2 repeat proteins from nostoc punctiforme
8	<a href="#">d2bm5a1</a>	 Alignment		99.9	15	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pentapeptide repeat-like <b>Family:</b> Pentapeptide repeats
9	<a href="#">c2w7zB_</a>	 Alignment		99.9	18	<b>PDB header:</b> inhibitor <b>Chain:</b> B: <b>PDB Molecule:</b> pentapeptide repeat family protein; <b>PDBTitle:</b> structure of the pentapeptide repeat protein efsqr, a dna2 gyrase inhibitor. free amines modified by cyclic3 pentylation with glutaraldehyde.
10	<a href="#">d2j8ka1</a>	 Alignment		99.9	23	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pentapeptide repeat-like <b>Family:</b> Pentapeptide repeats
11	<a href="#">c2o6wA_</a>	 Alignment		99.9	14	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> repeat five residue (rfr) protein or <b>PDBTitle:</b> crystal structure of a pentapeptide repeat protein (rfr23)2 from the cyanobacterium cyanothece 51142

12	<a href="#">c3n90A_</a>	Alignment		99.9	16	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> thylakoid lumenal 15 kda protein 1, chloroplastic; <b>PDBTitle:</b> the 1.7 angstrom resolution crystal structure of at2g44920, a2 pentapeptide repeat protein from arabidopsis thaliana thylakoid3 lumen.
13	<a href="#">c2g0yA_</a>	Alignment		99.8	11	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> pentapeptide repeat protein; <b>PDBTitle:</b> crystal structure of a lumenal pentapeptide repeat protein from2 cyanothece sp 51142 at 2.3 angstrom resolution. tetragonal crystal3 form
14	<a href="#">c2qzaA_</a>	Alignment		99.8	14	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> secreted effector protein; <b>PDBTitle:</b> crystal structure of salmonella effector protein sopa
15	<a href="#">c2j8iB_</a>	Alignment		99.8	13	<b>PDB header:</b> toxin <b>Chain:</b> B: <b>PDB Molecule:</b> np275; <b>PDBTitle:</b> structure of np275, a pentapeptide repeat protein from2 nostoc punctiforme
16	<a href="#">d2f3la1</a>	Alignment		99.8	17	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pentapeptide repeat-like <b>Family:</b> Pentapeptide repeats
17	<a href="#">d2j8ia1</a>	Alignment		99.7	18	<b>Fold:</b> Single-stranded right-handed beta-helix <b>Superfamily:</b> Pentapeptide repeat-like <b>Family:</b> Pentapeptide repeats
18	<a href="#">c2y0sQ_</a>	Alignment		26.4	31	<b>PDB header:</b> transferase <b>Chain:</b> Q: <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> crystal structure of sulfolobus shibatae rna polymerase in2 p21 space group

19	<a href="#">c2y0sl_</a>	Alignment		26.4	31	<b>PDB header:</b> transferase <b>Chain:</b> J: <b>PDB Molecule:</b> rna polymerase subunit 13; <b>PDBTitle:</b> crystal structure of sulfolobus shibatae rna polymerase in2 p21 space group
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