



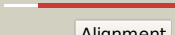
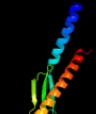







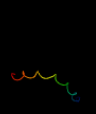

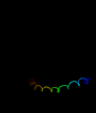

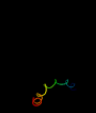

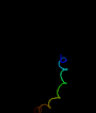

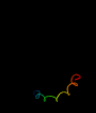






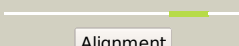

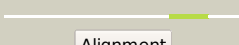
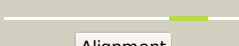







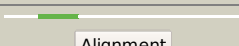



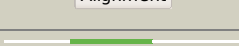
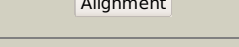


Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD3716c_(-)_4160690_4161091
Date	Fri Aug 9 18:20:41 BST 2019
Unique Job ID	b63e159672b4d9de

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3f42A_	 Alignment		99.9	22	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: protein hp0035; PDBTitle: crystal structure of uncharacterized protein hp0035 from helicobacter2 pylori
2	c1ybxA_	 Alignment		99.9	36	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: conserved hypothetical protein cth-383 from clostridium thermocellum
3	d1j8ba_	 Alignment		99.9	35	Fold: YbaB-like Superfamily: YbaB-like Family: YbaB-like
4	d1puga_	 Alignment		99.9	37	Fold: YbaB-like Superfamily: YbaB-like Family: YbaB-like
5	d1pugb_	 Alignment		99.8	38	Fold: YbaB-like Superfamily: YbaB-like Family: YbaB-like
6	c5yrxA_	 Alignment		99.8	100	PDB header: dna binding protein Chain: A: PDB Molecule: nucleoid-associated protein rv3716c; PDBTitle: crystal structure of a hypothetical protein rv3716c from mycobacterium2 tuberculosis
7	c3ah9F_	 Alignment		65.9	64	PDB header: structural protein Chain: F: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution
8	c5ctiC_	 Alignment		63.9	53	PDB header: structural protein Chain: C: PDB Molecule: collagen alpha-1(i) chain, collagen alpha-3(ix) chain; PDBTitle: crystal structure of the type ix collagen nc2 heterotrimerization2 domain with a guest fragment a2a1a1 of type i collagen (native form)
9	c3ah9E_	 Alignment		63.1	67	PDB header: structural protein Chain: E: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution
10	c3ah9B_	 Alignment		63.1	67	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution
11	c3ah9C_	 Alignment		63.1	67	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution

12	c2cuoF_	 Alignment		62.0	63	PDB header: structural protein Chain: F: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
13	c2cuoC_	 Alignment		62.0	63	PDB header: structural protein Chain: C: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
14	c2cuoE_	 Alignment		60.8	67	PDB header: structural protein Chain: E: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
15	c2cuoD_	 Alignment		60.8	67	PDB header: structural protein Chain: D: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
16	c2cuoA_	 Alignment		60.8	67	PDB header: structural protein Chain: A: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
17	c2cuoB_	 Alignment		60.8	67	PDB header: structural protein Chain: B: PDB Molecule: collagen model peptide (pro-pro-gly)9; PDBTitle: collagen model peptide (pro-pro-gly)9
18	d1lr0a_	 Alignment		59.5	16	Fold: TolA/TonB C-terminal domain Superfamily: TolA/TonB C-terminal domain Family: TolA
19	c3brca_	 Alignment		59.0	15	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: conserved protein of unknown function; PDBTitle: crystal structure of a conserved protein of unknown function from2 methanobacterium thermoautotrophicum
20	c5ctdB_	 Alignment		58.8	54	PDB header: structural protein Chain: B: PDB Molecule: collagen alpha-2(i) chain,collagen alpha-2(ix) chain; PDBTitle: crystal structure of the type ix collagen nc2 heterotrimerization2 domain with a guest fragment a2a1a1 of type i collagen
21	c5ctdA_	 Alignment	not modelled	58.6	50	PDB header: structural protein Chain: A: PDB Molecule: collagen alpha-1(i) chain,collagen alpha-1(ix) chain; PDBTitle: crystal structure of the type ix collagen nc2 heterotrimerization2 domain with a guest fragment a2a1a1 of type i collagen
22	c3tweA_	 Alignment	not modelled	58.5	19	PDB header: unknown function Chain: A: PDB Molecule: alpha4h; PDBTitle: crystal structure of the de novo designed peptide alpha4h
23	d1vqza1	 Alignment	not modelled	57.7	15	Fold: SufE/NifU Superfamily: SufE/NifU Family: SP1160 C-terminal domain-like
24	c3r07C_	 Alignment	not modelled	57.4	22	PDB header: transferase Chain: C: PDB Molecule: putative lipocate-protein ligase a subunit 2; PDBTitle: structural analysis of an archaeal lipoylation system. a bipartite2 lipocate protein ligase and its e2 lipoyl domain from thermoplasma3 acidophilum
25	c5ibyA_	 Alignment	not modelled	56.7	15	PDB header: ligase,transferase Chain: A: PDB Molecule: lipocate--protein ligase; PDBTitle: crystal structure of enterococcus faecalis lipocate-protein ligase a2 (lpla-2) in complex with lipic acid
26	c3ah9A_	 Alignment	not modelled	55.7	65	PDB header: structural protein Chain: A: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution
27	d2ba0g2	 Alignment	not modelled	55.4	11	Fold: Ribonuclease PH domain 2-like Superfamily: Ribonuclease PH domain 2-like Family: Ribonuclease PH domain 2-like
28	c3a08A_	 Alignment	not modelled	54.9	69	PDB header: structural protein Chain: A: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppq)4-ooq-(ppq)4, monoclinic, twinned

						crystal
29	c3a08B_	Alignment	not modelled	54.9	69	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4, monoclinic, twinned crystal
30	c3a19B_	Alignment	not modelled	53.5	69	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
31	c2d3hA_	Alignment	not modelled	53.5	69	PDB header: structural protein Chain: A: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4
32	c2d3hB_	Alignment	not modelled	53.5	69	PDB header: structural protein Chain: B: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4
33	d2nn6a2	Alignment	not modelled	52.2	21	Fold: Ribonuclease PH domain 2-like Superfamily: Ribonuclease PH domain 2-like Family: Ribonuclease PH domain 2-like
34	c2d3hE_	Alignment	not modelled	51.1	69	PDB header: structural protein Chain: E: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4
35	c2d3hC_	Alignment	not modelled	51.1	69	PDB header: structural protein Chain: C: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4
36	c3a19A_	Alignment	not modelled	51.1	69	PDB header: structural protein Chain: A: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
37	c3a19D_	Alignment	not modelled	49.7	69	PDB header: structural protein Chain: D: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
38	c3a19C_	Alignment	not modelled	48.7	69	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
39	c3a19E_	Alignment	not modelled	48.7	69	PDB header: structural protein Chain: E: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
40	c5d5pC_	Alignment	not modelled	48.0	11	PDB header: transferase Chain: C: PDB Molecule: hcg;g; PDBTitle: hcg;g from methanococcus maripaludis
41	c3ah9D_	Alignment	not modelled	48.0	61	PDB header: structural protein Chain: D: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)9 at 1.1 a resolution
42	c3a0mF_	Alignment	not modelled	46.8	60	PDB header: structural protein Chain: F: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-ovg-(ppg)4, monoclinic, twinned crystal
43	d2je6a2	Alignment	not modelled	45.6	13	Fold: Ribonuclease PH domain 2-like Superfamily: Ribonuclease PH domain 2-like Family: Ribonuclease PH domain 2-like
44	d2nn6c2	Alignment	not modelled	42.9	16	Fold: Ribonuclease PH domain 2-like Superfamily: Ribonuclease PH domain 2-like Family: Ribonuclease PH domain 2-like
45	c1nayC_	Alignment	not modelled	42.8	53	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: gpp-foldon:x-ray structure
46	c1x2gB_	Alignment	not modelled	42.7	13	PDB header: ligase Chain: B: PDB Molecule: lipoate-protein ligase a; PDBTitle: crystal structure of lipate-protein ligase a from2 escherichia coli
47	c2x9aB_	Alignment	not modelled	42.0	14	PDB header: viral protein Chain: B: PDB Molecule: membrane spanning protein, required for outer membrane PDBTitle: crystal structure of g3p from phage if1 in complex with its2 coreceptor, the c-terminal domain of tola
48	c3a0aC_	Alignment	not modelled	40.4	67	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-opg-(ppg)4, monoclinic, twinned crystal
49	c2m2kA_	Alignment	not modelled	40.1	22	PDB header: transport protein Chain: A: PDB Molecule: hasb protein; PDBTitle: the structure of hasb ctd
50	c1vqzA_	Alignment	not modelled	39.0	15	PDB header: ligase Chain: A: PDB Molecule: lipoate-protein ligase, putative; PDBTitle: crystal structure of a putative lipoate-protein ligase a (sp_1160)2 from streptococcus pneumoniae tigr4 at 1.99 a resolution
51	d1x2ga1	Alignment	not modelled	38.5	13	Fold: SufE/NifU Superfamily: SufE/NifU Family: SP1160 C-terminal domain-like
52	c5ij6A_	Alignment	not modelled	37.6	15	PDB header: ligase,transferase Chain: A: PDB Molecule: lipoate--protein ligase; PDBTitle: crystal structure of enterococcus faecalis lipoate-protein ligase a2 (lpla-1) in complex with lipoic acid
53	c3tweB_	Alianment	not modelled	36.5	16	PDB header: unknown function Chain: B: PDB Molecule: alpha4h;

						PDBTitle: crystal structure of the de novo designed peptide alpha4h
54	d1s94a_	Alignment	not modelled	36.5	11	Fold: STAT-like Superfamily: t-snare proteins Family: t-snare proteins
55	c1s94A_	Alignment	not modelled	36.5	11	PDB header: endocytosis/exocytosis Chain: A: PDB Molecule: s-syntaxin; PDBTitle: crystal structure of the habc domain of neuronal syntaxin from the2 squid loligo pealei
56	c1k6fA_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: A: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
57	c1k6fC_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: C: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
58	c1k6fE_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: E: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
59	c1k6fB_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: B: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
60	c1k6fD_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: D: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
61	c1k6fF_	Alignment	not modelled	35.6	67	PDB header: structural protein Chain: F: PDB Molecule: collagen triple helix; PDBTitle: crystal structure of the collagen triple helix model [(pro-pro-gly)2 10]3
62	c2npbA_	Alignment	not modelled	35.4	25	PDB header: oxidoreductase Chain: A: PDB Molecule: selenoprotein w; PDBTitle: nmr solution structure of mouse selw
63	c3a08C_	Alignment	not modelled	35.1	67	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4, monoclinic, twinned crystal
64	c1x1kA_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: A: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
65	c2d3fD_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: D: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4
66	c1x1kB_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: B: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
67	c2d3fF_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: F: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4
68	c1x1kD_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: D: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
69	c1x1kC_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: C: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
70	c2d3fE_	Alignment	not modelled	34.9	65	PDB header: structural protein Chain: E: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4
71	d2gskb1	Alignment	not modelled	33.8	22	Fold: ToIA/TonB C-terminal domain Superfamily: ToIA/TonB C-terminal domain Family: TonB
72	c4g7xB_	Alignment	not modelled	33.7	10	PDB header: protein binding/protein binding Chain: B: PDB Molecule: tola protein; PDBTitle: crystal structure of a complex between the ctxphi piii n-terminal2 domain and the vibrio cholerae tola c-terminal domain
73	c2d3fB_	Alignment	not modelled	33.5	70	PDB header: structural protein Chain: B: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4
74	c1x1kE_	Alignment	not modelled	33.5	70	PDB header: structural protein Chain: E: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
75	c2d3fC_	Alignment	not modelled	33.5	70	PDB header: structural protein Chain: C: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4
76	c2d3fA_	Alignment	not modelled	33.5	70	PDB header: structural protein Chain: A: PDB Molecule: collagen model peptides (pro-pro-gly)4-pro-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-pro-hyp-gly-(pro-pro-gly)4

77	c3a08E_	Alignment	not modelled	32.9	67	PDB header: structural protein Chain: E: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4, monoclinic, twinned crystal
78	d2ga5a1	Alignment	not modelled	31.8	10	Fold: N domain of copper amine oxidase-like Superfamily: Frataxin/Nqo15-like Family: Frataxin-like
79	c2d3hD_	Alignment	not modelled	31.6	67	PDB header: structural protein Chain: D: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4
80	c3a19F_	Alignment	not modelled	31.6	67	PDB header: structural protein Chain: F: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4_h monoclinic, twinned crystal
81	c3a08D_	Alignment	not modelled	31.6	67	PDB header: structural protein Chain: D: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4, monoclinic, twinned crystal
82	d1tola2	Alignment	not modelled	31.6	17	Fold: ToIA/TonB C-terminal domain Superfamily: ToIA/TonB C-terminal domain Family: ToIA
83	c3a0aD_	Alignment	not modelled	30.5	69	PDB header: structural protein Chain: D: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-opg-(ppg)4, monoclinic, twinned crystal
84	c3a08F_	Alignment	not modelled	30.1	69	PDB header: structural protein Chain: F: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-oog-(ppg)4, monoclinic, twinned crystal
85	d2fkia1	Alignment	not modelled	28.9	15	Fold: Secretion chaperone-like Superfamily: Yjbr-like Family: Yjbr-like
86	c2v4uA_	Alignment	not modelled	28.0	14	PDB header: ligase Chain: A: PDB Molecule: ctp synthase 2; PDBTitle: human ctp synthase 2 - glutaminase domain in complex with2 5-oxo-l-norleucine
87	d2fqla1	Alignment	not modelled	28.0	10	Fold: N domain of copper amine oxidase-like Superfamily: Frataxin/Nqo15-like Family: Frataxin-like
88	c4ifdC_	Alignment	not modelled	27.4	8	PDB header: hydrolase/rna Chain: C: PDB Molecule: exosome complex component rrp43; PDBTitle: crystal structure of an 11-subunit eukaryotic exosome complex bound to2 rna
89	c3a0mE_	Alignment	not modelled	27.3	69	PDB header: structural protein Chain: E: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-ovg-(ppg)4, monoclinic, twinned crystal
90	c3abnB_	Alignment	not modelled	27.3	69	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-asp-gly-(pro-pro-gly)4 at 1.022 a
91	c3a1hB_	Alignment	not modelled	27.2	69	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure analysis of the collagen-like peptide, (ppg)4-otg-2 (ppg)4
92	c1x1kF_	Alignment	not modelled	27.1	65	PDB header: structural protein Chain: F: PDB Molecule: host-guest peptide (pro-pro-gly)4-(pro-allohyp- PDBTitle: host-guest peptide (pro-pro-gly)4-(pro-allohyp-gly)-(pro-2 pro-gly)4
93	d1kkga_	Alignment	not modelled	26.8	14	Fold: Alpha-lytic protease prodomain-like Superfamily: Ribosome-binding factor A, RbFA Family: Ribosome-binding factor A, RbFA
94	d1u07a_	Alignment	not modelled	26.7	22	Fold: ToIA/TonB C-terminal domain Superfamily: ToIA/TonB C-terminal domain Family: TonB
95	c3a0mA_	Alignment	not modelled	25.3	69	PDB header: structural protein Chain: A: PDB Molecule: collagen-like peptide; PDBTitle: structure of (ppg)4-ovg-(ppg)4, monoclinic, twinned crystal
96	c3admD_	Alignment	not modelled	25.0	69	PDB header: structural protein Chain: D: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-ser-gly-(pro-pro-gly)4
97	c3admC_	Alignment	not modelled	24.1	60	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-ser-gly-(pro-pro-gly)4
98	c3h01A_	Alignment	not modelled	24.0	23	PDB header: viral protein Chain: A: PDB Molecule: envelope glycoprotein gp160; PDBTitle: structure of the c-terminal domain of a putative hiv-1 gp41 fusion2 intermediate
99	c5cw9A_	Alignment	not modelled	23.2	21	PDB header: de novo protein Chain: A: PDB Molecule: de novo designed ferredoxin-ferredoxin domain insertion PDBTitle: crystal structure of de novo designed ferredoxin-ferredoxin domain2 insertion protein
100	c5lw8A_	Alignment	not modelled	23.0	24	PDB header: metal transport Chain: A: PDB Molecule: protein tonb; PDBTitle: nmr solution structure of helicobacter pylori tonb-ctd (residues 194-2 285)
101	c2d3hF_	Alignment	not modelled	22.9	64	PDB header: structural protein Chain: F: PDB Molecule: collagen model peptides (pro-pro-gly)4-hyp-hyp- PDBTitle: crystal structures of collagen model peptides (pro-pro-gly)2 4-hyp-hyp-gly-(pro-pro-gly)4

102	d2nn6e2	Alignment	not modelled	22.7	16	Fold: Ribonuclease PH domain 2-like Superfamily: Ribonuclease PH domain 2-like Family: Ribonuclease PH domain 2-like
103	c3abnC	Alignment	not modelled	22.5	63	PDB header: structural protein Chain: C: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-asp-gly-(pro-pro-gly)4 at 1.022 a
104	c2grxC	Alignment	not modelled	22.4	22	PDB header: metal transport Chain: C: PDB Molecule: protein tonb; PDBTitle: crystal structure of tonb in complex with fhua, e. coli2 outer membrane receptor for ferrichrome
105	c5t8uA	Alignment	not modelled	21.9	16	PDB header: ligase Chain: A: PDB Molecule: lipoate-protein ligase 1; PDBTitle: crystal structure of p. falciparum lipI1 in complex lipoate
106	c1xx3A	Alignment	not modelled	20.6	26	PDB header: transport protein Chain: A: PDB Molecule: tonb protein; PDBTitle: solution structure of escherichia coli tonb-ctd
107	c3admB	Alignment	not modelled	20.4	62	PDB header: structural protein Chain: B: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-ser-gly-(pro-pro-gly)4
108	c3admE	Alignment	not modelled	20.4	62	PDB header: structural protein Chain: E: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-ser-gly-(pro-pro-gly)4
109	c3admF	Alignment	not modelled	20.4	62	PDB header: structural protein Chain: F: PDB Molecule: collagen-like peptide; PDBTitle: crystal structure of (pro-pro-gly)4-hyp-ser-gly-(pro-pro-gly)4