







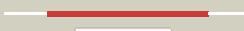















# Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD1419_(-)_1593511_1593984
Date	Wed Jul 31 22:05:52 BST 2019
Unique Job ID	9bda30b9fa22f44f

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3a23A_</a>	 Alignment		100.0	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> putative secreted alpha-galactosidase; <b>PDBTitle:</b> crystal structure of beta-l-arabinopyranosidase complexed with d-2 galactose
2	<a href="#">c2z48B_</a>	 Alignment		100.0	22	<b>PDB header:</b> toxin <b>Chain:</b> B; <b>PDB Molecule:</b> hemolytic lectin cel-iii; <b>PDBTitle:</b> crystal structure of hemolytic lectin cel-iii complexed with galnac
3	<a href="#">c1iszA_</a>	 Alignment		100.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A; <b>PDB Molecule:</b> endo-1,4-beta-d-xylanase; <b>PDBTitle:</b> crystal structure of xylanase from streptomyces2 olivaceoviridis e-86 complexed with galactose
4	<a href="#">c2ihoA_</a>	 Alignment		100.0	16	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A; <b>PDB Molecule:</b> lectin; <b>PDBTitle:</b> crystal structure of moa, a lectin from the mushroom marasmius oreades2 in complex with the trisaccharide gal(1,3)gal(1,4)glnac
5	<a href="#">c2vlcB_</a>	 Alignment		100.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B; <b>PDB Molecule:</b> type 2 ribosome-inactivating protein cinnamomin <b>PDBTitle:</b> crystal structure of natural cinnamomin (isoform iii)
6	<a href="#">c3vt2B_</a>	 Alignment		100.0	19	<b>PDB header:</b> sugar binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> ricin b lectin; <b>PDBTitle:</b> crystal structure of ct1,3gal43a in complex with isopropyl-beta-d-2 thiogalactoside
7	<a href="#">d1yf8b2</a>	 Alignment		100.0	22	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
8	<a href="#">d1v6wa1</a>	 Alignment		100.0	22	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
9	<a href="#">c4owlA_</a>	 Alignment		100.0	23	<b>PDB header:</b> toxin <b>Chain:</b> A; <b>PDB Molecule:</b> cytolysin; <b>PDBTitle:</b> crystal structure of the vibrio vulnificus hemolysin/cytolysin beta-2 trefoil lectin with n-acetyl-d-lactosamine bound
10	<a href="#">d1ggpb2</a>	 Alignment		100.0	23	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
11	<a href="#">c6eujC_</a>	 Alignment		100.0	11	<b>PDB header:</b> hydrolase <b>Chain:</b> C; <b>PDB Molecule:</b> beta-glucanase; <b>PDBTitle:</b> the gh43, beta 1,3 galactosidase, bt0265

12	<a href="#">d1m2tb2</a>	Alignment		100.0	19	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
13	<a href="#">d1oqlb2</a>	Alignment		100.0	18	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
14	<a href="#">d1ggpb1</a>	Alignment		100.0	17	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
15	<a href="#">d2rg9b2</a>	Alignment		100.0	20	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
16	<a href="#">d1knma_</a>	Alignment		100.0	19	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
17	<a href="#">d1ce7b2</a>	Alignment		100.0	19	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
18	<a href="#">c3pg0A_</a>	Alignment		100.0	23	<b>PDB header:</b> de novo protein <b>Chain:</b> A; <b>PDB Molecule:</b> threefoil; <b>PDBTitle:</b> crystal structure of designed 3-fold symmetric protein, threefoil
19	<a href="#">c1xhbA_</a>	Alignment		100.0	17	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 1; <b>PDBTitle:</b> the crystal structure of udp-galnac: polypeptide alpha-n-2 acetylgalactosaminyltransferase-t1
20	<a href="#">c4hr6C_</a>	Alignment		100.0	19	<b>PDB header:</b> sugar binding protein <b>Chain:</b> C; <b>PDB Molecule:</b> lectin; <b>PDBTitle:</b> crystal structure of snake gourd (trichosanthes anguina) seed lectin,2 a three chain homologue of type ii rips
21	<a href="#">d1vcla2</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
22	<a href="#">d1vcla1</a>	Alignment	not modelled	100.0	19	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
23	<a href="#">c1ggpB_</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> sugar binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> protein (lectin 1 b chain); <b>PDBTitle:</b> crystal structure of trichosanthes kirilowii lectin-1 and2 its relation to the type 2 ribosome inactivating proteins
24	<a href="#">d2zqna1</a>	Alignment	not modelled	100.0	14	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
25	<a href="#">c2d7iA_</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A; <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 10; <b>PDBTitle:</b> crystal structure of pp-galnac-t10 with udp, galnac and mn2+
26	<a href="#">c6iwqE_</a>	Alignment	not modelled	100.0	12	<b>PDB header:</b> transferase <b>Chain:</b> E; <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 7; <b>PDBTitle:</b> crystal structure of galnac-t7 with mn2+
27	<a href="#">c4g9nB_</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> sugar binding protein <b>Chain:</b> B; <b>PDB Molecule:</b> agglutinin; <b>PDBTitle:</b> crystal structure of the rhizoctonia solani agglutinin in complex with2 n'-acetyl-galactosamine
28	<a href="#">c3a07A_</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> antiviral protein <b>Chain:</b> A; <b>PDB Molecule:</b> actinohivin; <b>PDBTitle:</b> crystal structure of actinohivin; potent anti-hiv protein <b>PDB header:</b> transferase

29	<a href="#">c5nqaA</a>	Alignment	not modelled	100.0	20	<b>Chain:</b> A: <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 4; <b>PDBTitle:</b> crystal structure of galnac-t4 in complex with the monoglycopeptide 3
30	<a href="#">d2q3nb1</a>	Alignment	not modelled	100.0	18	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
31	<a href="#">c2mlIB</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> ribosome <b>Chain:</b> B: <b>PDB Molecule:</b> protein (ribosome-inactivating protein type ii); <b>PDBTitle:</b> mistletoe lectin i from viscum album
32	<a href="#">c6e4rB</a>	Alignment	not modelled	99.9	20	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 9; <b>PDBTitle:</b> crystal structure of the drosophila melanogaster polypeptide n-2 acetylgalactosaminyl transferase pgant9b
33	<a href="#">d1onkb2</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
34	<a href="#">d1hwmb2</a>	Alignment	not modelled	99.9	24	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
35	<a href="#">d1rzob2</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
36	<a href="#">c2x2tA</a>	Alignment	not modelled	99.9	11	<b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> agglutinin; <b>PDBTitle:</b> crystal structure of sclerotinia sclerotiorum agglutinin2 ssa in complex with gal-beta1,3-galnac
37	<a href="#">c2q3nB</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> plant protein <b>Chain:</b> B: <b>PDB Molecule:</b> agglutinin-1 b chain; <b>PDBTitle:</b> agglutinin from abrus precatorius (apa-i)
38	<a href="#">c4z8sB</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> rrna n-glycosidase; <b>PDBTitle:</b> structural studies on a non-toxic homologue of type ii rips from2 momordica charantia (bitter gourd)-native-1
39	<a href="#">d1abrb1</a>	Alignment	not modelled	99.9	13	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
40	<a href="#">d1hwmb1</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
41	<a href="#">c2ffuA</a>	Alignment	not modelled	99.9	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> polypeptide n-acetylgalactosaminyltransferase 2; <b>PDBTitle:</b> crystal structure of human ppgalnact-2 complexed with udp and ea2
42	<a href="#">d1m2tb1</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
43	<a href="#">d2q3nb2</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
44	<a href="#">d1oqlb1</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
45	<a href="#">c3c9zA</a>	Alignment	not modelled	99.9	22	<b>PDB header:</b> sugar binding protein, plant protein <b>Chain:</b> A: <b>PDB Molecule:</b> agglutinin ii; <b>PDBTitle:</b> sambucus nigra agglutinin ii (sna-ii), tetragonal crystal form
46	<a href="#">d1abrb2</a>	Alignment	not modelled	99.9	27	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
47	<a href="#">d2aaib1</a>	Alignment	not modelled	99.9	16	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
48	<a href="#">d2ihoal</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
49	<a href="#">d1xhba1</a>	Alignment	not modelled	99.9	16	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
50	<a href="#">d1rzob1</a>	Alignment	not modelled	99.9	17	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
51	<a href="#">d1ce7b1</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
52	<a href="#">d2aaib2</a>	Alignment	not modelled	99.9	21	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
53	<a href="#">c1rzoD</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> agglutinin; <b>PDBTitle:</b> agglutinin from ricinus communis with galactooza
54	<a href="#">c4izxA</a>	Alignment	not modelled	99.9	13	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ricin b-like lectin; <b>PDBTitle:</b> macrolepiota procera ricin b-like lectin (mpl) in complex with lactose <b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ricin b-related lectin;

55	<a href="#">c3phzA_</a>	Alignment	not modelled	99.9	15	<b>PDBTitle:</b> crystal structure analysis of polyporus squamosus lectin bound to2 human-type influenza-binding epitope neu5aca2-6galb1-4glcnac
56	<a href="#">d1qxa2</a>	Alignment	not modelled	99.9	12	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
57	<a href="#">c1sr4A_</a>	Alignment	not modelled	99.9	15	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> cytolethal distending toxin subunit a; <b>PDBTitle:</b> crystal structure of the haemophilus ducreyi cytolethal2 distending toxin
58	<a href="#">d1sr4a_</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
59	<a href="#">c2ehiB_</a>	Alignment	not modelled	99.9	13	<b>PDB header:</b> toxin <b>Chain:</b> B: <b>PDB Molecule:</b> main hemagglutinin component; <b>PDBTitle:</b> ha1 subcomponent of botulinum type c progenitor toxin complexed with2 n-acetylneuramic acid
60	<a href="#">c2vsaA_</a>	Alignment	not modelled	99.9	16	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> mosquitocidal toxin; <b>PDBTitle:</b> structure and mode of action of a mosquitocidal holotoxin
61	<a href="#">d2f2fa1</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
62	<a href="#">c5xg5A_</a>	Alignment	not modelled	99.9	11	<b>PDB header:</b> de novo protein <b>Chain:</b> A: <b>PDB Molecule:</b> mitsuba-1; <b>PDBTitle:</b> crystal structure of mitsuba-1 with bound nacgal
63	<a href="#">c3nbeA_</a>	Alignment	not modelled	99.9	12	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ricin b-like lectin; <b>PDBTitle:</b> clitocybe nebularis ricin b-like lectin (cni) in complex with n,n'-2 diacetyllactosediamine
64	<a href="#">c1ybiA_</a>	Alignment	not modelled	99.9	13	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> non-toxin haemagglutinin ha34; <b>PDBTitle:</b> crystal structure of ha33a, a neurotoxin-associated protein2 from clostridium botulinum type a
65	<a href="#">c4jp0A_</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> 43.8 kda insecticidal crystal protein; <b>PDBTitle:</b> crystal structure of cry35ab1
66	<a href="#">c5foza_</a>	Alignment	not modelled	99.8	11	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> toxin; <b>PDBTitle:</b> de novo structure of the binary mosquito larvicide binab at ph 10
67	<a href="#">d1upsa2</a>	Alignment	not modelled	99.8	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> GlcNAc-alpha-1,4-Gal-releasing endo-beta-galactosidase, GngC, C-terminal domain
68	<a href="#">d1dqga_</a>	Alignment	not modelled	99.8	17	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Cysteine rich domain
69	<a href="#">d1qxa1</a>	Alignment	not modelled	99.8	13	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
70	<a href="#">c3wa1A_</a>	Alignment	not modelled	99.5	14	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> binb protein; <b>PDBTitle:</b> crystal structure of binb: a receptor binding component of the binary2 toxin from lysinibacillus sphaericus
71	<a href="#">c5xtwH_</a>	Alignment	not modelled	98.6	21	<b>PDB header:</b> sugar binding protein <b>Chain:</b> H: <b>PDB Molecule:</b> macrophage mannose receptor 1; <b>PDBTitle:</b> crystal structure of the cysr-ctld2 fragment of human mr at acidic ph
72	<a href="#">c3o44G_</a>	Alignment	not modelled	98.6	19	<b>PDB header:</b> toxin <b>Chain:</b> G: <b>PDB Molecule:</b> hemolysin; <b>PDBTitle:</b> crystal structure of the vibrio cholerae cytolysin (hlya) heptameric2 pore
73	<a href="#">c1xezA_</a>	Alignment	not modelled	98.5	19	<b>PDB header:</b> toxin <b>Chain:</b> A: <b>PDB Molecule:</b> hemolysin; <b>PDBTitle:</b> crystal structure of the vibrio cholerae cytolysin (hlya)2 pro-toxin with octylglucoside bound
74	<a href="#">c5ak1A_</a>	Alignment	not modelled	98.3	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> carbohydrate binding family 6; <b>PDBTitle:</b> the penta-modular cellulosomal arabinoxylanase ctxyl5a2 structure as revealed by x-ray crystallography
75	<a href="#">c3wmvA_</a>	Alignment	not modelled	98.0	13	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> lectin; <b>PDBTitle:</b> the structure of an anti-cancer lectin mytilec with ligand from the2 mussel mytilus galloprovincialis
76	<a href="#">c5e4IB_</a>	Alignment	not modelled	97.8	11	<b>PDB header:</b> sugar binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> c-type mannose receptor 2; <b>PDBTitle:</b> structure of ligand binding region of uparap at ph 5.3
77	<a href="#">c5ao6A_</a>	Alignment	not modelled	97.5	22	<b>PDB header:</b> endocytosis <b>Chain:</b> A: <b>PDB Molecule:</b> c-type mannose receptor 2; <b>PDBTitle:</b> endo180 d1-4, trigonal form
78	<a href="#">c5foyb_</a>	Alignment	not modelled	95.0	13	<b>PDB header:</b> toxin <b>Chain:</b> B: <b>PDB Molecule:</b> larvicidal toxin 51 kda protein; <b>PDBTitle:</b> de novo structure of the binary mosquito larvicide binab at ph 7
79	<a href="#">d1sr4c_</a>	Alignment	not modelled	93.4	22	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like
80	<a href="#">c2f2fC_</a>	Alignment	not modelled	93.1	25	<b>PDB header:</b> toxin <b>Chain:</b> C: <b>PDB Molecule:</b> cytolethal distending toxin c; <b>PDBTitle:</b> crystal structure of cytolethal distending toxin (cdt) from2 actinobacillus actinomycetemcomitans
81	<a href="#">d2f2fc1</a>	Alignment	not modelled	93.1	25	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Ricin B-like lectins <b>Family:</b> Ricin B-like

82	<a href="#">c1upsB_</a>	Alignment	not modelled	78.1	16	<b>PDB header:</b> glycosyl hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> glcnac-alpha-1,4-gal-releasing endo-beta-galactosidase; <b>PDBTitle:</b> glcnac[alpha]1-4gal releasing endo-[beta]-galactosidase from2 clostridium perfringens
83	<a href="#">d1dfca1</a>	Alignment	not modelled	74.5	15	<b>Fold:</b> beta-Trefoil <b>Superfamily:</b> Actin-crosslinking proteins <b>Family:</b> Fascin
84	<a href="#">c4i4sC_</a>	Alignment	not modelled	71.5	14	<b>PDB header:</b> sugar binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> bel beta-trefoil; <b>PDBTitle:</b> bel beta-trefoil complex with lactose
85	<a href="#">c2lieA_</a>	Alignment	not modelled	68.4	16	<b>PDB header:</b> sugar binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> ccl2 lectin; <b>PDBTitle:</b> nmr structure of the lectin ccl2
86	<a href="#">c4uw8F_</a>	Alignment	not modelled	49.9	15	<b>PDB header:</b> viral protein <b>Chain:</b> F: <b>PDB Molecule:</b> l-shaped tail fiber protein; <b>PDBTitle:</b> structure of the carboxy-terminal domain of the bacteriophage t5 l-2 shaped tail fiber with its intra-molecular chaperone domain
87	<a href="#">c3n0kA_</a>	Alignment	not modelled	24.7	15	<b>PDB header:</b> hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> serine protease inhibitor 1; <b>PDBTitle:</b> proteinase inhibitor from coprinopsis cinerea
88	<a href="#">c2mxqA_</a>	Alignment	not modelled	13.9	23	<b>PDB header:</b> antimicrobial protein <b>Chain:</b> A: <b>PDB Molecule:</b> paneth cell-specific alpha-defensin 1; <b>PDBTitle:</b> the solution structure of defa1, a highly potent antimicrobial peptide2 from the horse