





















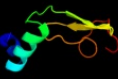



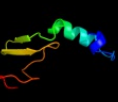


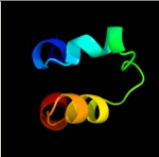


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1slyA_</a>	 Alignment		100.0	22	<b>PDB header:</b> glycosyltransferase <b>Chain:</b> A: <b>PDB Molecule:</b> 70-kda soluble lytic transglycosylase; <b>PDBTitle:</b> complex of the 70-kda soluble lytic transglycosylase with2 bulgecin a
2	<a href="#">c2y8pA_</a>	 Alignment		100.0	24	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> endo-type membrane-bound lytic murein transglycosylase a; <b>PDBTitle:</b> crystal structure of an outer membrane-anchored endolytic2 peptidoglycan lytic transglycosylase (mlte) from3 escherichia coli
3	<a href="#">dlqsaa2</a>	 Alignment		100.0	23	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> Bacterial muramidase, catalytic domain
4	<a href="#">c3mgwA_</a>	 Alignment		100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lysozyme g; <b>PDBTitle:</b> thermodynamics and structure of a salmon cold-active goose-type2 lysozyme
5	<a href="#">dlgbsa_</a>	 Alignment		100.0	24	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> G-type lysozyme
6	<a href="#">c3gxkB_</a>	 Alignment		99.9	22	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> goose-type lysozyme 1; <b>PDBTitle:</b> the crystal structure of g-type lysozyme from atlantic cod2 (gadus morhua l.) in complex with nag oligomers sheds new3 light on substrate binding and the catalytic mechanism.4 native structure to 1.9
7	<a href="#">c3bkhA_</a>	 Alignment		98.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lytic transglycosylase; <b>PDBTitle:</b> crystal structure of the bacteriophage phikz lytic2 transglycosylase, gp144
8	<a href="#">dlqusa_</a>	 Alignment		98.7	22	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> Bacterial muramidase, catalytic domain
9	<a href="#">dlgd6a_</a>	 Alignment		98.4	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
10	<a href="#">dliiza_</a>	 Alignment		98.2	20	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
11	<a href="#">c2fbdB_</a>	 Alignment		98.2	22	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> lysozyme 1; <b>PDBTitle:</b> the crystallographic structure of the digestive lysozyme 1 from musca2 domestica at 1.90 ang.

12	<a href="#">dlhha_</a>	Alignment		97.9	16	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
13	<a href="#">d2vb1a1</a>	Alignment		97.8	17	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
14	<a href="#">dlsga1</a>	Alignment		97.8	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
15	<a href="#">dljsea_</a>	Alignment		97.7	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
16	<a href="#">dlghla_</a>	Alignment		97.7	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
17	<a href="#">dlmqa_</a>	Alignment		97.6	20	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
18	<a href="#">c2goiC</a>	Alignment		97.6	14	<b>PDB header:</b> cell adhesion, sugar binding protein <b>Chain:</b> C: <b>PDB Molecule:</b> sperm lysozyme-like protein 1; <b>PDBTitle:</b> crystal structure of mouse sperm c-type lysozyme-like2 protein 1
19	<a href="#">clxsfa_</a>	Alignment		97.5	18	<b>PDB header:</b> cell cycle, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> probable resuscitation-promoting factor rpfb; <b>PDBTitle:</b> solution structure of a resuscitation promoting factor2 domain from mycobacterium tuberculosis
20	<a href="#">d2eqla_</a>	Alignment		97.4	24	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
21	<a href="#">dljuga_</a>	Alignment	not modelled	97.4	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
22	<a href="#">c2z2fa_</a>	Alignment	not modelled	97.3	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lysozyme c-2; <b>PDBTitle:</b> x-ray crystal structure of bovine stomach lysozyme
23	<a href="#">dlqqya_</a>	Alignment	not modelled	97.2	17	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
24	<a href="#">dlb9oa_</a>	Alignment	not modelled	97.2	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
25	<a href="#">dlxsfa1</a>	Alignment	not modelled	97.2	18	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> RPF-like
26	<a href="#">dlfkqa_</a>	Alignment	not modelled	97.0	20	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
27	<a href="#">d2nwdx1</a>	Alignment	not modelled	97.0	19	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
28	<a href="#">dlyroa1</a>	Alignment	not modelled	97.0	23	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
29	<a href="#">dlf6sa_</a>	Alignment	not modelled	96.9	25	<b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like

					<b>Family:</b> C-type lysozyme
30	<a href="#">dlivma_</a>	Alignment	not modelled	96.9	24 <b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
31	<a href="#">d1alca_</a>	Alignment	not modelled	96.8	21 <b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
32	<a href="#">d1hfxa_</a>	Alignment	not modelled	96.8	26 <b>Fold:</b> Lysozyme-like <b>Superfamily:</b> Lysozyme-like <b>Family:</b> C-type lysozyme
33	<a href="#">c3eo5A_</a>	Alignment	not modelled	96.5	17 <b>PDB header:</b> cell adhesion <b>Chain:</b> A: <b>PDB Molecule:</b> resuscitation-promoting factor rpfb; <b>PDBTitle:</b> crystal structure of the resuscitation promoting factor rpfb
34	<a href="#">c3fi7A_</a>	Alignment	not modelled	95.6	19 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lmo1076 protein; <b>PDBTitle:</b> crystal structure of the autolysin auto (lmo1076) from listeria2 monocytogenes, catalytic domain
35	<a href="#">c3ct5A_</a>	Alignment	not modelled	95.3	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> morphogenesis protein 1; <b>PDBTitle:</b> crystal and cryoem structural studies of a cell wall degrading enzyme2 in the bacteriophage phi29 tail
36	<a href="#">c2zycA_</a>	Alignment	not modelled	94.6	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidoglycan hydrolase flgj; <b>PDBTitle:</b> crystal structure of peptidoglycan hydrolase from2 sphingomonas sp. a1
37	<a href="#">c3ab6A_</a>	Alignment	not modelled	91.9	15 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lysozyme; <b>PDBTitle:</b> crystal structure of nag3 bound lysozyme from meretrix lusoria
38	<a href="#">c2dqaA_</a>	Alignment	not modelled	88.5	13 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lysozyme; <b>PDBTitle:</b> crystal structure of tapes japonica lysozyme
39	<a href="#">c3csqC_</a>	Alignment	not modelled	88.0	18 <b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> morphogenesis protein 1; <b>PDBTitle:</b> crystal and cryoem structural studies of a cell wall2 degrading enzyme in the bacteriophage phi29 tail
40	<a href="#">c2k5eA_</a>	Alignment		52.9	5 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein; <b>PDBTitle:</b> solution structure of putative uncharacterized protein2 gsu1278 from methanocaldococcus jannaschii, northeast3 structural genomics consortium (nesg) target gsr195
41	<a href="#">d1idra_</a>	Alignment	not modelled	49.1	8 <b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Truncated hemoglobin
42	<a href="#">c3aq8A_</a>	Alignment	not modelled	48.6	5 <b>PDB header:</b> oxygen binding <b>Chain:</b> A: <b>PDB Molecule:</b> group 1 truncated hemoglobin; <b>PDBTitle:</b> crystal structure of truncated hemoglobin from tetrahymena pyriformis, 2 q46e mutant, fe(iii) form
43	<a href="#">c3k1tA_</a>	Alignment	not modelled	48.1	26 <b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutamate--cysteine ligase gsha; <b>PDBTitle:</b> crystal structure of putative gamma-glutamylcysteine synthetase2 (yp_546622.1) from methylobacillus flagellatus kt at 1.90 a3 resolution
44	<a href="#">d1dlwa_</a>	Alignment	not modelled	46.4	8 <b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Truncated hemoglobin
45	<a href="#">d1nvma1</a>	Alignment	not modelled	44.1	13 <b>Fold:</b> RuvA C-terminal domain-like <b>Superfamily:</b> post-HMGL domain-like <b>Family:</b> DmpG/LeuA communication domain-like
46	<a href="#">c2k53A_</a>	Alignment	not modelled	43.5	14 <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> a3dk08 protein; <b>PDBTitle:</b> nmr solution structure of a3dk08 protein from clostridium2 thermocellum: northeast structural genomics consortium3 target cmr9
47	<a href="#">c2bmmA_</a>	Alignment	not modelled	41.7	10 <b>PDB header:</b> oxygen storage/transport <b>Chain:</b> A: <b>PDB Molecule:</b> thermostable hemoglobin from thermobifida fusca; <b>PDBTitle:</b> x-ray structure of a novel thermostable hemoglobin from the2 actinobacterium thermobifida fusca
48	<a href="#">c1dlyA_</a>	Alignment	not modelled	38.0	5 <b>PDB header:</b> oxygen storage/transport <b>Chain:</b> A: <b>PDB Molecule:</b> hemoglobin; <b>PDBTitle:</b> x-ray crystal structure of hemoglobin from the green2 unicellular alga chlamydomonas eugametos
49	<a href="#">d1dlya_</a>	Alignment	not modelled	38.0	5 <b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Truncated hemoglobin
50	<a href="#">d1xqoa_</a>	Alignment	not modelled	24.6	19 <b>Fold:</b> DNA-glycosylase <b>Superfamily:</b> DNA-glycosylase <b>Family:</b> AgoG-like
51	<a href="#">c2kscA_</a>	Alignment	not modelled	19.6	10 <b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> cyanoglobin; <b>PDBTitle:</b> solution structure of synechococcus sp. pcc 7002 hemoglobin
52	<a href="#">d2coba1</a>	Alignment	not modelled	19.4	17 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Psq domain
53	<a href="#">d1xg7a_</a>	Alignment	not modelled	19.2	15 <b>Fold:</b> DNA-glycosylase <b>Superfamily:</b> DNA-glycosylase <b>Family:</b> AgoG-like
54	<a href="#">d1bw6a_</a>	Alignment	not modelled	18.8	25 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like

					<b>Family:</b> Centromere-binding
55	<a href="#">dls69a_</a>	Alignment	not modelled	14.1	7 <b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Truncated hemoglobin
56	<a href="#">c2xykB_</a>	Alignment	not modelled	14.0	21 <b>PDB header:</b> oxygen storage/transport <b>Chain:</b> B: <b>PDB Molecule:</b> 2-on-2 hemoglobin; <b>PDBTitle:</b> group ii 2-on-2 hemoglobin from the plant pathogen2 agrobacterium tumefaciens
57	<a href="#">d1sdia_</a>	Alignment	not modelled	13.7	13 <b>Fold:</b> YcfC-like <b>Superfamily:</b> YcfC-like <b>Family:</b> YcfC-like
58	<a href="#">c2yusA_</a>	Alignment	not modelled	13.6	21 <b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> swi/snf-related matrix-associated actin- <b>PDBTitle:</b> solution structure of the sant domain of human swi/snf-2 related matrix-associated actin-dependent regulator of3 chromatin subfamily c member 1
59	<a href="#">d1ux8a_</a>	Alignment	not modelled	13.3	7 <b>Fold:</b> Globin-like <b>Superfamily:</b> Globin-like <b>Family:</b> Truncated hemoglobin
60	<a href="#">d1i3ja_</a>	Alignment	not modelled	9.7	32 <b>Fold:</b> DNA-binding domain of intron-encoded endonucleases <b>Superfamily:</b> DNA-binding domain of intron-encoded endonucleases <b>Family:</b> DNA-binding domain of intron-encoded endonucleases
61	<a href="#">d2jn6a1</a>	Alignment	not modelled	9.7	19 <b>Fold:</b> DNA/RNA-binding 3-helical bundle <b>Superfamily:</b> Homeodomain-like <b>Family:</b> Cgl2762-like
62	<a href="#">d1yt3a2</a>	Alignment	not modelled	9.5	18 <b>Fold:</b> SAM domain-like <b>Superfamily:</b> HRDC-like <b>Family:</b> RNase D C-terminal domains
63	<a href="#">d1r2aa_</a>	Alignment	not modelled	9.4	17 <b>Fold:</b> Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit <b>Superfamily:</b> Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit <b>Family:</b> Dimerization-anchoring domain of cAMP-dependent PK regulatory subunit
64	<a href="#">d1vpda1</a>	Alignment	not modelled	9.0	19 <b>Fold:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Superfamily:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Family:</b> Hydroxyisobutyrate and 6-phosphogluconate dehydrogenase domain
65	<a href="#">c2gloA_</a>	Alignment	not modelled	7.6	21 <b>PDB header:</b> transcription/dna <b>Chain:</b> A: <b>PDB Molecule:</b> brinker cg9653-pa; <b>PDBTitle:</b> solution structure of the brinker dna binding domain in2 complex with the omb enhancer
66	<a href="#">d1qdva_</a>	Alignment	not modelled	7.3	21 <b>Fold:</b> POZ domain <b>Superfamily:</b> POZ domain <b>Family:</b> Tetramerization domain of potassium channels
67	<a href="#">c1yx5A_</a>	Alignment	not modelled	7.2	42 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 26s proteasome non-atpase regulatory subunit 4; <b>PDBTitle:</b> solution structure of s5a uim-1/ubiquitin complex
68	<a href="#">c2z39A_</a>	Alignment	not modelled	7.2	23 <b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> chitinase; <b>PDBTitle:</b> crystal structure of brassica juncea chitinase catalytic2 module glu234ala mutant (bjchi3-e234a)
69	<a href="#">c2rn7A_</a>	Alignment	not modelled	7.1	18 <b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> is629 orfa; <b>PDBTitle:</b> nmr solution structure of tnpe protein from shigella2 flexneri. northeast structural genomics target sfr125
70	<a href="#">d2cvza1</a>	Alignment	not modelled	7.1	5 <b>Fold:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Superfamily:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Family:</b> Hydroxyisobutyrate and 6-phosphogluconate dehydrogenase domain
71	<a href="#">d3cuma1</a>	Alignment	not modelled	7.0	9 <b>Fold:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Superfamily:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Family:</b> Hydroxyisobutyrate and 6-phosphogluconate dehydrogenase domain
72	<a href="#">c1hlvA_</a>	Alignment	not modelled	6.6	23 <b>PDB header:</b> dna binding protein/dna <b>Chain:</b> A: <b>PDB Molecule:</b> major centromere autoantigen b; <b>PDBTitle:</b> crystal structure of cenp-b(1-129) complexed with the cenp-2 b box dna
73	<a href="#">d1vkeb_</a>	Alignment	not modelled	6.3	2 <b>Fold:</b> AhpD-like <b>Superfamily:</b> AhpD-like <b>Family:</b> CMD-like
74	<a href="#">d1tlda_</a>	Alignment	not modelled	6.1	17 <b>Fold:</b> POZ domain <b>Superfamily:</b> POZ domain <b>Family:</b> Tetramerization domain of potassium channels
75	<a href="#">c2elhA_</a>	Alignment	not modelled	5.6	25 <b>PDB header:</b> dna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> cg11849-pa; <b>PDBTitle:</b> solution structure of the cenp-b n-terminal dna-binding2 domain of fruit fly distal antenna cg11849-pa
76	<a href="#">d1riqa1</a>	Alignment	not modelled	5.4	27 <b>Fold:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS) <b>Superfamily:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS) <b>Family:</b> Putative anticodon-binding domain of alanyl-tRNA synthetase (AlaRS)
77	<a href="#">d1i36a1</a>	Alignment	not modelled	5.1	18 <b>Fold:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Superfamily:</b> 6-phosphogluconate dehydrogenase C-terminal domain-like <b>Family:</b> Conserved hypothetical protein MTH1747