



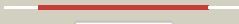


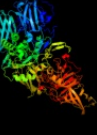





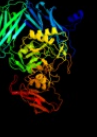
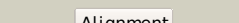

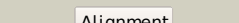



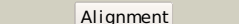







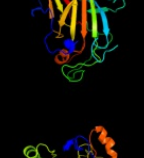
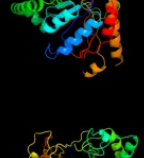
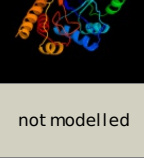


#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c3mv14_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> 4: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> e.coli (lacZ) beta-galactosidase (r599a) in complex with guanidinium
2	<a href="#">c1jz6C_</a>	 Alignment		100.0	34	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> e. coli (lacZ) beta-galactosidase in complex with galacto-2 tetrazole
3	<a href="#">c3bgaB_</a>	 Alignment		100.0	32	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> crystal structure of beta-galactosidase from bacteroides2 thetaiotaomicron vpi-5482
4	<a href="#">c3obaA_</a>	 Alignment		100.0	36	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> structure of the beta-galactosidase from kluyveromyces lactis
5	<a href="#">c1yq2C_</a>	 Alignment		100.0	33	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> beta-galactosidase from arthrobacter sp. c2-2 (isoenzyme c2-2 2-1)
6	<a href="#">c3gm8A_</a>	 Alignment		100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> glycoside hydrolase family 2, candidate beta-glycosidase; <b>PDBTitle:</b> crystal structure of a beta-glycosidase from bacteroides vulgatus
7	<a href="#">c3fn9B_</a>	 Alignment		100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative beta-galactosidase; <b>PDBTitle:</b> crystal structure of putative beta-galactosidase from bacteroides2 fragilis
8	<a href="#">c3cmgA_</a>	 Alignment		100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative beta-galactosidase; <b>PDBTitle:</b> crystal structure of putative beta-galactosidase from bacteroides2 fragilis
9	<a href="#">c2je8B_</a>	 Alignment		100.0	19	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-mannosidase; <b>PDBTitle:</b> structure of a beta-mannosidase from bacteroides2 thetaiotaomicron
10	<a href="#">c3lpgA_</a>	 Alignment		100.0	24	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucuronidase; <b>PDBTitle:</b> structure of e. coli beta-glucuronidase bound with a novel, potent2 inhibitor 3-(2-fluorophenyl)-1-(2-hydroxyethyl)-1-((6-methyl-2-oxo-1,3 2-dihydroquinolin-3-yl)methyl)urea
11	<a href="#">c2vzvB_</a>	 Alignment		100.0	16	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> exo-beta-d-glucosaminidase; <b>PDBTitle:</b> substrate complex of amycolatopsis orientalis exo-2 chitosanase csxa e541a with chitosan

12	<a href="#">c1bhgB_</a>	Alignment		100.0	24	<b>PDB header:</b> glycosidase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-glucuronidase; <b>PDBTitle:</b> human beta-glucuronidase at 2.6 a resolution
13	<a href="#">d1jz8a4</a>	Alignment		100.0	21	<b>Fold:</b> Supersandwich <b>Superfamily:</b> Galactose mutarotase-like <b>Family:</b> beta-Galactosidase, domain 5
14	<a href="#">d1yq2a4</a>	Alignment		100.0	24	<b>Fold:</b> Supersandwich <b>Superfamily:</b> Galactose mutarotase-like <b>Family:</b> beta-Galactosidase, domain 5
15	<a href="#">d1yq2a5</a>	Alignment		100.0	43	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
16	<a href="#">d1jz8a5</a>	Alignment		100.0	43	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
17	<a href="#">d1jz8a3</a>	Alignment		100.0	42	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> beta-Galactosidase/glucuronidase, N-terminal domain
18	<a href="#">d1yq2a3</a>	Alignment		100.0	39	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> beta-Galactosidase/glucuronidase, N-terminal domain
19	<a href="#">d2je8a5</a>	Alignment		100.0	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
20	<a href="#">d2vzsa5</a>	Alignment		100.0	13	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
21	<a href="#">d1uuqa_</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
22	<a href="#">c1uz4A_</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> man5a; <b>PDBTitle:</b> common inhibition of beta-glucosidase and beta-mannosidase2 by isofagomine lactam reflects different conformational3 itineraries for glucoside and mannoside hydrolysis
23	<a href="#">d1bhga3</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
24	<a href="#">d1tg7a5</a>	Alignment	not modelled	100.0	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Glycosyl hydrolases family 35 catalytic domain
25	<a href="#">d1bhga2</a>	Alignment	not modelled	100.0	21	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> beta-Galactosidase/glucuronidase, N-terminal domain
26	<a href="#">d2je8a4</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> beta-Galactosidase/glucuronidase, N-terminal domain
27	<a href="#">c2w62A_</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> glycolipid-anchored surface protein 2; <b>PDBTitle:</b> saccharomyces cerevisiae gas2p in complex with2 laminari pentaose
28	<a href="#">d2c0ha1</a>	Alignment	not modelled	100.0	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases

29	<a href="#">d2vzsa4</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> beta-Galactosidase/glucuronidase, N-terminal domain
30	<a href="#">d1wkya2</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
31	<a href="#">d1rh9a1</a>	Alignment	not modelled	99.9	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
32	<a href="#">d1qnra_</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
33	<a href="#">c3jugA_</a>	Alignment	not modelled	99.9	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-mannanase; <b>PDBTitle:</b> crystal structure of endo-beta-1,4-mannanase from the alkaliphilic2 bacillus sp. n16-5
34	<a href="#">d1tvna1</a>	Alignment	not modelled	99.9	12	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
35	<a href="#">d1bqca_</a>	Alignment	not modelled	99.9	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
36	<a href="#">d7a3ha_</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
37	<a href="#">d1egza_</a>	Alignment	not modelled	99.9	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
38	<a href="#">c3pzvB_</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglucanase; <b>PDBTitle:</b> c2 crystal form of the endo-1,4-beta-glucanase from bacillus subtilis2 168
39	<a href="#">c2cksB_</a>	Alignment	not modelled	99.9	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglucanase e-5; <b>PDBTitle:</b> x-ray crystal structure of the catalytic domain of2 thermobifida fusca endoglucanase cel5a (e5)
40	<a href="#">d1tg7a2</a>	Alignment	not modelled	99.9	16	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> Beta-galactosidase LacA, domains 4 and 5
41	<a href="#">c3civA_</a>	Alignment	not modelled	99.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endo-beta-1,4-mannanase; <b>PDBTitle:</b> crystal structure of the endo-beta-1,4-mannanase from2 alicyclobacillus acidocaldarius
42	<a href="#">d1ecea_</a>	Alignment	not modelled	99.9	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
43	<a href="#">c3thdD_</a>	Alignment	not modelled	99.9	18	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> crystal structure of human beta-galactosidase in complex with 1-2 deoxygalactonojirimycin
44	<a href="#">c1wkyA_</a>	Alignment	not modelled	99.8	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endo-beta-1,4-mannanase; <b>PDBTitle:</b> crystal structure of alkaline mannanase from bacillus sp. strain jamb-2 602: catalytic domain and its carbohydrate binding module
45	<a href="#">d1yq2a1</a>	Alignment	not modelled	99.8	22	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
46	<a href="#">d1jz8a2</a>	Alignment	not modelled	99.8	29	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
47	<a href="#">d1jz8a1</a>	Alignment	not modelled	99.8	32	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
48	<a href="#">c2zunB_</a>	Alignment	not modelled	99.7	17	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> 458aa long hypothetical endo-1,4-beta-glucanase; <b>PDBTitle:</b> functional analysis of hyperthermophilic endocellulase from2 the archaeon pyrococcus horikoshii
49	<a href="#">c3d3aA_</a>	Alignment	not modelled	99.7	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> crystal structure of a beta-galactosidase from bacteroides2 thetaiotaomicron
50	<a href="#">c3ogrA_</a>	Alignment	not modelled	99.7	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> complex structure of beta-galactosidase from trichoderma reesei with2 galactose
51	<a href="#">c1xc6A_</a>	Alignment	not modelled	99.7	12	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> native structure of beta-galactosidase from penicillium sp. in complex2 with galactose
52	<a href="#">d1kwga2</a>	Alignment	not modelled	99.7	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Amylase, catalytic domain
53	<a href="#">d2vzsa1</a>	Alignment	not modelled	99.6	21	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
54	<a href="#">c2oylB_</a>	Alignment	not modelled	99.6	17	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglycoceramidase ii; <b>PDBTitle:</b> endo-glycoceramidase ii from rhodococcus sp.: cellobiose-like2 imidazole complex
55	<a href="#">c1kwga</a>	Alignment	not modelled	99.5	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase;

55	<a href="#">c1kwyA</a>	Alignment	not modelled	99.3	21	<b>PDBTitle:</b> crystal structure of thermus thermophilus a4 beta-galactosidase
56	<a href="#">d2je8a1</a>	Alignment	not modelled	99.5	16	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
57	<a href="#">d1g01a</a>	Alignment	not modelled	99.5	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
58	<a href="#">c3pzqA</a>	Alignment	not modelled	99.5	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> mannan endo-1,4-beta-mannosidase. glycosyl hydrolase family <b>PDBTitle:</b> structure of the hyperthermostable endo-1,4-beta-d-mannanase from2 thermotoga petrophila rku-1 with maltose and glycerol
59	<a href="#">d1vjza</a>	Alignment	not modelled	99.5	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
60	<a href="#">d1tg7a3</a>	Alignment	not modelled	99.4	18	<b>Fold:</b> Galactose-binding domain-like <b>Superfamily:</b> Galactose-binding domain-like <b>Family:</b> Beta-galactosidase LacA, domains 4 and 5
61	<a href="#">d1yq2a2</a>	Alignment	not modelled	99.4	25	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
62	<a href="#">d1hjqa</a>	Alignment	not modelled	99.4	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
63	<a href="#">d1bhga1</a>	Alignment	not modelled	99.4	25	<b>Fold:</b> Immunoglobulin-like beta-sandwich <b>Superfamily:</b> beta-Galactosidase/glucuronidase domain <b>Family:</b> beta-Galactosidase/glucuronidase domain
64	<a href="#">c3ncoA</a>	Alignment	not modelled	99.4	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase fncel5a; <b>PDBTitle:</b> crystal structure of fncel5a from f. nodosum rt17-b1
65	<a href="#">d1ceoa</a>	Alignment	not modelled	99.3	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
66	<a href="#">c2jepB</a>	Alignment	not modelled	99.2	14	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> xyloglucanase; <b>PDBTitle:</b> native family 5 xyloglucanase from paenibacillus pabuli
67	<a href="#">d1vbua1</a>	Alignment	not modelled	99.2	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
68	<a href="#">c3l55B</a>	Alignment	not modelled	99.2	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> b-1,4-endoglucanase/cellulase; <b>PDBTitle:</b> crystal structure of a putative beta-1,4-endoglucanase /2 cellulase from prevotella bryantii
69	<a href="#">d1hjsa</a>	Alignment	not modelled	99.2	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
70	<a href="#">c3aysA</a>	Alignment	not modelled	99.2	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase; <b>PDBTitle:</b> gh5 endoglucanase from a ruminal fungus in complex with cellotriose
71	<a href="#">d1h1na</a>	Alignment	not modelled	99.2	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
72	<a href="#">c3mmwB</a>	Alignment	not modelled	99.1	12	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglucanase; <b>PDBTitle:</b> crystal structure of endoglucanase cel5a from the hyperthermophilic2 thermotoga maritima
73	<a href="#">d1w91a2</a>	Alignment	not modelled	99.1	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
74	<a href="#">c3icgD</a>	Alignment	not modelled	99.1	15	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> endoglucanase d; <b>PDBTitle:</b> crystal structure of the catalytic and carbohydrate binding domain of2 endoglucanase d from clostridium cellulovorans
75	<a href="#">c3qr3B</a>	Alignment	not modelled	99.1	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> endoglucanase eg-ii; <b>PDBTitle:</b> crystal structure of cel5a (eg2) from hypocrea jecorina (trichoderma2 reesei)
76	<a href="#">d1nq6a</a>	Alignment	not modelled	99.0	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
77	<a href="#">d1uhva2</a>	Alignment	not modelled	99.0	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
78	<a href="#">d1ur4a</a>	Alignment	not modelled	99.0	16	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
79	<a href="#">c2y8kA</a>	Alignment	not modelled	99.0	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> carbohydrate binding family 6; <b>PDBTitle:</b> structure of ctgh5-cbm6, an arabinoxylan-specific xylanase.
80	<a href="#">d1v6wa2</a>	Alignment	not modelled	99.0	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
81	<a href="#">d1v6ya</a>	Alignment	not modelled	99.0	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases

82	<a href="#">c3ndyA</a>	Alignment	not modelled	98.9	13	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase d; <b>PDBTitle:</b> the structure of the catalytic and carbohydrate binding domain of2 endoglucanase d from clostridium cellulovorans
83	<a href="#">c3u7vA</a>	Alignment	not modelled	98.9	11	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-galactosidase; <b>PDBTitle:</b> the structure of a putative beta-galactosidase from caulobacter2 crescentus cb15.
84	<a href="#">d1v0la</a>	Alignment	not modelled	98.9	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
85	<a href="#">d1edga</a>	Alignment	not modelled	98.9	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
86	<a href="#">c3kzsD</a>	Alignment	not modelled	98.9	17	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> glycosyl hydrolase family 5; <b>PDBTitle:</b> crystal structure of glycosyl hydrolase family 5 (np_809925.1) from2 bacteroides thetaiotaomicron vpi-5482 at 2.10 a resolution
87	<a href="#">d1fh9a</a>	Alignment	not modelled	98.9	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
88	<a href="#">d1us3a2</a>	Alignment	not modelled	98.9	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
89	<a href="#">d1n82a</a>	Alignment	not modelled	98.9	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
90	<a href="#">d1ilwa</a>	Alignment	not modelled	98.9	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
91	<a href="#">c2bs9B</a>	Alignment	not modelled	98.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> beta-xylosidase; <b>PDBTitle:</b> native crystal structure of a gh39 beta-xylosidase xynb12 from geobacillus stearothermophilus
92	<a href="#">d1w32a</a>	Alignment	not modelled	98.8	20	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
93	<a href="#">d2pb1a1</a>	Alignment	not modelled	98.8	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
94	<a href="#">d1ta3b</a>	Alignment	not modelled	98.8	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
95	<a href="#">d1h4pa</a>	Alignment	not modelled	98.7	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
96	<a href="#">c3emzA</a>	Alignment	not modelled	98.7	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endo-1,4-beta-xylanase; <b>PDBTitle:</b> crystal structure of xylanase xynb from paenibacillus2 barcinonensis complexed with a conduramine derivative
97	<a href="#">d1bg4a</a>	Alignment	not modelled	98.7	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
98	<a href="#">c1xyzA</a>	Alignment	not modelled	98.6	15	<b>PDB header:</b> glycosyltransferase <b>Chain:</b> A: <b>PDB Molecule:</b> 1,4-beta-d-xylan-xylanohydrolase; <b>PDBTitle:</b> a common protein fold and similar active site in two2 distinct families of beta-glycanases
99	<a href="#">d1xyza</a>	Alignment	not modelled	98.6	15	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
100	<a href="#">d1tuxa</a>	Alignment	not modelled	98.6	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
101	<a href="#">d1ur1a</a>	Alignment	not modelled	98.6	14	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
102	<a href="#">d1foba</a>	Alignment	not modelled	98.6	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
103	<a href="#">c2depA</a>	Alignment	not modelled	98.6	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> thermostable cellobxylanase; <b>PDBTitle:</b> crystal structure of xylanase b from clostridium2 stercorarium f9
104	<a href="#">c2cncA</a>	Alignment	not modelled	98.6	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> endoxylanase; <b>PDBTitle:</b> family 10 xylanase
105	<a href="#">c2okxB</a>	Alignment	not modelled	98.5	17	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> rhamnosidase b; <b>PDBTitle:</b> crystal structure of gh78 family rhamnosidase of bacillus sp. gl1 at2 1.9 a
106	<a href="#">d1ug6a</a>	Alignment	not modelled	98.5	22	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Family 1 of glycosyl hydrolase
107	<a href="#">c1uhvD</a>	Alignment	not modelled	98.5	16	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> beta-xylosidase; <b>PDBTitle:</b> crystal structure of beta-d-xylosidase from2 thermoanaerobacterium saccharolyticum, a family 393 glycoside hydrolase
108	<a href="#">c3ahvC</a>	Alignment	not modelled	98.2	18	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> beta-glucosidase a;

108	<a href="#">c3d1xL</a>	Alignment	not modelled	98.2	18	<b>PDBTitle:</b> crystal structure of beta-glucosidase a from bacterium clostridium2 cellulovorans <b>PDB header:</b> hydrolase
109	<a href="#">c2z1sA</a>	Alignment	not modelled	98.2	25	<b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucosidase b; <b>PDBTitle:</b> beta-glucosidase b from paenibacillus polymyxa complexed2 with cellotetraose
110	<a href="#">d1e4ia</a>	Alignment	not modelled	98.1	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Family 1 of glycosyl hydrolase
111	<a href="#">c2j75A</a>	Alignment	not modelled	98.1	15	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucosidase a; <b>PDBTitle:</b> beta-glucosidase from thermotoga maritima in complex with2 noeumycin
112	<a href="#">c3qomA</a>	Alignment	not modelled	98.1	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> 6-phospho-beta-glucosidase; <b>PDBTitle:</b> crystal structure of 6-phospho-beta-glucosidase from lactobacillus2 plantarum
113	<a href="#">d1r85a</a>	Alignment	not modelled	98.0	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
114	<a href="#">d1vffa1</a>	Alignment	not modelled	98.0	17	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Family 1 of glycosyl hydrolase
115	<a href="#">c3fiyA</a>	Alignment	not modelled	97.9	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> beta-glucosidase; <b>PDBTitle:</b> crystal structure of bglb
116	<a href="#">c3pn8A</a>	Alignment	not modelled	97.9	19	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative phospho-beta-glucosidase; <b>PDBTitle:</b> the crystal structure of 6-phospho-beta-glucosidase from streptococcus2 mutans ua159
117	<a href="#">d1aq0a</a>	Alignment	not modelled	97.9	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
118	<a href="#">d2cyga1</a>	Alignment	not modelled	97.8	19	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
119	<a href="#">d1qoxa</a>	Alignment	not modelled	97.7	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> Family 1 of glycosyl hydrolase
120	<a href="#">cliszA</a>	Alignment	not modelled	97.7	18	<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