



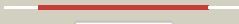









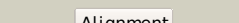

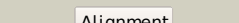






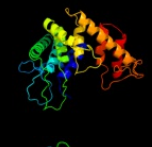
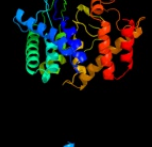
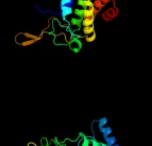

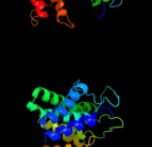
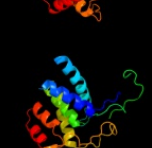

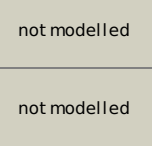


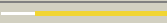


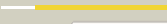
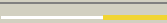


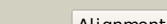
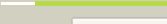








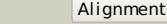




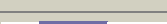



| #  | Template                | Alignment Coverage                                                                               | 3D Model                                                                            | Confidence | % i.d. | Template Information                                                                                                                                                                                                                                            |
|----|-------------------------|--------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | <a href="#">d2afaa1</a> | <br>Alignment   |    | 100.0      | 89     | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> N-acetylglucosamine (NAG) epimerase                                                                                                                           |
| 2  | <a href="#">c3gt5A</a>  | <br>Alignment   |    | 100.0      | 28     | <b>PDB header:</b> isomerase<br><b>Chain:</b> A: <b>PDB Molecule:</b> n-acetylglucosamine 2-epimerase;<br><b>PDBTitle:</b> crystal structure of an n-acetylglucosamine 2-epimerase family protein2 from xylella fastidiosa                                      |
| 3  | <a href="#">d1fp3a</a>  | <br>Alignment   |    | 100.0      | 17     | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> N-acetylglucosamine (NAG) epimerase                                                                                                                           |
| 4  | <a href="#">c2gz6B</a>  | <br>Alignment   |   | 100.0      | 16     | <b>PDB header:</b> isomerase<br><b>Chain:</b> B: <b>PDB Molecule:</b> n-acetyl-d-glucosamine 2-epimerase;<br><b>PDBTitle:</b> crystal structure of anabaena sp. ch1 n-acetyl-d-glucosamine 2-2 epimerase at 2.0 a                                               |
| 5  | <a href="#">c3k7xA</a>  | <br>Alignment |  | 99.7       | 11     | <b>PDB header:</b> structural genomics, unknown function<br><b>Chain:</b> A: <b>PDB Molecule:</b> lin0763 protein;<br><b>PDBTitle:</b> crystal structure of the lin0763 protein from listeria2 innocua. northeast structural genomics consortium target3 lkr23. |
| 6  | <a href="#">c2zzrA</a>  | <br>Alignment |  | 99.5       | 10     | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> unsaturated glucuronyl hydrolase;<br><b>PDBTitle:</b> crystal structure of unsaturated glucuronyl hydrolase from2 streptococcus agalactiae                                                |
| 7  | <a href="#">d2d5ja1</a> | <br>Alignment |  | 99.3       | 11     | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Glycosyl Hydrolase Family 88                                                                                                                                  |
| 8  | <a href="#">c3pmmA</a>  | <br>Alignment |  | 98.9       | 15     | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative cytoplasmic protein;<br><b>PDBTitle:</b> the crystal structure of a possible member of gh105 family from2 klebsiella pneumoniae subsp. pneumoniae mgh 78578                      |
| 9  | <a href="#">c3gzkA</a>  | <br>Alignment |  | 98.6       | 16     | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> cellulase;<br><b>PDBTitle:</b> structure of a. acidocaldarius cellulase cela                                                                                                              |
| 10 | <a href="#">d1nc5a</a>  | <br>Alignment |  | 98.5       | 10     | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Hypothetical protein YteR                                                                                                                                     |
| 11 | <a href="#">d1wzaz1</a> | <br>Alignment |  | 98.5       | 9      | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                                   |

|    |                         |           |                                                                                     |      |    |                                                                                                                                                                                                                                                             |
|----|-------------------------|-----------|-------------------------------------------------------------------------------------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | <a href="#">d1tf4a1</a> | Alignment |     | 98.3 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 13 | <a href="#">c1clcA</a>  | Alignment |    | 98.3 | 10 | <b>PDB header:</b> glycosyl hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase celd; ec: 3.2.1.4;<br><b>PDBTitle:</b> three-dimensional structure of endoglucanase d at 1.92 angstroms resolution                                             |
| 14 | <a href="#">d1ut9a1</a> | Alignment |    | 98.2 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 15 | <a href="#">d1g87a1</a> | Alignment |    | 98.0 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 16 | <a href="#">c3k11A</a>  | Alignment |    | 97.9 | 13 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative glycosyl hydrolase;<br><b>PDBTitle:</b> crystal structure of putative glycosyl hydrolase (np_813087.1) from2 bacteroides thetaiotaomicron vpi-5482 at 1.80 a resolution      |
| 17 | <a href="#">d1ks8a</a>  | Alignment |   | 97.9 | 11 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 18 | <a href="#">d1ia6a</a>  | Alignment |  | 97.8 | 8  | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 19 | <a href="#">c2xfgA</a>  | Alignment |  | 97.8 | 12 | <b>PDB header:</b> hydrolase/sugar binding protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase 1;<br><b>PDBTitle:</b> reassembly and co-crystallization of a family 9 processive2 endoglucanase from separately expressed gh9 and cbm3c3 modules |
| 20 | <a href="#">d1nxca</a>  | Alignment |  | 97.8 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Seven-hairpin glycosidases<br><b>Family:</b> Class I alpha-1,2-mannosidase, catalytic domain                                                                                                         |
| 21 | <a href="#">d1wu4a1</a> | Alignment | not modelled                                                                        | 97.6 | 9  | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 22 | <a href="#">c1ut9A</a>  | Alignment | not modelled                                                                        | 97.6 | 12 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> cellulose 1,4-beta-cellobiosidase;<br><b>PDBTitle:</b> structural basis for the exocellulase activity of the2 cellobiohydrolase cbha from c. thermocellum                             |
| 23 | <a href="#">c3h71C</a>  | Alignment | not modelled                                                                        | 97.6 | 10 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> C: <b>PDB Molecule:</b> endoglucanase;<br><b>PDBTitle:</b> crystal structure of endoglucanase-related protein from vibrio2 parahaemolyticus                                                                   |
| 24 | <a href="#">d1v5da</a>  | Alignment | not modelled                                                                        | 97.5 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 25 | <a href="#">c1g6iA</a>  | Alignment | not modelled                                                                        | 97.5 | 14 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> class i alpha-1,2-mannosidase;<br><b>PDBTitle:</b> crystal structure of the yeast alpha-1,2-mannosidase with bound 1-2 deoxymannojirimycin at 1.59 a resolution                       |
| 26 | <a href="#">c3e6uA</a>  | Alignment | not modelled                                                                        | 97.4 | 17 | <b>PDB header:</b> signaling protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> lanc-like protein 1;<br><b>PDBTitle:</b> crystal structure of human lanc1                                                                                                     |
| 27 | <a href="#">d1clca1</a> | Alignment | not modelled                                                                        | 97.4 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                               |
| 28 | <a href="#">c1ga2A</a>  | Alignment | not modelled                                                                        | 97.3 | 13 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> endoglucanase 9g;<br><b>PDBTitle:</b> the crystal structure of endoglucanase 9g from clostridium2 cellulolyticum complexed with cellobiose                                            |
|    |                         |           |                                                                                     |      |    | <b>Fold:</b> alpha/alpha toroid                                                                                                                                                                                                                             |

|    |                         |           |              |      |    |                                                                                                                                                                                                                                                            |
|----|-------------------------|-----------|--------------|------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 29 | <a href="#">d1ulva1</a> | Alignment | not modelled | 97.2 | 11 | <b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Bacterial glucoamylase C-terminal domain-like                                                                                                                                               |
| 30 | <a href="#">c1w6kA</a>  | Alignment | not modelled | 97.1 | 12 | <b>PDB header:</b> isomerase<br><b>Chain:</b> A: <b>PDB Molecule:</b> lanosterol synthase;<br><b>PDBTitle:</b> structure of human osc in complex with lanosterol                                                                                           |
| 31 | <a href="#">c1js4B</a>  | Alignment | not modelled | 97.0 | 13 | <b>PDB header:</b> glycosyl hydrolase<br><b>Chain:</b> B: <b>PDB Molecule:</b> endo/exocellulase e4;<br><b>PDBTitle:</b> endo/exocellulase:cellobiose from thermomonospora                                                                                 |
| 32 | <a href="#">d1kwfa</a>  | Alignment | not modelled | 96.7 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                              |
| 33 | <a href="#">c2v8kA</a>  | Alignment | not modelled | 96.3 | 17 | <b>PDB header:</b> lyase<br><b>Chain:</b> A: <b>PDB Molecule:</b> pectate lyase;<br><b>PDBTitle:</b> structure of a family 2 pectate lyase in complex with2 trigalacturonic acid                                                                           |
| 34 | <a href="#">d1g9ga</a>  | Alignment | not modelled | 96.3 | 16 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                              |
| 35 | <a href="#">d1hcua</a>  | Alignment | not modelled | 96.1 | 15 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Seven-hairpin glycosidases<br><b>Family:</b> Class I alpha-1;2-mannosidase, catalytic domain                                                                                                        |
| 36 | <a href="#">c1lf6A</a>  | Alignment | not modelled | 95.8 | 12 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> glucoamylase;<br><b>PDBTitle:</b> crystal structure of bacterial glucoamylase                                                                                                        |
| 37 | <a href="#">d2sqca1</a> | Alignment | not modelled | 95.4 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Terpene synthases                                                                                                                   |
| 38 | <a href="#">d1dl2a</a>  | Alignment | not modelled | 95.1 | 14 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Seven-hairpin glycosidases<br><b>Family:</b> Class I alpha-1;2-mannosidase, catalytic domain                                                                                                        |
| 39 | <a href="#">c1o79A</a>  | Alignment | not modelled | 95.1 | 8  | <b>PDB header:</b> isomerase<br><b>Chain:</b> A: <b>PDB Molecule:</b> squalene--hopene cyclase;<br><b>PDBTitle:</b> structures of human oxidosqualene cyclase inhibitors bound2 to a homologous enzyme                                                     |
| 40 | <a href="#">c1ug9A</a>  | Alignment | not modelled | 94.3 | 14 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> glucodextranase;<br><b>PDBTitle:</b> crystal structure of glucodextranase from arthrobacter globiformis i42                                                                          |
| 41 | <a href="#">c3qxqD</a>  | Alignment | not modelled | 94.3 | 7  | <b>PDB header:</b> hydrolase<br><b>Chain:</b> D: <b>PDB Molecule:</b> endoglucanase;<br><b>PDBTitle:</b> structure of the bacterial cellulose synthase subunit z in complex2 with cellopentaose                                                            |
| 42 | <a href="#">c2a73B</a>  | Alignment | not modelled | 94.0 | 12 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> complement c3;<br><b>PDBTitle:</b> human complement component c3                                                                                                                 |
| 43 | <a href="#">c3renB</a>  | Alignment | not modelled | 93.9 | 12 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> B: <b>PDB Molecule:</b> glycosyl hydrolase, family 8;<br><b>PDBTitle:</b> cpf_2247, a novel alpha-amylase from clostridium perfringens                                                                       |
| 44 | <a href="#">c1x9dA</a>  | Alignment | not modelled | 93.8 | 12 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> endoplasmic reticulum mannosyl-oligosaccharide 1,<br><b>PDBTitle:</b> crystal structure of human class i alpha-1,2-mannosidase in2 complex with thio-disaccharide substrate analogue |
| 45 | <a href="#">d1x9da1</a> | Alignment | not modelled | 93.8 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Seven-hairpin glycosidases<br><b>Family:</b> Class I alpha-1;2-mannosidase, catalytic domain                                                                                                        |
| 46 | <a href="#">d1c3da</a>  | Alignment | not modelled | 93.0 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Complement components                                                                                                               |
| 47 | <a href="#">c3g6jB</a>  | Alignment | not modelled | 92.9 | 12 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> complement c3 alpha chain;<br><b>PDBTitle:</b> c3b in complex with a c3b specific fab                                                                                            |
| 48 | <a href="#">d1lf6a1</a> | Alignment | not modelled | 92.7 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Bacterial glucoamylase C-terminal domain-like                                                                                                            |
| 49 | <a href="#">c3c67B</a>  | Alignment | not modelled | 92.5 | 14 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein ygjk;<br><b>PDBTitle:</b> escherichia coli k12 ygjk in a complexed with glucose                                                                              |
| 50 | <a href="#">d1w6ka1</a> | Alignment | not modelled | 92.0 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Terpene synthases                                                                                                                   |
| 51 | <a href="#">c2pn5A</a>  | Alignment | not modelled | 91.6 | 11 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> thioester-containing protein i;<br><b>PDBTitle:</b> crystal structure of tep1r                                                                                                   |
| 52 | <a href="#">d1qqfa</a>  | Alignment | not modelled | 91.6 | 12 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Complement components                                                                                                               |
| 53 | <a href="#">d2g0da1</a> | Alignment | not modelled | 89.9 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> LanC-like<br><b>Family:</b> LanC-like                                                                                                                                                               |
| 54 | <a href="#">d2jg0a1</a> | Alignment | not modelled | 88.9 | 14 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Trehalase-like                                                                                                                                           |
| 55 | <a href="#">c2jg0A</a>  | Alignment | not modelled | 88.9 | 14 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> periplasmic trehalase;<br><b>PDBTitle:</b> family 37 trehalase from escherichia coli in complex with 1-2 thiatrehazolin                                                              |

|    |                         |                                                                                               |              |      |    |                                                                                                                                                                                                                                                                                |
|----|-------------------------|-----------------------------------------------------------------------------------------------|--------------|------|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 56 | <a href="#">c2b39B_</a> |  Alignment   | not modelled | 86.2 | 12 | <b>PDB header:</b> immune system<br><b>Chain:</b> B: <b>PDB Molecule:</b> c3;<br><b>PDBTitle:</b> structure of mammalian c3 with an intact thioester at 3a resolution                                                                                                          |
| 57 | <a href="#">c3eu8D_</a> |  Alignment   | not modelled | 82.7 | 10 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> D: <b>PDB Molecule:</b> putative glucoamylase;<br><b>PDBTitle:</b> crystal structure of putative glucoamylase (yp_210071.1) from2 bacteroides fragilis nctc 9343 at 2.12 a resolution                                            |
| 58 | <a href="#">d1h12a_</a> |  Alignment   | not modelled | 79.0 | 11 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                                                  |
| 59 | <a href="#">c1krfA_</a> |  Alignment   | not modelled | 75.9 | 16 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> mannosyl-oligosaccharide alpha-1,2-mannosidase;<br><b>PDBTitle:</b> structure of p. citrinum alpha 1,2-mannosidase reveals the basis for2 differences in specificity of the er and golgi class i enzymes |
| 60 | <a href="#">d2ri9a1</a> |  Alignment   | not modelled | 75.9 | 16 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Seven-hairpin glycosidases<br><b>Family:</b> Class I alpha-1,2-mannosidase, catalytic domain                                                                                                                            |
| 61 | <a href="#">c1v7wA_</a> |  Alignment   | not modelled | 73.5 | 13 | <b>PDB header:</b> transferase<br><b>Chain:</b> A: <b>PDB Molecule:</b> chitobiose phosphorylase;<br><b>PDBTitle:</b> crystal structure of vibrio proteolyticus chitobiose phosphorylase in2 complex with glcnac                                                               |
| 62 | <a href="#">c1l2aD_</a> |  Alignment   | not modelled | 67.6 | 16 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> D: <b>PDB Molecule:</b> cellobiohydrolase;<br><b>PDBTitle:</b> the crystal structure and catalytic mechanism of2 cellobiohydrolase cels, the major enzymatic component of3 the clostridium thermocellum cellulosome              |
| 63 | <a href="#">d1l1ya_</a> |  Alignment   | not modelled | 67.6 | 16 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Cellulases catalytic domain                                                                                                                                                  |
| 64 | <a href="#">c3cu7A_</a> |  Alignment   | not modelled | 65.2 | 11 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> complement c5;<br><b>PDBTitle:</b> human complement component 5                                                                                                                                      |
| 65 | <a href="#">c2z07A_</a> |  Alignment   | not modelled | 61.3 | 11 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative uncharacterized protein ttha0978;<br><b>PDBTitle:</b> crystal structure of uncharacterized conserved protein from2 thermus thermophilus hb8                                                     |
| 66 | <a href="#">c3nfvA_</a> |  Alignment   | not modelled | 41.1 | 16 | <b>PDB header:</b> lyase<br><b>Chain:</b> A: <b>PDB Molecule:</b> alginate lyase;<br><b>PDBTitle:</b> crystal structure of an alginate lyase (bacova_01668) from bacteroides2 ovatus at 1.95 a resolution                                                                      |
| 67 | <a href="#">d1r76a_</a> |  Alignment   | not modelled | 38.0 | 16 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Family 10 polysaccharide lyase<br><b>Family:</b> Family 10 polysaccharide lyase                                                                                                                                         |
| 68 | <a href="#">d1gxma_</a> |  Alignment   | not modelled | 35.7 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Family 10 polysaccharide lyase<br><b>Family:</b> Family 10 polysaccharide lyase                                                                                                                                         |
| 69 | <a href="#">c2konA_</a> |  Alignment   | not modelled | 28.2 | 31 | <b>PDB header:</b> structural genomics, unknown function<br><b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein;<br><b>PDBTitle:</b> nmr solution structure of cv_2116 from chromobacterium2 violaceum. northeast structural genomics consortium target3 cvt4(1-82)  |
| 70 | <a href="#">d1v7wa1</a> |  Alignment | not modelled | 20.2 | 10 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Glycosyltransferase family 36 C-terminal domain                                                                                                                              |
| 71 | <a href="#">d1qaza_</a> |  Alignment | not modelled | 18.4 | 27 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Chondroitin AC/alginate lyase<br><b>Family:</b> Alginate lyase A1-III                                                                                                                                                   |
| 72 | <a href="#">c2eacB_</a> |  Alignment | not modelled | 18.1 | 11 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> B: <b>PDB Molecule:</b> alpha-fucosidase;<br><b>PDBTitle:</b> crystal structure of 1,2-a-l-fucosidase from2 bifidobacterium bifidum in complex with3 deoxyfuconojirimycin                                                        |
| 73 | <a href="#">d1ccwb_</a> |  Alignment | not modelled | 18.1 | 16 | <b>Fold:</b> TIM beta/alpha-barrel<br><b>Superfamily:</b> Cobalamin (vitamin B12)-dependent enzymes<br><b>Family:</b> Glutamate mutase, large subunit                                                                                                                          |
| 74 | <a href="#">d2fbaa1</a> |  Alignment | not modelled | 17.3 | 11 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Six-hairpin glycosidases<br><b>Family:</b> Glucoamylase                                                                                                                                                                 |
| 75 | <a href="#">c1hzfA_</a> |  Alignment | not modelled | 10.5 | 13 | <b>PDB header:</b> immune system<br><b>Chain:</b> A: <b>PDB Molecule:</b> complement factor c4a;<br><b>PDBTitle:</b> c4adg fragment of human complement factor c4a                                                                                                             |
| 76 | <a href="#">d1hzfa_</a> |  Alignment | not modelled | 10.5 | 13 | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Complement components                                                                                                                                   |
| 77 | <a href="#">c3cihA_</a> |  Alignment | not modelled | 9.8  | 10 | <b>PDB header:</b> hydrolase<br><b>Chain:</b> A: <b>PDB Molecule:</b> putative alpha-rhamnosidase;<br><b>PDBTitle:</b> crystal structure of a putative alpha-rhamnosidase from2 bacteroides thetaiotaomicron                                                                   |
| 78 | <a href="#">d2diga1</a> |  Alignment | not modelled | 8.5  | 38 | <b>Fold:</b> SH3-like barrel<br><b>Superfamily:</b> Tudor/PWWP/MBT<br><b>Family:</b> Tudor domain                                                                                                                                                                              |
| 79 | <a href="#">c1zr7A_</a> |  Alignment | not modelled | 8.5  | 29 | <b>PDB header:</b> signaling protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> huntingtin-interacting protein hypa/fbp11;<br><b>PDBTitle:</b> solution structure of the first ww domain of fbp11                                                                                |
| 80 | <a href="#">c2jxwA_</a> |  Alignment | not modelled | 7.9  | 17 | <b>PDB header:</b> formin binding protein<br><b>Chain:</b> A: <b>PDB Molecule:</b> ww domain-binding protein 4;<br><b>PDBTitle:</b> solution structure of the tandem ww domains of fbp21                                                                                       |
| 81 | <a href="#">c3a0aB_</a> |  Alignment | not modelled | 6.7  | 11 | <b>PDB header:</b> lyase<br><b>Chain:</b> B: <b>PDB Molecule:</b> oligo alginate lyase;                                                                                                                                                                                        |

|    |                         |           |              |     |    |                                                                                                                                          |
|----|-------------------------|-----------|--------------|-----|----|------------------------------------------------------------------------------------------------------------------------------------------|
| 81 | <a href="#">c3dvvb</a>  | Alignment | not modelled | 6.7 | 11 | <b>PDBTitle:</b> crystal structure of alginate lyase from agrobacterium tumefaciens c58                                                  |
| 82 | <a href="#">d2sqca2</a> | Alignment | not modelled | 6.5 | 9  | <b>Fold:</b> alpha/alpha toroid<br><b>Superfamily:</b> Terpenoid cyclases/Protein prenyltransferases<br><b>Family:</b> Terpene synthases |
| 83 | <a href="#">d2dk1a1</a> | Alignment | not modelled | 6.4 | 14 | <b>Fold:</b> WW domain-like<br><b>Superfamily:</b> WW domain<br><b>Family:</b> WW domain                                                 |