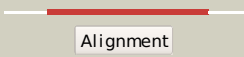

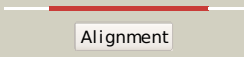

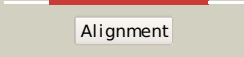

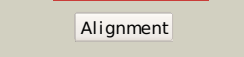

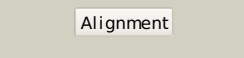

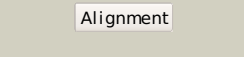

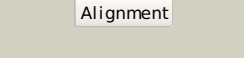
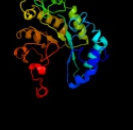
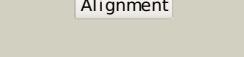

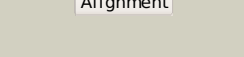

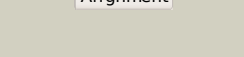

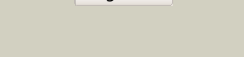

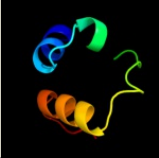




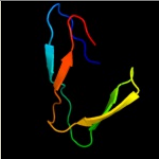





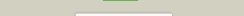
#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	dlx1na1	 Alignment		100.0	23	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
2	dleswa_	 Alignment		100.0	25	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
3	dltz7a1	 Alignment		100.0	26	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
4	c3zt5D_	 Alignment		98.6	19	PDB header: hydrolase Chain: D: PDB Molecule: putative glucanohydrolase pep1a; PDBTitle: glge isoform 1 from streptomyces coelicolor with maltose2 bound
5	c3amkA_	 Alignment		98.4	15	PDB header: transferase Chain: A: PDB Molecule: os06g0726400 protein; PDBTitle: structure of the starch branching enzyme i (bei) from oryza sativa l
6	c3amlA_	 Alignment		98.3	17	PDB header: transferase Chain: A: PDB Molecule: os06g0726400 protein; PDBTitle: structure of the starch branching enzyme i (bei) from oryza sativa l
7	c1m53A_	 Alignment		98.2	18	PDB header: isomerase Chain: A: PDB Molecule: isomaltulose synthase; PDBTitle: crystal structure of isomaltulose synthase (pali) from2 klebsiella sp. lx3
8	d1uoka2	 Alignment		98.2	19	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
9	d1j0ha3	 Alignment		98.2	16	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
10	c1uoka_	 Alignment		98.1	21	PDB header: glucosidase Chain: A: PDB Molecule: oligo-1,6-glucosidase; PDBTitle: crystal structure of b. cereus oligo-1,6-glucosidase
11	d1bf2a3	 Alignment		98.1	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain

12	c1zjaB_	Alignment		98.1	22	PDB header: isomerase Chain: B: PDB Molecule: trehalulose synthase; PDBTitle: crystal structure of the trehalulose synthase mutb from2 pseudomonas mesoacidophila mx-45 (triclinic form)
13	d1m53a2	Alignment		98.0	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
14	d1ua7a2	Alignment		98.0	20	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
15	d1gvia3	Alignment		97.9	20	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
16	c1wpcA_	Alignment		97.9	19	PDB header: hydrolase Chain: A: PDB Molecule: glucan 1,4-alpha-maltohexaoidase; PDBTitle: crystal structure of maltohexaose-producing amylase complexed with2 pseudo-maltonaoase
17	c3a47A_	Alignment		97.9	17	PDB header: hydrolase Chain: A: PDB Molecule: oligo-1,6-glucosidase; PDBTitle: crystal structure of isomaltase from saccharomyces cerevisiae
18	c1tcmB_	Alignment		97.9	21	PDB header: glycosyltransferase Chain: B: PDB Molecule: cyclodextrin glycosyltransferase; PDBTitle: cyclodextrin glycosyltransferase w616a mutant from bacillus2 circulans strain 251
19	d1m7xa3	Alignment		97.9	21	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
20	d1lwha2	Alignment		97.9	21	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
21	c3dhuC_	Alignment	not modelled	97.9	26	PDB header: hydrolase Chain: C: PDB Molecule: alpha-amylase; PDBTitle: crystal structure of an alpha-amylase from lactobacillus2 plantarum
22	c1jibA_	Alignment	not modelled	97.8	16	PDB header: hydrolase Chain: A: PDB Molecule: neopullulanase; PDBTitle: complex of alpha-amylase ii (tva ii) from thermoactinomyces2 vulgaris r-47 with maltotetraose based on a crystal soaked3 with maltohexaose.
23	d2d3na2	Alignment	not modelled	97.8	19	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
24	c2ya1A_	Alignment	not modelled	97.8	24	PDB header: hydrolase Chain: A: PDB Molecule: putative alkaline amylopullulanase; PDBTitle: product complex of a multi-modular glycogen-degrading2 pneumococcal virulence factor spua
25	d2guya2	Alignment	not modelled	97.8	26	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
26	c2ze0A_	Alignment	not modelled	97.7	19	PDB header: hydrolase Chain: A: PDB Molecule: alpha-glucosidase; PDBTitle: alpha-glucosidase gsj
27	c2ya0A_	Alignment	not modelled	97.7	19	PDB header: hydrolase Chain: A: PDB Molecule: putative alkaline amylopullulanase; PDBTitle: catalytic module of the multi-modular glycogen-degrading2 pneumococcal virulence factor spua
28	c2wcsA_	Alignment	not modelled	97.7	22	PDB header: hydrolase Chain: A: PDB Molecule: alpha amylase, catalytic region; PDBTitle: crystal structure of debranching enzyme from nostoc2 punctiforme (npde)

29	c3bmwA	Alignment	not modelled	97.7	19	PDB header: transferase Chain: A: PDB Molecule: cyclomaltoedextrin glucanotransferase; PDBTitle: cyclodextrin glycosyl transferase from thermoanerobacterium2 thermosulfurigenes em1 mutant s77p complexed with a maltoheptaose3 inhibitor
30	c3k1dA	Alignment	not modelled	97.6	19	PDB header: transferase Chain: A: PDB Molecule: 1,4-alpha-glucan-branching enzyme; PDBTitle: crystal structure of glycogen branching enzyme synonym: 1,4-alpha-d-2 glucan:1,4-alpha-d-glucan 6-glucosyl-transferase from mycobacterium3 tuberculosis h37rv
31	c2dh3A	Alignment	not modelled	97.6	23	PDB header: transport protein, signaling protein Chain: A: PDB Molecule: 4f2 cell-surface antigen heavy chain; PDBTitle: crystal structure of human ed-4f2hc
32	c1ehaA	Alignment	not modelled	97.6	20	PDB header: hydrolase Chain: A: PDB Molecule: glycosyltrehalose trehalohydrolase; PDBTitle: crystal structure of glycosyltrehalose trehalohydrolase2 from sulfolobus solfataricus
33	c1ea9D	Alignment	not modelled	97.5	17	PDB header: hydrolase Chain: D: PDB Molecule: cyclomaltoedextrinase; PDBTitle: cyclomaltoedextrinase
34	d1h3ga3	Alignment	not modelled	97.4	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
35	c2zidA	Alignment	not modelled	97.4	22	PDB header: hydrolase Chain: A: PDB Molecule: dextran glucosidase; PDBTitle: crystal structure of dextran glucosidase e236q complex with2 isomaltotriose
36	d1eh9a3	Alignment	not modelled	97.3	24	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
37	c2by0A	Alignment	not modelled	97.3	21	PDB header: hydrolase Chain: A: PDB Molecule: maltooligosyltrehalose trehalohydrolase; PDBTitle: is radiation damage dependent on the dose-rate used during2 macromolecular crystallography data collection
38	d3bmva4	Alignment	not modelled	97.2	16	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
39	d2bhua3	Alignment	not modelled	97.2	20	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
40	c2taaA	Alignment	not modelled	97.2	28	PDB header: hydrolase (o-glycosyl) Chain: A: PDB Molecule: taka-amylase a; PDBTitle: structure and possible catalytic residues of taka-amylase a
41	c2wskA	Alignment	not modelled	97.2	21	PDB header: hydrolase Chain: A: PDB Molecule: glycogen debranching enzyme; PDBTitle: crystal structure of glycogen debranching enzyme glgx from2 escherichia coli k-12
42	c2qpUB	Alignment	not modelled	97.2	16	PDB header: hydrolase Chain: B: PDB Molecule: alpha-amylase type a isozyme; PDBTitle: sugar tongs mutant s378p in complex with acarbose
43	d1gcyA2	Alignment	not modelled	97.2	25	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
44	c1hvxA	Alignment	not modelled	97.0	15	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: bacillus stearothermophilus alpha-amylase
45	c2z1kA	Alignment	not modelled	97.0	23	PDB header: hydrolase Chain: A: PDB Molecule: (neo)pullulanase; PDBTitle: crystal structure of ttha1563 from thermus thermophilus hb8
46	c1gviA	Alignment	not modelled	97.0	12	PDB header: hydrolase Chain: A: PDB Molecule: maltoogenic amylase; PDBTitle: thermus maltogenic amylase in complex with beta-cd
47	c1qhoA	Alignment	not modelled	96.9	16	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: five-domain alpha-amylase from bacillus stearothermophilus,2 maltose/acarbose complex
48	c2wanA	Alignment	not modelled	96.8	13	PDB header: hydrolase Chain: A: PDB Molecule: pullulanase; PDBTitle: pullulanase from bacillus acidipullulyticus
49	d1cyga4	Alignment	not modelled	96.8	16	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
50	d1ob0a2	Alignment	not modelled	96.5	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
51	c1cygA	Alignment	not modelled	96.4	15	PDB header: glycosyltransferase Chain: A: PDB Molecule: cyclodextrin glucanotransferase; PDBTitle: cyclodextrin glucanotransferase (e.c.2.4.1.19) (cgtase)
52	d1e43a2	Alignment	not modelled	96.3	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
53	d1pama4	Alignment	not modelled	96.2	15	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
54	c1jaeA	Alignment	not modelled	96.1	16	PDB header: glycosidase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: structure of tenebrio molitor larval alpha-amylase
55	c2fhfA	Alignment	not modelled	96.0	19	PDB header: hydrolase Chain: A: PDB Molecule: pullulanase;

55	c2m1A_	Alignment	not modelled	95.8	19	PDBTitle: crystal structure analysis of klebsiella pneumoniae2 pullulanase complexed with maltotetraose
56	c3edeB_	Alignment	not modelled	95.8	24	PDB header: hydrolase Chain: B: PDB Molecule: cyclomalto-dextrinase; PDBTitle: structural base for cyclodextrin hydrolysis
57	c1lwhA_	Alignment	not modelled	95.7	21	PDB header: transferase Chain: A: PDB Molecule: 4-alpha-glucanotransferase; PDBTitle: crystal structure of t. maritima 4-alpha-glucanotransferase
58	d1ht6a2	Alignment	not modelled	95.7	20	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
59	d1avaa2	Alignment	not modelled	95.6	22	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
60	d1ea9c3	Alignment	not modelled	95.5	13	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
61	c2gdvA_	Alignment	not modelled	95.4	10	PDB header: transferase Chain: A: PDB Molecule: sucrose phosphorylase; PDBTitle: sucrose phosphorylase from bifidobacterium adolescentis2 reacted with sucrose
62	c1bplA_	Alignment	not modelled	95.3	13	PDB header: glycosyltransferase Chain: A: PDB Molecule: alpha-1,4-glucan-4-glucanohydrolase; PDBTitle: glycosyltransferase
63	d1gjwa2	Alignment	not modelled	95.2	27	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
64	d2gjpa2	Alignment	not modelled	95.2	18	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
65	d1cxla4	Alignment	not modelled	95.2	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
66	c1gcyA_	Alignment	not modelled	95.1	14	PDB header: hydrolase Chain: A: PDB Molecule: glucan 1,4-alpha-maltotetrahydrolase; PDBTitle: high resolution crystal structure of maltotetraose-forming2 exo-amylase
67	d2fhfa5	Alignment	not modelled	95.1	15	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
68	c2e8yA_	Alignment	not modelled	94.9	13	PDB header: hydrolase Chain: A: PDB Molecule: amylx protein; PDBTitle: crystal structure of pullulanase type i from bacillus subtilis str.2 168
69	d1ud2a2	Alignment	not modelled	94.5	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
70	c3k8kB_	Alignment	not modelled	94.5	19	PDB header: membrane protein Chain: B: PDB Molecule: alpha-amylase, susg; PDBTitle: crystal structure of susg
71	c1jdaA_	Alignment	not modelled	94.3	13	PDB header: hydrolase Chain: A: PDB Molecule: 1,4-alpha maltotetrahydrolase; PDBTitle: maltotetraose-forming exo-amylase
72	d1r7aa2	Alignment	not modelled	94.3	10	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
73	d2aaaa2	Alignment	not modelled	94.0	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
74	c1gjuA_	Alignment	not modelled	94.0	27	PDB header: transferase Chain: A: PDB Molecule: maltodextrin glycosyltransferase; PDBTitle: maltosyltransferase from thermotoga maritima
75	c1m7xC_	Alignment	not modelled	94.0	16	PDB header: transferase Chain: C: PDB Molecule: 1,4-alpha-glucan branching enzyme; PDBTitle: the x-ray crystallographic structure of branching enzyme
76	c3faxA_	Alignment	not modelled	93.7	24	PDB header: hydrolase Chain: A: PDB Molecule: reticulocyte binding protein; PDBTitle: the crystal structure of gbs pullulanase sap in complex with2 maltotetraose
77	c1jgiA_	Alignment	not modelled	93.4	22	PDB header: transferase Chain: A: PDB Molecule: amylsucrase; PDBTitle: crystal structure of the active site mutant glu328gln of2 amylsucrase from neisseria polysaccharea in complex with3 the natural substrate sucrose
78	c3bc9A_	Alignment	not modelled	93.3	18	PDB header: hydrolase Chain: A: PDB Molecule: alpha amylase, catalytic region; PDBTitle: alpha-amylase b in complex with acarbose
79	c1e40A_	Alignment	not modelled	93.3	18	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: tris/maltotriose complex of chimaeric amylase from b.2 amyloliquefaciens and b. licheniformis at 2.2a
80	c2x4bA_	Alignment	not modelled	93.0	14	PDB header: hydrolase Chain: A: PDB Molecule: limit dextrinase; PDBTitle: barley limit dextrinase in complex with beta-cyclodextrin
81	c1bf2A_	Alignment	not modelled	92.9	15	PDB header: hydrolase Chain: A: PDB Molecule: isoamylase; PDBTitle: structure of pseudomonas isoamylase
82	c3czkA_	Alignment	not modelled	92.6	8	PDB header: hydrolase Chain: A: PDB Molecule: sucrose hydrolase;

82	c3c2nA	Alignment	not modelled	92.0	8	PDBTitle: crystal structure analysis of sucrose hydrolase(suh) e322q-2 sucrose complex
83	d1mxga2	Alignment	not modelled	92.5	14	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
84	c2aaaA	Alignment	not modelled	92.5	17	PDB header: glycosidase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: calcium binding in alpha-amylases: an x-ray diffraction2 study at 2.1 angstroms resolution of two enzymes from3 aspergillus
85	c1jd7A	Alignment	not modelled	92.3	13	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase; PDBTitle: crystal structure analysis of the mutant k300r of2 pseudoalteromonas haloplantis alpha-amylase
86	c3m07A	Alignment	not modelled	92.3	19	PDB header: unknown function Chain: A: PDB Molecule: putative alpha amylase; PDBTitle: 1.4 angstrom resolution crystal structure of putative alpha2 amylase from salmonella typhimurium.
87	c3blpX	Alignment	not modelled	91.9	18	PDB header: hydrolase Chain: X: PDB Molecule: alpha-amylase 1; PDBTitle: role of aromatic residues in human salivary alpha-amylase
88	d1hvxa2	Alignment	not modelled	91.8	11	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
89	d1g5aa2	Alignment	not modelled	91.5	28	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
90	c1bplB	Alignment	not modelled	91.5	12	PDB header: glycosyltransferase Chain: B: PDB Molecule: alpha-1,4-glucan-4-glucanohydrolase; PDBTitle: glycosyltransferase
91	d1qhoa4	Alignment	not modelled	91.3	15	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
92	d1wzla3	Alignment	not modelled	90.8	17	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
93	d1hx0a2	Alignment	not modelled	90.5	18	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
94	c1bagA	Alignment	not modelled	90.2	23	PDB header: alpha-amylase Chain: A: PDB Molecule: alpha-1,4-glucan-4-glucanohydrolase; PDBTitle: alpha-amylase from bacillus subtilis complexed with2 maltopentaose
95	d1jaea2	Alignment	not modelled	89.5	13	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
96	c1wzaA	Alignment	not modelled	88.7	23	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase a; PDBTitle: crystal structure of alpha-amylase from h.orenii
97	d1g94a2	Alignment	not modelled	88.6	15	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
98	d3dhpA2	Alignment	not modelled	87.9	18	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
99	c2yfnA	Alignment	not modelled	87.2	11	PDB header: hydrolase Chain: A: PDB Molecule: alpha-galactosidase-sucrose kinase agask; PDBTitle: galactosidase domain of alpha-galactosidase-sucrose kinase,2 agask
100	c2vncB	Alignment	not modelled	86.6	19	PDB header: hydrolase Chain: B: PDB Molecule: glycogen operon protein glgx; PDBTitle: crystal structure of glycogen debranching enzyme trex from2 sulfolobus solfataricus
101	d1jila3	Alignment	not modelled	86.3	23	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
102	d1wzaa2	Alignment	not modelled	83.4	25	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
103	d1cgta4	Alignment	not modelled	82.9	13	Fold: TIM beta/alpha-barrel Superfamily: (Trans)glycosidases Family: Amylase, catalytic domain
104	c1mwOa	Alignment	not modelled	80.0	16	PDB header: hydrolase Chain: A: PDB Molecule: alpha amylase; PDBTitle: crystal structure analysis of the hyperthermostable2 pyrococcus woesei alpha-amylase
105	c1ud8A	Alignment	not modelled	79.2	14	PDB header: hydrolase Chain: A: PDB Molecule: amylase; PDBTitle: crystal structure of amyk38 with lithium ion
106	c2bnoA	Alignment		75.9	12	PDB header: oxidoreductase Chain: A: PDB Molecule: epoxidase; PDBTitle: the structure of hydroxypropylphosphonic acid epoxidase2 from s. wedmorenisi.
107	c2d0gA	Alignment	not modelled	73.5	20	PDB header: hydrolase Chain: A: PDB Molecule: alpha-amylase i; PDBTitle: crystal structure of thermoactinomyces vulgaris r-47 alpha-2 amylase 1 (tva1) mutant d356n/e396q complexed with p5, a3 pullulan model oligosaccharide

108	c3hieA_	 Alignment	not modelled	73.4	17	PDB header: transferase Chain: A: PDB Molecule: 704aa long hypothetical glycosyltransferase; PDBTitle: crystal structure of sulfolobus tokodaii hypothetical2 maltotriigosyl trehalose synthase
109	c3cc1B_	 Alignment	not modelled	65.1	12	PDB header: hydrolase Chain: B: PDB Molecule: putative alpha-n-acetylglactosaminidase; PDBTitle: crystal structure of a putative alpha-n-acetylglactosaminidase2 (bh1870) from bacillus halodurans c-125 at 2.00 a resolution
110	d1j0ha2	 Alignment		63.2	21	Fold: Glycosyl hydrolase domain Superfamily: Glycosyl hydrolase domain Family: alpha-Amylases, C-terminal beta-sheet domain
111	d1h9aa1	 Alignment	not modelled	62.8	25	Fold: NAD(P)-binding Rossmann-fold domains Superfamily: NAD(P)-binding Rossmann-fold domains Family: Glyceraldehyde-3-phosphate dehydrogenase-like, N-terminal domain
112	c2bhlB_	 Alignment	not modelled	61.4	20	PDB header: oxidoreductase (choh(d)-nadp) Chain: B: PDB Molecule: glucose-6-phosphate 1-dehydrogenase; PDBTitle: x-ray structure of human glucose 6-phosphate dehydrogenase2 (deletion variant) complexed with glucose-6-phosphate
113	d2a6ca1	 Alignment	not modelled	60.9	17	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: NE1354
114	c1qkiE_	 Alignment	not modelled	59.7	20	PDB header: oxidoreductase Chain: E: PDB Molecule: glucose-6-phosphate 1-dehydrogenase; PDBTitle: x-ray structure of human glucose 6-phosphate dehydrogenase2 (variant canton r459l) complexed with structural nadp+
115	c3pxpA_	 Alignment	not modelled	58.7	20	PDB header: transcription regulator Chain: A: PDB Molecule: helix-turn-helix domain protein; PDBTitle: crystal structure of a pas and dna binding domain containing protein2 (caur_2278) from chloroflexus aurantiacus j-10-fl at 2.30 a3 resolution
116	d1l1ya_	 Alignment	not modelled	58.7	25	Fold: alpha/alpha toroid Superfamily: Six-hairpin glycosidases Family: Cellulases catalytic domain
117	c1l2aD_	 Alignment	not modelled	58.7	25	PDB header: hydrolase Chain: D: PDB Molecule: cellobiohydrolase; PDBTitle: the crystal structure and catalytic mechanism of2 cellobiohydrolase cels, the major enzymatic component of3 the clostridium thermocellum cellulosome
118	d2ofya1	 Alignment	not modelled	56.9	18	Fold: lambda repressor-like DNA-binding domains Superfamily: lambda repressor-like DNA-binding domains Family: SinR domain-like
119	d1g9ga_	 Alignment	not modelled	55.9	21	Fold: alpha/alpha toroid Superfamily: Six-hairpin glycosidases Family: Cellulases catalytic domain
120	c3gzaB_	 Alignment	not modelled	55.6	16	PDB header: hydrolase Chain: B: PDB Molecule: putative alpha-l-fucosidase; PDBTitle: crystal structure of putative alpha-l-fucosidase (np_812709.1) from2 bacteroides thetaiotaomicron vpi-5482 at 1.60 a resolution