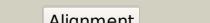
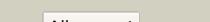
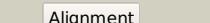
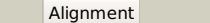
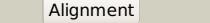
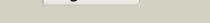
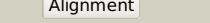
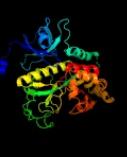


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD2220_(glnA1)_2487623_2489059
Date	Mon Aug 5 13:25:35 BST 2019
Unique Job ID	f99ee6a6aa2693ae

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c1htoB</a>			100.0	100	<b>PDB header:</b> ligase <b>Chain:</b> B; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystallographic structure of a relaxed glutamine synthetase from2 mycobacterium tuberculosis
2	<a href="#">c1fpyE</a>			100.0	52	<b>PDB header:</b> ligase <b>Chain:</b> E; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from salmonella2 typhimurium with inhibitor phosphinothricin
3	<a href="#">c3ng0A</a>			100.0	58	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from synechocystis sp. pcc2 6803
4	<a href="#">c5zlpH</a>			100.0	45	<b>PDB header:</b> ligase <b>Chain:</b> H; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from helicobacter pylori
5	<a href="#">c4s17E</a>			100.0	61	<b>PDB header:</b> ligase <b>Chain:</b> E; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> the crystal structure of glutamine synthetase from bifidobacterium2 adolescentis atcc 15703
6	<a href="#">c3qajL</a>			100.0	41	<b>PDB header:</b> ligase <b>Chain:</b> L; <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> x-ray crystal structure of glutamine synthetase from bacillus subtilis 2 cocrystallized with atp
7	<a href="#">c2j9iL</a>			100.0	21	<b>PDB header:</b> ligase <b>Chain:</b> L; <b>PDB Molecule:</b> glutamate-ammonia ligase domain-containing protein 1; <b>PDBTitle:</b> lensin is a survivor of an ancient family of class i glutamine2 synthetases in eukaryotes that has undergone evolutionary re-3 engineering for a tissue-specific role in the vertebrate eye lens.
8	<a href="#">c4hppA</a>			100.0	28	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> probable glutamine synthetase; <b>PDBTitle:</b> crystal structure of novel glutamine synthetase homolog
9	<a href="#">c5dm3A</a>			100.0	30	<b>PDB header:</b> ligase <b>Chain:</b> A; <b>PDB Molecule:</b> l-glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from chromohalobacter2 salexigens dsm 3043(csai_0679, target efi-550015) with bound adp
10	<a href="#">d2bvca2</a>			100.0	100	<b>Fold:</b> Glutamine synthetase/guanido kinase <b>Superfamily:</b> Glutamine synthetase/guanido kinase <b>Family:</b> Glutamine synthetase catalytic domain
11	<a href="#">d1f52a2</a>			100.0	53	<b>Fold:</b> Glutamine synthetase/guanido kinase <b>Superfamily:</b> Glutamine synthetase/guanido kinase <b>Family:</b> Glutamine synthetase catalytic domain

12	<a href="#">c2qc8j</a>	Alignment		100.0	23	<b>PDB header:</b> ligase <b>Chain:</b> J: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of human glutamine synthetase in complex with adp2 and methionine sulfoxime phosphate
13	<a href="#">c4baxH</a>	Alignment		100.0	21	<b>PDB header:</b> ligase <b>Chain:</b> H: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of glutamine synthetase from streptomyces2 coelicolor
14	<a href="#">c2d3aj</a>	Alignment		100.0	21	<b>PDB header:</b> ligase <b>Chain:</b> J: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of the maize glutamine synthetase2 complexed with adp and methionine sulfoxime phosphate
15	<a href="#">c3fkjD</a>	Alignment		100.0	24	<b>PDB header:</b> ligase <b>Chain:</b> D: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of the glutamine synthetase gln1delta1n182 from the yeast saccharomyces cerevisiae
16	<a href="#">c306xC</a>	Alignment		100.0	22	<b>PDB header:</b> ligase <b>Chain:</b> C: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> crystal structure of the type iii glutamine synthetase from2 bacteroides fragilis
17	<a href="#">c4is4G</a>	Alignment		100.0	26	<b>PDB header:</b> ligase <b>Chain:</b> G: <b>PDB Molecule:</b> glutamine synthetase; <b>PDBTitle:</b> the glutamine synthetase from the dicotyledonous plant m. truncatula2 is a decamer
18	<a href="#">d2bvca1</a>	Alignment		99.9	100	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Glutamine synthetase, N-terminal domain <b>Family:</b> Glutamine synthetase, N-terminal domain
19	<a href="#">d1f52a1</a>	Alignment		99.9	45	<b>Fold:</b> beta-Grasp (ubiquitin-like) <b>Superfamily:</b> Glutamine synthetase, N-terminal domain <b>Family:</b> Glutamine synthetase, N-terminal domain
20	<a href="#">c1tt4B</a>	Alignment		99.1	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative cytoplasmic protein; <b>PDBTitle:</b> structure of np459575, a predicted glutathione synthase from2 salmonella typhimurium
21	<a href="#">d1tt4a</a>	Alignment	not modelled	99.1	20	<b>Fold:</b> Glutamine synthetase/guanido kinase <b>Superfamily:</b> Glutamine synthetase/guanido kinase <b>Family:</b> Glutamate-cysteine ligase family 2 (GCS2)
22	<a href="#">d1r8ga</a>	Alignment	not modelled	98.9	19	<b>Fold:</b> Glutamine synthetase/guanido kinase <b>Superfamily:</b> Glutamine synthetase/guanido kinase <b>Family:</b> Glutamate-cysteine ligase family 2 (GCS2)
23	<a href="#">c2gwcE</a>	Alignment	not modelled	98.0	17	<b>PDB header:</b> ligase <b>Chain:</b> E: <b>PDB Molecule:</b> glutamate cysteine ligase; <b>PDBTitle:</b> crystal structure of plant glutamate cysteine ligase in complex with a2 transition state analogue
24	<a href="#">d1u8sa2</a>	Alignment	not modelled	41.8	8	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> Glycine cleavage system transcriptional repressor
25	<a href="#">c2qw5B</a>	Alignment	not modelled	41.0	19	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> xylose isomerase-like tim barrel; <b>PDBTitle:</b> crystal structure of a putative sugar phosphate isomerase/epimerase2 (ava4194) from anabaena variabilis atcc 29413 at 1.78 a resolution
26	<a href="#">c2dr1A</a>	Alignment	not modelled	34.8	21	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> 386aa long hypothetical serine aminotransferase; <b>PDBTitle:</b> crystal structure of the ph1308 protein from pyrococcus horikoshii ot3
27	<a href="#">c3it5B</a>	Alignment	not modelled	29.5	32	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> protease lasa; <b>PDBTitle:</b> crystal structure of the lasa virulence factor from pseudomonas2 aeruginosa
28	<a href="#">c2p6yA</a>	Alignment	not modelled	28.9	13	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein vca0587; <b>PDBTitle:</b> x-ray structure of the protein q9km02_vibch from vibrio

					cholerae at2 the resolution 1.63 a. northeast structural genomics consortium3 target vcr80.
29	<a href="#">c3ke2A</a>	Alignment	not modelled	28.7	<b>PDB header:</b> unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein yp_928783.1; <b>PDBTitle:</b> crystal structure of a duf2131 family protein (sama_2911) from2 shewanella amazonensis sb2b at 2.50 a resolution
30	<a href="#">c5op0B</a>	Alignment	not modelled	22.2	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> dna polymerase ligd, polymerase domain; <b>PDBTitle:</b> structure of prim-polc from mycobacterium smegmatis
31	<a href="#">c1a8pA</a>	Alignment	not modelled	22.2	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> nadph\ferredoxin oxidoreductase; <b>PDBTitle:</b> ferredoxin reductase from azotobacter vinelandii
32	<a href="#">d2z1ea1</a>	Alignment	not modelled	20.2	<b>Fold:</b> Bacillus chorismate mutase-like <b>Superfamily:</b> PurM N-terminal domain-like <b>Family:</b> PurM N-terminal domain-like
33	<a href="#">d1vkia</a>	Alignment	not modelled	19.3	<b>Fold:</b> YbaK/ProRS associated domain <b>Superfamily:</b> YbaK/ProRS associated domain <b>Family:</b> YbaK/ProRS associated domain
34	<a href="#">c3bzjA</a>	Alignment	not modelled	19.1	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> uv endonuclease; <b>PDBTitle:</b> uvde k2291
35	<a href="#">c3hwuA</a>	Alignment	not modelled	19.0	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> putative dna-binding protein; <b>PDBTitle:</b> crystal structure of putative dna-binding protein (yp_299413.1) from2 ralstonia eutropha jmp134 at 1.30 a resolution
36	<a href="#">c2jy5A</a>	Alignment	not modelled	17.6	<b>PDB header:</b> signaling protein <b>Chain:</b> A: <b>PDB Molecule:</b> ubiquilin-1; <b>PDBTitle:</b> nmr structure of ubiquilin 1 uba domain
37	<a href="#">c4bt7A</a>	Alignment	not modelled	17.5	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-acetolactate decarboxylase; <b>PDBTitle:</b> acetolactate decarboxylase with a bound phosphate ion
38	<a href="#">d1z2la2</a>	Alignment	not modelled	17.1	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
39	<a href="#">c3htnA</a>	Alignment	not modelled	16.5	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> putative dna binding protein; <b>PDBTitle:</b> crystal structure of a putative dna binding protein (bt_1116) from2 bacteroides thetaiotaomicron vpi-5482 at 1.50 a resolution
40	<a href="#">c2gu1A</a>	Alignment	not modelled	16.0	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> zinc peptidase; <b>PDBTitle:</b> crystal structure of a zinc containing peptidase from2 vibrio cholerae
41	<a href="#">c5knwA</a>	Alignment	not modelled	15.7	<b>PDB header:</b> rna binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> la-related protein 7; <b>PDBTitle:</b> solution nmr structure of human larp7 xrrm2
42	<a href="#">c3ln7A</a>	Alignment	not modelled	15.5	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutathione biosynthesis bifunctional protein gshab; <b>PDBTitle:</b> crystal structure of a bifunctional glutathione synthetase from2 pasteurella multocida
43	<a href="#">c1u8sB</a>	Alignment	not modelled	15.3	<b>PDB header:</b> transcription <b>Chain:</b> B: <b>PDB Molecule:</b> glycine cleavage system transcriptional regulator <b>PDBTitle:</b> crystal structure of putative glycine cleavage system2 transcriptional repressor
44	<a href="#">c1yloC</a>	Alignment	not modelled	15.3	<b>PDB header:</b> recombination <b>Chain:</b> C: <b>PDB Molecule:</b> penicillin-binding protein-related factor a; <b>PDBTitle:</b> x-ray crystal structure of penicillin-binding protein-2 related factor a from bacillus stearothermophilus
45	<a href="#">d1y1oa</a>	Alignment	not modelled	15.3	<b>Fold:</b> Restriction endonuclease-like <b>Superfamily:</b> Restriction endonuclease-like <b>Family:</b> RecU-like
46	<a href="#">d2fhqa1</a>	Alignment	not modelled	14.7	<b>Fold:</b> Split barrel-like <b>Superfamily:</b> FMN-binding split barrel <b>Family:</b> PNP-oxidase like
47	<a href="#">d1owxa</a>	Alignment	not modelled	14.7	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> RNA-binding domain, RBD <b>Family:</b> Canonical RBD
48	<a href="#">d1ysja2</a>	Alignment	not modelled	14.5	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> Bacterial exopeptidase dimerisation domain <b>Family:</b> Bacterial exopeptidase dimerisation domain
49	<a href="#">c3tc3B</a>	Alignment	not modelled	14.3	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> uv damage endonuclease; <b>PDBTitle:</b> crystal structure of sacuvde
50	<a href="#">c5yhb</a>	Alignment	not modelled	14.3	<b>PDB header:</b> metal binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> alpha-acetolactate decarboxylase; <b>PDBTitle:</b> crystal structure of acetolactate decarboxylase from enterbacter2 aerogenes
51	<a href="#">c3ln6A</a>	Alignment	not modelled	14.2	<b>PDB header:</b> ligase <b>Chain:</b> A: <b>PDB Molecule:</b> glutathione biosynthesis bifunctional protein gshab; <b>PDBTitle:</b> crystal structure of a bifunctional glutathione synthetase from2 streptococcus agalactiae
52	<a href="#">c3uz0D</a>	Alignment	not modelled	13.8	<b>PDB header:</b> transport protein <b>Chain:</b> D: <b>PDB Molecule:</b> stage ii sporulation protein q; <b>PDBTitle:</b> crystal structure of spoillah and spoiiq complex
53	<a href="#">c2igoG</a>	Alignment	not modelled	13.7	<b>PDB header:</b> oxidoreductase <b>Chain:</b> G: <b>PDB Molecule:</b> pyranose oxidase; <b>PDBTitle:</b> crystal structure of pyranose 2-oxidase h167a mutant with 2-fluoro-2-2 deoxy-d-glucose
54	<a href="#">d1u8sa1</a>	Alignment	not modelled	13.6	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like

						<b>Family:</b> Glycine cleavage system transcriptional repressor
55	<a href="#">d1zpva1</a>	Alignment	not modelled	13.6	7	<b>Fold:</b> Ferredoxin-like <b>Superfamily:</b> ACT-like <b>Family:</b> SP0238-like
56	<a href="#">c5j1IA</a>	Alignment	not modelled	12.7	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> toxr-activated gene (tage); <b>PDBTitle:</b> crystal structure of csd1-csd2 dimer i
57	<a href="#">d1xv2a</a>	Alignment	not modelled	12.6	33	<b>Fold:</b> AF0104/ALDC/Ptd012-like <b>Superfamily:</b> AF0104/ALDC/Ptd012-like <b>Family:</b> Alpha-acetolactate decarboxylase-like
58	<a href="#">d1jqoa</a>	Alignment	not modelled	12.2	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Phosphoenolpyruvate/pyruvate domain <b>Family:</b> Phosphoenolpyruvate carboxylase
59	<a href="#">c1jqoA</a>	Alignment	not modelled	12.2	18	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoenolpyruvate carboxylase; <b>PDBTitle:</b> crystal structure of c4-form phosphoenolpyruvate carboxylase from2 maize
60	<a href="#">c5kqbA</a>	Alignment	not modelled	11.7	32	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> peptidase m23; <b>PDBTitle:</b> identification and structural characterization of lytu
61	<a href="#">d1a8pa2</a>	Alignment	not modelled	11.4	20	<b>Fold:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Superfamily:</b> Ferredoxin reductase-like, C-terminal NADP-linked domain <b>Family:</b> Reductases
62	<a href="#">c2hsIB</a>	Alignment	not modelled	11.3	25	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> putative peptidase m23; <b>PDBTitle:</b> crystal structure of putative peptidase m23 from2 pseudomonas aeruginosa, new york structural genomics3 consortium
63	<a href="#">c3p2oB</a>	Alignment	not modelled	11.2	19	<b>PDB header:</b> oxidoreductase, hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> bifunctional protein fold; <b>PDBTitle:</b> crystal structure of fold bifunctional protein from campylobacter2 jejuni
64	<a href="#">c3tufB</a>	Alignment	not modelled	11.0	44	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> stage ii sporulation protein q; <b>PDBTitle:</b> structure of the spoiiq-spoiiah pore forming complex.
65	<a href="#">c5yhoA</a>	Alignment	not modelled	10.8	33	<b>PDB header:</b> metal binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-acetolactate decarboxylase; <b>PDBTitle:</b> crystal structure of acetolactate decarboxylase from enterobacter2 cloacae
66	<a href="#">c5xneA</a>	Alignment	not modelled	10.3	33	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-acetolactate decarboxylase; <b>PDBTitle:</b> x-ray crystal structure of alpha-acetolactate decarboxylase from2 bacillus subtilis strain 168
67	<a href="#">c3qm2A</a>	Alignment	not modelled	10.2	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoserine aminotransferase; <b>PDBTitle:</b> 2.25 angstrom crystal structure of phosphoserine aminotransferase2 (serc) from salmonella enterica subsp. enterica serovar typhimurium
68	<a href="#">d2c0ra1</a>	Alignment	not modelled	10.2	17	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
69	<a href="#">c4pmuD</a>	Alignment	not modelled	10.2	8	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> endo-1,4-beta-xylanase a; <b>PDBTitle:</b> crystal structure of a novel reducing-end xylose-releasing exo-2 oligoxylanase (xyna) belonging to gh10 family (space group p1211)
70	<a href="#">c3ixzB</a>	Alignment	not modelled	9.9	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> potassium-transporting atpase subunit beta; <b>PDBTitle:</b> pig gastric h+/k+-atpase complexed with aluminium fluoride
71	<a href="#">c6ithA</a>	Alignment	not modelled	9.4	23	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> syndecan-2; <b>PDBTitle:</b> structure of the transmembrane domain of syndecan 2 in micelles
72	<a href="#">c5mwwA</a>	Alignment	not modelled	9.4	20	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor siga; <b>PDBTitle:</b> sigma1.1 domain of sigmata from bacillus subtilis
73	<a href="#">c2z2vA</a>	Alignment	not modelled	9.2	18	<b>PDB header:</b> oxidoreductase <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ph1688; <b>PDBTitle:</b> crystal structure of l-lysine dehydrogenase from2 hyperthermophilic archaeon pyrococcus horikoshii
74	<a href="#">c2dt4A</a>	Alignment	not modelled	9.1	15	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> A: <b>PDB Molecule:</b> hypothetical protein ph0802; <b>PDBTitle:</b> crystal structure of pyrococcus horikoshii a plant- and prokaryote-2 conserved (ppc) protein at 1.60 resolution
75	<a href="#">c5w7gV</a>	Alignment	not modelled	9.0	21	<b>PDB header:</b> virus <b>Chain:</b> V: <b>PDB Molecule:</b> orf132; <b>PDBTitle:</b> an envelope of a filamentous hyperthermophilic virus carries lipids in2 a horseshoe conformation
76	<a href="#">d1a4ia2</a>	Alignment	not modelled	8.7	16	<b>Fold:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Superfamily:</b> Aminoacid dehydrogenase-like, N-terminal domain <b>Family:</b> Tetrahydrofolate dehydrogenase/cyclohydrolase
77	<a href="#">c5iwyD</a>	Alignment	not modelled	8.6	8	<b>PDB header:</b> lyase <b>Chain:</b> D: <b>PDB Molecule:</b> 2-c-methyl-d-erythritol 2,4-cyclodiphosphate synthase; <b>PDBTitle:</b> crystal structure of 2-c-methyl-d-erythritol 2,4-cyclodiphosphate2 synthase from bacillus subtilis complexed with cmp and mg2+
78	<a href="#">c5u4nA</a>	Alignment	not modelled	8.6	17	<b>PDB header:</b> lyase <b>Chain:</b> A: <b>PDB Molecule:</b> fructose-1; <b>PDBTitle:</b> crystal structure of a fructose-bisphosphate aldolase from neisseria2 gonorrhoeae
79	<a href="#">d1jicb2</a>	Alignment	not modelled	8.3	20	<b>Fold:</b> Putative DNA-binding domain <b>Superfamily:</b> Putative DNA-binding domain

						<b>Family:</b> Domains B1 and B5 of PheRS-beta, PheT
80	<a href="#">d1bjna_</a>	Alignment	not modelled	8.3	17	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> GABA-aminotransferase-like
81	<a href="#">c2btwA_</a>	Alignment	not modelled	8.2	17	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> alr0975 protein; <b>PDBTitle:</b> crystal structure of alr0975
82	<a href="#">c2jepB_</a>	Alignment	not modelled	8.0	13	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> xyloglucanase; <b>PDBTitle:</b> native family 5 xyloglucanase from paenibacillus pabuli
83	<a href="#">c4bh5B_</a>	Alignment	not modelled	7.9	6	<b>PDB header:</b> cell cycle <b>Chain:</b> B: <b>PDB Molecule:</b> murein hydrolase activator envc; <b>PDBTitle:</b> lym domain of envc, an activator of cell wall amidases in2 escherichia coli
84	<a href="#">c4owtB_</a>	Alignment	not modelled	7.8	24	<b>PDB header:</b> dna binding protein <b>Chain:</b> B: <b>PDB Molecule:</b> soss complex subunit b1; <b>PDBTitle:</b> structural basis of soss1 complex assembly
85	<a href="#">d1rvga_</a>	Alignment	not modelled	7.8	10	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Aldolase <b>Family:</b> Class II FBP aldolase
86	<a href="#">d2cyga1</a>	Alignment	not modelled	7.7	21	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
87	<a href="#">c2k6xA_</a>	Alignment	not modelled	7.5	18	<b>PDB header:</b> transcription <b>Chain:</b> A: <b>PDB Molecule:</b> rna polymerase sigma factor rpd; <b>PDBTitle:</b> autoregulation of a group 1 bacterial sigma factor involves2 the formation of a region 1.1- induced compacted structure
88	<a href="#">c3p2oA_</a>	Alignment	not modelled	7.4	19	<b>PDB header:</b> oxidoreductase, hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> bifunctional protein fold; <b>PDBTitle:</b> crystal structure of fold bifunctional protein from campylobacter2 jejuni
89	<a href="#">d2ch1a1</a>	Alignment	not modelled	7.3	14	<b>Fold:</b> PLP-dependent transferase-like <b>Superfamily:</b> PLP-dependent transferases <b>Family:</b> Cystathione synthase-like
90	<a href="#">c2nyiB_</a>	Alignment	not modelled	7.3	8	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> unknown protein; <b>PDBTitle:</b> crystal structure of an unknown protein from galdieria sulphuraria
91	<a href="#">c3tndF_</a>	Alignment	not modelled	7.2	47	<b>PDB header:</b> translation, toxin <b>Chain:</b> F: <b>PDB Molecule:</b> antitoxin vapb; <b>PDBTitle:</b> crystal structure of shigella flexneri vapbc toxin-antitoxin complex
92	<a href="#">c2iyfA_</a>	Alignment	not modelled	7.2	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> oleandomycin glycosyltransferase; <b>PDBTitle:</b> the crystal structure of macrolide glycosyltransferases: a2 blueprint for antibiotic engineering
93	<a href="#">c5j1mD_</a>	Alignment	not modelled	7.1	25	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> toxr-activated gene (tage); <b>PDBTitle:</b> crystal structure of csd1-csd2 dimer ii
94	<a href="#">c2wbrA_</a>	Alignment	not modelled	7.0	25	<b>PDB header:</b> dna-binding protein <b>Chain:</b> A: <b>PDB Molecule:</b> gw182; <b>PDBTitle:</b> the rrm domain in gw182 proteins contributes to mirna-2 mediated gene silencing
95	<a href="#">c2fyfB_</a>	Alignment	not modelled	6.8	8	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphoserine aminotransferase; <b>PDBTitle:</b> structure of a putative phosphoserine aminotransferase from2 mycobacterium tuberculosis
96	<a href="#">c3sluB_</a>	Alignment	not modelled	6.7	31	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> m23 peptidase domain protein; <b>PDBTitle:</b> crystal structure of nmb0315
97	<a href="#">c3b8eB_</a>	Alignment	not modelled	6.7	13	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> B: <b>PDB Molecule:</b> sodium/potassium-transporting atpase subunit <b>PDBTitle:</b> crystal structure of the sodium-potassium pump
98	<a href="#">d1aq0a_</a>	Alignment	not modelled	6.6	11	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> (Trans)glycosidases <b>Family:</b> beta-glycanases
99	<a href="#">c2f59B_</a>	Alignment	not modelled	6.6	27	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> 6,7-dimethyl-8-ribityllumazine synthase 1; <b>PDBTitle:</b> lumazine synthase ribh1 from brucella abortus (gene bruab1_0785,2 swiss-prot entry q57dy1) complexed with inhibitor 5-nitro-6-(d-3 ribitylamino)-2,4(1h,3h) pyrimidinedione