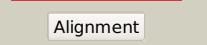
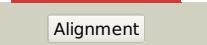
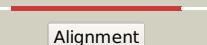
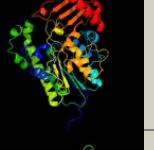
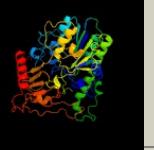


# Phyre<sup>2</sup>

Email	mdejesus@rockefeller.edu
Description	RVBD0296c_(-)_359758_361155
Date	Tue Jul 23 14:50:36 BST 2019
Unique Job ID	19e4207588d88f1b

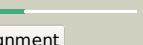
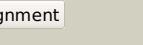
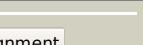
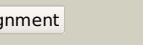
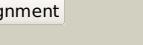
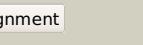
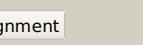
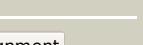
Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	<a href="#">c4uplC_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> sulfatase family protein; <b>PDBTitle:</b> dimeric sulfatase spas2 from silicibacter pomeroyi
2	<a href="#">c4upiA_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> sulfatase family protein; <b>PDBTitle:</b> dimeric sulfatase spas1 from silicibacter pomeroyi
3	<a href="#">c4mivB_</a>			100.0	29	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> n-sulphoglucosamine sulphohydrolase; <b>PDBTitle:</b> crystal structure of sulfamidase, crystal form I
4	<a href="#">c4ug4H_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> H: <b>PDB Molecule:</b> choline sulfatase; <b>PDBTitle:</b> crystal structure of a choline sulfatase from sinorhizobium2 melliloti
5	<a href="#">c4upkC_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> C: <b>PDB Molecule:</b> phosphonate monoester hydrolase; <b>PDBTitle:</b> phosphonate monoester hydrolase sppmh from silicibacter pomeroyi
6	<a href="#">c6hhmA_</a>			100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> arylsulfatase; <b>PDBTitle:</b> crystal structure of the family s1_7 ulvan-specific sulfatase fa220702 from formosa agariphila
7	<a href="#">c4uphA_</a>			100.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> sulfatase (sulfuric ester hydrolase) protein; <b>PDBTitle:</b> crystal structure of phosphonate monoester hydrolase of agrobacterium2 radiobacter
8	<a href="#">c3b5qB_</a>			100.0	26	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> putative sulfatase yidj; <b>PDBTitle:</b> crystal structure of a putative sulfatase (np_810509.1) from bacteroides thetaiotaomicron vpi-5482 at 2.40 a resolution
9	<a href="#">c2vqrA_</a>			100.0	30	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative sulfatase; <b>PDBTitle:</b> crystal structure of a phosphonate monoester hydrolase from rhizobium2 leguminosarum: a new member of the alkaline phosphatase superfamily
10	<a href="#">c3ed4A_</a>			100.0	29	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> arylsulfatase; <b>PDBTitle:</b> crystal structure of putative arylsulfatase from escherichia coli
11	<a href="#">c5g2vA_</a>			100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetylglucosamine-6-sulfatase; <b>PDBTitle:</b> structure of bt4656 in complex with its substrate d-glucosamine-2-n,2 6-o-disulfate.

12	<a href="#">c2qzuA</a>	Alignment		100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> putative sulfatase yidj; <b>PDBTitle:</b> crystal structure of the putative sulfatase yidj from bacteroides2 fragilis. northeast structural genomics consortium target bfr123
13	<a href="#">c6b1vB</a>	Alignment		100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> iota-carrageenan sulfatase; <b>PDBTitle:</b> crystal structure of ps i-cgsb c78s in complex with i-neocarratetraose
14	<a href="#">d1fsua</a>	Alignment		100.0	25	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Arylsulfatase
15	<a href="#">d1hdha</a>	Alignment		100.0	26	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Arylsulfatase
16	<a href="#">d1auka</a>	Alignment		100.0	30	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Arylsulfatase
17	<a href="#">c5fqIA</a>	Alignment		100.0	27	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> iduronate-2-sulfatase; <b>PDBTitle:</b> insights into hunter syndrome from the structure of iduronate-2-sulfatase
18	<a href="#">d1p49a</a>	Alignment		100.0	22	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Arylsulfatase
19	<a href="#">c6j66B</a>	Alignment		100.0	28	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> chondroitin sulfate/dermatan sulfate 4-o-endosulfatase <b>PDBTitle:</b> chondroitin sulfate/dermatan sulfate endolytic 4-o-sulfatase
20	<a href="#">c4fdiA</a>	Alignment		100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> n-acetylgalactosamine-6-sulfatase; <b>PDBTitle:</b> the molecular basis of mucopolysaccharidosis iv a
21	<a href="#">c6hr5A</a>	Alignment	not modelled	100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> alpha-l-rhamnosidase/sulfatase (gh78); <b>PDBTitle:</b> structure of the s1_25 family sulfatase module of the rhamnosidase2 fa22250 from formosa agariphila <b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> uncharacterized protein vp1736; <b>PDBTitle:</b> the crystal structure of a protein in the alkaline phosphatase2 superfamily from vibrio parahaemolyticus to 1.95a
22	<a href="#">c3lxqB</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> lipoteichoic acid primase; <b>PDBTitle:</b> crystal structure of the lipoteichoic acid synthase itap from listeria2 monocytogenes
23	<a href="#">c4uopB</a>	Alignment	not modelled	100.0	17	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> processed glycerol phosphate lipoteichoic acid synthase 2; <b>PDBTitle:</b> distinct and essential morphogenic functions for wall- and2 lipo-teichoic acids in bacillus subtilis
24	<a href="#">c2w8dB</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> membrane protein <b>Chain:</b> A: <b>PDB Molecule:</b> inner membrane protein yejm; <b>PDBTitle:</b> salmonella global domain 191
25	<a href="#">c5i5fA</a>	Alignment	not modelled	100.0	19	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> processed glycerol phosphate lipoteichoic acid <b>PDBTitle:</b> structure-based mechanism of lipoteichoic acid synthesis by2 staphylococcus aureus itas.
26	<a href="#">c2w5tA</a>	Alignment	not modelled	100.0	15	<b>PDB header:</b> transferase <b>Chain:</b> K: <b>PDB Molecule:</b> lipoteichoic acid synthase; <b>PDBTitle:</b> structure of lipoteichoic acid synthase itas from listeria2 monocytogenes in complex with glycerol phosphate
27	<a href="#">c4uorK</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> probable phosphatidylethanolamine transferase mcr-1; <b>PDBTitle:</b> catalytic domain of mcr-1 phosphoethanolamine
28	<a href="#">c5k4pA</a>	Alignment	not modelled	100.0	12	

						transferase
29	<a href="#">c6bneA</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoethanolamine transferase; <b>PDBTitle:</b> crystal structure of the intrinsic colistin resistance enzyme icr(mC2) from <i>moraxella catarrhalis</i> , catalytic domain, phosphate-bound complex
30	<a href="#">c6a82A</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphoethanolamine transferase eptc; <b>PDBTitle:</b> crystal structure of the c-terminal periplasmic domain of eptc from <i>escherichia coli</i>
31	<a href="#">c4tn0C</a>	Alignment	not modelled	100.0	10	<b>PDB header:</b> transferase <b>Chain:</b> C: <b>PDB Molecule:</b> upf0141 protein yjdb; <b>PDBTitle:</b> crystal structure of the c-terminal periplasmic domain of 2 phosphoethanolamine transferase eptc from <i>campylobacter jejuni</i>
32	<a href="#">c4kayA</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> yhbxy/hjw/yijp/yjdb family protein; <b>PDBTitle:</b> structure of the soluble domain of lipooligosaccharide2 phosphoethanolamine transferase a from <i>neisseria meningitidis</i> -3 complex with zn
33	<a href="#">c2zktB</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent phosphoglycerate <b>PDBTitle:</b> structure of ph0037 protein from <i>pyrococcus horikoshii</i>
34	<a href="#">c5tj3A</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> alkaline phosphatase pafa; <b>PDBTitle:</b> crystal structure of wild type alkaline phosphatase pafa to 1.7a2 resolution
35	<a href="#">c4lqyA</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> bis(5'-adenosyl)-triphosphatase enpp4; <b>PDBTitle:</b> crystal structure of human enpp4 with amp
36	<a href="#">c3q3qA</a>	Alignment	not modelled	100.0	22	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> crystal structure of spap: an novel alkaline phosphatase from <i>2 bacterium sphingomonas sp. strain bsar-1</i>
37	<a href="#">c3m8yC</a>	Alignment	not modelled	100.0	15	<b>PDB header:</b> isomerase <b>Chain:</b> C: <b>PDB Molecule:</b> phosphopentomutase; <b>PDBTitle:</b> phosphopentomutase from <i>bacillus cereus</i> after glucose-1,6-bisphosphate2 activation
38	<a href="#">c5udyA</a>	Alignment	not modelled	100.0	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> human alkaline sphingomyelinase (alk-smase, enpp7, npp7)
39	<a href="#">c5u9zB</a>	Alignment	not modelled	100.0	11	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphoglycerol transferase; <b>PDBTitle:</b> phosphoglycerol transferase gach from <i>streptococcus pyogenes</i>
40	<a href="#">c2gsoB</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> phosphodiesterase-nucleotide pyrophosphatase; <b>PDBTitle:</b> structure of xac nucleotide pyrophosphatase/phosphodiesterase in2 complex with vanadate
41	<a href="#">c5fgnA</a>	Alignment	not modelled	100.0	12	<b>PDB header:</b> transferase,hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> lipooligosaccharide phosphoethanolamine transferase a; <b>PDBTitle:</b> integral membrane protein lipooligosaccharide phosphoethanolamine2 transferase a (epeta) from <i>neisseria meningitidis</i>
42	<a href="#">c5vemA</a>	Alignment	not modelled	100.0	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> human ectonucleotide pyrophosphatase / phosphodiesterase 5 (enpp5,2 npp5)
43	<a href="#">d1o98a2</a>	Alignment	not modelled	100.0	18	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> 2,3-Bisphosphoglycerate-independent phosphoglycerate mutase, catalytic domain
44	<a href="#">c5gegD</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> hydrolase <b>Chain:</b> D: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> structure of enpp6, a choline-specific glycerophosphodiester-2 phosphodiesterase
45	<a href="#">d2i09a1</a>	Alignment	not modelled	100.0	16	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> DeoB catalytic domain-like
46	<a href="#">c2i09A</a>	Alignment	not modelled	100.0	14	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphopentomutase; <b>PDBTitle:</b> crystal structure of putative phosphopentomutase from <i>streptococcus2 mutans</i>
47	<a href="#">c6c02B</a>	Alignment	not modelled	100.0	21	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> human ectonucleotide pyrophosphatase / phosphodiesterase 3 (enpp3,2 npp3, cd203c), inactive (t205a), n594s, with alpha,beta-methylene-atp3 (ampcpp)
48	<a href="#">c5gz4A</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> snake venom phosphodiesterase (pde); <b>PDBTitle:</b> crystal structure of snake venom phosphodiesterase (pde) from <i>taiwan2 cobra</i> ( <i>naja atra atra</i> )
49	<a href="#">c4b56A</a>	Alignment	not modelled	100.0	23	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase-12 (npp1)
50	<a href="#">c5gz5A</a>	Alignment	not modelled	100.0	18	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> snake venom phosphodiesterase (pde); <b>PDBTitle:</b> crystal structure of snake venom phosphodiesterase (pde) from <i>taiwan2 cobra</i> ( <i>naja atra atra</i> ) in complex with amp
51	<a href="#">c2xrgA</a>	Alignment	not modelled	100.0	24	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> crystal structure of autotaxin (enpp2) in complex with

						the2 ha155 boronic acid inhibitor
52	<a href="#">c2xr9A</a>	Alignment	not modelled	100.0	25	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> ectonucleotide pyrophosphatase/phosphodiesterase family <b>PDBTitle:</b> crystal structure of autotaxin (enpp2)
53	<a href="#">c3szzA</a>	Alignment	not modelled	100.0	16	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphonoacetate hydrolase; <b>PDBTitle:</b> crystal structure of phosphonoacetate hydrolase from sinorhizobium2 meliloti 1021 in complex with acetate
54	<a href="#">d1ei6a</a>	Alignment	not modelled	100.0	20	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Phosphonoacetate hydrolase
55	<a href="#">c1o98A</a>	Alignment	not modelled	99.8	23	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent <b>PDBTitle:</b> 1.4a crystal structure of phosphoglycerate mutase from2 bacillus stearothermophilus complexed with3 2-phosphoglycerate
56	<a href="#">c5kgmA</a>	Alignment	not modelled	99.8	21	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent phosphoglycerate <b>PDBTitle:</b> 2.95a resolution structure of apo independent phosphoglycerate mutase2 from c. elegans (monoclinic form)
57	<a href="#">c4my4A</a>	Alignment	not modelled	99.8	25	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent phosphoglycerate <b>PDBTitle:</b> crystal structure of phosphoglycerate mutase from staphylococcus2 aureus.
58	<a href="#">c2d1gB</a>	Alignment	not modelled	99.8	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> acid phosphatase; <b>PDBTitle:</b> structure of francisella tularensis acid phosphatase a (acpa) bound to2 orthovanadate
59	<a href="#">c5vpuA</a>	Alignment	not modelled	99.8	20	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent phosphoglycerate <b>PDBTitle:</b> crystal structure of 2,3-bisphosphoglycerate-independent2 phosphoglycerate mutase bound to 3-phosphoglycerate, from3 acinetobacter baumannii
60	<a href="#">c3igzB</a>	Alignment	not modelled	99.8	17	<b>PDB header:</b> isomerase <b>Chain:</b> B: <b>PDB Molecule:</b> cofactor-independent phosphoglycerate mutase; <b>PDBTitle:</b> crystal structures of leishmania mexicana phosphoglycerate2 mutase at low cobalt concentration
61	<a href="#">c2iucB</a>	Alignment	not modelled	99.6	15	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> structure of alkaline phosphatase from the antarctic bacterium tab5
62	<a href="#">d1y6va1</a>	Alignment	not modelled	99.5	19	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Alkaline phosphatase
63	<a href="#">c2w0yB</a>	Alignment	not modelled	99.4	20	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> h.salinarum alkaline phosphatase
64	<a href="#">d1zedaa1</a>	Alignment	not modelled	99.3	17	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Alkaline phosphatase
65	<a href="#">c1ew2A</a>	Alignment	not modelled	99.3	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> phosphatase; <b>PDBTitle:</b> crystal structure of a human phosphatase
66	<a href="#">c2x98A</a>	Alignment	not modelled	99.3	20	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> h.salinarum alkaline phosphatase
67	<a href="#">c3a52A</a>	Alignment	not modelled	99.2	17	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> cold-active alkaline phosphatase; <b>PDBTitle:</b> crystal structure of cold-active alkaline phosphatase from2 psychrophile shewanella sp.
68	<a href="#">d1k7ha</a>	Alignment	not modelled	99.2	17	<b>Fold:</b> Alkaline phosphatase-like <b>Superfamily:</b> Alkaline phosphatase-like <b>Family:</b> Alkaline phosphatase
69	<a href="#">c3e2dB</a>	Alignment	not modelled	99.1	18	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> the 1.4 a crystal structure of the large and cold-active vibrio sp.2 alkaline phosphatase
70	<a href="#">c3wbhB</a>	Alignment	not modelled	98.9	20	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> alkaline phosphatase; <b>PDBTitle:</b> structural characteristics of alkaline phosphatase from a moderately2 halophilic bacteria halomonas sp.593
71	<a href="#">c5oltA</a>	Alignment	not modelled	98.4	14	<b>PDB header:</b> transferase <b>Chain:</b> A: <b>PDB Molecule:</b> cellulose biosynthesis protein bcsq; <b>PDBTitle:</b> crystal structure of the extramembrane domain of the cellulose2 biosynthetic protein bcsq from salmonella typhimurium
72	<a href="#">c3iddA</a>	Alignment	not modelled	96.2	19	<b>PDB header:</b> isomerase <b>Chain:</b> A: <b>PDB Molecule:</b> 2,3-bisphosphoglycerate-independent <b>PDBTitle:</b> cofactor-independent phosphoglycerate mutase from2 thermoplasma acidophilum dsm 1728
73	<a href="#">d1b4ub</a>	Alignment	not modelled	73.1	14	<b>Fold:</b> Phosphorylase/hydrolase-like <b>Superfamily:</b> LigB-like <b>Family:</b> LigB-like
74	<a href="#">c5xq0B</a>	Alignment	not modelled	60.8	13	<b>PDB header:</b> signaling protein <b>Chain:</b> B: <b>PDB Molecule:</b> fermitin family homolog 2,integrin beta-1; <b>PDBTitle:</b> structural basis of kindlin-mediated integrin recognition and2 activation
75	<a href="#">d3cu0a1</a>	Alignment	not modelled	56.2	28	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> 1,3-glucuronyltransferase
76	<a href="#">c2d0jD</a>	Alignment	not modelled	40.9	24	<b>PDB header:</b> transferase <b>Chain:</b> D: <b>PDB Molecule:</b> galactosylgalactosylxylosylprotein 3-beta- <b>PDBTitle:</b> crystal structure of human glcat-s apo form

77	<a href="#">c3oaaO</a>		Alignment	not modelled	40.5	20	<b>PDB header:</b> hydrolase/transport protein <b>Chain:</b> O: <b>PDB Molecule:</b> atp synthase gamma chain; <b>PDBTitle:</b> structure of the e.coli f1-atp synthase inhibited by subunit epsilon
78	<a href="#">d1v82a</a>		Alignment	not modelled	34.2	28	<b>Fold:</b> Nucleotide-diphospho-sugar transferases <b>Superfamily:</b> Nucleotide-diphospho-sugar transferases <b>Family:</b> 1,3-glucuronyltransferase
79	<a href="#">d1xo1a2</a>		Alignment	not modelled	31.3	15	<b>Fold:</b> PIN domain-like <b>Superfamily:</b> PIN domain-like <b>Family:</b> 5' to 3' exonuclease catalytic domain
80	<a href="#">c5mg9A</a>		Alignment	not modelled	29.4	31	<b>PDB header:</b> translation <b>Chain:</b> A: <b>PDB Molecule:</b> uncharacterized protein yacp; <b>PDBTitle:</b> crystal structure of rae1 (yacp) from bacillus subtilis (w164l mutant)
81	<a href="#">c4awaA</a>		Alignment	not modelled	28.8	33	<b>PDB header:</b> hydrolase/hydrolase inhibitor <b>Chain:</b> A: <b>PDB Molecule:</b> legumain; <b>PDBTitle:</b> crystal structure of active legumain in complex with yvacm2 at ph 5.0
82	<a href="#">c5zwIG</a>		Alignment	not modelled	28.1	14	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> atp synthase gamma chain; <b>PDBTitle:</b> crystal structure of the gamma - epsilon complex of photosynthetic2 cyanobacterial f1-atpase
83	<a href="#">c5zbiB</a>		Alignment	not modelled	23.1	13	<b>PDB header:</b> plant protein <b>Chain:</b> B: <b>PDB Molecule:</b> peptide asparaginyl ligase; <b>PDBTitle:</b> crystal structure of asparaginyl endopeptidases from viola canadensis
84	<a href="#">c6f5dG</a>		Alignment	not modelled	23.1	13	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> atp synthase gamma subunit; <b>PDBTitle:</b> trypanosoma brucei f1-atpase
85	<a href="#">c3wrB</a>		Alignment	not modelled	21.2	16	<b>PDB header:</b> oxidoreductase <b>Chain:</b> B: <b>PDB Molecule:</b> gallate dioxygenase; <b>PDBTitle:</b> crystal structure of the anaerobic h124f desb-gallate complex
86	<a href="#">c2w6hG</a>		Alignment	not modelled	18.4	11	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> atp synthase subunit gamma, mitochondrial; <b>PDBTitle:</b> low resolution structures of bovine mitochondrial f1-atpase during2 controlled dehydration: hydration state 4a.
87	<a href="#">c5h0iB</a>		Alignment	not modelled	18.0	11	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> asparaginyl endopeptidase; <b>PDBTitle:</b> name to be released when published
88	<a href="#">d1tfra2</a>		Alignment	not modelled	17.5	19	<b>Fold:</b> PIN domain-like <b>Superfamily:</b> PIN domain-like <b>Family:</b> 5' to 3' exonuclease catalytic domain
89	<a href="#">c4f6oA</a>		Alignment	not modelled	16.5	14	<b>PDB header:</b> hydrolase <b>Chain:</b> A: <b>PDB Molecule:</b> metacaspase-1; <b>PDBTitle:</b> crystal structure of the yeast metacaspase yca1
90	<a href="#">c6fkig</a>		Alignment	not modelled	16.4	16	<b>PDB header:</b> membrane protein <b>Chain:</b> G: <b>PDB Molecule:</b> atp synthase subunit c, chloroplastic; <b>PDBTitle:</b> chloroplast f1fo conformation 3
91	<a href="#">c6idvB</a>		Alignment	not modelled	16.2	10	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> peptide asparaginyl ligases; <b>PDBTitle:</b> peptide asparaginyl ligases from viola yedoensis
92	<a href="#">d1okga1</a>		Alignment	not modelled	15.0	18	<b>Fold:</b> Rhodanese/Cell cycle control phosphatase <b>Superfamily:</b> Rhodanese/Cell cycle control phosphatase <b>Family:</b> Multidomain sulfurtransferase (rhodanese)
93	<a href="#">c4fguB</a>		Alignment	not modelled	15.0	8	<b>PDB header:</b> hydrolase <b>Chain:</b> B: <b>PDB Molecule:</b> legumain; <b>PDBTitle:</b> crystal structure of prolegumain
94	<a href="#">c6q45G</a>		Alignment	not modelled	14.7	12	<b>PDB header:</b> hydrolase <b>Chain:</b> G: <b>PDB Molecule:</b> atp synthase gamma chain; <b>PDBTitle:</b> f1-atpase from fusobacterium nucleatum
95	<a href="#">c5nijB</a>		Alignment	not modelled	14.4	13	<b>PDB header:</b> ligase <b>Chain:</b> B: <b>PDB Molecule:</b> vacuolar-processing enzyme gamma-isozyme; <b>PDBTitle:</b> crystal structure of arabidopsis thaliana legumain isoform gamma in2 two-chain activation state
96	<a href="#">c4hdnb</a>		Alignment	not modelled	14.0	14	<b>PDB header:</b> transferase <b>Chain:</b> B: <b>PDB Molecule:</b> arsb; <b>PDBTitle:</b> crystal structure of arsb in the substrate-free state.
97	<a href="#">d1l5oa</a>		Alignment	not modelled	13.9	40	<b>Fold:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Superfamily:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT) <b>Family:</b> Nicotinate mononucleotide:5,6-dimethylbenzimidazole phosphoribosyltransferase (CobT)
98	<a href="#">d1ntha</a>		Alignment	not modelled	13.5	18	<b>Fold:</b> TIM beta/alpha-barrel <b>Superfamily:</b> Monomethylamine methyltransferase Mtmb <b>Family:</b> Monomethylamine methyltransferase Mtmb
99	<a href="#">c2r1fb</a>		Alignment	not modelled	12.7	17	<b>PDB header:</b> structural genomics, unknown function <b>Chain:</b> B: <b>PDB Molecule:</b> predicted aminodeoxychorismate lyase; <b>PDBTitle:</b> crystal structure of predicted aminodeoxychorismate lyase from escherichia coli