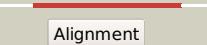
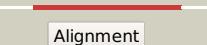
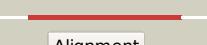
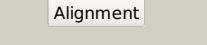
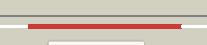


Phyre²

Email	mdejesus@rockefeller.edu
Description	RVBD3529c_(-)_3966063_3967217
Date	Fri Aug 9 18:20:20 BST 2019
Unique Job ID	9817b939c0bd6bdd

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2zq5A_	Alignment		100.0	99	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of sulfotransferase stf1 from2 mycobacterium tuberculosis h37rv (type1 form)
2	c2z6vA_	Alignment		100.0	27	PDB header: unknown function Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of sulfotransferase stf9 from2 mycobacterium avium
3	c4gbmA_	Alignment		100.0	13	PDB header: transferase Chain: A: PDB Molecule: curm sulfotransferase; PDBTitle: sulfotransferase domain from the curacin biosynthetic pathway
4	c3ap3A_	Alignment		100.0	21	PDB header: transferase Chain: A: PDB Molecule: protein-tyrosine sulfotransferase 2; PDBTitle: crystal structure of human tyrosylprotein sulfotransferase-2 complexed2 with pap
5	c4goxA_	Alignment		100.0	17	PDB header: transferase Chain: A: PDB Molecule: polyketide synthase; PDBTitle: sulfotransferase domain from the synecchococcus pcc 7002 olefin2 synthase
6	d1texa_	Alignment		99.9	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
7	c3rnIA_	Alignment		99.9	17	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase; PDBTitle: crystal structure of sulfotransferase from alicyclobacillus2 acidocaldarius
8	c1vkjA_	Alignment		99.9	15	PDB header: transferase Chain: A: PDB Molecule: heparan sulfate (glucosamine) 3-o-sulfotransferase 1; PDBTitle: crystal structure of heparan sulfate 3-o-sulfotransferase isoform 1 in2 the presence of pap
9	d1vkja_	Alignment		99.9	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
10	d1t8ta_	Alignment		99.9	22	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
11	c1nstA_	Alignment		99.9	18	PDB header: sulfotransferase Chain: A: PDB Molecule: heparan sulfate n-deacetylase/n-sulfotransferase; PDBTitle: the sulfotransferase domain of human heparin sulfate n-deacetylase/n-2 sulfotransferase

12	d1insta_			99.9	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
13	c3bd9A_			99.9	16	PDB header: transferase Chain: A: PDB Molecule: heparan sulfate glucosamine 3-o-sulfotransferase PDBTitle: human 3-o-sulfotransferase isoform 5 with bound pap	
14	d1ls6a_			99.9	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
15	c2gwhA_			99.9	16	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase 1c2; PDBTitle: human sulfotranferase sult1c2 in complex with pap and2 pentachlorophenol	
16	c3u3oA_			99.9	15	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase 1a1; PDBTitle: crystal structure of human sult1a1 bound to pap and two 3-cyano-7-2 hydroxycoumarin	
17	d1fmja_			99.9	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
18	d1xv1a_			99.9	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
19	d1j99a_			99.9	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
20	d2a3ra1			99.9	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase	
21	c5x2bK_		Alignment	not modelled	99.9	17	PDB header: transferase Chain: K: PDB Molecule: sulfotransferase; PDBTitle: crystal structure of mouse sulfotransferase sult7a1 complexed with pap
22	c3mg9A_		Alignment	not modelled	99.9	13	PDB header: transferase/antibiotic Chain: A: PDB Molecule: teg12; PDBTitle: teg 12 binary structure complexed with the teicoplanin aglycone
23	c2zvpX_		Alignment	not modelled	99.9	14	PDB header: transferase Chain: X: PDB Molecule: tyrosine-ester sulfotransferase; PDBTitle: crystal structure of mouse cytosolic sulfotransferase msult1d1 complex2 with pap and p-nitrophenol
24	c2ovfA_		Alignment	not modelled	99.9	20	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: stal; PDBTitle: crystal structure of stal-pap complex
25	c1qlqA_		Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase family, cytosolic, 2b, member 1 isoform a; PDBTitle: crystal structure of human pregnenolone sulfotransferase (sult2b1a) in2 the presence of pap
26	d1g3ma_		Alignment	not modelled	99.9	16	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
27	d1aqua_		Alignment	not modelled	99.9	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
28	d3bfxa1		Alignment	not modelled	99.9	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase

29	d1q20a	Alignment	not modelled	99.9	18	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
30	c3mgbA	Alignment	not modelled	99.9	14	PDB header: transferase/antibiotic Chain: A: PDB Molecule: teg12; PDBTitle: teg 12 ternary structure complexed with pap and the teicoplanin2 aglycone
31	c1zd1B	Alignment	not modelled	99.9	20	PDB header: transferase Chain: B: PDB Molecule: sulfotransferase 4a1; PDBTitle: human sulfotransferase sult4a1
32	c5mekA	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: cytosolic sulfotransferase 18; PDBTitle: sulphotransferase-18 from arabidopsis thaliana in complex with 3'-2' phosphoadenosine 5'-phosphate (pap)
33	c2h8kA	Alignment	not modelled	99.8	16	PDB header: transferase Chain: A: PDB Molecule: sult1c3 splice variant d; PDBTitle: human sulfotransferase sult1c3 in complex with pap
34	d1q44a	Alignment	not modelled	99.8	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: PAPS sulfotransferase
35	c5tizA	Alignment	not modelled	99.5	21	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase; PDBTitle: schistosoma japonicum (blood fluke) sulfotransferase
36	c4mubA	Alignment	not modelled	99.4	17	PDB header: transferase Chain: A: PDB Molecule: sulfotransferase; PDBTitle: schistosoma mansoni (blood fluke) sulfotransferase/oxamniquine complex
37	c3neyC	Alignment	not modelled	79.8	16	PDB header: membrane protein Chain: C: PDB Molecule: 55 kda erythrocyte membrane protein; PDBTitle: crystal structure of the kinase domain of mpp1/p55
38	c3gmtB	Alignment	not modelled	79.4	12	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from burkholderia pseudomallei
39	d1kjwa2	Alignment	not modelled	75.4	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
40	d2bcgy1	Alignment	not modelled	74.2	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
41	d1p3ja1	Alignment	not modelled	74.0	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
42	c1lw7A	Alignment	not modelled	70.6	17	PDB header: transferase Chain: A: PDB Molecule: transcriptional regulator nadr; PDBTitle: nadr protein from haemophilus influenzae
43	c4xrpA	Alignment	not modelled	70.1	13	PDB header: protein binding Chain: A: PDB Molecule: pnkp1; PDBTitle: structure of the pnkp1/rnl/hen1 rna repair complex
44	d1kgda	Alignment	not modelled	69.7	13	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
45	c2if2C	Alignment	not modelled	68.9	17	PDB header: transferase Chain: C: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of the putative dephospho-coa kinase from aquifex2 aeolicus, northeast structural genomics target qr72.
46	c2qorA	Alignment	not modelled	68.2	23	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of plasmodium vivax guanylate kinase
47	d1ak2a1	Alignment	not modelled	67.0	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
48	c3lh5A	Alignment	not modelled	67.0	18	PDB header: protein binding Chain: A: PDB Molecule: tight junction protein zo-1; PDBTitle: crystal structure of the sh3-guanylate kinase core domain of zo-1
49	c1zuiA	Alignment	not modelled	66.7	22	PDB header: transferase Chain: A: PDB Molecule: shikimate kinase; PDBTitle: structural basis for shikimate-binding specificity of helicobacter2 pylori shikimate kinase
50	c4nu0B	Alignment	not modelled	66.1	14	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from streptococcus pneumoniae2 with ap5a
51	d1s3ga1	Alignment	not modelled	65.4	19	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
52	c1m8pB	Alignment	not modelled	64.4	32	PDB header: transferase Chain: B: PDB Molecule: sulfate adenyllyltransferase; PDBTitle: crystal structure of p. chrysogenum atp sulfurylase in the t-state
53	d1lw7a2	Alignment	not modelled	63.7	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
54	c1nijA	Alignment	not modelled	63.5	29	PDB header: structural genomics, unknown function Chain: A: PDB Molecule: hypothetical protein yjia; PDBTitle: yjia protein
55	d1yzna1	Alignment	not modelled	63.3	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins

56	d1lvga_	Alignment	not modelled	62.9	26	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
57	c3tlxA_	Alignment	not modelled	62.7	11	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 2; PDBTitle: crystal structure of pf10_0086, adenylate kinase from plasmodium2 falciparum
58	c2oilA_	Alignment	not modelled	62.5	25	PDB header: protein transport Chain: A: PDB Molecule: ras-related protein rab-25; PDBTitle: crystal structure of human rab25 in complex with gdp
59	c1kjwA_	Alignment	not modelled	62.1	32	PDB header: neuropeptide Chain: A: PDB Molecule: postsynaptic density protein 95; PDBTitle: sh3-guanylate kinase module from psd-95
60	c3uatA_	Alignment	not modelled	61.7	21	PDB header: peptide binding protein Chain: A: PDB Molecule: disks large homolog 1; PDBTitle: guanylate kinase domains of the maguk family scaffold proteins as2 specific phospho-protein binding modules
61	d1jiva_	Alignment	not modelled	61.7	24	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
62	d1viaa_	Alignment	not modelled	61.5	27	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
63	d1akya1	Alignment	not modelled	60.6	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
64	d2cdna1	Alignment	not modelled	59.9	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
65	d1m8pa3	Alignment	not modelled	58.9	40	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: ATP sulfurylase C-terminal domain
66	c1f5nA_	Alignment	not modelled	58.8	34	PDB header: signaling protein Chain: A: PDB Molecule: interferon-induced guanylate-binding protein 1; PDBTitle: human guanylate binding protein-1 in complex with the gtp analogue,2 gmppnp.
67	c6gyeB_	Alignment	not modelled	58.6	27	PDB header: transport protein Chain: B: PDB Molecule: nicotinamide-nucleotide adenyllyltransferase nadr family / PDBTitle: crystal structure of nadr protein in complex with nr
68	c4ncIB_	Alignment	not modelled	58.5	33	PDB header: translation Chain: B: PDB Molecule: eukaryotic translation initiation factor 5b-like protein; PDBTitle: crystal structure of eukaryotic translation initiation factor eif5b2 (517-970) from chaetomium thermophilum in complex with gdp
69	d1m7gb_	Alignment	not modelled	58.0	37	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'phosphosulfate kinase (APS kinase)
70	d1rkba_	Alignment	not modelled	57.5	27	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
71	c3vaaC_	Alignment	not modelled	56.8	35	PDB header: transferase Chain: C: PDB Molecule: shikimate kinase; PDBTitle: 1.7 angstrom resolution crystal structure of shikimate kinase from2 bacteroides thetaiotaomicron
72	c2bwjC_	Alignment	not modelled	56.8	22	PDB header: transferase Chain: C: PDB Molecule: adenylate kinase 5; PDBTitle: structure of adenylate kinase 5
73	d1bifa1	Alignment	not modelled	56.7	29	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain
74	d1zina1	Alignment	not modelled	56.6	15	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
75	c2ar7A_	Alignment	not modelled	56.5	15	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase 4; PDBTitle: crystal structure of human adenylate kinase 4, ak4
76	c1ankA_	Alignment	not modelled	56.4	9	PDB header: transferase(phosphotransferase) Chain: A: PDB Molecule: adenylate kinase; PDBTitle: the closed conformation of a highly flexible protein: the structure of2 e. coli adenylate kinase with bound amp and amppnp
77	d2bmea1	Alignment	not modelled	56.3	30	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: G proteins
78	c3akyA_	Alignment	not modelled	55.8	14	PDB header: adenylate kinase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: stability, activity and structure of adenylate kinase2 mutants
79	c4yoaA_	Alignment	not modelled	55.6	30	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: shikimate kinase; PDBTitle: shikimate kinase from acinetobacter baumannii in complex with2 shikimate
80	c3umfa_	Alignment	not modelled	55.2	30	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: schistosoma mansoni adenylate kinase
81	d1e4va1	Alignment	not modelled	54.8	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
						PDB header: transferase

82	c5g3yA	Alignment	not modelled	54.7	10	Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase ancestor 1 with zn and adp bound
83	d1teva	Alignment	not modelled	54.2	14	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
84	d1nija1	Alignment	not modelled	54.0	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nitrogenase iron protein-like
85	c3cm0A	Alignment	not modelled	53.7	15	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from thermus2 thermophilus hb8
86	c4cw7A	Alignment	not modelled	53.7	35	PDB header: transferase Chain: A: PDB Molecule: putative adenylate kinase; PDBTitle: structure of the fap7-rps14 complex in complex with atp
87	d1zaka1	Alignment	not modelled	53.5	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
88	d2ak3a1	Alignment	not modelled	53.4	11	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
89	c1z6gA	Alignment	not modelled	53.0	23	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of guanylate kinase from plasmodium falciparum
90	c2grjH	Alignment	not modelled	52.7	26	PDB header: transferase Chain: H: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of dephospho-coa kinase (ec 2.7.1.24)2 (dephosphocoenzyme a kinase) (tm1387) from thermotoga maritima at3 2.60 a resolution
91	c1s3gA	Alignment	not modelled	52.6	20	PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of adenylate kinase from bacillus2 globisporus
92	d1m7ga	Alignment	not modelled	52.2	35	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Adenosine-5'-phosphosulfate kinase (APS kinase)
93	c4eunA	Alignment	not modelled	52.1	15	PDB header: transferase Chain: A: PDB Molecule: thermoresistant glucokinase; PDBTitle: crystal structure of a sugar kinase (target efi-502144 from janibacter2 sp. htcc2649), unliganded structure
94	c2yvuA	Alignment	not modelled	51.7	30	PDB header: transferase Chain: A: PDB Molecule: probable adenyllyl-sulfate kinase; PDBTitle: crystal structure of ape1195
95	d3adka	Alignment	not modelled	51.1	17	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
96	c1znyA	Alignment	not modelled	50.8	21	PDB header: transferase Chain: A: PDB Molecule: guanylate kinase; PDBTitle: crystal structure of mycobacterium tuberculosis guanylate kinase in2 complex with gdp
97	c2ak2A	Alignment	not modelled	50.7	12	PDB header: phosphotransferase Chain: A: PDB Molecule: adenylate kinase isoenzyme-2; PDBTitle: adenylate kinase isoenzyme-2
98	c4i1vB	Alignment	not modelled	50.5	33	PDB header: transferase Chain: B: PDB Molecule: dephospho-coa kinase; PDBTitle: crystal structure of a dephospho-coa kinase from burkholderia2 vietnamiensis bound to adp
99	c3trfB	Alignment	not modelled	49.9	22	PDB header: transferase Chain: B: PDB Molecule: shikimate kinase; PDBTitle: structure of a shikimate kinase (arok) from coxiella burnetii
100	c1zakB	Alignment	not modelled	49.7	14	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: adenylate kinase from maize in complex with the inhibitor p1,p5-bis(adenosine-5')pentaphosphate (ap5a)
101	d1qf9a	Alignment	not modelled	48.7	20	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
102	d1khta	Alignment	not modelled	48.3	27	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
103	c2eu8B	Alignment	not modelled	48.3	19	PDB header: transferase Chain: B: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of a thermostable mutant of bacillus2 subtilis adenylate kinase (q199r)
104	c2bovA	Alignment	not modelled	48.2	10	PDB header: transferase Chain: A: PDB Molecule: ras-related protein ral-a; PDBTitle: molecular recognition of an adp-ribosylating clostridium2 botulinum c3 exoenzyme by rala gtpase
105	c2rhmd	Alignment	not modelled	48.1	45	PDB header: unknown function Chain: D: PDB Molecule: putative kinase; PDBTitle: crystal structure of a putative kinase (caur_3907) from chloroflexus2 aurantiacus j-10-fl at 1.70 a resolution
106	d1kaga	Alignment	not modelled	47.6	27	Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Shikimate kinase (AroK)
107	c3bbpA	Alignment	not modelled	46.8	20	PDB header: protein transport/splicing Chain: A: PDB Molecule: ras-related protein rab-6a; PDBTitle: rab6-gtp:gcc185 rab binding domain complex
108	d1pbya1	Alignment	not modelled	46.3	24	Fold: Cytochrome c Superfamily: Cytochrome c Family: Quinohemoprotein amine dehydrogenase A chain, domains

					1 and 2
109	c3be4A		not modelled	46.2	10 PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structure of cryptosporidium parvum adenylate kinase cgd5_3360
110	d2bdta1		not modelled	45.9	25 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Atu3015-like
111	c2xb4A		not modelled	45.9	15 PDB header: transferase Chain: A: PDB Molecule: adenylate kinase; PDBTitle: crystal structures of zinc containing adenylate kinase from2 desulfovibrio gigas
112	c3kfvA		not modelled	45.8	23 PDB header: cell adhesion Chain: A: PDB Molecule: tight junction protein zo-3; PDBTitle: crystal structure of the sh3-kinase fragment of tight junction protein2 3 (tip3) in apo-form
113	d1k6ma1		not modelled	45.8	25 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase, kinase domain
114	c6bbqA		not modelled	45.7	36 PDB header: lipid binding protein Chain: A: PDB Molecule: cytohesin-3,adp-ribosylation factor 6; PDBTitle: model for extended volume of truncated monomeric cytohesin-3 (grp1;2 amino acids 63-399) e161a arf6 q67l fusion protein
115	d1p3da1		not modelled	45.5	20 Fold: MurCD N-terminal domain Superfamily: MurCD N-terminal domain Family: MurCD N-terminal domain
116	c3uiB		not modelled	45.3	38 PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: adenylyl-sulfate kinase 1, chloroplastic; PDBTitle: crystal structure of adenosine 5'-phosphosulfate kinase from2 arabidopsis thaliana in complex with amppnp and aps
117	c6qp0A		not modelled	45.3	50 PDB header: rna binding protein Chain: A: PDB Molecule: putative chromatin binding protein; PDBTitle: crystal structure of chaetomium thermophilum kti12 in complex with2 adp-alf3
118	c4bzpB		not modelled	45.2	25 PDB header: transferase Chain: B: PDB Molecule: bifunctional enzyme cysn/cysc; PDBTitle: structure of the mycobacterium tuberculosis aps kinase cysc2 in complex with adp
119	d1uf9a		not modelled	45.0	36 Fold: P-loop containing nucleoside triphosphate hydrolases Superfamily: P-loop containing nucleoside triphosphate hydrolases Family: Nucleotide and nucleoside kinases
120	d1jmxa1		not modelled	45.0	24 Fold: Cytochrome c Superfamily: Cytochrome c Family: Quinohemoprotein amine dehydrogenase A chain, domains 1 and 2