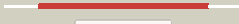



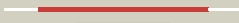
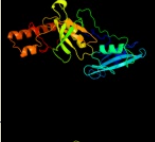

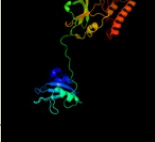
















Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	O61768
Date	Sat Apr 13 13:04:39 BST 2013
Unique Job ID	cba8a7bd53f021fa

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c2fo0A_	 Alignment		100.0	30	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase abl1 (1b isoform); PDBTitle: organization of the sh3-sh2 unit in active and inactive forms of the2 c-abl tyrosine kinase
2	c1oplA_	 Alignment		100.0	30	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
3	c1k9aB_	 Alignment		100.0	28	PDB header: transferase Chain: B; PDB Molecule: carboxyl-terminal src kinase; PDBTitle: crystal structure analysis of full-length carboxyl-terminal2 src kinase at 2.5 a resolution
4	c1y57A_	 Alignment		100.0	29	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: structure of unphosphorylated c-src in complex with an inhibitor
5	c2h8hA_	 Alignment		100.0	29	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: src kinase in complex with a quinazoline inhibitor
6	c2c0iA_	 Alignment		100.0	34	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase hck; PDBTitle: src family kinase hck with bound inhibitor a-420983
7	c4fi2A_	 Alignment		100.0	27	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase syk; PDBTitle: structural and biophysical characterization of the syk activation2 switch
8	c2ozoA_	 Alignment		100.0	28	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
9	c3cblA_	 Alignment		100.0	37	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase fes/fps; PDBTitle: crystal structure of human feline sarcoma viral oncogene homologue (v-2 fes) in complex with staurosporine and a consensus peptide
10	c4im2A_	 Alignment		100.0	26	PDB header: transferase/transferase inhibitor Chain: A; PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of tank-binding kinase 1
11	c3qa8H_	 Alignment		100.0	30	PDB header: immune system, signaling protein Chain: H; PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta

12	c3qa8A_	Alignment		100.0	30	PDB header: immune system, signaling protein Chain: A: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
13	c3c4wB_	Alignment		100.0	20	PDB header: transferase Chain: B: PDB Molecule: rhodopsin kinase; PDBTitle: crystal structure of g protein coupled receptor kinase 1 bound to atp2 and magnesium chloride at 2.7a
14	c2j0kB_	Alignment		100.0	32	PDB header: transferase Chain: B: PDB Molecule: focal adhesion kinase 1; PDBTitle: crystal structure of a fragment of focal adhesion kinase2 containing the ferm and kinase domains.
15	c1ym7C_	Alignment		100.0	21	PDB header: transferase Chain: C: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: g protein-coupled receptor kinase 2 (grk2)
16	c3c4yA_	Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: rhodopsin kinase; PDBTitle: crystal structure of apo form of g protein coupled receptor kinase 12 at 7.51a
17	c2acxB_	Alignment		100.0	19	PDB header: transferase Chain: B: PDB Molecule: g protein-coupled receptor kinase 6; PDBTitle: crystal structure of g protein coupled receptor kinase 6 bound to2 amppnp
18	c3nyoB_	Alignment		100.0	20	PDB header: transferase Chain: B: PDB Molecule: g protein-coupled receptor kinase 6; PDBTitle: crystal structure of g protein-coupled receptor kinase 6 in complex2 with amp
19	c3pfqA_	Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: protein kinase c beta type; PDBTitle: crystal structure and allosteric activation of protein kinase c beta2 ii
20	c3tkuB_	Alignment		100.0	26	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: serine/threonine-protein kinase mrck beta; PDBTitle: mrck beta in complex with fasudil
21	c4eutA_	Alignment	not modelled	100.0	26	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of bx-795 complexed with unphosphorylated human tbk1 kinase-2 uld domain
22	c2pziA_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: probable serine/threonine-protein kinase pkng; PDBTitle: crystal structure of protein kinase pkng from mycobacterium2 tuberculosis in complex with tetrahydrobenzothioephene ax20017
23	c1koaA_	Alignment	not modelled	100.0	22	PDB header: kinase Chain: A: PDB Molecule: twitchin; PDBTitle: twitchin kinase fragment (c.elegans), autoregulated protein2 kinase and immunoglobulin domains
24	c2vwiC_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase osr1; PDBTitle: structure of the osr1 kinase, a hypertension drug target
25	c3soaA_	Alignment	not modelled	100.0	21	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium/calmodulin-dependent protein kinase type ii subunit PDBTitle: full-length human camkii
26	c2c30A_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 6; PDBTitle: crystal structure of the human p21-activated kinase 6
27	c3g0eA_	Alignment	not modelled	100.0	31	PDB header: transferase Chain: A: PDB Molecule: mast/stem cell growth factor receptor; PDBTitle: kit kinase domain in complex with sunitinib
28	c3ckxA_	Alignment	not modelled	100.0	27	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase 24; PDBTitle: crystal structure of sterile 20-like kinase 3 (mst3, stk24)2

					in complex with staurosporine PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 14; PDBTitle: crystal structure of nf-kb-inducing kinase (nik)
29	c4dn5A_	Alignment	not modelled	100.0	23
30	c3d9vA_	Alignment	not modelled	100.0	26
31	c3fbvL_	Alignment	not modelled	100.0	27
32	c3q5iA_	Alignment	not modelled	100.0	25
33	c2vuwA_	Alignment	not modelled	100.0	23
34	c4fijA_	Alignment	not modelled	100.0	24
35	c2kulA_	Alignment	not modelled	100.0	20
36	c3vw6B_	Alignment	not modelled	100.0	26
37	c2ivsA_	Alignment	not modelled	100.0	32
38	c3p23B_	Alignment	not modelled	100.0	28
39	d1qcfa3	Alignment	not modelled	100.0	36
40	c3e7eA_	Alignment	not modelled	100.0	18
41	c3rp9A_	Alignment	not modelled	100.0	24
42	d2j4za1	Alignment	not modelled	100.0	27
43	d1opja_	Alignment	not modelled	100.0	33
44	c4fieB_	Alignment	not modelled	100.0	24
45	c2clqA_	Alignment	not modelled	99.9	24
46	d1yhwa1	Alignment	not modelled	99.9	23
47	c3dfaA_	Alignment	not modelled	99.9	31
48	c2jamB_	Alignment	not modelled	99.9	28
49	c3zzwA_	Alignment	not modelled	99.9	31
50	c3hztA_	Alignment	not modelled	99.9	29
51	c2pvfA_	Alignment	not modelled	99.9	34
52	c2wtkC_	Alignment	not modelled	99.9	26

						mo25alpha2 complex
53	c2a27B_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: B: PDB Molecule: death-associated protein kinase 2; PDBTitle: human drp-1 kinase, w305s s308a d40 mutant, crystal form with 82 monomers in the asymmetric unit
54	c2psqA_	Alignment	not modelled	99.9	33	PDB header: transferase Chain: A: PDB Molecule: fibroblast growth factor receptor 2; PDBTitle: crystal structure of unphosphorylated unactivated wild type2 fgf receptor 2 (fgfr2) kinase domain
55	d2psqa1	Alignment	not modelled	99.9	33	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
56	d1phka_	Alignment	not modelled	99.9	19	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
57	d3bu3a1	Alignment	not modelled	99.9	34	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
58	c2y7jB_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: B: PDB Molecule: phosphorylase b kinase gamma catalytic chain, PDBTitle: structure of human phosphorylase kinase, gamma 2
59	c3q60A_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: rop5b; PDBTitle: crystal structure of virulent allele rop5b pseudokinase domain bound2 to atp
60	c3kvwA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: dual specificity tyrosine-phosphorylation-regulated kinase PDBTitle: crystal structure of dual-specificity tyrosine phosphorylation2 regulated kinase 2 (dyrk2) in complex with an indirubin ligand
61	c3otvC_	Alignment	not modelled	99.9	11	PDB header: transferase Chain: C: PDB Molecule: probable conserved transmembrane protein; PDBTitle: crystal structure of the intracellular domain of rv3910 from2 mycobacterium tuberculosis
62	d1lufa_	Alignment	not modelled	99.9	33	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
63	c1lufA_	Alignment	not modelled	99.9	33	PDB header: transferase Chain: A: PDB Molecule: muscle-specific tyrosine kinase receptor musk; PDBTitle: crystal structure of the musk tyrosine kinase: insights2 into receptor autoregulation
64	d1qpca_	Alignment	not modelled	99.9	33	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
65	c2j51A_	Alignment	not modelled	99.9	28	PDB header: transferase Chain: A: PDB Molecule: ste20-like serine/threonine-protein kinase; PDBTitle: crystal structure of human ste20-like kinase bound to 5-2 amino-3-((4-(aminosulfonyl)phenyl)amino)-n-(2,6-3 difluorophenyl)-1h-1,2,4-triazole-1-carbothioamide
66	d2jfla1	Alignment	not modelled	99.9	27	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
67	c3dpkA_	Alignment	not modelled	99.9	31	PDB header: transferase Chain: A: PDB Molecule: macrophage colony-stimulating factor 1 receptor; PDBTitle: cfms tyrosine kinase in complex with a pyridopyrimidinone2 inhibitor
68	c3lxkA_	Alignment	not modelled	99.9	27	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase jak3; PDBTitle: structural and thermodynamic characterization of the tyk2 and jak32 kinase domains in complex with cp-690550 and cmp-6
69	c2bmcD_	Alignment	not modelled	99.9	28	PDB header: transferase Chain: D: PDB Molecule: serine threonine-protein kinase 6; PDBTitle: aurora-2 t287d t288d complexed with pha-680632
70	c4aojA_	Alignment	not modelled	99.9	33	PDB header: transferase Chain: A: PDB Molecule: high affinity nerve growth factor receptor; PDBTitle: human trka in complex with the inhibitor az-23
71	c2bujA_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase 16; PDBTitle: crystal structure of the human serine-threonine kinase 162 in complex with staurosporine
72	d1jksa_	Alignment	not modelled	99.9	25	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
73	c3op5B_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase vrk1; PDBTitle: human vaccinia-related kinase 1
74	d1uwha_	Alignment	not modelled	99.9	29	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
75	c2qg5D_	Alignment	not modelled	99.9	23	PDB header: transferase Chain: D: PDB Molecule: calcium/calmodulin-dependent protein kinase; PDBTitle: cryptosporidium parvum calcium dependent protein kinase cgd7_1840
76	c4ebwA_	Alignment	not modelled	99.9	35	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: focal adhesion kinase 1; PDBTitle: structure of focal adhesion kinase catalytic domain in complex with2 novel allosteric inhibitor
						PDB header: transferase

77	c3igoA_	Alignment	not modelled	99.9	33	Chain: A: PDB Molecule: calmodulin-domain protein kinase 1; PDBTitle: crystal structure of cryptosporidium parvum cdpk1, cgd3_920
78	c1mruB_	Alignment	not modelled	99.9	26	PDB header: transferase Chain: B: PDB Molecule: probable serine/threonine-protein kinase pknb; PDBTitle: intracellular ser/thr protein kinase domain of2 mycobacterium tuberculosis pknb.
79	c3d4qA_	Alignment	not modelled	99.9	28	PDB header: transferase Chain: A: PDB Molecule: b-raf proto-oncogene serine/threonine-protein kinase; PDBTitle: pyrazole-based inhibitors of b-raf kinase
80	c2jiiA_	Alignment	not modelled	99.9	13	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase vrk3 molecule: vaccinia PDBTitle: structure of vaccinia related kinase 3
81	c3p1aA_	Alignment	not modelled	99.9	17	PDB header: transferase Chain: A: PDB Molecule: membrane-associated tyrosine- and threonine-specific cdc2- PDBTitle: structure of human membrane-associated tyrosine- and threonine-2 specific cdc2-inhibitory kinase myt1 (pkmyt1)
82	c3lxnA_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: non-receptor tyrosine-protein kinase tyk2; PDBTitle: structural and thermodynamic characterization of the tyk2 and jak32 kinase domains in complex with cp-690550 and cmp-6
83	c2ya9A_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: death-associated protein kinase 2; PDBTitle: crystal structure of the autoinhibited form of mouse dapk2
84	d1o6ya_	Alignment	not modelled	99.9	26	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
85	c2zv2A_	Alignment	not modelled	99.9	23	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium/calmodulin-dependent protein kinase kinase 2; PDBTitle: crystal structure of human calcium/calmodulin-dependent protein kinase2 kinase 2, beta, camkk2 kinase domain in complex with sto-609
86	c2wtkB_	Alignment	not modelled	99.9	19	PDB header: transferase/metal-binding protein Chain: B: PDB Molecule: ste20-related kinase adapter protein alpha; PDBTitle: structure of the heterotrimeric lkb1-stradalphamo25alpha2 complex
87	d1k2pa_	Alignment	not modelled	99.9	34	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
88	d1u59a_	Alignment	not modelled	99.9	37	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
89	c3dzoA_	Alignment	not modelled	99.9	13	PDB header: transferase Chain: A: PDB Molecule: rhoptry kinase domain; PDBTitle: crystal structure of a rhoptry kinase from toxoplasma gondii
90	c3an0A_	Alignment	not modelled	99.9	26	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: dual specificity mitogen-activated protein kinase kinase 6; PDBTitle: crystal structure of non-phosphorylated map2k6 as a putative auto2 inhibition state
91	d1uu3a_	Alignment	not modelled	99.9	26	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
92	c2zmcA_	Alignment	not modelled	99.9	15	PDB header: transferase Chain: A: PDB Molecule: dual specificity protein kinase ttk; PDBTitle: crystal structure of human mitotic checkpoint kinase mps1 catalytic2 domain apo form
93	c1xjdA_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: protein kinase c, theta type; PDBTitle: crystal structure of pkc-theta complexed with staurosporine2 at 2a resolution
94	d1xjda_	Alignment	not modelled	99.9	25	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
95	c2vd5A_	Alignment	not modelled	99.9	22	PDB header: transferase Chain: A: PDB Molecule: dmpk protein; PDBTitle: structure of human myotonic dystrophy protein kinase in2 complex with the bisindolmaleide inhibitor bim viii
96	d1s9ja_	Alignment	not modelled	99.9	29	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
97	c3i6wB_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase chk2; PDBTitle: structure and activation mechanism of the chk2 dna-damage checkpoint2 kinase
98	c1yvjA_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase jak3; PDBTitle: crystal structure of the jak3 kinase domain in complex with2 a staurosporine analogue
99	c2h6dA_	Alignment	not modelled	99.9	23	PDB header: signaling protein,transferase Chain: A: PDB Molecule: 5'-amp-activated protein kinase catalytic subunit PDBTitle: protein kinase domain of the human 5'-amp-activated protein2 kinase catalytic subunit alpha-2 (ampk alpha-2 chain)
100	c2a1aB_	Alignment	not modelled	99.9	30	PDB header: protein synthesis/transferase Chain: B: PDB Molecule: interferon-induced, double-stranded rna-activated protein PDBTitle: pkr kinase domain-eif2alpha complex PDB header: transferase Chain: A: PDB Molecule: calcium/calmodulin dependent protein

101	c3lijA_	Alignment	not modelled	99.9	28	kinase with PDBTitle: crystal structure of full length cpdck3 (cgd5_820) in2 complex with ca2+ and amppnp
102	d1fvra_	Alignment	not modelled	99.9	29	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
103	d1mp8a_	Alignment	not modelled	99.9	35	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
104	c2wu6A_	Alignment	not modelled	99.9	20	PDB header: transferase Chain: A: PDB Molecule: dual specificity protein kinase clk3; PDBTitle: crystal structure of the human clk3 in complex with dki
105	c2y94A_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: 5'-amp-activated protein kinase catalytic subunit alpha-1; PDBTitle: structure of an active form of mammalian ampk
106	c2x4fA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: myosin light chain kinase family member 4; PDBTitle: the crystal structure of the human myosin light chain2 kinase loc340156.
107	c3is5E_	Alignment	not modelled	99.9	27	PDB header: transferase Chain: E: PDB Molecule: calcium-dependent protein kinase; PDBTitle: crystal structure of cdpk kinase domain from toxoplasma gondii,2 tgme49_018720
108	c3iltA_	Alignment	not modelled	99.9	19	PDB header: transferase Chain: A: PDB Molecule: serine/threonine kinase-1, pflammer; PDBTitle: crystal structure of pf14_0431, kinase domain.
109	d1t46a_	Alignment	not modelled	99.9	31	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
110	c2cgvA_	Alignment	not modelled	99.9	31	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase chk1; PDBTitle: identification of chemically diverse chk1 inhibitors by2 receptor-based virtual screening
111	c2vrxB_	Alignment	not modelled	99.9	21	PDB header: cell cycle/transferase Chain: B: PDB Molecule: serine/threonine-protein kinase 12-a; PDBTitle: structure of aurora b kinase in complex with zm447439
112	c3byvA_	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: rhoptyr kinase; PDBTitle: crystal structure of toxoplasma gondii specific rhoptyr2 antigen kinase domain
113	c1tqmA_	Alignment	not modelled	99.9	21	PDB header: ribosome Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of a. fulgidus rio2 serine protein kinase bound to2 amppnp
114	c2r7bA_	Alignment	not modelled	99.9	27	PDB header: signaling protein, transferase Chain: A: PDB Molecule: phosphoinositide-dependent protein kinase 1; PDBTitle: crystal structure of the phosphoinositide-dependent kinase-2 1 (pdk-1)catalytic domain bound to a dibenzonaphthridine3 inhibitor
115	c3lvpD_	Alignment	not modelled	99.9	34	PDB header: transferase Chain: D: PDB Molecule: insulin-like growth factor 1 receptor; PDBTitle: crystal structure of bisphosphorylated igf1-r kinase domain (2p) in2 complex with a bis-azaindole inhibitor
116	c3l9pA_	Alignment	not modelled	99.9	32	PDB header: transferase Chain: A: PDB Molecule: anaplastic lymphoma kinase; PDBTitle: crystal structure of the anaplastic lymphoma kinase catalytic domain
117	c3kulB_	Alignment	not modelled	99.9	28	PDB header: transferase Chain: B: PDB Molecule: ephrin type-a receptor 8; PDBTitle: kinase domain of human ephrin type-a receptor 8 (epha8)
118	c2r5tA_	Alignment	not modelled	99.9	25	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase sgk1; PDBTitle: crystal structure of inactive serum and glucocorticoid-2 regulated kinase 1 in complex with amp-pnp
119	d1fmka3	Alignment	not modelled	99.9	32	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
120	c3cokB_	Alignment	not modelled	99.9	21	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase plk4; PDBTitle: crystal structure of plk4 kinase