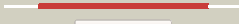



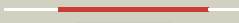



















Phyre2

Email	l.a.kelley@imperial.ac.uk
Description	P48025
Date	Wed Jul 10 14:17:05 BST 2013
Unique Job ID	4c05d1cfa7c9cf33

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4fl2A_	 Alignment		100.0	98	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase syk; PDBTitle: structural and biophysical characterization of the syk activation2 switch
2	c2ozoA_	 Alignment		100.0	59	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
3	c2fo0A_	 Alignment		100.0	40	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
4	c1oplA_	 Alignment		100.0	40	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
5	c1y57A_	 Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: structure of unphosphorylated c-src in complex with an inhibitor
6	c2h8hA_	 Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: src kinase in complex with a quinazoline inhibitor
7	c1k9aB_	 Alignment		100.0	44	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
8	c2c0iA_	 Alignment		100.0	38	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase hck; PDBTitle: src family kinase hck with bound inhibitor a-420983
9	c3cblA_	 Alignment		100.0	36	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	c2j0kB_	 Alignment		100.0	37	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.
11	c2oq1A_	 Alignment		100.0	55	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: tandem sh2 domains of zap-70 with 19-mer zeta1 peptide

12	c3qa8H_	Alignment		100.0	26	PDB header: immune system, signaling protein Chain: H: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
13	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
14	d1u59a_	Alignment		100.0	62	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
15	c3zzwA_	Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase transmembrane receptor ror2; PDBTitle: crystal structure of the kinase domain of ror2
16	d1qcfa3	Alignment		100.0	35	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
17	c3pfgA_	Alignment		100.0	20	PDB header: transferase Chain: A: PDB Molecule: protein kinase c beta type; PDBTitle: crystal structure and allosteric activation of protein kinase c beta2 ii
18	c2acxB_	Alignment		100.0	21	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
19	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
20	d1xbba_	Alignment		100.0	97	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
21	c3qa8A_	Alignment	not modelled	100.0	27	PDB header: immune system, signaling protein Chain: A: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
22	d1opja_	Alignment	not modelled	100.0	38	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
23	c3c4wB_	Alignment	not modelled	100.0	22	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
24	c1ym7C_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: C: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: g protein-coupled receptor kinase 2 (grk2)
25	c3c4yA_	Alignment	not modelled	100.0	22	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
26	c2ivsA_	Alignment	not modelled	100.0	38	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase receptor PDBTitle: crystal structure of non-phosphorylated ret tyrosine kinase2 domain
27	d1qpca_	Alignment	not modelled	100.0	40	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
28	c3g0eA_	Alignment	not modelled	100.0	34	PDB header: transferase Chain: A: PDB Molecule: mast/stem cell growth factor receptor; PDBTitle: kit kinase domain in complex with sunitinib
						PDB header: transferase

29	c3ckxA	Alignment	not modelled	100.0	25	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
30	c3q5iA	Alignment	not modelled	100.0	28	PDB header: transferase Chain: A: PDB Molecule: protein kinase; PDBTitle: crystal structure of pbkana_031420
31	c3soaA	Alignment	not modelled	100.0	19	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium/calmodulin-dependent protein kinase type ii subunit PDBTitle: full-length human camkii
32	c3plsA	Alignment	not modelled	100.0	33	PDB header: transferase Chain: A: PDB Molecule: macrophage-stimulating protein receptor; PDBTitle: ron in complex with ligand amp-pnp
33	c3dpkA	Alignment	not modelled	100.0	35	PDB header: transferase Chain: A: PDB Molecule: macrophage colony-stimulating factor 1 receptor; PDBTitle: cfms tyrosine kinase in complex with a pyridopyrimidinone2 inhibitor
34	c1lufA	Alignment	not modelled	100.0	36	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
35	d1lufa	Alignment	not modelled	100.0	36	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
36	c4dn5A	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 14; PDBTitle: crystal structure of nf-kb-inducing kinase (nik)
37	c1koaA	Alignment	not modelled	100.0	23	PDB header: kinase Chain: A: PDB Molecule: twitchin; PDBTitle: twitchin kinase fragment (c.elegans), autoregulated protein2 kinase and immunoglobulin domains
38	c2c30A	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 6; PDBTitle: crystal structure of the human p21-activated kinase 6
39	d1k2pa	Alignment	not modelled	100.0	37	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
40	c2vwiC	Alignment	not modelled	100.0	29	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase osr1; PDBTitle: structure of the osr1 kinase, a hypertension drug target
41	d2j4za1	Alignment	not modelled	100.0	24	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
42	c2pvfA	Alignment	not modelled	100.0	37	PDB header: transferase Chain: A: PDB Molecule: fibroblast growth factor receptor 2; PDBTitle: crystal structure of tyrosine phosphorylated activated fgf receptor 22 (fgfr2) kinase domain in complex with atp analog and substrate3 peptide
43	c2psqA	Alignment	not modelled	100.0	37	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
44	d2psqa1	Alignment	not modelled	100.0	37	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
45	c2wtkC	Alignment	not modelled	100.0	23	PDB header: transferase/metal-binding protein Chain: C: PDB Molecule: serine/threonine-protein kinase 11; PDBTitle: structure of the heterotrimeric lkb1-strada1alpha2 complex
46	c3lxA	Alignment	not modelled	100.0	35	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
47	c3tkuB	Alignment	not modelled	100.0	23	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: serine/threonine-protein kinase mrck beta; PDBTitle: mrck beta in complex with fasudil
48	c4aojA	Alignment	not modelled	100.0	34	PDB header: transferase Chain: A: PDB Molecule: high affinity nerve growth factor receptor; PDBTitle: human trka in complex with the inhibitor az-23
49	c4fijA	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: catalytic domain of human pak4
50	c4ebwA	Alignment	not modelled	100.0	40	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
51	c3kulB	Alignment	not modelled	100.0	36	PDB header: transferase Chain: B: PDB Molecule: ephrin type-a receptor 8; PDBTitle: kinase domain of human ephrin type-a receptor 8 (epha8)
52	d3bu3a1	Alignment	not modelled	100.0	34	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
53	d1t46a	Alignment	not modelled	100.0	34	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
54	d1fmka3	Alignment	not modelled	100.0	36	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
						PDB header: transferase, hydrolase

55	c3fbvL_	Alignment	not modelled	100.0	26	Chain: L; PDB Molecule: serine/threonine-protein kinase/endoribonuclease ire1; PDBTitle: crystal structure of the oligomer formed by the kinase-ribonuclease2 domain of ire1
56	d1p4oa_	Alignment	not modelled	100.0	31	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
57	c4fieB_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: B; PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: full-length human pak4
58	d1mp8a_	Alignment	not modelled	100.0	39	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
59	c1a81E_	Alignment	not modelled	100.0	93	PDB header: complex (transferase/peptide) Chain: E; PDB Molecule: syk kinase; PDBTitle: crystal structure of the tandem sh2 domain of the syk kinase bound to2 a dually tyrosine-phosphorylated itam
60	c2jamB_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: B; PDB Molecule: calcium/calmodulin-dependent protein kinase type PDBTitle: crystal structure of human calmodulin-dependent protein2 kinase i g
61	d1yhwa1	Alignment	not modelled	100.0	22	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
62	c4eutA_	Alignment	not modelled	100.0	24	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
63	c3lijA_	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A; PDB Molecule: calcium/calmodulin dependent protein kinase with PDBTitle: crystal structure of full length cpd3pk3 (cgd5_820) in2 complex with ca2+ and amppnp
64	c2bujA_	Alignment	not modelled	100.0	19	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
65	d1phka_	Alignment	not modelled	100.0	24	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
66	c3l9pA_	Alignment	not modelled	100.0	35	PDB header: transferase Chain: A; PDB Molecule: anaplastic lymphoma kinase; PDBTitle: crystal structure of the anaplastic lymphoma kinase catalytic domain
67	c2a1aB_	Alignment	not modelled	100.0	23	PDB header: protein synthesis/transferase Chain: B; PDB Molecule: interferon-induced, double-stranded rna-activated protein PDBTitle: pkr kinase domain-eif2alpha complex
68	c3lvpD_	Alignment	not modelled	100.0	35	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
69	d1fgka_	Alignment	not modelled	100.0	35	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
70	c3eygA_	Alignment	not modelled	100.0	37	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase; PDBTitle: crystal structures of jak1 and jak2 inhibitor complexes
71	c3cc6A_	Alignment	not modelled	100.0	39	PDB header: transferase Chain: A; PDB Molecule: protein tyrosine kinase 2 beta; PDBTitle: crystal structure of kinase domain of protein tyrosine kinase 2 beta2 (ptk2b)
72	c2bmcD_	Alignment	not modelled	100.0	25	PDB header: transferase Chain: D; PDB Molecule: serine threonine-protein kinase 6; PDBTitle: aurora-2 t287d t288d complexed with pha-680632
73	d1uwha_	Alignment	not modelled	100.0	28	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
74	c3dfaA_	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A; PDB Molecule: calcium-dependent protein kinase cgd3_920; PDBTitle: crystal structure of kinase domain of calcium-dependent protein kinase2 cgd3_920 from cryptosporidium parvum
75	c3d9vA_	Alignment	not modelled	100.0	21	PDB header: transferase Chain: A; PDB Molecule: rho-associated protein kinase 1; PDBTitle: crystal structure of rock i bound to h-1152p a di-2 methylated variant of fasudil
76	c2y7jB_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: B; PDB Molecule: phosphorylase b kinase gamma catalytic chain, PDBTitle: structure of human phosphorylase kinase, gamma 2
77	d1mqba_	Alignment	not modelled	100.0	37	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
78	d1sm2a_	Alignment	not modelled	100.0	41	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
79	c3d4qA_	Alignment	not modelled	100.0	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	d1jpaa_	Alignment	not modelled	100.0	36	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit

81	c2clqA	Alignment	not modelled	100.0	26	PDB header: transferase Chain: A; PDB Molecule: mitogen-activated protein kinase kinase 5; PDBTitle: structure of mitogen-activated protein kinase kinase2 5
82	c3lxnA	Alignment	not modelled	100.0	37	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	c1yviA	Alignment	not modelled	100.0	35	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
84	c2qg5D	Alignment	not modelled	100.0	21	PDB header: transferase Chain: D; PDB Molecule: calcium/calmodulin-dependent protein kinase; PDBTitle: cryptosporidium parvum calcium dependent protein kinase cgd7_1840
85	c3p23B	Alignment	not modelled	100.0	25	PDB header: hydrolase, transferase Chain: B; PDB Molecule: serine/threonine-protein kinase/endoribonuclease ire1; PDBTitle: crystal structure of the human kinase and rnase domains in complex2 with adp
86	c3hztA	Alignment	not modelled	100.0	29	PDB header: transferase Chain: A; PDB Molecule: calcium-dependent protein kinase 3; PDBTitle: crystal structure of toxoplasma gondii cdpk3, tgme49_105860
87	c4e1zA	Alignment	not modelled	100.0	38	PDB header: transferase/transferase inhibitor Chain: A; PDB Molecule: non-receptor tyrosine-protein kinase tyk2; PDBTitle: structure of mouse tyk-2 complexed to a 3-aminoindazole inhibitor
88	d1fvra	Alignment	not modelled	100.0	36	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
89	c2pziA	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A; PDB Molecule: probable serine/threonine-protein kinase pknq; PDBTitle: crystal structure of protein kinase pknq from mycobacterium2 tuberculosis in complex with tetrahydrobenzothioephene ax20017
90	c2j51A	Alignment	not modelled	100.0	23	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
91	c3vw6B	Alignment	not modelled	100.0	27	PDB header: transferase/transferase inhibitor Chain: B; PDB Molecule: mitogen-activated protein kinase kinase kinase 5; PDBTitle: crystal structure of human apoptosis signal-regulating kinase 1 (ask1)2 with imidazopyridine inhibitor
92	c2w1iB	Alignment	not modelled	100.0	34	PDB header: transferase Chain: B; PDB Molecule: jak2; PDBTitle: structure determination of aurora kinase in complex with2 inhibitor
93	d2jfla1	Alignment	not modelled	100.0	21	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
94	d1jksa	Alignment	not modelled	100.0	22	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
95	c3v5qB	Alignment	not modelled	100.0	32	PDB header: transferase/transferase inhibitor Chain: B; PDB Molecule: nt-3 growth factor receptor; PDBTitle: discovery of a selective trk inhibitor with efficacy in rodent cancer2 tumor models
96	c2qobA	Alignment	not modelled	100.0	36	PDB header: transferase Chain: A; PDB Molecule: ephrin receptor; PDBTitle: human epha3 kinase domain, base structure
97	d1xjda	Alignment	not modelled	100.0	25	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
98	c1xjda	Alignment	not modelled	100.0	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
99	c1mruB	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B; PDB Molecule: probable serine/threonine-protein kinase pknq; PDBTitle: intracellular ser/thr protein kinase domain of2 mycobacterium tuberculosis pknq.
100	c2a27B	Alignment	not modelled	100.0	22	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
101	d1ckia	Alignment	not modelled	100.0	20	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
102	c3fupB	Alignment	not modelled	100.0	34	PDB header: transferase Chain: B; PDB Molecule: tyrosine-protein kinase jak2; PDBTitle: crystal structures of jak1 and jak2 inhibitor complexes
103	c1xkkA	Alignment	not modelled	100.0	41	PDB header: transferase Chain: A; PDB Molecule: epidermal growth factor receptor; PDBTitle: egfr kinase domain complexed with a quinazoline inhibitor-2 gw572016
104	d1xkka	Alignment	not modelled	100.0	41	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit

105	d1o6ya_	Alignment	not modelled	100.0	22	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
106	c4hzaA_	Alignment	not modelled	100.0	38	PDB header: transferase Chain: A: PDB Molecule: activated cdc42 kinase 1; PDBTitle: crystal structure of ack1 kinase domain with c-terminal sh3 domain
107	c4ithB_	Alignment	not modelled	100.0	28	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: receptor-interacting serine/threonine-protein kinase 1; PDBTitle: crystal structure of rip1 kinase in complex with necrostatin-1 analog
108	c4g3dE_	Alignment	not modelled	100.0	24	PDB header: transferase Chain: E: PDB Molecule: nf-kappa-beta-inducing kinase; PDBTitle: crystal structure of human nf-kappab inducing kinase (nik)
109	c2cgvA_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase chk1; PDBTitle: identification of chemically diverse chk1 inhibitors by2 receptor-based virtual screening
110	c3sxaA_	Alignment	not modelled	100.0	37	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: cytoplasmic tyrosine-protein kinase bmx; PDBTitle: crystal structure of bmx non-receptor tyrosine kinase complex with2 dasatinib
111	c2bdwB_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: B: PDB Molecule: hypothetical protein k11e8.1d; PDBTitle: crystal structure of the auto-inhibited kinase domain of2 calcium/calmodulin activated kinase ii
112	c3sv0A_	Alignment	not modelled	100.0	19	PDB header: transferase Chain: A: PDB Molecule: casein kinase i-like; PDBTitle: crystal structure of casein kinase-1 like protein in plant
113	c2vz6A_	Alignment	not modelled	100.0	20	PDB header: transferase Chain: A: PDB Molecule: calcium calmodulin dependent protein kinase type ii alpha PDBTitle: structure of human calcium calmodulin dependent protein2 kinase type ii alpha (camk2a) in complex with indirubin3 e804
114	d1nvra_	Alignment	not modelled	100.0	22	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
115	c2zv2A_	Alignment	not modelled	100.0	21	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, camk2 kinase domain in complex with sto-609
116	c4eqmE_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: E: PDB Molecule: protein kinase; PDBTitle: structural analysis of staphylococcus aureus serine/threonine kinase2 pknb
117	c2ya9A_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: death-associated protein kinase 2; PDBTitle: crystal structure of the autoinhibited form of mouse dapk2
118	c2wqmA_	Alignment	not modelled	100.0	23	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase nek7; PDBTitle: structure of apo human nek7
119	c2wtkB_	Alignment	not modelled	100.0	18	PDB header: transferase/metal-binding protein Chain: B: PDB Molecule: ste20-related kinase adapter protein alpha; PDBTitle: structure of the heterotrimeric lkb1-stradalalpha-mo25alpha2 complex
120	c2vd5A_	Alignment	not modelled	100.0	22	PDB header: transferase Chain: A: PDB Molecule: dmpk protein; PDBTitle: structure of human myotonic dystrophy protein kinase in2 complex with the bisindolylmaleide inhibitor bim viii