

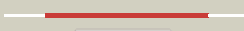























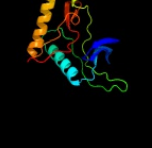
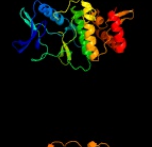





Phyre2

Email	mdejesus@rockefeller.edu
Description	RVBD0647c_(-)_741154_742620
Date	Fri Jul 26 01:50:21 BST 2019
Unique Job ID	80387aea94c40c1b

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c4pedA_	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: chaperone activity of bc1 complex-like, mitochondrial; PDBTitle: mitochondrial adck3 employs an atypical protein kinase-like fold to2 enable coenzyme q biosynthes
2	c5yk2A_	 Alignment		100.0	24	PDB header: transport protein Chain: A: PDB Molecule: probable conserved atp-binding protein abc transporter; PDBTitle: the complex structure of rv3197-erythromycin from mycobacterium2 tuberculosis
3	c6g51v_	 Alignment		99.8	19	PDB header: ribosome Chain: V: PDB Molecule: 40s ribosomal protein s21; PDBTitle: cryo-em structure of a late human pre-40s ribosomal subunit - state d
4	c6fdnA_	 Alignment		99.7	22	PDB header: nuclear protein Chain: A: PDB Molecule: serine/threonine-protein kinase rio2; PDBTitle: rio2 structure
5	c3en9B_	 Alignment		99.6	11	PDB header: hydrolase Chain: B: PDB Molecule: o-sialoglycoprotein endopeptidase/protein kinase; PDBTitle: structure of the methanococcus jannaschii kae1-bud32 fusion2 protein
6	c4gygA_	 Alignment		99.6	22	PDB header: transferase Chain: A: PDB Molecule: rio2 kinase; PDBTitle: crystal structure of the rio2 kinase from chaetomium thermophilum
7	c5ebzF_	 Alignment		99.6	19	PDB header: transferase/transferase inhibitor Chain: F: PDB Molecule: inhibitor of nuclear factor kappa-b kinase subunit alpha; PDBTitle: crystal structure of human ikk1
8	c4im2A_	 Alignment		99.6	19	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of tank-binding kinase 1
9	c2pziA_	 Alignment		99.6	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 tetrahydrobenzothiophene ax20017
10	c3qa8H_	 Alignment		99.6	18	PDB header: immune system, signaling protein Chain: H: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
11	c3qa8A_	 Alignment		99.6	22	PDB header: immune system, signaling protein Chain: A: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta

12	c1tqmA	Alignment		99.6	22	PDB header: ribosome Chain: A; PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of a. fulgidus rio2 serine protein kinase bound to2 amppnp
13	d1zara2	Alignment		99.6	19	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: RIO1-like kinases
14	c1ym7C	Alignment		99.5	14	PDB header: transferase Chain: C; PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: g protein-coupled receptor kinase 2 (grk2)
15	c4xi2A	Alignment		99.5	15	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase btk; PDBTitle: crystal structure of an auto-inhibited form of bruton's tyrosine2 kinase
16	c6g4jA	Alignment		99.5	18	PDB header: transferase Chain: A; PDB Molecule: probable serine/threonine-protein kinase yabt; PDBTitle: structure of the protein kinase yabt from bacillus subtilis in complex2 with an alpharep crystallization helper
17	c4otpA	Alignment		99.5	15	PDB header: transferase Chain: A; PDB Molecule: serine/threonine-protein kinase rio1; PDBTitle: crystal structure of the catalytic domain of the human riok1 atypical2 protein kinase in complex with adp/mg2+
18	c2ozoA	Alignment		99.5	16	PDB header: transferase Chain: A; PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
19	c2h8hA	Alignment		99.5	18	PDB header: transferase Chain: A; PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: src kinase in complex with a quinazoline inhibitor
20	c3pfqA	Alignment		99.4	18	PDB header: transferase Chain: A; PDB Molecule: protein kinase c beta type; PDBTitle: crystal structure and allosteric activation of protein kinase c beta2 ii
21	c6emlr	Alignment	not modelled	99.4	15	PDB header: ribosome Chain: R; PDB Molecule: 40s ribosomal protein s2; PDBTitle: cryo-em structure of a late pre-40s ribosomal subunit from2 saccharomyces cerevisiae
22	c5ckwA	Alignment	not modelled	99.4	18	PDB header: transferase Chain: A; PDB Molecule: legk4; PDBTitle: crystal structure of legk4_ amppnp kinase
23	c2j0kB	Alignment	not modelled	99.4	16	PDB header: transferase Chain: B; PDB Molecule: focal adhesion kinase 1; PDBTitle: crystal structure of a fragment of focal adhesion kinase containing2 the ferm and kinase domains.
24	c4wb7B	Alignment	not modelled	99.4	16	PDB header: transferase/transferase inhibitor Chain: B; PDB Molecule: dnaj homolog subfamily b member 1,camp-dependent protein PDBTitle: crystal structure of a chimeric fusion of human dnaj (hsp40) and camp-2 dependent protein kinase a (catalytic alpha subunit)
25	c5dfzB	Alignment	not modelled	99.4	12	PDB header: transferase Chain: B; PDB Molecule: serine/threonine-protein kinase vps15; PDBTitle: structure of vps34 complex ii from s. cerevisiae.
26	c3tkuB	Alignment	not modelled	99.4	16	PDB header: transferase/transferase inhibitor Chain: B; PDB Molecule: serine/threonine-protein kinase mrck beta; PDBTitle: mrck beta in complex with fasudil
27	c4oauC	Alignment	not modelled	99.4	17	PDB header: hydrolase/rna Chain: C; PDB Molecule: 2-5a-dependent ribonuclease; PDBTitle: complete human rnase I in complex with biological activators.
28	c4y93A	Alignment	not modelled	99.4	15	PDB header: transferase Chain: A; PDB Molecule: non-specific protein-tyrosine kinase,non-specific protein-

						PDBTitle: crystal structure of the ph-th-kinase construct of bruton's tyrosine2 kinase (btk)
29	c4wnkA	Alignment	not modelled	99.4	16	PDB header: ligase Chain: A: PDB Molecule: g protein-coupled receptor kinase 5; PDBTitle: crystal structure of bovine g protein coupled-receptor kinase 5 in2 complex with ccg215022
30	c3nyoB	Alignment	not modelled	99.4	17	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
31	c1y57A	Alignment	not modelled	99.4	19	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase src; PDBTitle: structure of unphosphorylated c-src in complex with an inhibitor
32	c2fo0A	Alignment	not modelled	99.4	16	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
33	c3c4wB	Alignment	not modelled	99.4	14	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
34	c4cfhA	Alignment	not modelled	99.4	15	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
35	c5uuuA	Alignment	not modelled	99.4	13	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: design, synthesis, and evaluation of the first selective and potent g-2 protein-coupled receptor kinase 2 (grk2) inhibitor for the potential3 treatment of heart failure
36	c2vuwA	Alignment	not modelled	99.4	13	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase haspin; PDBTitle: structure of human haspin kinase domain
37	c3vvaA	Alignment	not modelled	99.4	21	PDB header: hydrolase Chain: A: PDB Molecule: cytoplasmic export protein 1; PDBTitle: crystal structure of cex1p
38	c1oplA	Alignment	not modelled	99.4	16	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
39	c4myiA	Alignment	not modelled	99.4	15	PDB header: transferase Chain: A: PDB Molecule: cgmp-dependent protein kinase, putative; PDBTitle: crystal structure of pvx_084705
40	c2acxB	Alignment	not modelled	99.4	18	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
41	c2rsvA	Alignment	not modelled	99.4	25	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase vrk1; PDBTitle: solution structure of human full-length vaccinia related kinase 12 (vrk1)
42	c3q60A	Alignment	not modelled	99.4	19	PDB header: transferase Chain: A: PDB Molecule: rop5b; PDBTitle: crystal structure of virulent allele rop5b pseudokinase domain bound2 to atp
43	c4yhjA	Alignment	not modelled	99.4	19	PDB header: transferase Chain: A: PDB Molecule: g protein-coupled receptor kinase 4; PDBTitle: structure and function of the hypertension variant a486v of g protein-2 coupled receptor kinase 4 (grk4)
44	c4eutA	Alignment	not modelled	99.4	17	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
45	c3c4yA	Alignment	not modelled	99.4	14	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
46	c4oliA	Alignment	not modelled	99.3	22	PDB header: transferase Chain: A: PDB Molecule: non-receptor tyrosine-protein kinase tyk2; PDBTitle: the pseudokinase/kinase protein from jak-family member tyk2
47	c2c0iA	Alignment	not modelled	99.3	17	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase hck; PDBTitle: src family kinase hck with bound inhibitor a-420983
48	c4mvfA	Alignment	not modelled	99.3	15	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium-dependent protein kinase 2; PDBTitle: crystal structure of plasmodium falciparum cdpk2 complexed with2 inhibitor staurosporine
49	c3e7eA	Alignment	not modelled	99.3	18	PDB header: transferase Chain: A: PDB Molecule: mitotic checkpoint serine/threonine-protein kinase bub1; PDBTitle: structure and substrate recruitment of the human spindle checkpoint2 kinase bub
50	d1qcfa3	Alignment	not modelled	99.3	18	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
51	c3ckxA	Alignment	not modelled	99.3	13	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase 24; PDBTitle: crystal structure of sterile 20-like kinase 3 (mst3, stk24) in complex2 with staurosporine
52	c4c0tA	Alignment	not modelled	99.3	20	PDB header: transferase Chain: A: PDB Molecule: likely protein kinase; PDBTitle: candida albicans pkh kinase domain
53	c5d7vD	Alignment	not modelled	99.3	15	PDB header: transferase Chain: D: PDB Molecule: protein-tyrosine kinase 6;

						PDBTitle: crystal structure of ptk6 kinase domain
54	c1zp9A_	Alignment	not modelled	99.3	23	PDB header: transferase Chain: A: PDB Molecule: rio1 kinase; PDBTitle: crystal structure of full-length a.fulgidus rio1 serine kinase bound2 to atp and mn2+ ions.
55	c3i0aA_	Alignment	not modelled	99.3	13	PDB header: transferase Chain: A: PDB Molecule: spectinomycin phosphotransferase; PDBTitle: crystal structure of spectinomycin phosphotransferase,2 aph(9)-ia, in complex with adp and spectinomycin
56	c4czuC_	Alignment	not modelled	99.3	15	PDB header: transferase Chain: C: PDB Molecule: cbl-interacting serine/threonine-protein kinase 23; PDBTitle: crystal structure of the kinase domain of cipk23 t190d mutant
57	c3fbvL_	Alignment	not modelled	99.3	20	PDB header: transferase, hydrolase Chain: L: PDB Molecule: serine/threonine-protein kinase/endoribonuclease ire1; PDBTitle: crystal structure of the oligomer formed by the kinase-ribonuclease2 domain of ire1
58	c6jkmA_	Alignment	not modelled	99.3	15	PDB header: transferase Chain: A: PDB Molecule: mitotic checkpoint control protein kinase bub1; PDBTitle: crystal structure of bubr1 kinase domain
59	c4azwA_	Alignment	not modelled	99.3	18	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: crystal structure of monomeric wbdd.
60	d1phka_	Alignment	not modelled	99.3	15	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
61	c5nclA_	Alignment	not modelled	99.3	24	PDB header: signaling protein Chain: A: PDB Molecule: serine/threonine-protein kinase cbk1; PDBTitle: crystal structure of the cbk1-mob2 kinase-coactivator complex with an2 ssd1 peptide
62	c1k9aB_	Alignment	not modelled	99.3	16	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
63	c6c9dB_	Alignment	not modelled	99.3	17	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase mark1,serine/threonine- PDBTitle: crystal structure of ka1-autoinhibited mark1 kinase
64	d1o6ya_	Alignment	not modelled	99.3	19	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
65	c3d9vA_	Alignment	not modelled	99.3	18	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
66	c2c30A_	Alignment	not modelled	99.3	17	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 6; PDBTitle: crystal structure of the human p21-activated kinase 6
67	c3dzoA_	Alignment	not modelled	99.3	17	PDB header: transferase Chain: A: PDB Molecule: rhopty kinase domain; PDBTitle: crystal structure of a rhopty kinase from toxoplasma gondii
68	c1koaA_	Alignment	not modelled	99.3	23	PDB header: kinase Chain: A: PDB Molecule: twitchin; PDBTitle: twitchin kinase fragment (c.elegans), autoregulated protein2 kinase and immunoglobulin domains
69	c4ix5B_	Alignment	not modelled	99.2	18	PDB header: transferase Chain: B: PDB Molecule: msstt7d protein; PDBTitle: crystal structure of a stt7 homolog from micromonas algae in complex2 with amp-pnp
70	d1u59a_	Alignment	not modelled	99.2	18	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
71	c6ccfB_	Alignment	not modelled	99.2	14	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: calcium/calmodulin-dependent protein kinase kinase 1; PDBTitle: crystal structure of the human camkk1a in complex with hesperadin
72	c4eqmE_	Alignment	not modelled	99.2	13	PDB header: transferase Chain: E: PDB Molecule: protein kinase; PDBTitle: structural analysis of staphylococcus aureus serine/threonine kinase2 pknb
73	c5x3fB_	Alignment	not modelled	99.2	17	PDB header: transferase Chain: B: PDB Molecule: zpa963,camp-dependent protein kinase catalytic subunit PDBTitle: crystal structure of the ygig-protein a-zpa963-pka catalytic domain
74	c1xjda_	Alignment	not modelled	99.2	12	PDB header: transferase Chain: A: PDB Molecule: protein kinase c, theta type; PDBTitle: crystal structure of pkc-theta complexed with staurosporine2 at 2a resolution
75	d1xjda_	Alignment	not modelled	99.2	12	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
76	c4azsA_	Alignment	not modelled	99.2	20	PDB header: transferase Chain: A: PDB Molecule: methyltransferase wbdd; PDBTitle: high resolution (2.2 a) crystal structure of wbdd.
77	c4o96D_	Alignment	not modelled	99.2	15	PDB header: hydrolase Chain: D: PDB Molecule: type iii effector protein kinase; PDBTitle: 2.60 angstrom resolution crystal structure of a protein kinase domain2 of type iii effector nleh2 (ecs1814) from escherichia coli o157:h73 str. sakai
78	c5hnvA_	Alignment	not modelled	99.2	21	PDB header: transferase Chain: A: PDB Molecule: ppka n terminal;

						PDBTitle: crystal structure of ppka
79	c1mruB	Alignment	not modelled	99.2	20	PDB header: transferase Chain: B: PDB Molecule: probable serine/threonine-protein kinase pknb; PDBTitle: intracellular ser/thr protein kinase domain of mycobacterium2 tuberculosis pknb.
80	c4fl2A	Alignment	not modelled	99.2	17	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase syk; PDBTitle: structural and biophysical characterization of the syk activation2 switch
81	c3jr1A	Alignment	not modelled	99.2	20	PDB header: transferase Chain: A: PDB Molecule: putative fructosamine-3-kinase; PDBTitle: crystal structure of putative fructosamine-3-kinase (yp_719053.1) from2 haemophilus somnus 129pt at 2.32 a resolution
82	c4dn5A	Alignment	not modelled	99.2	15	PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 14; PDBTitle: crystal structure of nf-kb-inducing kinase (nik)
83	c2a1aB	Alignment	not modelled	99.2	19	PDB header: protein synthesis/transferase Chain: B: PDB Molecule: interferon-induced, double-stranded rna-activated protein PDBTitle: pkr kinase domain-eif2alpha complex
84	c6bhcA	Alignment	not modelled	99.2	20	PDB header: transferase Chain: A: PDB Molecule: pseudopodium-enriched atypical kinase 1; PDBTitle: crystal structure of pseudokinase peak1 (sugen kinase 269)
85	d2j4za1	Alignment	not modelled	99.2	14	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
86	c3otvC	Alignment	not modelled	99.2	16	PDB header: transferase Chain: C: PDB Molecule: probable conserved transmembrane protein; PDBTitle: crystal structure of the intracellular domain of rv3910 from2 mycobacterium tuberculosis
87	c3q5iA	Alignment	not modelled	99.2	18	PDB header: transferase Chain: A: PDB Molecule: protein kinase; PDBTitle: crystal structure of pbanka_031420
88	c2y7jB	Alignment	not modelled	99.2	15	PDB header: transferase Chain: B: PDB Molecule: phosphorylase b kinase gamma catalytic chain, testis/liver PDBTitle: structure of human phosphorylase kinase, gamma 2
89	c4fijA	Alignment	not modelled	99.2	20	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: catalytic domain of human pak4
90	c4btfA	Alignment	not modelled	99.2	13	PDB header: transferase Chain: A: PDB Molecule: mixed lineage kinase domain-like protein; PDBTitle: structure of mlk1
91	c3byvA	Alignment	not modelled	99.2	14	PDB header: transferase Chain: A: PDB Molecule: rhoptyr kinase; PDBTitle: crystal structure of toxoplasma gondii specific rhoptyr2 antigen kinase domain
92	c4lqsA	Alignment	not modelled	99.2	23	PDB header: transferase/transferase activator Chain: A: PDB Molecule: serine/threonine-protein kinase cbk1; PDBTitle: crystal structure of the cbk1-mob2 kinase-coactivator complex
93	c4fieB	Alignment	not modelled	99.2	23	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase pak 4; PDBTitle: full-length human pak4
94	c2kulA	Alignment	not modelled	99.2	25	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase vrk1; PDBTitle: solution structure of human vaccinia related kinase 1(vrk1)
95	c3p23B	Alignment	not modelled	99.2	13	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
96	c3soaA	Alignment	not modelled	99.2	15	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium/calmodulin-dependent protein kinase type ii subunit PDBTitle: full-length human camkii
97	c5oatF	Alignment	not modelled	99.2	17	PDB header: kinase Chain: F: PDB Molecule: serine/threonine-protein kinase pink1, mitochondrial-like PDBTitle: pink1 structure
98	c5ceqA	Alignment	not modelled	99.1	16	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 12; PDBTitle: dlk in complex with inhibitor 2-((1-cyclopentyl-5-(1-(oxetan-3-yl)2 piperidin-4-yl)-1h-pyrazol-3-yl)amino)isonicotinonitrile
99	c3cb1A	Alignment	not modelled	99.1	16	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase fes/ffps; PDBTitle: crystal structure of human feline sarcoma viral oncogene homologue (v-2 fes) in complex with staurosporine and a consensus peptide
100	c4ci6B	Alignment	not modelled	99.1	23	PDB header: transferase/structural protein Chain: B: PDB Molecule: protein kinase yopo; PDBTitle: mechanisms of crippling actin-dependent phagocytosis by yopo
101	c2wtkC	Alignment	not modelled	99.1	16	PDB header: transferase/metal-binding protein Chain: C: PDB Molecule: serine/threonine-protein kinase 11; PDBTitle: structure of the heterotrimeric lkb1-stradalphamo25alpha2 complex
102	c6eqiC	Alignment	not modelled	99.1	22	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase pink1, putative; PDBTitle: structure of pink1 bound to ubiquitin
						Fold: Protein kinase-like (PK-like)

103	d1sm2a_	Alignment	not modelled	99.1	18	Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
104	c4uw0A_	Alignment	not modelled	99.1	20	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: low resolution structure of wbdd with c-terminal bundle ordered to2 residue 505
105	c3zzwA_	Alignment	not modelled	99.1	16	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase transmembrane receptor ror2; PDBTitle: crystal structure of the kinase domain of ror2
106	c4i6hA_	Alignment	not modelled	99.1	20	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase plk2; PDBTitle: selective & brain-permeable polo-like kinase-2 (plk-2) inhibitors that2 reduce alpha-synuclein phosphorylation in rat brain
107	d1yhwa1	Alignment	not modelled	99.1	16	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
108	c3vw6B_	Alignment	not modelled	99.1	14	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
109	d1fmka3	Alignment	not modelled	99.1	21	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
110	c4qfrA_	Alignment	not modelled	99.1	17	PDB header: signaling protein/inhibitor/activator Chain: A: PDB Molecule: 5'-amp-activated protein kinase catalytic subunit alpha-1; PDBTitle: structure of ampk in complex with ci-a769662 activator and2 staurosporine inhibitor
111	c6m7zE_	Alignment	not modelled	99.1	11	PDB header: transferase Chain: E: PDB Molecule: bradyzoite pseudokinase 1; PDBTitle: a divergent kinase lacking the glycine-rich loop regulates membrane2 ultrastructure of the toxoplasma parasitophorous vacuole
112	c3dfaA_	Alignment	not modelled	99.1	16	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
113	c4w9xA_	Alignment	not modelled	99.1	18	PDB header: transferase Chain: A: PDB Molecule: bmp-2-inducible protein kinase; PDBTitle: crystal structure of bmp-2-inducible kinase in complex with2 baricitinib
114	c2vd5A_	Alignment	not modelled	99.1	18	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
115	d2ifla1	Alignment	not modelled	99.1	14	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
116	c2wtkB_	Alignment	not modelled	99.1	11	PDB header: transferase/metal-binding protein Chain: B: PDB Molecule: ste20-related kinase adapter protein alpha; PDBTitle: structure of the heterotrimeric lkb1-stradalpha-mo25alpha2 complex
117	c2bujA_	Alignment	not modelled	99.1	18	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase 16; PDBTitle: crystal structure of the human serine-threonine kinase 16 in complex2 with staurosporine
118	c2vwiC_	Alignment	not modelled	99.1	23	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase osr1; PDBTitle: structure of the osr1 kinase, a hypertension drug target
119	c3kvwA_	Alignment	not modelled	99.1	22	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
120	c2clqA_	Alignment	not modelled	99.1	13	PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 5; PDBTitle: structure of mitogen-activated protein kinase kinase kinase 5