







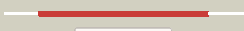















Phyre2

Email mdejesus@rockefeller.edu
 Description RVBD3761c_(fadE36)_4206040_4207095
 Date Fri Aug 9 18:20:46 BST 2019
 Unique Job ID b8e96dabf883bcd6

Detailed template information

#	Template	Alignment Coverage	3D Model	Confidence	% i.d.	Template Information
1	c3dxaA	 Alignment		100.0	35	PDB header: transferase Chain: A: PDB Molecule: putative acyl-coa dehydrogenase; PDBTitle: crystal structure of a putative aminoglycoside phosphotransferase2 (reut_a1007) from ralstonia eutropha jmp134 at 2.32 a resolution
2	c3ataA	 Alignment		100.0	22	PDB header: transferase Chain: A: PDB Molecule: putative uncharacterized protein; PDBTitle: crystal structure of rv3168 with atp
3	c3cvaA	 Alignment		100.0	13	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: crystal structure of a putative aminoglycoside phosphotransferase2 (yp_614837.1) from silicibacter sp. tm1040 at 2.15 a resolution
4	c6ef6A	 Alignment		100.0	17	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of the microcompartment-associated aminopropanol kinase
5	c3ovcA	 Alignment		100.0	15	PDB header: transferase/antibiotic Chain: A: PDB Molecule: hygromycin-b 4-o-kinase; PDBTitle: crystal structure of aminoglycoside phosphotransferase aph(4)-ia
6	d2ppqa1	 Alignment		100.0	13	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
7	c4h05B	 Alignment		100.0	22	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside-o-phosphotransferase viii; PDBTitle: crystal structure of aminoglycoside-3'-phosphotransferase of type viii
8	c5igrA	 Alignment		100.0	17	PDB header: transferase/antibiotic Chain: A: PDB Molecule: macrolide 2'-phosphotransferase; PDBTitle: macrolide 2'-phosphotransferase type i - complex with gdp and2 oleandomycin
9	c3lzhA	 Alignment		100.0	11	PDB header: transferase Chain: A: PDB Molecule: aph(2'')-id/aph(2'')-iva; PDBTitle: crystal structure of aminoglycoside phosphotransferase aph(2'')-2 id/aph(2'')-iva
10	c5uxbA	 Alignment		100.0	19	PDB header: transferase Chain: A: PDB Molecule: macrolide 2'-phosphotransferase mphp; PDBTitle: crystal structure of macrolide 2'-phosphotransferase mphp from2 brachybacterium faecium, apoenzyme
11	c5iqwA	 Alignment		100.0	16	PDB header: transferase Chain: A: PDB Molecule: macrolide 2'-phosphotransferase ii; PDBTitle: macrolide 2'-phosphotransferase type ii - complex with gdp and2 clarithromycin

12	c3tdvB_	Alignment		100.0	14	PDB header: transferase Chain: B: PDB Molecule: gentamicin resistance protein; PDBTitle: structure of the gdp complex of wild-type aminoglycoside 2'-2 phosphotransferase-iii
13	c3jr1A_	Alignment		100.0	15	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
14	c4ockA_	Alignment		100.0	12	PDB header: transferase Chain: A: PDB Molecule: n-acetylhexosamine 1-phosphate kinase; PDBTitle: n-acetylhexosamine 1-phosphate kinase in complex with glcnac and2 amppnp
15	d1zyla1	Alignment		100.0	17	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
16	c6fucA_	Alignment		100.0	16	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of aminoglycoside phosphotransferase aph(3"-id from2 streptomyces rimosus atcc10970
17	c4r77A_	Alignment		100.0	14	PDB header: transferase Chain: A: PDB Molecule: choline kinase; PDBTitle: crystal structure of choline kinase lica from streptococcus pneumoniae
18	d1j7la_	Alignment		100.0	17	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
19	c3f7wA_	Alignment		100.0	15	PDB header: transferase Chain: A: PDB Molecule: putative fructosamine-3-kinase; PDBTitle: crystal structure of putative fructosamine-3-kinase (yp_290396.1) from2 thermobifida fusca yx-er1 at 1.85 a resolution
20	c4orkB_	Alignment		100.0	12	PDB header: transferase Chain: B: PDB Molecule: bifunctional aac/aph; PDBTitle: crystal structure of the phosphotransferase domain of the bifunctional2 aminoglycoside resistance enzyme aac(6')-ie-aph(2"-ia
21	d1nd4a_	Alignment	not modelled	100.0	20	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
22	c3mesB_	Alignment	not modelled	100.0	15	PDB header: transferase Chain: B: PDB Molecule: choline kinase; PDBTitle: crystal structure of choline kinase from cryptosporidium2 parvum iowa ii, cgd3_2030
23	c3r78B_	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: aminoglycoside 3'-phosphotransferase apha1-ia b; PDBTitle: crystal structure of the aminoglycoside phosphotransferase aph(3')-ia,2 atp-bound
24	c2pywA_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: uncharacterized protein; PDBTitle: structure of a. thaliana 5-methylthioribose kinase in complex with adp2 and mtr
25	d2pula1	Alignment	not modelled	100.0	14	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: APH phosphotransferases
26	c3hamA_	Alignment	not modelled	100.0	14	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: structure of the gentamicin-aph(2"-ia complex
27	c2iq7A_	Alignment	not modelled	100.0	16	PDB header: transferase Chain: A: PDB Molecule: choline/ethanolamine kinase; PDBTitle: crystal structure of human choline kinase b
28	c3i0oA_	Alignment	not modelled	100.0	9	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

29	c3c5iD	Alignment	not modelled	100.0	15	PDB header: transferase Chain: D: PDB Molecule: choline kinase; PDBTitle: crystal structure of plasmodium knowlesi choline kinase, pkh_134520
30	c1nw1A	Alignment	not modelled	100.0	17	PDB header: transferase Chain: A: PDB Molecule: choline kinase (49.2 kd); PDBTitle: crystal structure of choline kinase
31	d1nw1a	Alignment	not modelled	100.0	17	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Choline kinase
32	c3dxqB	Alignment	not modelled	100.0	18	PDB header: transferase Chain: B: PDB Molecule: choline/ethanolamine kinase family protein; PDBTitle: crystal structure of choline/ethanolamine kinase family protein2 (np_106042.1) from mesorhizobium loti at 2.55 a resolution
33	c3f2rA	Alignment	not modelled	100.0	12	PDB header: transferase Chain: A: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha in complex with2 hemicholinium-3
34	c2ckpA	Alignment	not modelled	99.9	13	PDB header: transferase Chain: A: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha-2 in2 complex with adp
35	c2q83A	Alignment	not modelled	99.9	14	PDB header: transferase Chain: A: PDB Molecule: ytaa protein; PDBTitle: crystal structure of ytaa (2635576) from bacillus subtilis at 2.50 a2 resolution
36	c5jy7K	Alignment	not modelled	99.9	16	PDB header: isomerase/transferase Chain: K: PDB Molecule: maltokinase; PDBTitle: complex of mycobacterium smegmatis trehalose synthase with maltokinase
37	c2ckpB	Alignment	not modelled	99.9	15	PDB header: transferase Chain: B: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha-2 in2 complex with adp
38	c4pdyA	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: aminoglycoside phosphotransferase; PDBTitle: crystal structure of aminoglycoside phosphotransferase from2 alicyclobacillus acidocaldarius subsp. acidocaldarius dsm 446
39	c2qg7A	Alignment	not modelled	99.9	16	PDB header: transferase Chain: A: PDB Molecule: ethanolamine kinase pv091845; PDBTitle: plasmodium vivax ethanolamine kinase pv091845
40	c3f2rB	Alignment	not modelled	99.8	12	PDB header: transferase Chain: B: PDB Molecule: choline kinase alpha; PDBTitle: crystal structure of human choline kinase alpha in complex with2 hemicholinium-3
41	c5jy7I	Alignment	not modelled	99.8	16	PDB header: isomerase/transferase Chain: I: PDB Molecule: maltokinase; PDBTitle: complex of mycobacterium smegmatis trehalose synthase with maltokinase
42	c4o7oB	Alignment	not modelled	99.8	17	PDB header: transferase Chain: B: PDB Molecule: maltokinase; PDBTitle: crystal structure of mycobacterium tuberculosis maltose kinase mak
43	c4wzyA	Alignment	not modelled	99.7	16	PDB header: transferase Chain: A: PDB Molecule: maltokinase; PDBTitle: structure of mycobacterial maltokinase, the missing link in the2 essential glge-pathway (atp complex)
44	c3en9B	Alignment	not modelled	99.5	22	PDB header: hydrolase Chain: B: PDB Molecule: o-sialoglycoprotein endopeptidase/protein kinase; PDBTitle: structure of the methanococcus jannaschii kae1-bud32 fusion2 protein
45	c2pziA	Alignment	not modelled	99.3	18	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
46	c6hw1B	Alignment	not modelled	99.2	15	PDB header: transferase Chain: B: PDB Molecule: glucosamine kinase; PDBTitle: glucosamine kinase in complex with glucosamine, adp and inorganic2 phosphate
47	c6g51v	Alignment	not modelled	99.1	24	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
48	c6fdnA	Alignment	not modelled	99.1	23	PDB header: nuclear protein Chain: A: PDB Molecule: serine/threonine-protein kinase rio2; PDBTitle: rio2 structure
49	c4pedA	Alignment	not modelled	99.1	13	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
50	c6df1A	Alignment	not modelled	99.1	22	PDB header: hydrolase Chain: A: PDB Molecule: lipopolysaccharide core heptose(i) kinase rfap; PDBTitle: waap in complex with acyl carrier protein
51	c5ebzF	Alignment	not modelled	99.1	16	PDB header: transferase/transferase inhibitor Chain: F: PDB Molecule: inhibitor of nuclear factor kappa-b kinase subunit alpha; PDBTitle: crystal structure of human ikk1
52	c5yk2A	Alignment	not modelled	99.0	17	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
53	c3qa8H	Alignment	not modelled	98.9	20	PDB header: immune system, signaling protein Chain: H: PDB Molecule: mgc80376 protein;

						PDBTitle: crystal structure of inhibitor of kappa b kinase beta
54	c6g4jA	Alignment	not modelled	98.9	17	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
55	c3qa8A	Alignment	not modelled	98.8	20	PDB header: immune system, signaling protein Chain: A: PDB Molecule: mgc80376 protein; PDBTitle: crystal structure of inhibitor of kappa b kinase beta
56	c4gygA	Alignment	not modelled	98.8	20	PDB header: transferase Chain: A: PDB Molecule: rio2 kinase; PDBTitle: crystal structure of the rio2 kinase from chaetomium thermophilum
57	c4ww7A	Alignment	not modelled	98.7	20	PDB header: transferase Chain: A: PDB Molecule: ekc/keops complex subunit bud32; PDBTitle: crystal structure of binary complex bud32-cgi121 in complex with amp
58	c1tqmA	Alignment	not modelled	98.7	17	PDB header: ribosome Chain: A: PDB Molecule: conserved hypothetical protein; PDBTitle: crystal structure of a. fulgidus rio2 serine protein kinase bound to2 amppnp
59	c4eutA	Alignment	not modelled	98.6	13	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
60	c4o96D	Alignment	not modelled	98.6	16	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
61	c4c0tA	Alignment	not modelled	98.6	19	PDB header: transferase Chain: A: PDB Molecule: likely protein kinase; PDBTitle: candida albicans pkh kinase domain
62	c1z9A	Alignment	not modelled	98.6	20	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.
63	c4im2A	Alignment	not modelled	98.6	18	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase tbk1; PDBTitle: structure of tank-binding kinase 1
64	c2vwiC	Alignment	not modelled	98.5	20	PDB header: transferase Chain: C: PDB Molecule: serine/threonine-protein kinase osr1; PDBTitle: structure of the osr1 kinase, a hypertension drug target
65	c5dfzB	Alignment	not modelled	98.5	14	PDB header: transferase Chain: B: PDB Molecule: serine/threonine-protein kinase vps15; PDBTitle: structure of vps34 complex ii from s. cerevisiae.
66	c4otpA	Alignment	not modelled	98.5	22	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+
67	c4azwA	Alignment	not modelled	98.5	17	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: crystal structure of monomeric wbdd.
68	c6r5kO	Alignment	not modelled	98.5	10	PDB header: rna binding protein Chain: O: PDB Molecule: pan2-pan3 deadenylation complex subunit pan3; PDBTitle: cryo-em structure of a poly(a) rnp bound to the pan2-pan3 deadenylase
69	c3pfgA	Alignment	not modelled	98.5	21	PDB header: transferase Chain: A: PDB Molecule: protein kinase c beta type; PDBTitle: crystal structure and allosteric activation of protein kinase c beta2 ii
70	d1zara2	Alignment	not modelled	98.5	16	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: RIO1-like kinases
71	c4azsA	Alignment	not modelled	98.4	19	PDB header: transferase Chain: A: PDB Molecule: methyltransferase wbdd; PDBTitle: high resolution (2.2 a) crystal structure of wbdd.
72	c4czuC	Alignment	not modelled	98.4	21	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
73	c6ccfB	Alignment	not modelled	98.4	20	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
74	c6emlr	Alignment	not modelled	98.4	25	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
75	c3soaA	Alignment	not modelled	98.4	17	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: calcium/calmodulin-dependent protein kinase type ii subunit PDBTitle: full-length human camkii
76	c3q60A	Alignment	not modelled	98.3	19	PDB header: transferase Chain: A: PDB Molecule: rop5b; PDBTitle: crystal structure of virulent allele rop5b pseudokinase domain bound2 to atp
77	c4mvfA	Alignment	not modelled	98.3	17	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
78	c4btfA	Alignment	not modelled	98.3	16	PDB header: transferase Chain: A: PDB Molecule: mixed lineage kinase domain-like protein; PDBTitle: structure of mlkl

79	c3ckxA	Alignment	not modelled	98.3	19	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
80	c2ozoA	Alignment	not modelled	98.3	18	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase zap-70; PDBTitle: autoinhibited intact human zap-70
81	c2j0kB	Alignment	not modelled	98.3	15	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.
82	c4cfhA	Alignment	not modelled	98.3	20	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
83	c4myiA	Alignment	not modelled	98.2	18	PDB header: transferase Chain: A: PDB Molecule: cgmp-dependent protein kinase, putative; PDBTitle: crystal structure of pvx_084705
84	c4wnkA	Alignment	not modelled	98.2	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
85	c5ckwA	Alignment	not modelled	98.2	20	PDB header: transferase Chain: A: PDB Molecule: legk4; PDBTitle: crystal structure of legk4_ amppnp kinase
86	c4uw0A	Alignment	not modelled	98.2	19	PDB header: transferase Chain: A: PDB Molecule: wbdd; PDBTitle: low resolution structure of wbdd with c-terminal bundle ordered to2 residue 505
87	c5uuuA	Alignment	not modelled	98.2	15	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
88	c4bwpA	Alignment	not modelled	98.2	17	PDB header: gene regulation Chain: A: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan-3; PDBTitle: structure of drosophila melanogaster pan3 pseudokinase
89	c4xhgA	Alignment	not modelled	98.2	17	PDB header: transferase Chain: A: PDB Molecule: similar to uniprot p29295 saccharomyces cerevisiae ypl204w
90	c1ym7C	Alignment	not modelled	98.2	13	PDB header: transferase Chain: C: PDB Molecule: beta-adrenergic receptor kinase 1; PDBTitle: g protein-coupled receptor kinase 2 (grk2)
91	c4bwxB	Alignment	not modelled	98.2	9	PDB header: gene regulation Chain: B: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan-3; PDBTitle: structure of neurospora crassa pan3 pseudokinase mutant
92	c2fo0A	Alignment	not modelled	98.2	15	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
93	c2vuwA	Alignment	not modelled	98.2	19	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase haspin; PDBTitle: structure of human haspin kinase domain
94	c6fdzU	Alignment	not modelled	98.2	17	PDB header: transferase Chain: U: PDB Molecule: serine/threonine-protein kinase ulk3; PDBTitle: unc-51-like kinase 3 (ulk3) in complex with momelotinib
95	c4yhjA	Alignment	not modelled	98.2	21	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)
96	c1oplA	Alignment	not modelled	98.1	15	PDB header: transferase Chain: A: PDB Molecule: proto-oncogene tyrosine-protein kinase; PDBTitle: structural basis for the auto-inhibition of c-abl tyrosine2 kinase
97	c2qg5D	Alignment	not modelled	98.1	16	PDB header: transferase Chain: D: PDB Molecule: calcium/calmodulin-dependent protein kinase; PDBTitle: cryptosporidium parvum calcium dependent protein kinase cgd7_1840
98	c3tkuB	Alignment	not modelled	98.1	16	PDB header: transferase/transferase inhibitor Chain: B: PDB Molecule: serine/threonine-protein kinase mrck beta; PDBTitle: mrck beta in complex with fasudil
99	c4dn5A	Alignment	not modelled	98.1	25	PDB header: transferase Chain: A: PDB Molecule: mitogen-activated protein kinase kinase kinase 14; PDBTitle: crystal structure of nf-kb-inducing kinase (nik)
100	c2acxB	Alignment	not modelled	98.1	17	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
101	c3nyoB	Alignment	not modelled	98.1	21	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
102	c4y93A	Alignment	not modelled	98.1	13	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)
103	c4i6hA	Alignment	not modelled	98.1	15	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

104	c3c4wB_	Alignment	not modelled	98.1	16	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
105	c4q8jE_	Alignment	not modelled	98.1	10	PDB header: hydrolase Chain: E: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan3; PDBTitle: structure of the saccharomyces cerevisiae pan2-pan3 core complex
106	c3c4yA_	Alignment	not modelled	98.1	15	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
107	c4wb7B_	Alignment	not modelled	98.1	19	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)
108	c6jkmA_	Alignment	not modelled	98.0	13	PDB header: transferase Chain: A: PDB Molecule: mitotic checkpoint control protein kinase bub1; PDBTitle: crystal structure of bubr1 kinase domain
109	c4ci6B_	Alignment	not modelled	98.0	18	PDB header: transferase/structural protein Chain: B: PDB Molecule: protein kinase yopo; PDBTitle: mechanisms of crippling actin-dependent phagocytosis by yopo
110	c4xi2A_	Alignment	not modelled	98.0	16	PDB header: transferase Chain: A: PDB Molecule: tyrosine-protein kinase btk; PDBTitle: crystal structure of an auto-inhibited form of bruton's tryrosine2 kinase
111	c1k9aB_	Alignment	not modelled	98.0	14	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
112	c3sv0A_	Alignment	not modelled	98.0	13	PDB header: transferase Chain: A: PDB Molecule: casein kinase i-like; PDBTitle: crystal structure of casein kinase-1 like protein in plant
113	d1phka_	Alignment	not modelled	98.0	21	Fold: Protein kinase-like (PK-like) Superfamily: Protein kinase-like (PK-like) Family: Protein kinases, catalytic subunit
114	c4oauC_	Alignment	not modelled	98.0	17	PDB header: hydrolase/rna Chain: C: PDB Molecule: 2-5a-dependent ribonuclease; PDBTitle: complete human rnase l in complex with biological activators.
115	c4wnoA_	Alignment	not modelled	98.0	17	PDB header: transferase/transferase inhibitor Chain: A: PDB Molecule: serine/threonine-protein kinase ulk1; PDBTitle: structure of ulk1 bound to an inhibitor
116	c5nclA_	Alignment	not modelled	98.0	22	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
117	c3q5iA_	Alignment	not modelled	98.0	15	PDB header: transferase Chain: A: PDB Molecule: protein kinase; PDBTitle: crystal structure of pbanka_031420
118	c1mruB_	Alignment	not modelled	98.0	19	PDB header: transferase Chain: B: PDB Molecule: probable serine/threonine-protein kinase pknb; PDBTitle: intracellular ser/thr protein kinase domain of mycobacterium2 tuberculosis pknb.
119	c2rsvA_	Alignment	not modelled	98.0	19	PDB header: transferase Chain: A: PDB Molecule: serine/threonine-protein kinase vrk1; PDBTitle: solution structure of human full-length vaccinia related kinase 12 (vrk1)
120	c4cyiH_	Alignment	not modelled	98.0	9	PDB header: transferase Chain: H: PDB Molecule: pab-dependent poly(a)-specific ribonuclease subunit pan3- PDBTitle: chaetomium thermophilum pan3