List of Kinases for the Free Choice Biochemical Kinase Assay Services

ProQinase
TARGETING CANCER

No.	Kinase
1	ABL1 wt
2	ABL1 E255K
3	ABL1 F317I
4	ABL1 G250E
5	ABL1 H396P
6	ABL1 M351T
7	ABL1 Q252H
8	ABL1 T315I
9	ABL1 Y253F
10	ABL2
11	ACK1
12	ACV-R1
13	ACV-R1B
14	ACV-R2A
15	ACV-R2B
16	ACV-RL1
17	AKT1 aa1-480
18	AKT1 aa106-480
19	AKT2 aa1-481
20	AKT2 aa107-481
21	AKT3 aa1-479
22	AKT3 aa106-479
23	ALK wt (GST-HIS-tag)
24	ALK C1156Y (GST-HIS-tag)
25	ALK F1174L (GST-HIS-tag)
26	ALK F1174S (GST-HIS-tag)
27	ALK G1202R
28	ALK L1196M (GST-HIS-tag)
29	ALK R1275Q (GST-HIS-tag)
30	AMPK-alpha1 aa1-550
31	ARK5
32	ASK1
33	Aurora-A
34	Aurora-B
35	Aurora-C
36	AXL
37	BLK
38	BMPR1A
39	BMX
40	B-RAF wt
41	B-RAF V600E
42	BMPR1B
43	BRK
44	BRSK1
45	BRSK2
46	BTK
47	BUB1B
48	CAMK1D
49	CAMK2A
50	CAMK2B
51	CAMK2D
52	CAMK2G
53	CAMK4
54	CAMKK1
55	CAMKK2
56	CCD6-RET
57	CDC42BPA
58	CDC42BPB
59	CDC7/ASK
60	CDK1/CycA2
61	CDK1/CycB1
62	CDK1/CycE1
63	CDK2/CycA2
64	CDK2/CycD1
65	CDK2/CycE1
66	CDK3/CycC
67	CDK3/CycE1
68	CDK4/CycD1
69	CDK4/CycD2
70	CDK4/CycD3
71	CDK5/p25NCK
72	CDK5/p35NCK
73	CDK6/CycD1
74	CDK6/CycD2
75	CDK6/CycD3
76	CDK7/CycH/MAT1
77	CDK8/CycC
78	CDK9/CycK
79	CDK9/CycT1
80	CDK12 wt/CycK
81	CDK12 R722C/CycK
82	CDK13/CycK
83	CDK16/CycY
84	CDK17/p35NCK
85	CDK18/CycY
86	CDK19/CycC
87	CDK20/CycH
88	CDK20/CycT1
89	CHK1
90	CHK2
91	CK1-alpha1
92	CK1-delta
93	CK1-epsilon
94	CK1-gamma1
95	CK1-gamma2
96	CK1-gamma3
97	CK2-alpha1
98	CK2-alpha2
99	CLK1
100	CLK2
101	CLK3
102	CLK4
103	COT
104	CSF1-R
105	CSK
106	DAPK1
107	DAPK2
108	DAPK3
109	DCAMKL2
110	DDR2 N456S
111	DDR2 wt
112	DDR2 T654M
113	DMPK
114	DNA-PK
115	DYRK1A
116	DYRK1B
117	DYRK2
118	DYRK3
119	DYRK4
120	EEF2K
121	EGF-R wt
122	EGF-R d746-750
123	EGF-R d747-749/750P
124	EGF-R d747-752/753S
125	EGF-R d752-759
126	EGF-R G719C
127	EGF-R G719S
128	EGF-R L858R
129	EGF-R L861Q
130	EGF-R T790M
131	EGF-R T790M/L858R
132	EIF2AK2
133	EIF2AK3
134	EML4 ALK
135	EML4 ALK F1174L
136	EPHA1
137	EPHA2
138	EPHA3
139	EPHA4
140	EPHA5
141	EPHA6
142	EPHA7
143	EPHA8
144	EPHB1
145	EPHB2
146	EPHB3
147	EPHB4
148	ERBB2 wt
149	ERBB2 775YVMA776
150	ERBB4
151	ERK1
152	ERK2
153	ERK5
154	ERK7
155	FAK aa2-1052
156	FER
157	FES
158	FGF-R1 wt
159	FGF-R1 V561M
160	FGF-R2
161	FGF-R3 wt
162	FGF-R3 G697C
163	FGF-R3 K650E
164	FGF-R3 K650M
165	FGF-R4
166	FGR
167	FLT3 wt
168	FLT3 D835Y
169	FLT3 ITD
170	FRK
171	FYN
172	FYN Y531F
173	GRK2
174	GRK3
175	GRK4
176	GRK5
177	GRK6
178	GRK7
179	GSG2
180	GSK3-alpha
181	GSK3-beta
182	HCK
183	HIPK1
184	HIPK2
185	HIPK3
186	HIPK4
187	HRI
188	IGF1-R
189	IKK-alpha
190	IKK-beta
191	IKK-epsilon
192	INS-R
193	INSR-R
194	IRAK1
195	IRAK4 (untagged)
196	ITK
197	JAK1 aa583-1154 wt
198	JAK1 aa583-1154 S729C
199	JAK2
200	JAK3
201	JNK1
202	JNK2
203	JNK3
204	KIT wt
205	KIT A829P
206	KIT D816H
207	KIT D816V
208	KIT T670I
209	KIT V559D
210	KIT V559D/T670I
211	KIT V559D/V654A
212	KIT V560G
213	KIT V654A
214	LCK
215	LIMK1
216	LIMK2
217	LRRK2 wt
218	LRRK2 G2019S
219	LRRK2 I2020T
220	LRRK2 R1441C
221	LTK
222	LYN
223	MAP3K1
224	MAP3K10
225	MAP3K11
226	MAP3K7/MAP3K7IP1
227	MAP3K9
228	MAP4K2
229	MAP4K4
230	MAP4K5
231	MAPKAPK2
232	MAPKAPK3
233	MAPKAPK5
234	MARK1
235	MARK2
236	MARK3
237	MARK4
238	MASTL
239	MATK
240	MEK1 wt
241	MEK1 F53L
242	MEK2
243	MEK5
244	MEKK2
245	MEKK3
246	MELK
247	MERTK
248	MET wt
249	MET D1228H
250	MET D1228N
251	MET F1200I
252	MET L1195V
253	MET M1250T
254	MET Y1230A
255	MET Y1230C
256	MET Y1230D
257	MET Y1230H
258	MET Y1235D
259	MINK1
260	MKK4
261	MKK6 S207D/T211D*
262	MKK7
263	MKNK1
264	MKNK2
265	MLK4
266	MST1
267	MST2
268	MST3
269	MST4
270	mTOR
271	MUSK
272	MYLK
273	MYLK2
274	MYLK3
275	NEK1
276	NEK2
277	NEK3
278	NEK4
279	NEK6
280	NEK7
281	NEK9
282	NEK11
283	NIK
284	NLK
285	NPM1 ALK
286	NPM1 ALK F1174L
287	p38-alpha
288	p38-beta
289	p38-gamma
290	p38-delta
291	PAK1
292	PAK2
293	PAK3
294	PAK4
295	PAK6
296	PAK7
297	PASK
298	PBK
299	PDGFR-alpha wt
300	PDGFR-alpha D842V
301	PDGFR-alpha T674I
302	PDGFR-alpha V561D
303	PDGFR-beta
304	PDK1
305	PHKG1
306	PHKG2
307	PI4K2A
308	PI4K2B
309	PI4KB
310	PIK3C2A
311	PIK3C2B
312	PIK3C2G
313	PIK3C3
314	PIK3CA/PIK3R1
315	PIK3CB wt/PIK3R1
316	PIK3CB D1067A/PIK3R1
317	PIK3CB D1067V/PIK3R1
318	PIK3CB D1067Y/PIK3R1
319	PIK3CB E633K/PIK3R1
320	PIK3CB E1051K/PIK3R1
321	PIK3CB L1049R/PIK3R1
322	PIK3CD/PIK3R1
323	PIK3CG
324	PIM1
325	PIM2
326	PIM3
327	PIP5K1A
328	PIP5K1B
329	PIP5K1C
330	PKA
331	PKC-alpha
332	PKC-beta1
333	PKC-beta2
334	PKC-gamma
335	PKC-delta
336	PKC-epsilon
337	PKC-zeta
338	PKC-zeta wt aa184-592 (PKM-zeta)
339	PKC-eta
340	PKC-theta
341	PKC-iota
342	PKC-mu
343	PKC-nu
344	PKMYT1
345	PKN3
346	PLK1
347	PLK3
348	PRK1
349	PRK2
350	PRKD2
351	PRKG1
352	PRKG2
353	PRKX
354	PYK2
355	RAF1 Y340D/Y341D (untagged)*
356	RET wt
357	RET E762Q
358	RET G691S
359	RET M918T
360	RET R749T
361	RET R813Q
362	RET S891A
363	RET V804E
364	RET V804L
365	RET V804M
366	RET Y791F
367	RET Y806H
368	RIPK2
369	RIPK4
370	RIPK5
371	ROCK1
372	ROCK2
373	RON
374	ROS
375	RPS6KA1
376	RPS6KA2
377	RPS6KA3
378	RPS6KA4
379	RPS6KA5
380	RPS6KA6
381	S6K
382	S6K-beta
383	SAK
384	SGK1
385	SGK2
386	SGK3
387	SIK1
388	SIK2
389	SIK3
390	SLK
391	SNARK
392	SNK
393	SRC (GST-HIS-tag)
394	SRMS
395	SRPK1
396	SRPK2
397	STK17A
398	STK23
399	STK25
400	STK33
401	STK39
402	SYK aa1-365
403	TAOK2
404	TAOK3
405	TBK1
406	TEC
407	TGFB-R1
408	TGFB-R2
409	TIE2 wt
410	TIE2 R849W
411	TIE2 Y1108F
412	TIE2 Y897S
413	TLK1
414	TLK2
415	TNK1
416	TRK-A wt
417	TRK-A G667C
418	TRK-B
419	TRK-C
420	TSF1
421	TSK2
422	TSSK1
423	TTBK1
424	TTBK2
425	TTK
426	TXK
427	TYK2
428	TYRO3
429	ULK2
430	VEGF-R1
431	VEGF-R2
432	VEGF-R3
433	VRK1
434	VRK2
435	WEE1
436	WNK1
437	WNK2
438	WNK3
439	YES
440	ZAK
441	ZAP70

* constitutively active

Protein Kinases
Lipid Kinases

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