

Supplementary Table 6

Kinase.Gene	mS	Enrichment	m	z.score	p.value	FDR
MAPK15	-0.6131029	-289.32343	1	-3.7106976	0.00010334	0.0071566
ILK	-0.528482	-249.39084	1	-3.2003091	0.0006864	0.0318103
NEK1	-0.09996	-47.171141	27	-3.1992066	0.00068903	0.0318103
STK11	-0.1656142	-78.153377	9	-3.0350383	0.00120253	0.04758565
PRKCB	-0.0281835	-13.299784	243	-2.8490896	0.00219223	0.06072467
PRKD1	-0.1217792	-57.467626	14	-2.7961017	0.00258616	0.06222414
PKD2/PRKD2	-0.2617507	-123.52026	3	-2.7566023	0.00292027	0.06222414
PBK	-0.2972743	-140.28383	2	-2.5537651	0.00532826	0.09238222
CAMK2B	-0.0809009	-38.177167	26	-2.5532491	0.00533616	0.09238222
PLK3	-0.2309777	-108.99844	3	-2.4351215	0.0074434	0.11392299
ATM	-0.0470195	-22.188495	63	-2.3524279	0.00932565	0.1230098
MKNK1	-0.2629418	-124.08232	2	-2.2609159	0.01188223	0.13165513
MKNK2	-0.2629418	-124.08232	2	-2.2609159	0.01188223	0.13165513
MOK	-0.1801696	-85.022102	4	-2.1989408	0.01394107	0.14852599
CHEK1	-0.0549694	-25.940101	39	-2.1503294	0.01576458	0.16173294
RPS6KA3	-0.0604328	-28.518265	28	-1.9963805	0.02294626	0.20750408
BRAF	-0.1610515	-76.000242	4	-1.9683194	0.02451565	0.20750408
CDKL5	-0.2872243	-135.54123	1	-1.7451682	0.0404778	0.28030873
DMPK	-0.0750899	-35.434965	13	-1.6790496	0.04657119	0.29318682
ATR	-0.0483099	-22.797459	27	-1.5804689	0.05699976	0.32222316
PRKACB	-0.0455893	-21.513618	24	-1.4096925	0.07931525	0.41453443
GSK3B	-0.0148059	-6.9869035	172	-1.3388014	0.09031767	0.43891221
ROCK2	-0.0331703	-15.653055	34	-1.2411003	0.10728436	0.44622467
PRKACG	-0.0374393	-17.667619	26	-1.2166036	0.11187754	0.44622467
LIMK1	-0.1966583	-92.803103	1	-1.1989213	0.11527927	0.44622467
LIMK2	-0.1966583	-92.803103	1	-1.1989213	0.11527927	0.44622467
TESK1	-0.1966583	-92.803103	1	-1.1989213	0.11527927	0.44622467
PLK1	-0.013521	-6.3805859	131	-1.0796922	0.14013963	0.48523348
EEF2K	-0.1183228	-55.836546	2	-1.0273446	0.1521291	0.49786934
PRKDC	-0.0137829	-6.5041781	113	-1.0195672	0.15396689	0.49786934
CDK3	-0.0400172	-18.884128	16	-1.0165764	0.1546775	0.49786934
CSF1R	-0.0658865	-31.091871	6	-1.0047179	0.15751635	0.49786934
WEE1	-0.1629912	-76.915613	1	-0.9958593	0.15965926	0.49786934
VRK1	-0.0897087	-42.333566	3	-0.959309	0.16870154	0.49786934
CAMK2A	-0.0257943	-12.172338	31	-0.9373832	0.17428073	0.49786934
TEC	-0.1466267	-69.193196	1	-0.8971571	0.18481755	0.49786934
PRKG1	-0.018225	-8.6003691	52	-0.8848366	0.18812238	0.49786934
CDC42BPA	-0.0364128	-17.1832	14	-0.8695765	0.19226594	0.49786934
WNK1	-0.0981481	-46.31614	2	-0.8552593	0.19620382	0.49786934
KIT	-0.097768	-46.136741	2	-0.8520165	0.19710245	0.49786934
MAP4K6	-0.0681599	-32.164662	4	-0.847772	0.19828249	0.49786934
PRKCQ	-0.0660462	-31.167229	4	-0.8222751	0.20546018	0.49786934
PIM2	-0.0511595	-24.142201	6	-0.7871408	0.21559974	0.49786934
EPHA1	-0.0496459	-23.427909	6	-0.764778	0.22220187	0.49786934
EPHA3	-0.0496459	-23.427909	6	-0.764778	0.22220187	0.49786934
EPHA4	-0.0496459	-23.427909	6	-0.764778	0.22220187	0.49786934
MARK2	-0.0479071	-22.607386	6	-0.7390894	0.22992634	0.49786934
EPHA7	-0.0518745	-24.479583	5	-0.7282002	0.23324551	0.49786934
PRKD2	-0.0578407	-27.295042	4	-0.7232923	0.23475017	0.49786934
CSNK2A2	-0.0125607	-5.927405	61	-0.6915267	0.24461729	0.49786934
PRKCI	-0.015062	-7.1077857	40	-0.6553989	0.25610546	0.49786934
TLK2	-0.0417471	-19.700466	6	-0.6480809	0.25846631	0.49786934
MAPKAPK2	-0.025622	-12.091049	15	-0.6480277	0.25848352	0.49786934
CSNK1D	-0.0074979	-3.5382408	102	-0.5858158	0.27899964	0.49786934

PIM3	-0.0400609	-18.904764	5	-0.5688733	0.28472107	0.49786934
TLK1	-0.0356127	-16.805627	6	-0.5574506	0.2886098	0.49786934
IGF1R	-0.0481394	-22.717002	3	-0.5250418	0.29977706	0.49786934
AAK1	-0.0756362	-35.692753	1	-0.4689794	0.31954217	0.49786934
PLK2	-0.0292962	-13.824898	6	-0.4641312	0.32127686	0.49786934
PDHK3	-0.0505492	-23.854195	2	-0.4492501	0.32662563	0.49786934
GRK1	-0.0226577	-10.692198	9	-0.4483229	0.3269601	0.49786934
MAP2K5	-0.0151192	-7.1347764	18	-0.4411186	0.32956358	0.49786934
CAMK2G	-0.0143802	-6.7860428	16	-0.3980616	0.3452924	0.49786934
IRAK4	-0.0635575	-29.992812	1	-0.396127	0.34600566	0.49786934
MAP3K5	-0.0327523	-15.455818	3	-0.3642953	0.35781875	0.49786934
MAP3K6	-0.0327523	-15.455818	3	-0.3642953	0.35781875	0.49786934
CSNK1A1	-0.0045746	-2.1587723	76	-0.3519643	0.36243252	0.49786934
PRKCA	-0.0029608	-1.3971806	131	-0.3506791	0.36291455	0.49786934
PRKCD	-0.0059992	-2.8310055	50	-0.3462352	0.36458297	0.49786934
EPHB2	-0.0262865	-12.404631	4	-0.342656	0.36592863	0.49786934
MAPKAPK3	-0.0371469	-17.52961	2	-0.3349306	0.36883874	0.49786934
EPHA2	-0.016295	-7.6895962	9	-0.3331918	0.36949475	0.49786934
CDK14	-0.0355413	-16.77197	2	-0.3212359	0.37401582	0.49786934
MST1	-0.051027	-24.079659	1	-0.3205495	0.3742759	0.49786934
PKD1	-0.0066073	-3.117979	31	-0.2930478	0.38474281	0.49786934
CDK2	-0.0005945	-0.2805525	312	-0.2891	0.38625241	0.49786934
LYN	-0.0119143	-5.6223807	10	-0.2676626	0.39447954	0.49786934
WNK3	-0.0413147	-19.496436	1	-0.2619702	0.39667222	0.49786934
EPHA5	-0.0222144	-10.482996	3	-0.2542081	0.39966741	0.49786934
EPHA6	-0.0222144	-10.482996	3	-0.2542081	0.39966741	0.49786934
FLT3	-0.0385029	-18.169537	1	-0.2450107	0.40322406	0.49786934
PLK4	-0.0046733	-2.2053163	30	-0.2243908	0.41122662	0.49786934
ACTR2	-0.0179292	-8.4608156	3	-0.2094415	0.41705181	0.49786934
CDK5	-0.0008509	-0.4015362	128	-0.2026669	0.4196977	0.49786934
GSG2	-0.0199875	-9.4321274	2	-0.1885651	0.42521684	0.49786934
ADRBK2	-0.0117083	-5.5251433	5	-0.186487	0.42603144	0.49786934
PDPK1	-0.0154494	-7.2905975	3	-0.1835354	0.42718896	0.49786934
CLK3	-0.0133427	-6.2964407	3	-0.161527	0.43583917	0.49786934
IRAK1	-0.0243312	-11.481904	1	-0.1595344	0.43662393	0.49786934
NEK6	-0.0243312	-11.481904	1	-0.1595344	0.43662393	0.49786934
TAF1	-0.0239065	-11.28147	1	-0.1569726	0.43763322	0.49786934
MAPK10	-0.0021783	-1.0279352	34	-0.1511357	0.43993434	0.49786934
GRK7	-0.0089849	-4.2399729	5	-0.1497571	0.44047811	0.49786934
CSNK1E	-0.0016375	-0.7727387	39	-0.1414981	0.44373824	0.49786934
RIPK1	-0.0185422	-8.7500795	1	-0.1246182	0.45041289	0.49786934
MAP3K10	-0.0175709	-8.291717	1	-0.1187598	0.45273283	0.49786934
GRK5	-0.0050559	-2.3859	6	-0.1060042	0.45778949	0.49786934
MAPK14	-0.0002542	-0.1199506	46	-0.0970848	0.46132952	0.49786934
TTK	0.00083091	0.3921066	114	-0.0829571	0.46694284	0.49786934
MAP3K1	-0.0101293	-4.7800397	1	-0.0738762	0.47055446	0.49786934
STK25	-0.0094012	-4.4364344	1	-0.0694845	0.472302	0.49786934
STK10	-0.0040325	-1.9029253	2	-0.0524716	0.47907646	0.49786934
PDK3	-0.006476	-3.0560444	1	-0.0518413	0.47932756	0.49786934
PDK4	-0.006476	-3.0560444	1	-0.0518413	0.47932756	0.49786934
GSK3A	0.00144656	0.6826324	161	-0.0514694	0.47947575	0.49786934
PAK6	-0.0020435	-0.9643146	4	-0.0502128	0.4799764	0.49786934
PRKAA1	0.00111411	0.52574757	38	-0.0373658	0.48509665	0.49786934
CAMK1D	-0.0001544	-0.0728804	6	-0.0335893	0.48660234	0.49786934
ULK1	0	0	1	-0.0127813	0.49490116	0.49786934
ADRBK1	0.0018905	0.89212717	51	-0.0098462	0.49607198	0.49786934

MELK	0.00216642	1.02233585	3	0.00049447	0.49980274	0.49980274
OXSRI	0.00343963	1.62316484	2	0.01126397	0.49550642	0.49786934
MAP2K3	0.00262304	1.2378155	25	0.0151979	0.49393715	0.49786934
CSNK2A1	0.0022896	1.08046197	269	0.01686709	0.49327132	0.49786934
WNK2	0.00542809	2.56151691	1	0.01995814	0.49203838	0.49786934
PAK5	0.00361278	1.70487092	6	0.02206778	0.49119694	0.49786934
ROCK1	0.00257717	1.216165	75	0.02392707	0.49045539	0.49786934
PNCK	0.00793496	3.74451249	1	0.03507831	0.48600865	0.49786934
MAPK7	0.00310317	1.46438614	54	0.04361638	0.4826051	0.49786934
CAMK2D	0.0036838	1.7383852	28	0.0499385	0.4800857	0.49786934
PDGFRB	0.00658207	3.10608064	7	0.07121927	0.47161162	0.49786934
CLK4	0.01305115	6.15884345	2	0.09324828	0.46285316	0.49786934
TRKB	0.01293397	6.10354311	3	0.11298113	0.45502276	0.49786934
CDK19	0.0210935	9.95402977	1	0.11444373	0.45444302	0.49786934
TGFR2	0.00666771	3.1464944	20	0.12269256	0.45117528	0.49786934
MAP3K7	0.01832443	8.647305	2	0.13822828	0.44503	0.49786934
SLK	0.01520825	7.17677927	4	0.15789398	0.43727017	0.49786934
MAP2K6	0.00637261	3.00723884	38	0.15814823	0.43717	0.49786934
CAMK1G	0.02258983	10.6601493	2	0.17461129	0.43069254	0.49786934
TRPM7	0.01315088	6.20590428	7	0.17604297	0.43013009	0.49786934
AURKC	0.01056739	4.98675522	13	0.18372351	0.42711518	0.49786934
BUB1	0.02386727	11.2629739	2	0.1855076	0.42641546	0.49786934
BLK	0.01247661	5.8877174	9	0.18741348	0.42566823	0.49786934
STK39	0.0241218	11.3830874	2	0.1876787	0.42556426	0.49786934
MST3	0.0204431	9.64710313	3	0.19142769	0.42409527	0.49786934
MAPK9	0.00756535	3.57008985	42	0.21288567	0.41570807	0.49786934
STK3	0.03764772	17.7659714	1	0.21429015	0.4151604	0.49786934
STK4	0.03764772	17.7659714	1	0.21429015	0.4151604	0.49786934
CAMK4	0.01059548	5.00000933	18	0.21690559	0.41414096	0.49786934
BRSK1	0.02809276	13.256983	2	0.22155016	0.41233204	0.49786934
ITK	0.02052452	9.68552711	4	0.22202386	0.41214765	0.49786934
LMTK2	0.03903026	18.4183944	1	0.22262893	0.41191216	0.49786934
CDK16	0.02565096	12.1046939	3	0.24583329	0.40290564	0.49786934
UHMK1	0.02610034	12.3167596	3	0.25052796	0.40108954	0.49786934
TRPM6	0.01465363	6.91505128	12	0.26189223	0.39670226	0.49786934
MAPK1	0.00479767	2.26402339	272	0.26644836	0.39494696	0.49786934
AURKA	0.00510228	2.40776719	226	0.27049456	0.3933899	0.49786934
HIPK2	0.00629778	2.97192256	118	0.27378165	0.39212621	0.49786934
NEK2	0.00510745	2.41020883	249	0.28441768	0.38804516	0.49786934
PKD3	0.02351195	11.0952944	5	0.28852103	0.38647397	0.49786934
CDC7	0.02666308	12.5823168	4	0.29607308	0.38358714	0.49786934
TRKA	0.03865241	18.2400833	2	0.3116218	0.37766398	0.49786934
TRKC	0.03865241	18.2400833	2	0.3116218	0.37766398	0.49786934
DYRK1A	0.02530074	11.939429	5	0.31264619	0.37727474	0.49786934
BMX	0.03999172	18.8721046	2	0.32304586	0.37333026	0.49786934
DYRK2	0.0214622	10.1280189	8	0.32998561	0.37070542	0.49786934
CDK20	0.05817466	27.4526423	1	0.33809795	0.36764469	0.49786934
ACVR1B	0.0589855	27.835277	1	0.3429885	0.36580355	0.49786934
SMG1	0.04362063	20.5845912	2	0.35399978	0.36166952	0.49786934
CSNK1G2	0.01573788	7.426709	19	0.35804607	0.36015442	0.49786934
PAK4	0.01232971	5.81839316	34	0.35909981	0.35976021	0.49786934
NLK	0.01457193	6.87649927	24	0.36795761	0.35645242	0.49786934
MAPK3	0.00569296	2.68650923	308	0.37830106	0.35260348	0.49786934
MARK4	0.0153893	7.26221393	24	0.39210917	0.34748878	0.49786934
ABL1	0.02071283	9.77439072	13	0.40435436	0.34297608	0.49786934
CDK4	0.01234164	5.82402373	52	0.44461549	0.32829883	0.49786934

MAP3K8	0.04541962	21.4335338	3	0.45235312	0.32550731	0.49786934
HCK	0.02610309	12.3180552	10	0.45745174	0.32367319	0.49786934
MAP2K2	0.01621587	7.65227243	29	0.45787033	0.3235228	0.49786934
TNK2	0.08027543	37.8820017	1	0.47139825	0.31867818	0.49786934
MAPK8	0.00956249	4.5125409	112	0.47512062	0.3173505	0.49786934
CDK1	0.00521596	2.46141542	654	0.47767888	0.31643939	0.49786934
LATS1	0.08240248	38.8857539	1	0.48422746	0.31411222	0.49786934
NUAK2	0.08241626	38.8922614	1	0.48431064	0.31408271	0.49786934
DAPK2	0.08317881	39.2521062	1	0.4889099	0.31245274	0.49786934
DYRK1B	0.08451608	39.8831667	1	0.49697565	0.30960311	0.49786934
BRSK2	0.08738716	41.2380269	1	0.51429246	0.30352377	0.49786934
CDK6	0.01812986	8.55548577	29	0.52003775	0.30151863	0.49786934
NEK3	0.06438539	30.3834847	2	0.53111893	0.29766818	0.49786934
PAK1	0.0147872	6.9780822	50	0.54028183	0.29450134	0.49786934
ICK	0.02919747	13.7782932	11	0.54167984	0.29401954	0.49786934
PDHK4	0.02813873	13.2786771	12	0.54364535	0.29334277	0.49786934
PDK2	0.02471744	11.6641675	16	0.54520575	0.29280601	0.49786934
GRK6	0.05454088	25.7378583	3	0.54764132	0.29196911	0.49786934
FLT1	0.04755547	22.4414418	4	0.54809705	0.29181263	0.49786934
BCR	0.06705246	31.6420768	2	0.55386851	0.28983442	0.49786934
TBK1	0.06808521	32.1294309	2	0.56267764	0.28682721	0.49786934
MAPKAPK5	0.04062972	19.1731769	6	0.56895768	0.28469243	0.49786934
PRKCG	0.01389597	6.55751042	68	0.5857445	0.27902361	0.49786934
IKKB	0.01275153	6.01745064	86	0.59471079	0.27601841	0.49786934
CDC42BPB	0.03976095	18.7632055	7	0.60068093	0.27402626	0.49786934
PRKG2	0.02131106	10.056695	27	0.60148542	0.27375836	0.49786934
CDK7	0.01163209	5.48918766	111	0.60450894	0.27275266	0.49786934
CDK9	0.03428423	16.1787381	10	0.61349235	0.26977542	0.49786934
YES1	0.032622	15.3943304	12	0.6373171	0.26195916	0.49786934
PAK7	0.10947585	51.66169	1	0.64751995	0.25864774	0.49786934
NUAK1	0.05653927	26.6809001	4	0.65646824	0.25576145	0.49786934
AURKB	0.01514358	7.14625985	73	0.67119054	0.25104958	0.49786934
MAK	0.03752511	17.708111	10	0.67530635	0.24974058	0.49786934
ACVR2B	0.06697866	31.6072516	3	0.67757667	0.24902007	0.49786934
PRKACA	0.01697383	8.00995558	60	0.69400783	0.24383865	0.49786934
MAP2K1	0.01600194	7.55131959	69	0.69554753	0.24335612	0.49786934
MAP4K4	0.05473547	25.8296834	5	0.70962624	0.23896797	0.49786934
PRKCZ	0.02330943	10.9997285	32	0.72299731	0.23484077	0.49786934
PIM1	0.03162154	14.922214	18	0.75494974	0.22513957	0.49786934
ERBB4	0.09291318	43.8457604	2	0.77445526	0.21933081	0.49786934
SRPK1	0.09368178	44.2084611	2	0.78101123	0.21739795	0.49786934
CAMK1	0.03565948	16.8277191	15	0.78349719	0.2166676	0.49786934
CHEK2	0.04333714	20.4508123	10	0.78616051	0.21588673	0.49786934
MARK1	0.02851382	13.4556823	25	0.79599623	0.21301711	0.49786934
MAPK6	0.13448922	63.4655034	1	0.79838749	0.21232283	0.49786934
MARK3	0.0304709	14.379225	23	0.82010292	0.20607872	0.49786934
SGK2	0.09875265	46.6014064	2	0.82426473	0.20489458	0.49786934
HIPK1	0.09970419	47.0504368	2	0.83238114	0.20259692	0.49786934
CLK1	0.01345016	6.34713381	156	0.85360477	0.19666201	0.49786934
IRR	0.14874136	70.1910952	1	0.88434899	0.18825392	0.49786934
TXK	0.14874136	70.1910952	1	0.88434899	0.18825392	0.49786934
TYK2	0.14874136	70.1910952	1	0.88434899	0.18825392	0.49786934
JAK2	0.10637696	50.1993186	2	0.88929851	0.18692133	0.49786934
DAPK1	0.03516462	16.5941931	20	0.8913564	0.186369	0.49786934
RET	0.08758113	41.3295651	3	0.89280712	0.18598024	0.49786934
EPHB1	0.07500803	35.3963109	5	0.9830381	0.16279434	0.49786934

PRKAA2	0.02089512	9.86041421	77	0.99374022	0.16017468	0.49786934
DYRK3	0.16722134	78.911804	1	0.99581059	0.15967109	0.49786934
SGK1	0.03178382	14.9987967	31	0.99619655	0.15957733	0.49786934
CSNK1G1	0.04560549	21.5212451	18	1.11279058	0.13289919	0.4659883
MOS	0.19054746	89.9194069	1	1.13650157	0.12787336	0.45411435
INSR	0.08776002	41.4139798	5	1.15502159	0.12404079	0.44622467
PAK3	0.06019452	28.4058141	11	1.1617496	0.1226686	0.44622467
BTK	0.13881702	65.507795	2	1.16600571	0.12180607	0.44622467
VRK2	0.19562599	92.3159668	1	1.16713261	0.12157841	0.44622467
VRK3	0.19562599	92.3159668	1	1.16713261	0.12157841	0.44622467
NEK4	0.07103684	33.5223067	8	1.17570893	0.11985561	0.44622467
PRKCT	0.03041046	14.3507052	49	1.19447132	0.11614683	0.44622467
NME1	0.20072781	94.7235164	1	1.19790411	0.11547717	0.44622467
PDK1	0.026206	12.3666216	71	1.22414837	0.11044813	0.44622467
ARAF	0.03901017	18.408913	31	1.23887071	0.10769669	0.44622467
GRK4	0.12191316	57.5308607	3	1.25146788	0.10538191	0.44622467
MTOR	0.0450824	21.2743985	24	1.26948356	0.10213433	0.44622467
EIF2AK2	0.03427427	16.1740367	45	1.3010107	0.0966274	0.44609648
NEK11	0.11128117	52.5136183	4	1.31681733	0.09394993	0.44108697
SGK3	0.11170011	52.7113171	4	1.32187101	0.09310555	0.44108697
CSNK2B	0.1598118	75.4152405	2	1.34508698	0.08929857	0.43891221
BCKDK	0.0820769	38.7321159	8	1.36404794	0.08627624	0.43451851
DAPK3	0.164388	77.5747486	2	1.384121	0.0831607	0.42658361
LCK	0.10688527	50.4391906	5	1.4129599	0.07883376	0.41453443
AKT3	0.0482726	22.7798557	28	1.47301611	0.07037335	0.38222386
AKT2	0.03880728	18.3131687	45	1.4844183	0.06884899	0.38142341
CLK2	0.0659612	31.1271121	17	1.58765248	0.05618247	0.32222316
PTK2	0.27143735	128.091371	1	1.62438715	0.0521466	0.30733211
AKT1	0.02327448	10.9832346	168	1.65386249	0.04907773	0.29553328
SRRM1	0.16088855	75.9233573	3	1.65863696	0.04859448	0.29553328
PRKCH	0.05387147	25.4219657	30	1.70967959	0.04366257	0.28126818
MAPK11	0.04045354	19.0900363	55	1.71472415	0.04319791	0.28126818
FGR	0.08438788	39.8226668	12	1.71889548	0.0428167	0.28126818
RPS6KB2	0.07720901	36.4349562	15	1.75408652	0.03970784	0.28030873
MAP2K7	0.06072389	28.6556207	25	1.76736763	0.03858334	0.28030873
RPS6KA2	0.03428191	16.1776426	89	1.83009151	0.03361813	0.25168166
MAP2K4	0.04424102	20.8773502	53	1.84956631	0.03218804	0.2476691
GTF2F1	0.31674308	149.47116	1	1.89764767	0.02887125	0.22849536
EGFR	0.10343644	48.8116872	10	1.93244682	0.02665219	0.21713696
KDR	0.19019203	89.7516788	3	1.96476533	0.0247207	0.20750408
CHUK	0.0363439	17.1506956	91	1.96917996	0.02446621	0.20750408
PRKCE	0.04468187	21.0853898	59	1.97187669	0.02431184	0.20750408
MAPK12	0.05224174	24.6528946	44	2.00532199	0.02246432	0.20750408
RAF1	0.03640378	17.1789561	123	2.29338271	0.01091299	0.13143037
SRC	0.11269821	53.182323	12	2.31040179	0.01043296	0.13136045
FYN	0.20046469	94.5993487	4	2.39263418	0.00836396	0.11584078
MAPK13	0.06186838	29.1957091	45	2.41747927	0.00781421	0.11392299
ERBB2	0.2104204	99.2974528	4	2.51272951	0.00599006	0.0976027
PKM	0.43510203	205.324785	1	2.61152707	0.00450694	0.08917308
MET	0.14770988	69.7043382	10	2.77688338	0.00274414	0.06222414
PTK6	0.48018633	226.600079	1	2.88345201	0.00196671	0.06053105
RPS6KA1	0.11418962	53.8861177	19	2.94640178	0.00160747	0.05565874
CSNK1G3	0.21067151	99.41595	10	3.97776361	3.48E-05	0.00321165
PAK2	0.08948701	42.2289487	60	4.08179667	2.23E-05	0.00309471
RPS6KB1	0.1147168	54.1348958	48	4.70515498	1.27E-06	0.00035134