

**Figure 1-figure supplement 2**

Gene	Description
ADCK2	aarF domain containing kinase 2
CDK9	cyclin-dependent kinase 9
CHEK2	checkpoint kinase 2
CNKSR1	connector enhancer of kinase suppressor of Ras 1
CSNK1E	casein kinase 1, epsilon
CSNK1G2	casein kinase 1, gamma 2
DAK	dihydroxyacetone kinase 2 homolog
IKBKE	inhibitor of nuclear factor kappa-B kinase subunit epsilon
MAPK12	mitogen-activated protein kinase 12
MAPK15	mitogen-activated protein kinase 15
MAPK7	mitogen-activated protein kinase 7
MAST1	microtubule associated serine/threonine kinase 11
MELK	maternal embryonic leucine zipper kinase
NEK6	NIMA (never in mitosis gene a)-related kinase 6
NUAK2	NUAK family, SNF1-like kinase, 2
PACSIN1	protein kinase C and casein kinase substrate in neurons protein 1
PCTK1	serine/threonine-protein kinase PCTAIRE-1
PDXK	pyridoxal (pyridoxine, vitamin B6) kinase
PLK1	Polo-like kinase 1
RET	"rearranged during transfection" proto-oncogene
RPS6KA5	ribosomal protein S6 kinase alpha-5
SGK	serum/glucocorticoid regulated kinase 1
TK1	Thymidine kinase 1
TYROBP	TYRO protein tyrosine kinase binding protein
UCK2	uridine-cytidine kinase 2