Kinase activity ranking using phosphoproteomics data (KARP) quantifies the contribution of protein kinases to the regulation of cell viability

Wilkes, E. H.1,2*, Casado, P.1*, Rajeeve, V.1 and Cutillas, P. R.1

Supplementary Figures
Supplementary Fig. 1. Frequency of kinase rank in a panel of eight haematological cell lines.
**Supplementary Fig. 2. Effect of randomization on the output of KARP**

*K*-scores for several kinases obtained using the PhosphoSitePlus database (top) or against a randomized database (bottom). PhosphoSitePlus and random databases had the same properties in terms of number of kinases, substrates, and substrates per kinase.
Supplementary Fig. 3. Dose response curves of hematological cell lines treated with a panel of kinase inhibitors. The named cell lines were treated with the inhibitors shown and viability measured using a Guava assay after 72 h of treatment. Data points are mean ± SD (n = 4).