Supplemental Figure 1: Evaluation of automated phosphopeptide enrichment used for the P100 assay. A) An evaluation of the automated phosphopeptide enrichment protocol used for the P100 assay (MCF7 and PC3 cells treated with compounds in Table #). Isotopically labeled standards (medium) were spiked into each sample prior to Fe3+-IMAC phosphopeptide enrichment, and their corresponding heavy isotopically labeled standards was added prior to MS analysis. The medium/heavy ratios of the internal standard peptide intensities were log2-transformed and normalized to the median for each peptide. The variance of the observed median normalized log2-transformed medium/heavy ratios are displayed in the box plot on the left and reported as ~ 12% across the 96-well plate. The average recovery of the medium phosphopeptide internal standards is reported as a percent of the maximum recovery and displayed in the box plot on the right. The average phosphopeptide recovery across the 96-well plate was ~72%. B) 96-well plate maps that represent the Fe3+-IMAC phosphopeptide enrichment efficiency of two isotopically-labeled internal standards. The enrichment efficiency is reported as a percentage of the maximum recovery of each internal standards peptide that was calculated from the ratio of the medium to heavy peptide intensities.