**Standard response curve for absolute quantification of dark kinase peptides**.

The robust linear regression analysis of peak area ratios from admixtures of the indicated concentration of the synthetic natural abundance peptide and a constant quantity of the stable isotope labeled peptide (25 fmol) is shown (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2855883/>). The sample matrix was a tryptic digest of bovine serum albumin (100 ng/µL). The three most intense fragment ion ions from three LC-MS analyses were used to generate the robust linear regression line equation (nine independent measurements at each concentration). The mean of the nine measurements and standard deviations are shown. Only measurements with concentrations greater than the LOD that was determined in the tumor matrix was used for the standard curve (see legend for the calibration curve for this peptide).