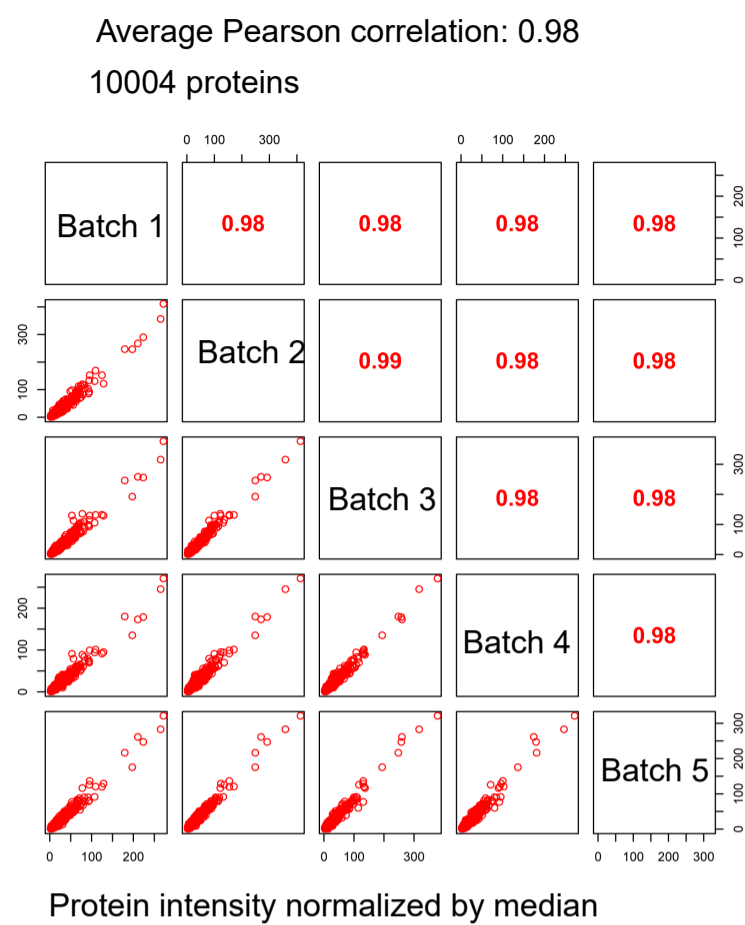
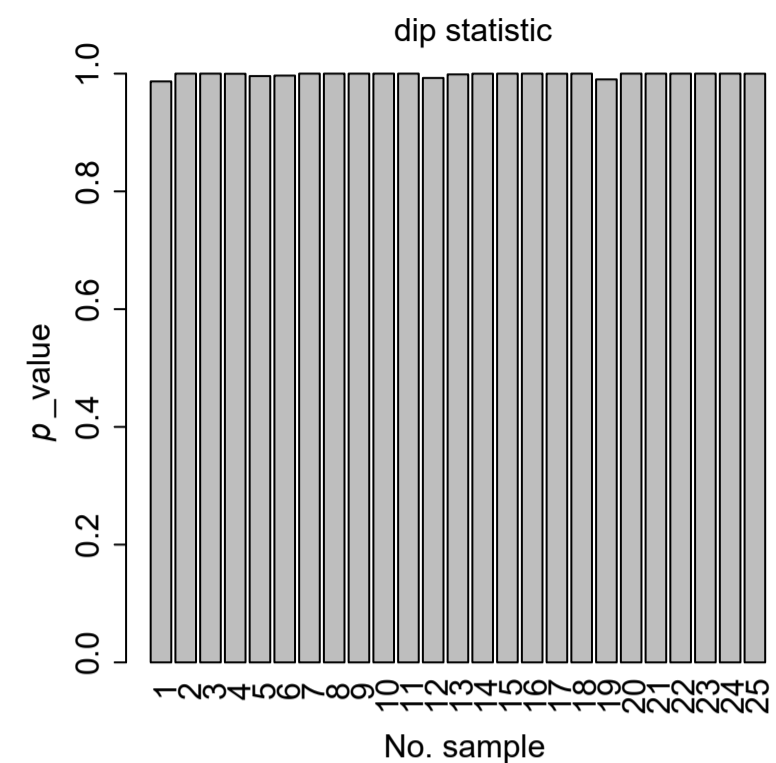
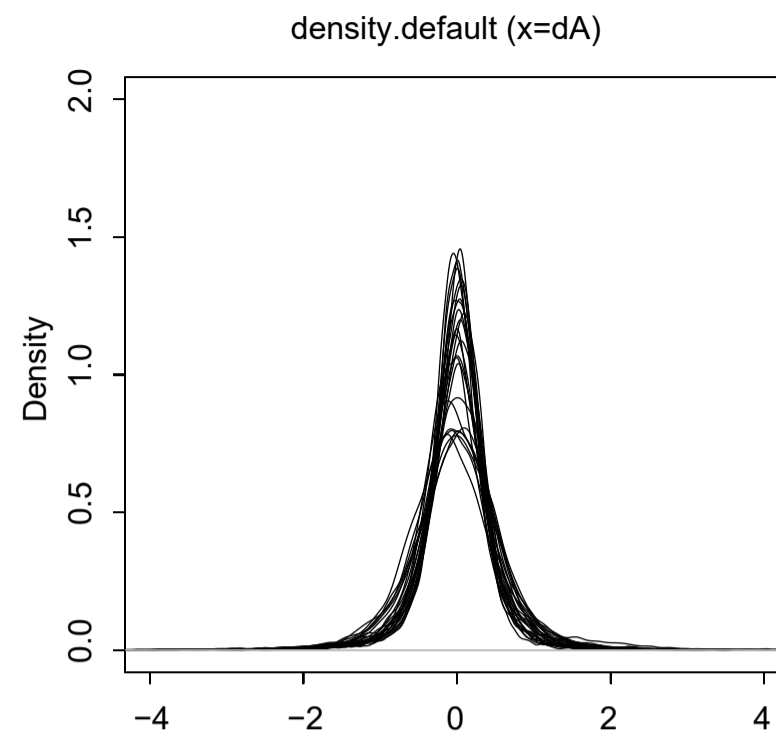


Supplementary Figure 1

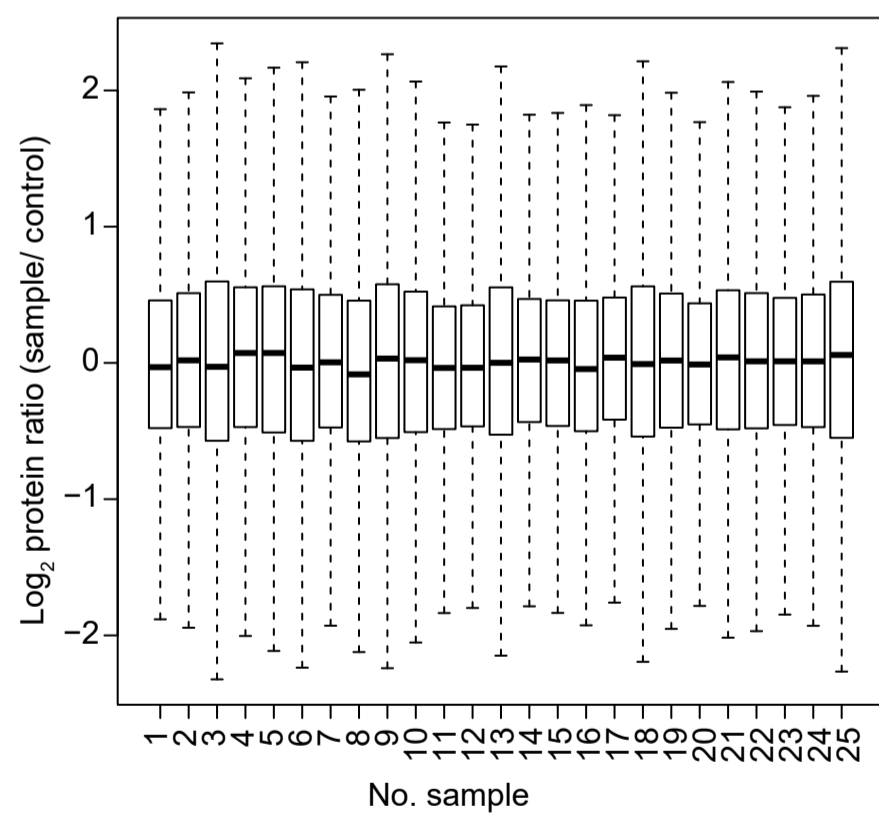
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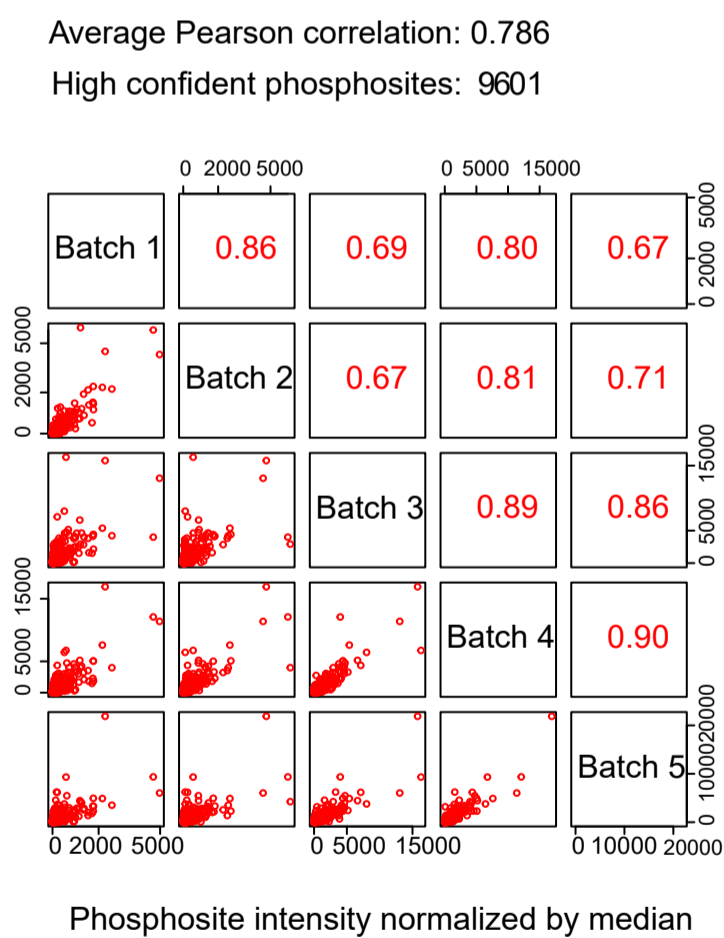
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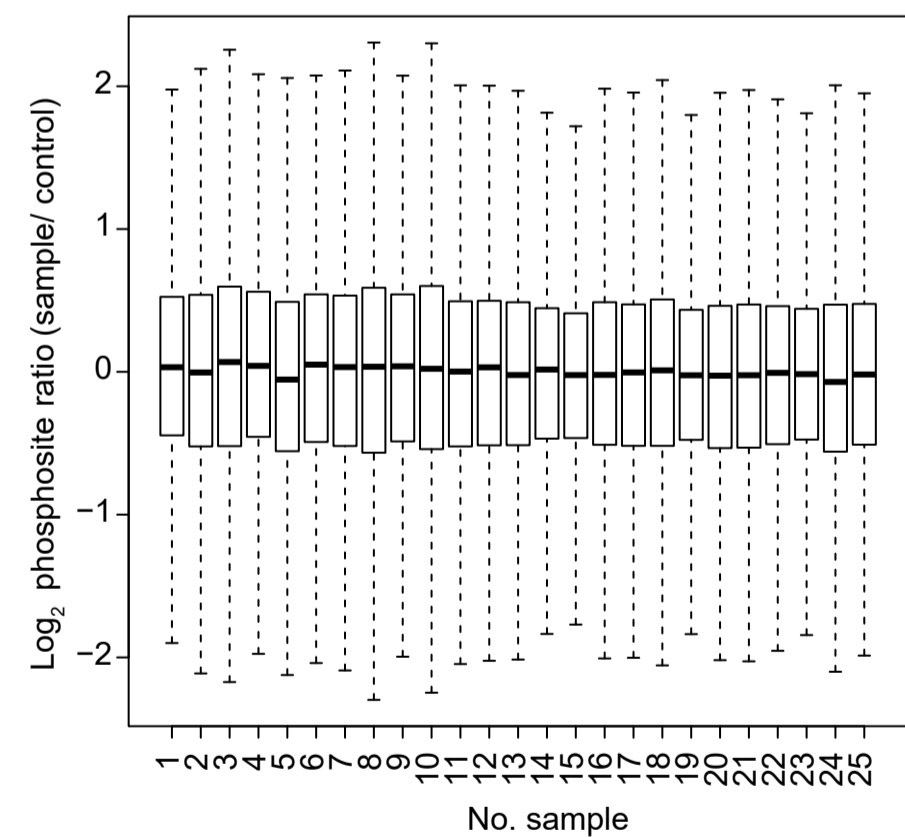
C



D



E



Supplementary Figure 1. Sample quality control and data normalization

A. Variation assessment between batches using protein intensity normalized by median. Scatter plots and Pearson correlations comparing five internal references from five batches were shown.

B. Quality control analysis for twenty-five tumors. The distributions of \log_2 protein ratio (tumor/internal reference) were assessed.

C. \log_2 protein ratios were normalized by z-score in each sample. Box plots: center lines, medians; box limits, 25th and 75th percentiles; whiskers extend to 1.5 times the IQR (interquartile range) from the box edges; dots, outliers.

D. Variation assessment between batches using phosphosites intensity normalized by median. Scatter plots and Pearson correlations comparing five internal references from five batches were shown.

E. \log_2 phosphosites ratios were normalized by z-score in each sample. Box plots: center lines, medians; box limits, 25th and 75th percentiles; whiskers extend to 1.5 times the IQR (interquartile range) from the box edges; dots, outliers.