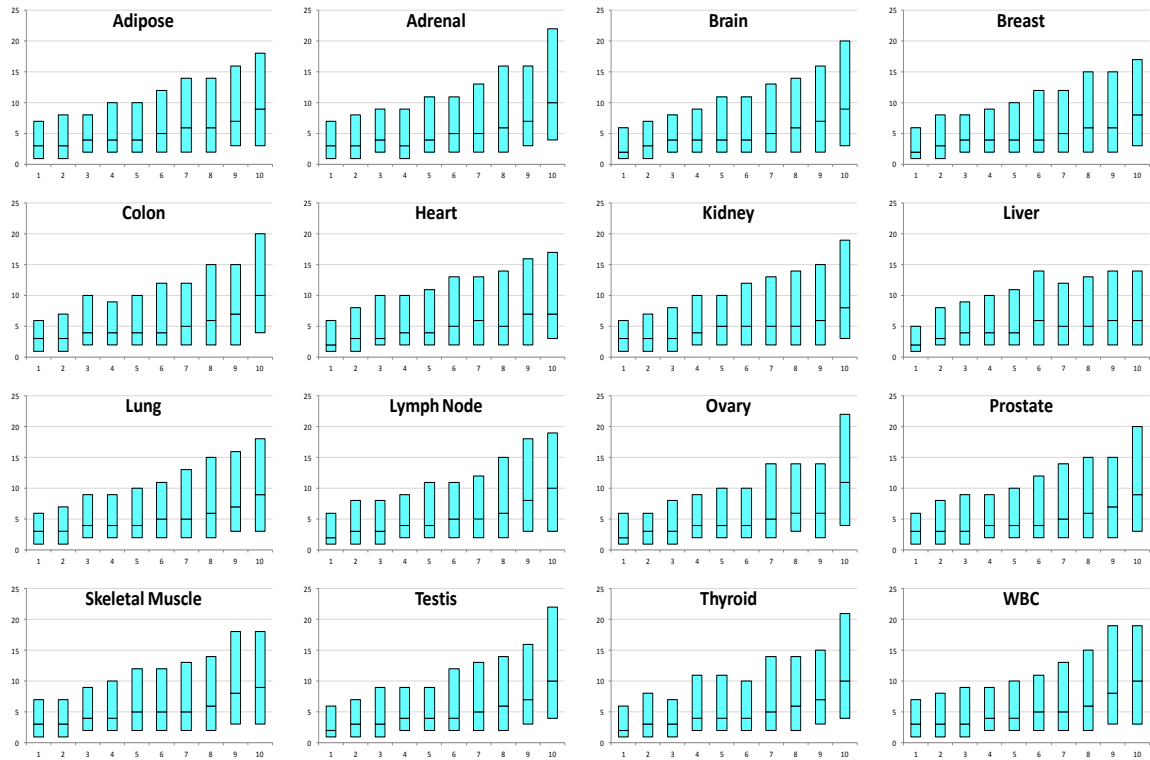


Figure S3: Transcript levels and PPI degrees are correlated in all 16 tissues.

A. Binned expression data: Each box-plot diagram shows the quartiles (25%, 50% and 75%) of the sorted PPI-degree values (Y axis) in each RPKM bin (X axis). The Spearman correlations of the median values were above 0.91 and statistically significant ($p < 2.4 \times 10^{-4}$) in all tissues.



B. No binning of expression data: Each scatter plot shows the log2 RPKM values (X-axis) and the PPI-degree values (Y axis) for a specific tissue. The Spearman correlations were above 0.2 for 14 out of 16 tissues and statistically significant ($p < 2.97 \times 10^{-18}$) in all tissues. Correlations and p-values for each tissue were as follows:

Adipose 0.23, $p < 8.13 \times 10^{-80}$; Adrenal 0.23 $p < 9.65 \times 10^{-87}$; Brain 0.22 $p < 1.57 \times 10^{-78}$; Breast 0.20, $p < 7.47 \times 10^{-62}$; Colon 0.22, $p < 7.07 \times 10^{-76}$; Heart 0.18, $p < 2.46 \times 10^{-49}$; Kidney 0.19, $p < 1.61 \times 10^{-60}$; Liver 0.11, $p < 2.97 \times 10^{-18}$; Lung 0.22, $p < 2.41 \times 10^{-79}$; Lymph Node 0.23, $p < 8.17 \times 10^{-89}$; Skeletal Muscle 0.21, $p < 1.91 \times 10^{-63}$; Ovary 0.25, $p < 4.57 \times 10^{-105}$; Prostate 0.22, $p < 5.09 \times 10^{-83}$; Testis 0.25, $p < 9.19 \times 10^{-109}$; Thyroid 0.23, $p < 5.72 \times 10^{-88}$; WBC 0.20, $p < 2.65 \times 10^{-30}$.

