

# Supplementary Materials for

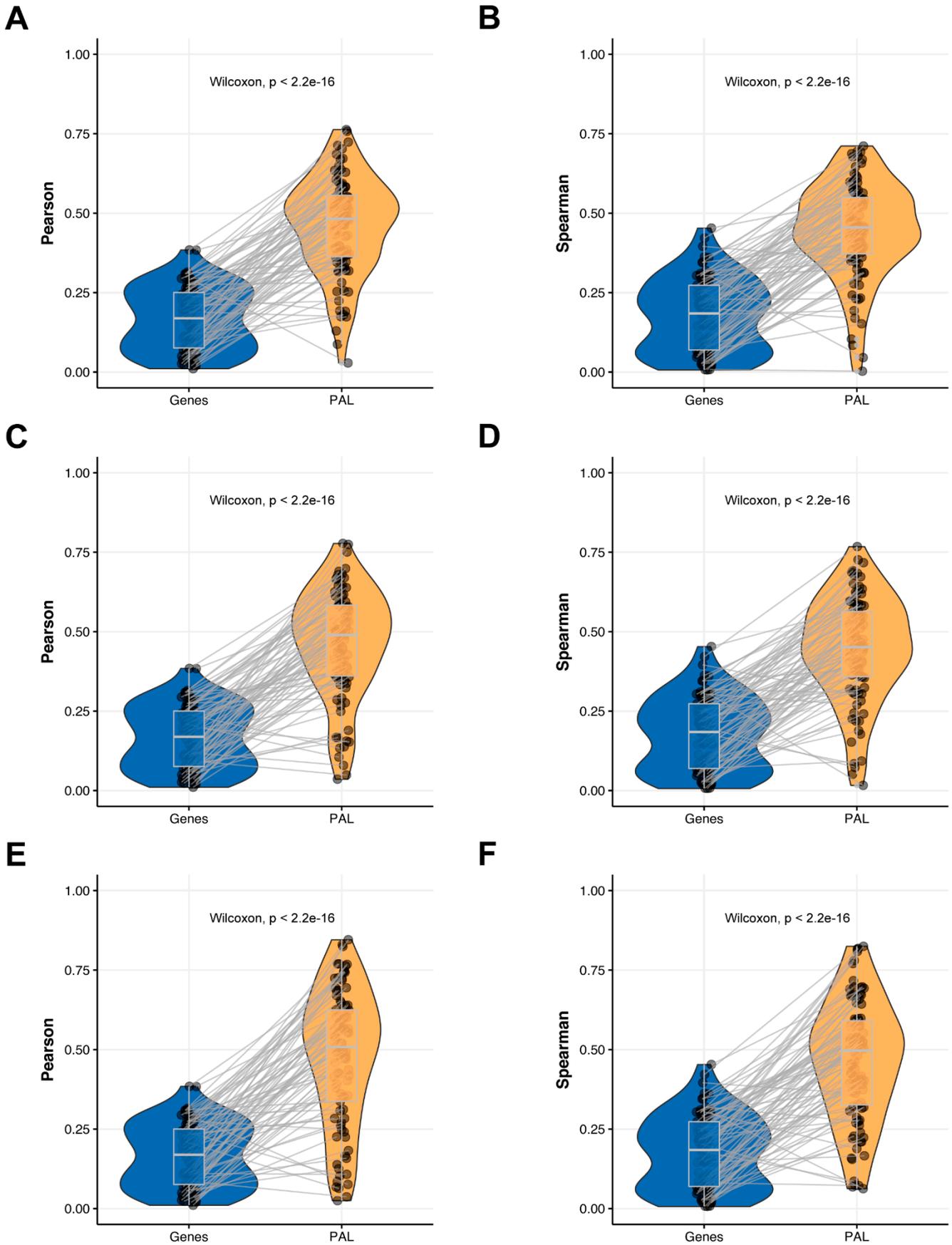
## **Better agreement of human transcriptomic and proteomic cancer expression data at the molecular pathway activation level**

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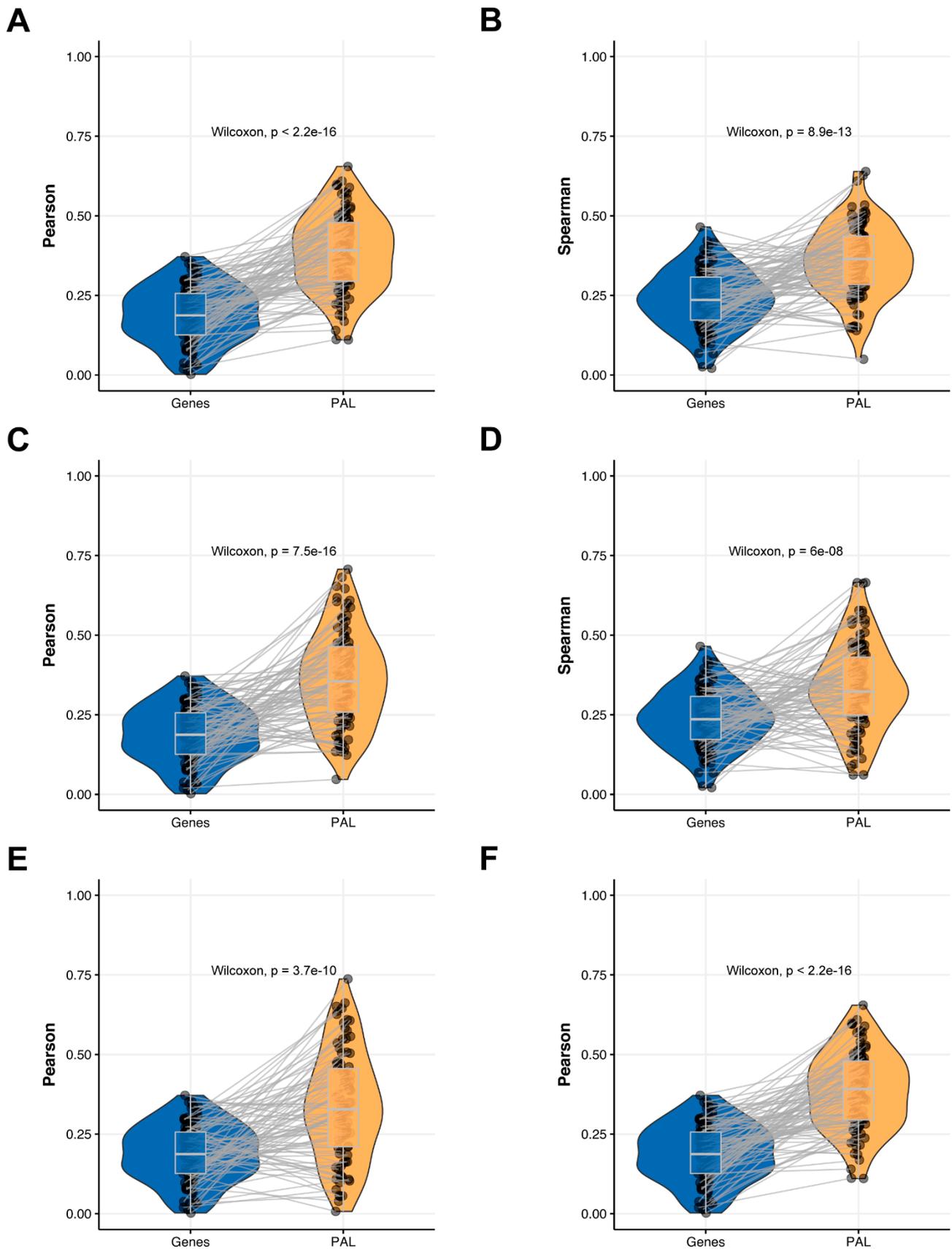
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**This PDF file includes:**

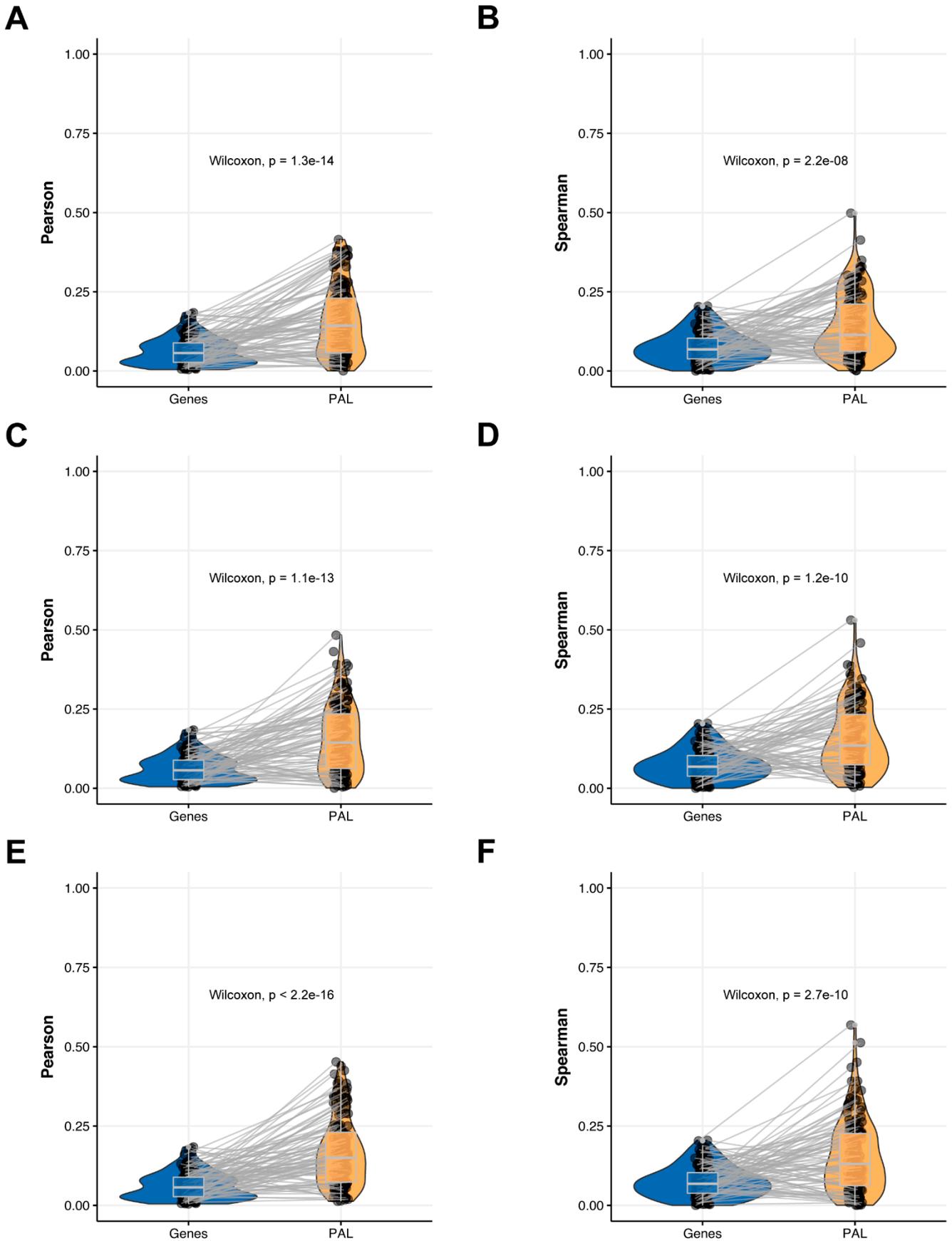
Figures. S1 to S7



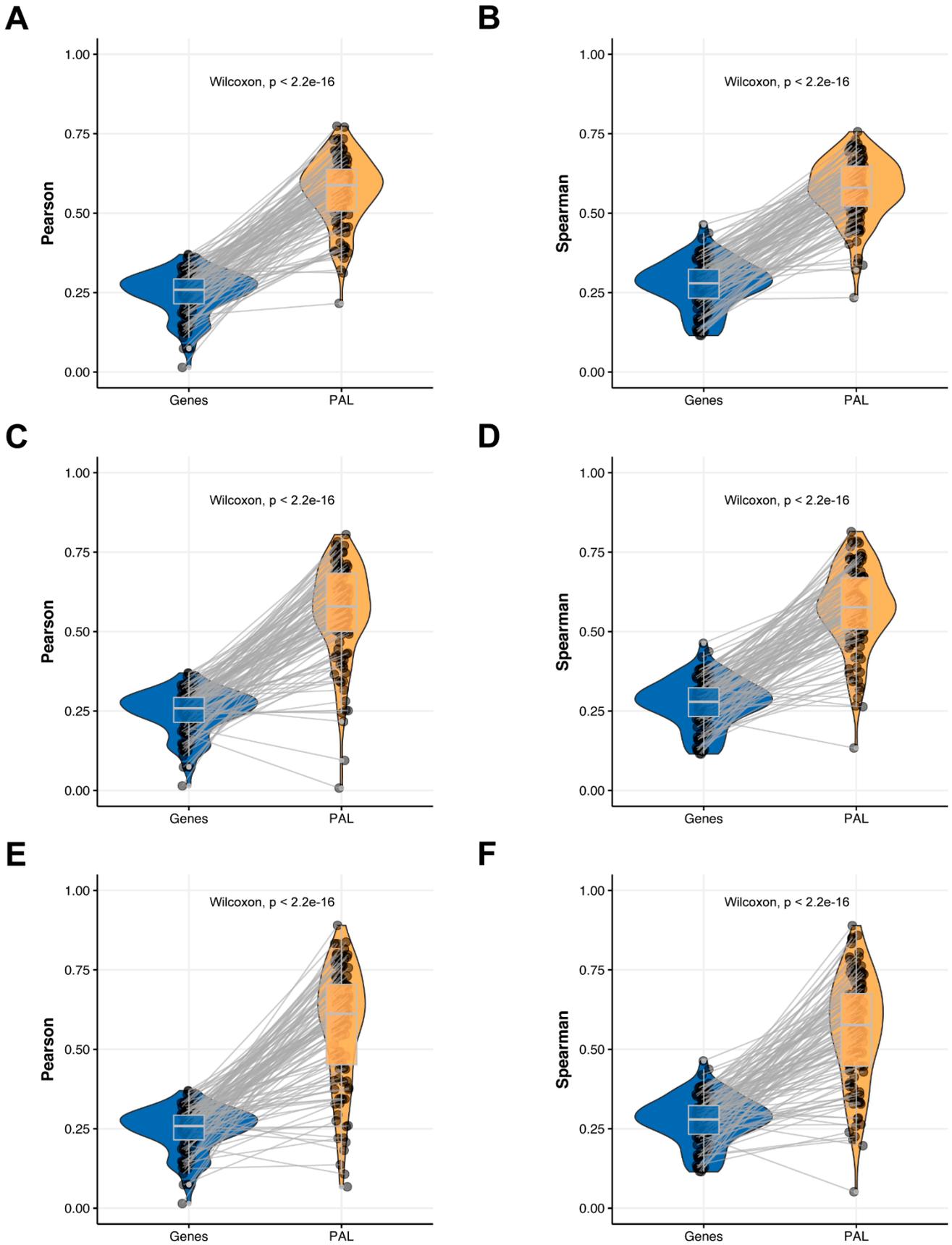
**Figure S1.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Breast Invasive Carcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



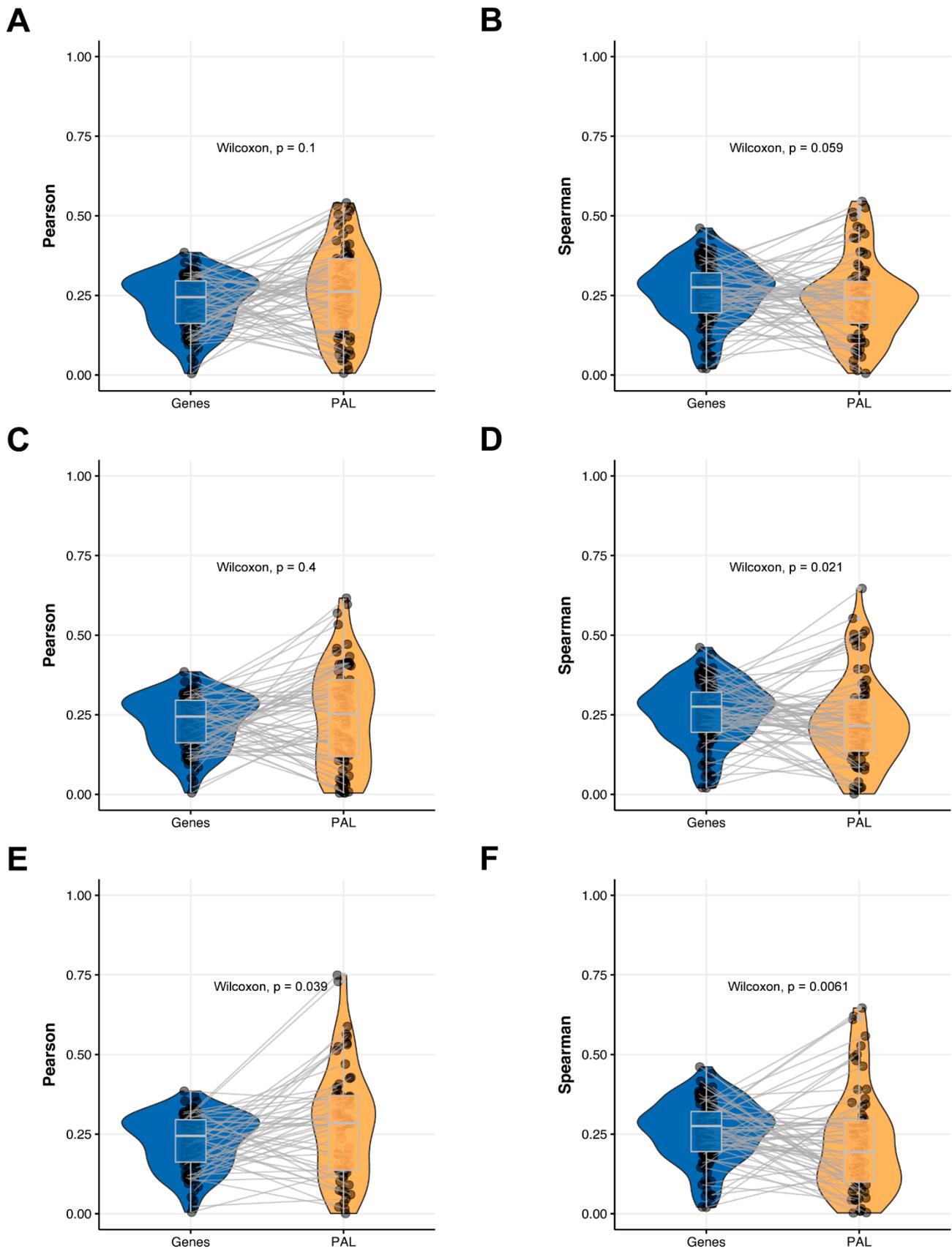
**Figure S2.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Glioblastoma Multiforme biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



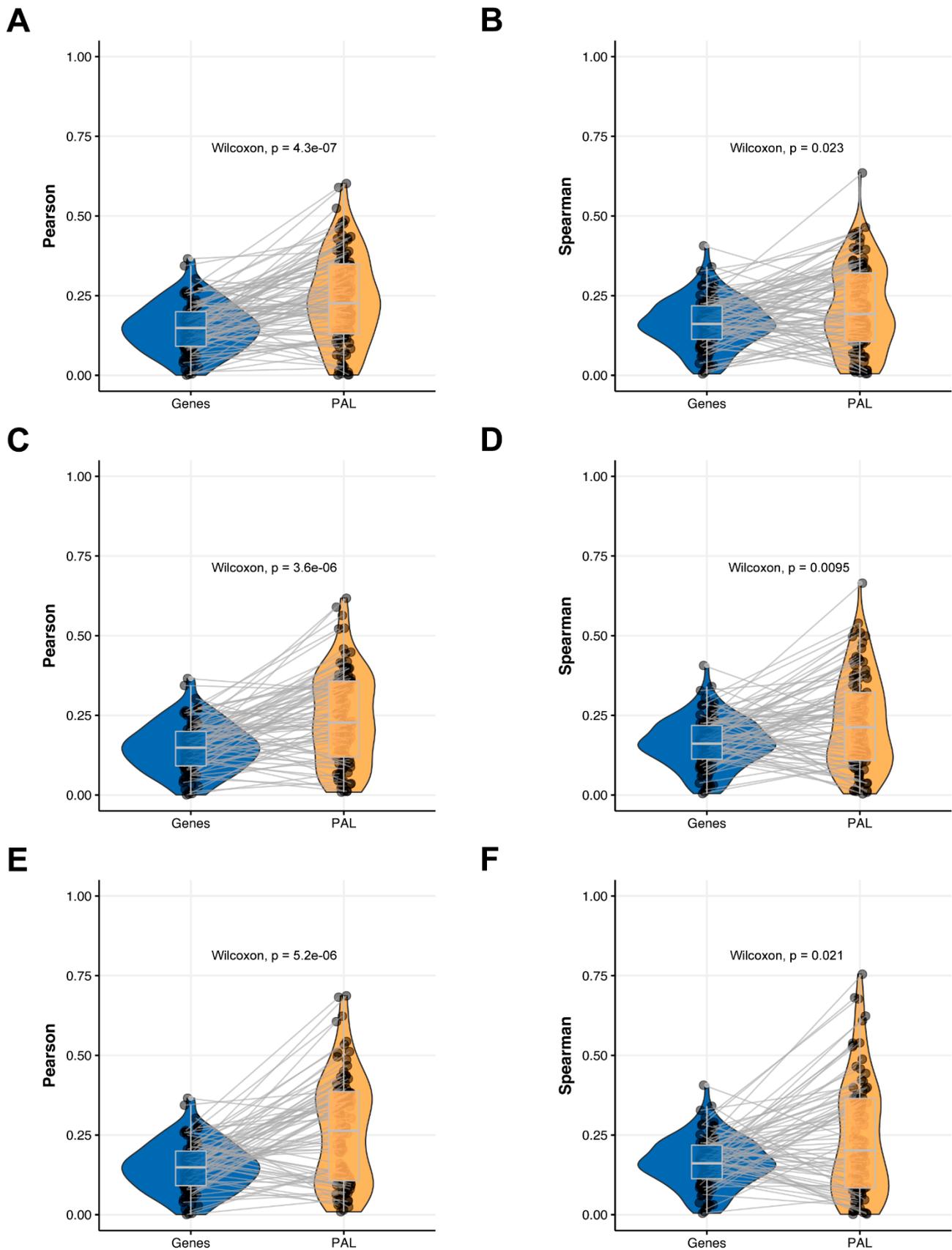
**Figure S3.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Hepatocellular Carcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



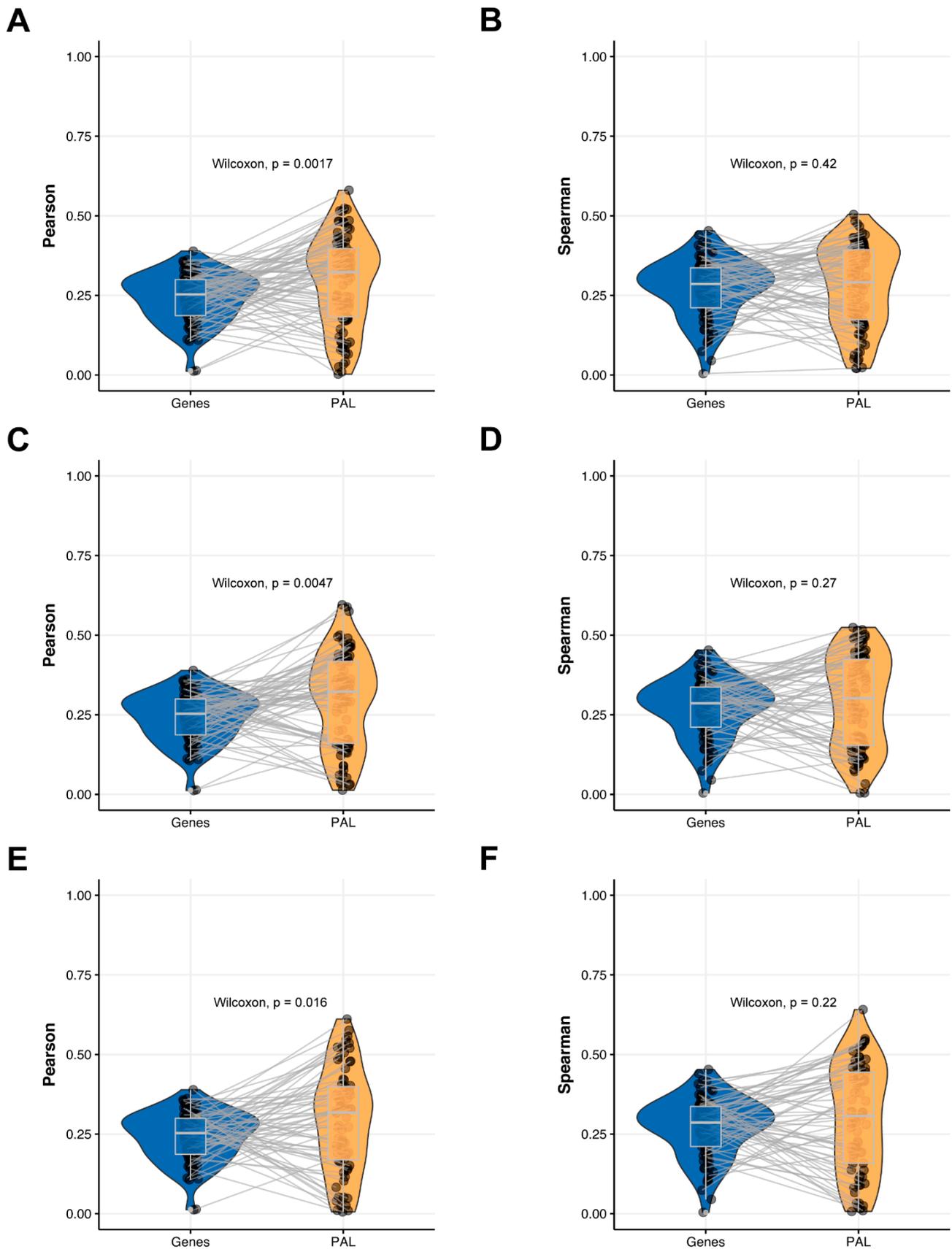
**Figure S4.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Lung Adenocarcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



**Figure S5.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Ovarian Serous Cystadenocarcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



**Figure S6.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Pancreatic Ductal Adenocarcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.



**Figure S7.** Paired gene-to-gene and PAL-to-PAL correlation between RNA and protein expression levels estimated within Uterine Corpus Endometrial Carcinoma biosamples using Pearson and Spearman correlation coefficients for a pool of molecular pathways having (A-B) 10, (C-D) 20, (E-F) 40 and more genes.