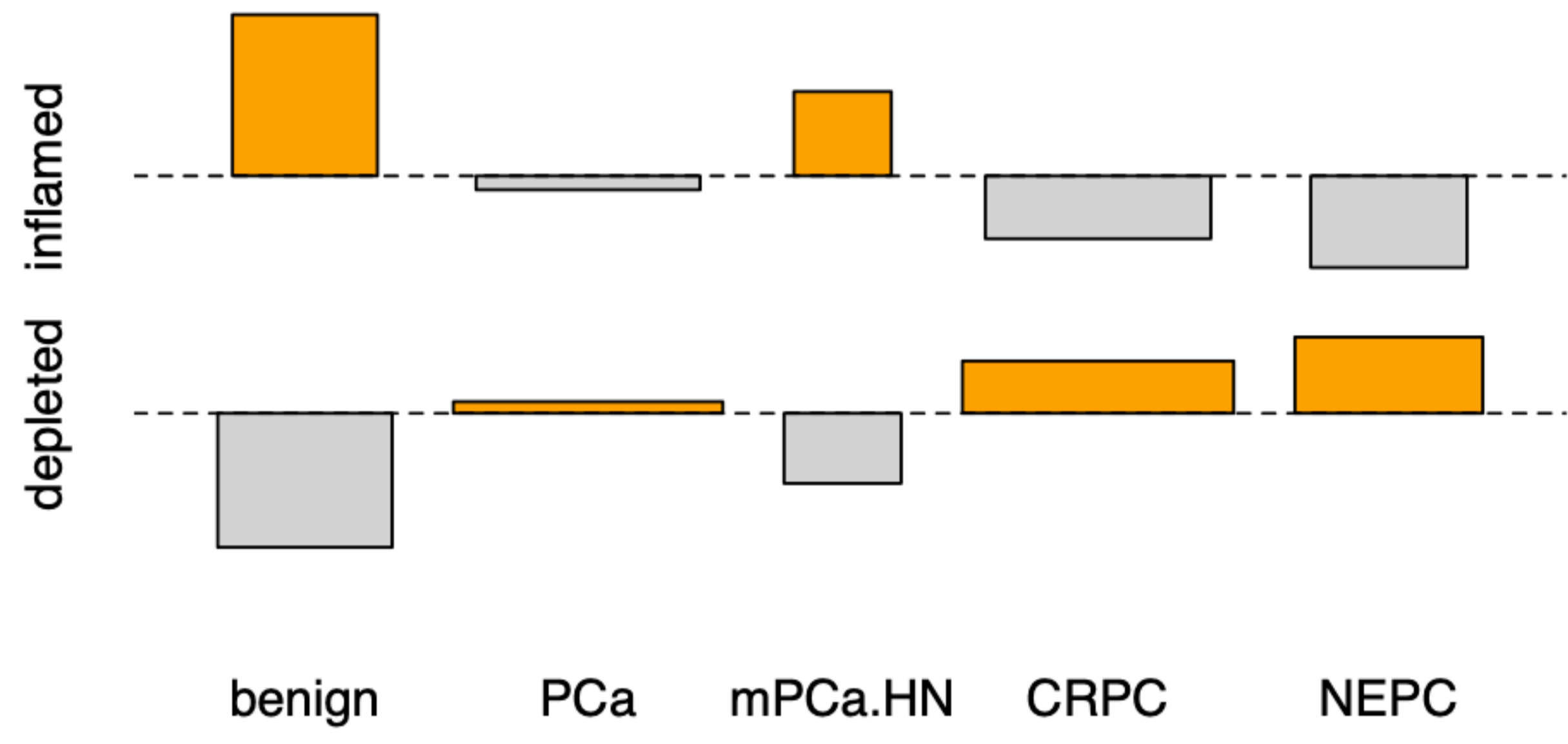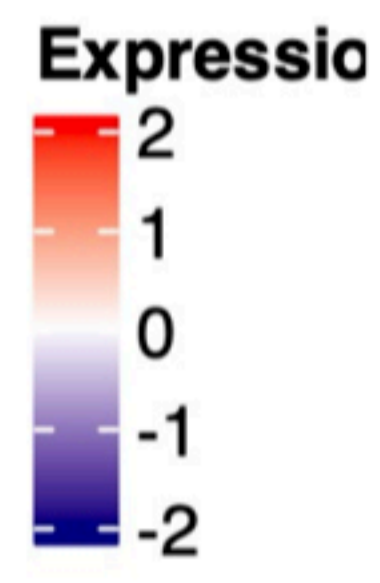**A)**

Residuals and number of observations
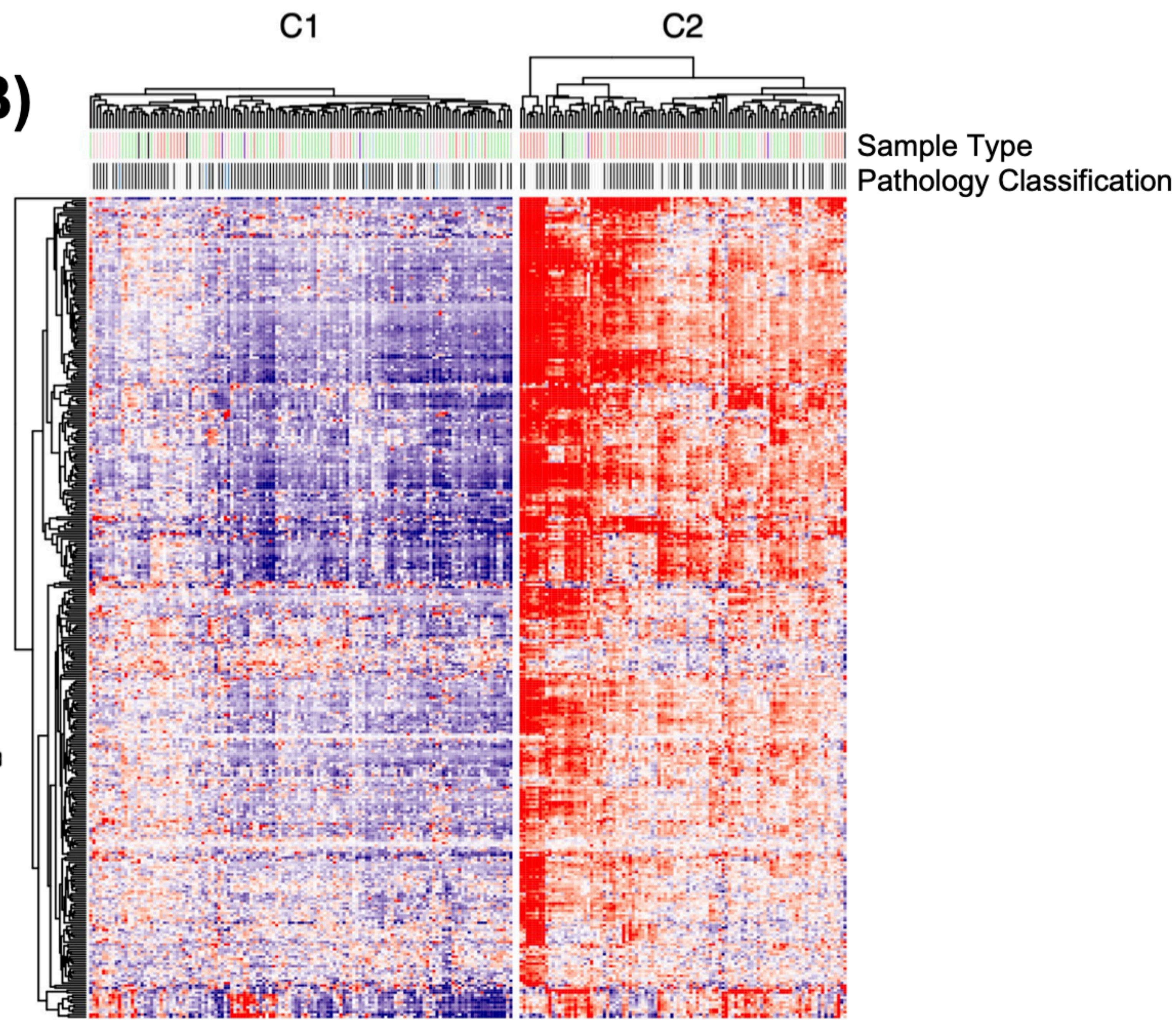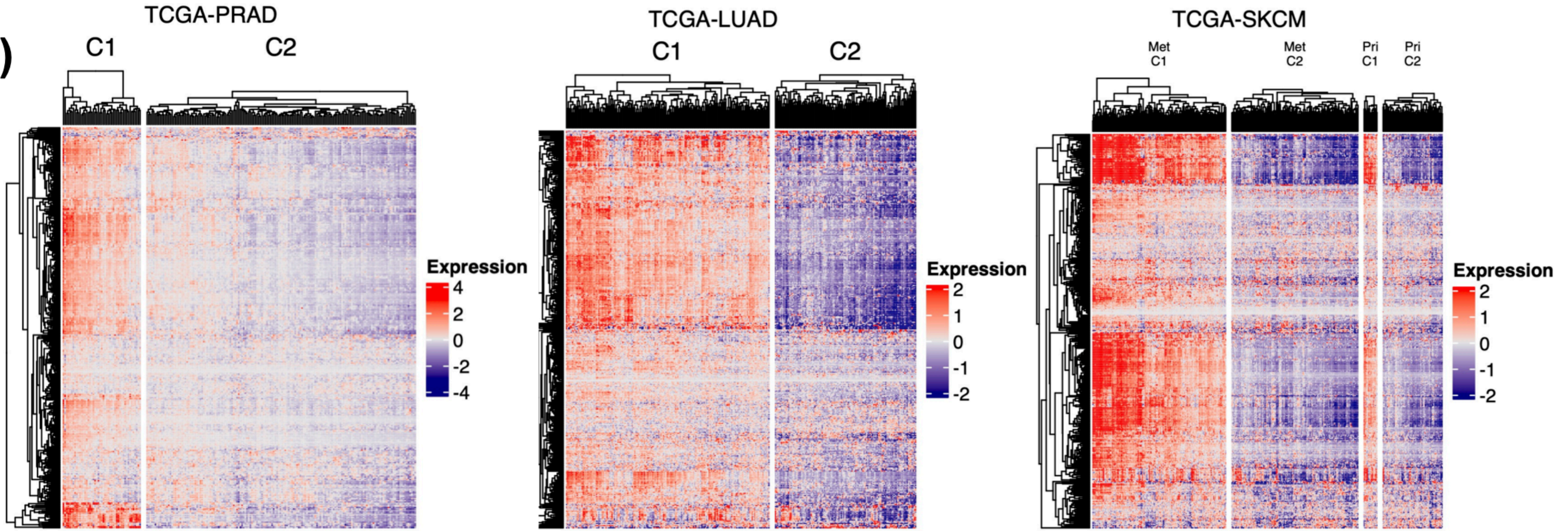**(X-squared = 20.4, df = 4, p-value = 0.00042)**

Pathology.Classification

- Adenocarcinoma
- Adenocarcinoma with NE features
- Inadequate for diagnosis
- Not available
- Small cell

B)

C)

TCGA-PRAD

TCGA-LUAD

TCGA-SKCM

Suppl Figure 2. T-cell signature-based classification of prostate cancer types and other independent cancer cohorts. A) Residuals plot for the Chi-squared test to show participation of prostate cancer diagnosis in T-cell inflamed versus depleted classes. B) Heatmap showing T-cell inflamed and depleted clusters identified by our signature in the SU2C prostate cancer cohort. C) Heatmap showing T-cell inflamed and depleted clusters identified by our signature in the TCGA cohorts for Prostate Adenocarcinoma (PRAD), Lung Adenocarcinoma (LUAD) and Melanoma (SKCM) cancers. Met is metastatic and pri is primary tumors.