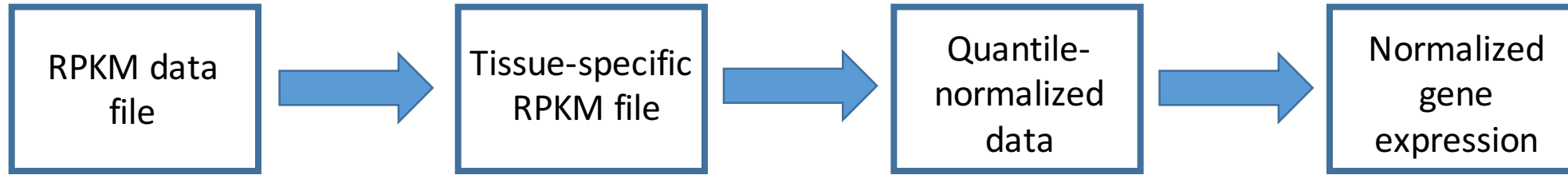


Gene Expression Normalization



Fully Processed Data

GTEX:

25268 genes in 96 samples (for Brain cortex specifically, but 9 other brain sub-regions also processed)

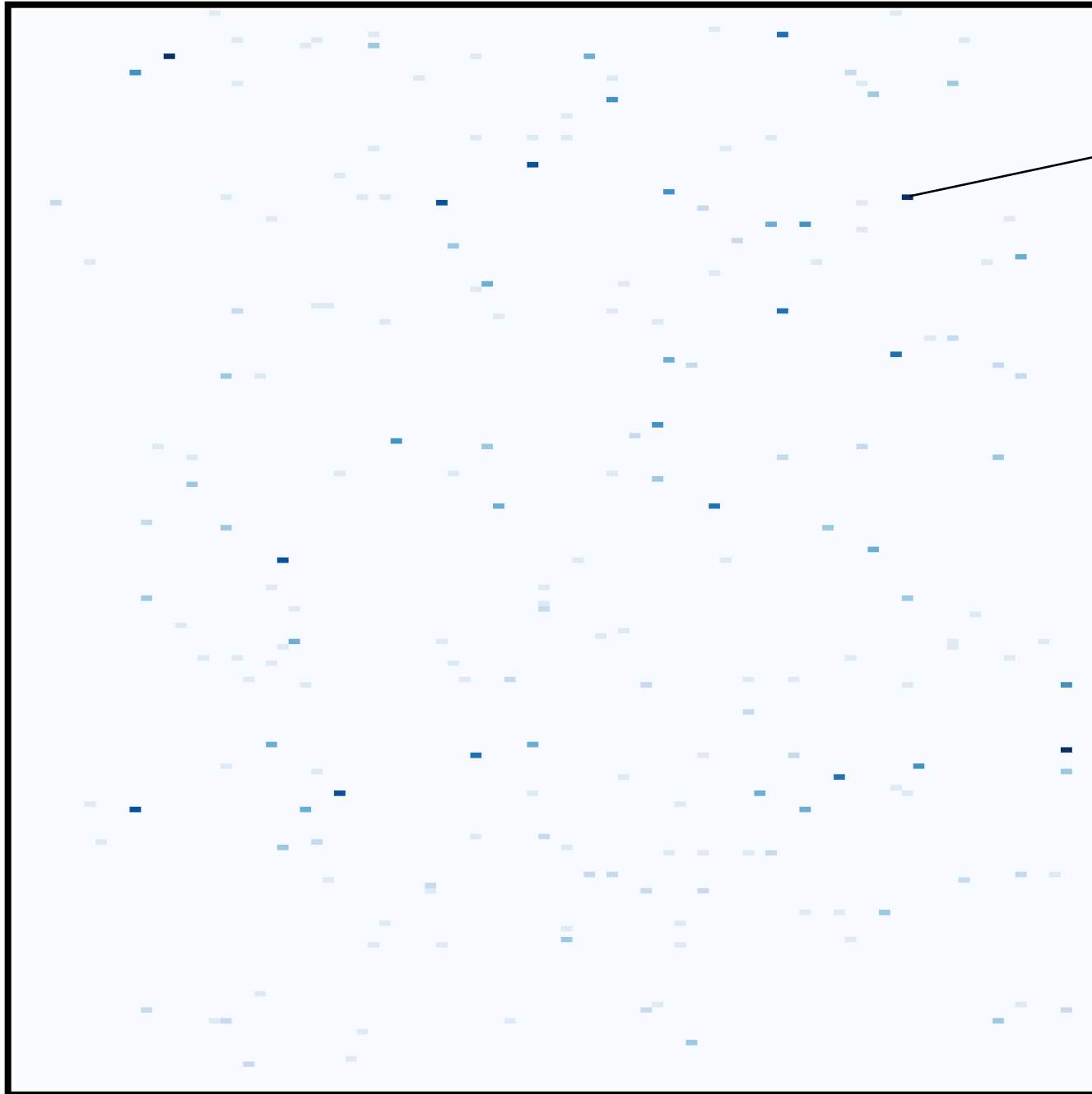
GVEX:

57820 genes in 430 samples

CMC:

57820 genes in 594 samples

Genes (200 shown)

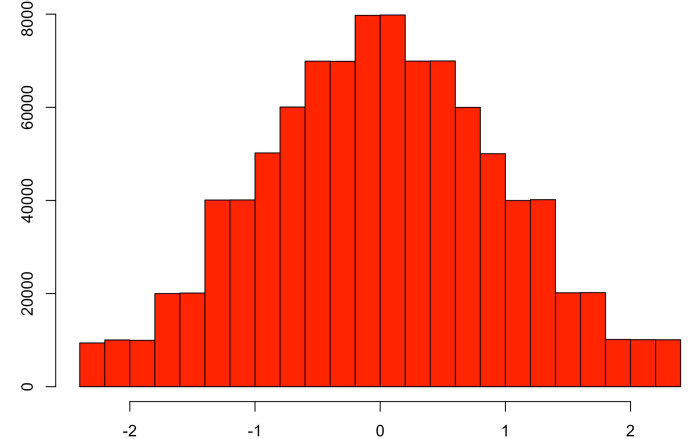
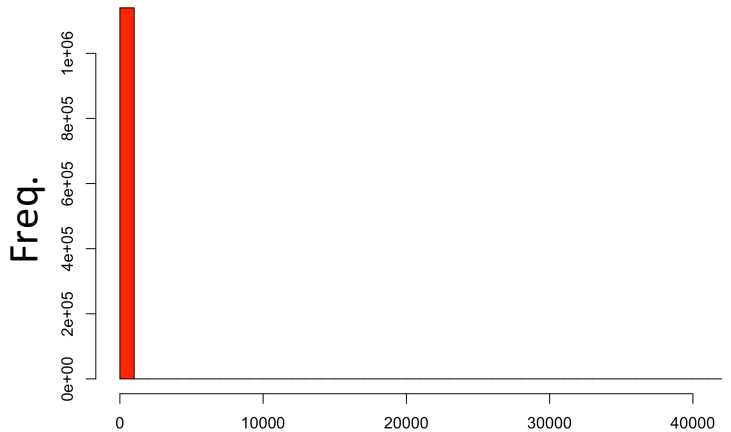


Samples (all 96)

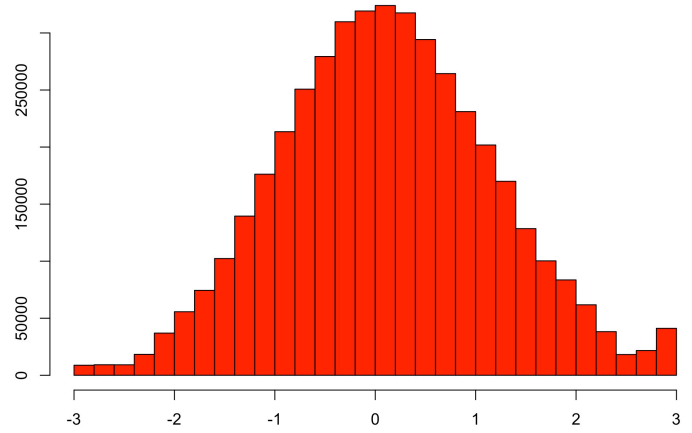
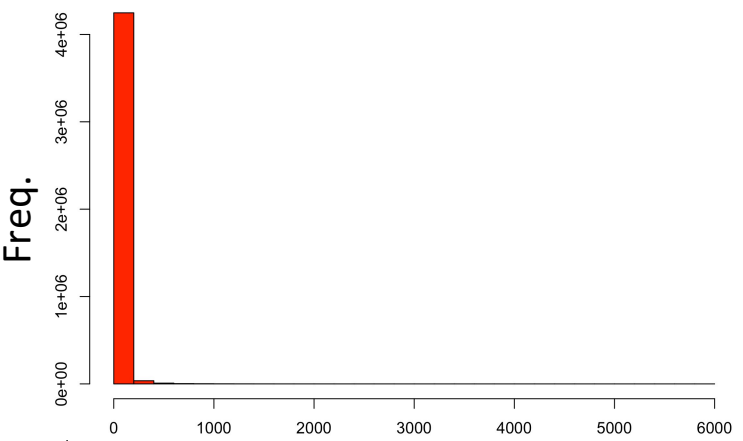
|fract_deviation|
= $\text{abs} \{ \text{gtex val} - \text{calculated val} / \text{calculated val} \}$

Max value in this heatmap: 180

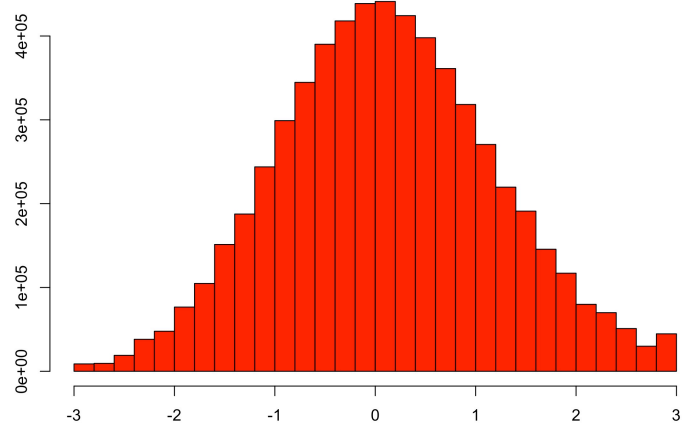
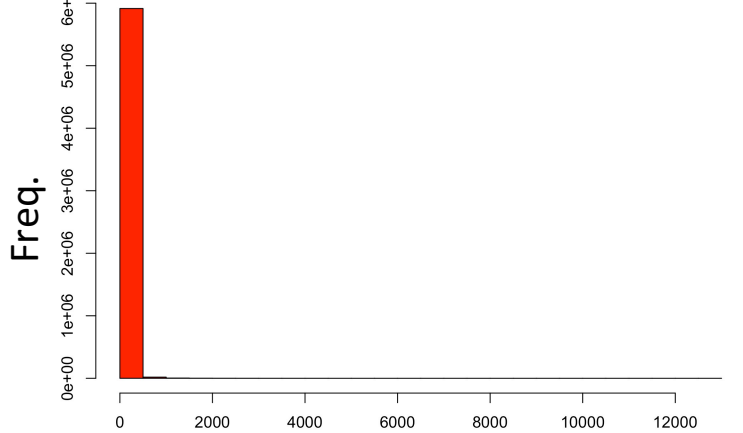
GTEX



GVEX



CMC



RPKM

Normalized expression