

A density plot showing the probability density function (PDF) of ES values. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0 to 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A vertical black line represents the 'Observed Gene Set ES value' at approximately 0.367. The area under the red curve to the right of the observed value is shaded in light red. Text labels on the x-axis indicate 'Neg. ES "NON.clus1"' for negative values and 'Pos. ES: "clus1"' for positive values. At the bottom, summary statistics are provided: ES = 0.367, NES = 1.24, Nom. p-val = 0.151, FWER = 0.98, and FDR = 1.

Heatmap visualization showing gene expression patterns across 100 samples, grouped into two clusters: **clus1** (samples 1-50) and **NON.clus1** (samples 51-100). The y-axis lists 100 genes, and the x-axis lists 100 samples. The color scale ranges from 0 (blue) to 1 (red), indicating expression levels.

Genes listed on the y-axis (from top to bottom):

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