

Figure 1: A plot showing the distribution of genes in the "clus3" cluster. The x-axis is "Gene List Index" (0 to 18283) and the y-axis is "Number of genes" (0 to 136). A blue line shows the cumulative distribution, with a "Zero crossing at 10068" and a "Peak at 12592". A green shaded area represents the "clus3" cluster, and a red shaded area represents the "NON.clus3" cluster. A vertical dashed line is at index 10068, and a vertical dotted line is at index 12592.

Gene Set Null Density

Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = -0.521 NES = -1.65 Nom. p-val= 0.046 FWER= 0.757 FDR= 0.662

Heatmap visualization showing gene expression data across 100 samples. The samples are grouped into two clusters: **clus3** (red) and **NON.clus3** (blue). The genes are grouped into two clusters: **clus3** (red) and **NON.clus3** (blue). The heatmap shows a clear pattern of gene expression, with genes in the **clus3** cluster showing higher expression in the **clus3** samples and lower expression in the **NON.clus3** samples.