

Figure 1 displays a multi-panel plot showing gene expression data for a specific gene set. The x-axis represents the Gene List Index, ranging from 0 to 17824 (total genes in list) and 32 (genes in the set). The y-axis represents Density.

The top panel shows a line plot of gene expression (blue line) across the Gene List Index. The expression starts high, drops sharply around index 9077, and then rises again. A horizontal dashed line indicates the zero crossing point. The middle panel shows a bar plot of gene expression (black bars) across the same index. The bottom panel is a density plot (green area) showing the distribution of gene expression. The x-axis is labeled "Gene List Index" and "Number of genes: 17824 (in list), 32 (in gene set)". The y-axis is labeled "Density".

Key features labeled in the plot include:

- Zero crossing at 9077
- Peak at 11673
- "clus1" (left side of the density plot)
- "NON.clus1" (right side of the density plot)

Gene Set Null Density

Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = -0.275 NES = -1.12 Nom. p-val= 0.311 FWER= 0.999 FDR= 1