

Figure 1 displays a multi-panel plot showing gene set enrichment analysis results. The x-axis represents the Gene List Index, ranging from 0 to 18113 (total number of genes in the list) and 65 (number of genes in the gene set).

The top panel shows the Enrichment Score (ES) curve (blue line). The curve starts near 0, decreases to a minimum at index 15759 (labeled "Peak at 15759"), and then increases sharply. A vertical green dotted line marks the "Zero crossing at 7862".

The middle panel shows the density of genes in the gene set (black vertical bars). The density is highest around the peak at index 15759.

The bottom panel shows the distribution of genes in the gene set (green area plot). The distribution is skewed towards the right, with a peak around index 15759. The area under the curve is labeled "clus2" and "NON.clus2".

Gene Set Null Density

Observed Gene Set ES value

Neg. ES "NON.clus2"

Pos. ES: "clus2"

ES

ES = -0.654 NES = -1.6 Nom. p-val= 0.0316 FWER= 0.918 FDR= 1

[illegible]