

Figure 1 displays a multi-panel plot illustrating gene set enrichment analysis results. The x-axis represents the Gene List Index, ranging from 0 to 17,824 (total number of genes in the list), with a subset of 52 genes in the gene set.

The top panel shows the Enrichment Score (ES) curve (red line). The curve starts at 0, rises to a peak at index 2,985 (labeled "Peak at 2985"), and then gradually declines, crossing zero at index 9,077 (labeled "Zero crossing at 9077"). A horizontal dashed line indicates the baseline ES level.

The middle panel displays vertical black bars representing the density of genes in the set, showing a prominent peak at index 2,985.

The bottom panel shows the cumulative distribution of the gene list index, represented by a green area plot. The area is labeled "clus1" on the left and "NON.clus1" on the right, indicating the distribution of genes in the cluster versus those not in the cluster.

[illegible]