

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 18,300 (total number of genes in the list) and 130 (number of genes in the gene set).

The top panel shows the Enrichment Score (ES) curve (blue line). The curve starts at a baseline, dips to a minimum around index 14,045, and then rises sharply to a peak at index 8,363. A green dashed vertical line marks the peak at 8,363, and a blue dotted vertical line marks the minimum at 14,045.

The middle panel shows a barcode of vertical black lines representing individual genes. The density of lines is higher in the region of the peak (around index 8,363) and lower in the region of the minimum (around index 14,045).

The bottom panel shows the probability of a gene being in the set (green area plot). The area is high for genes in the "clus3" cluster (index 0 to 8,363) and low for genes in the "NON.clus3" cluster (index 8,363 to 18,300).

