

Figure 1 displays a multi-panel plot showing gene expression data for the "cluser1" gene set. The x-axis represents the Gene List Index, ranging from 0 to 22,849 (Number of genes: 22849 (in list), 107 (in gene set)).

The top panel shows the expression level (blue line) across the gene list. A dashed horizontal line indicates the expression level of 1.0. Key features are marked: "Zero crossing at 10998" (indicated by a green vertical line) and "Peak at 15905" (indicated by a blue vertical line).

The middle panel shows the barcode plot, representing the number of genes with expression levels above 1.0 (black vertical lines).

The bottom panel shows the area plot, representing the number of genes with expression levels below 1.0 (green area). The area is labeled "cluser1" on the left and "NON.cluser1" on the right.

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -0.5 to 0.5. The y-axis is labeled 'P(ES)' and ranges from 0 to 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.2 and 0.2. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.31. The area under the red curve to the left of this line is shaded in light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus1"' for the left side and 'Pos. ES: "clus1"' for the right side. At the bottom, statistical values are provided: ES = -0.31, NES = -1.34, Nom. p-val= 0.138, FWER= 0.896, and FDR= 0.944.

[illegible]