

Figure 1 displays a multi-panel plot showing gene expression data for cluster 4. The x-axis represents the Gene List Index, ranging from 0 to 17824. The y-axis represents the Number of genes: 17824 (in list), 84 (in gene set).

The top panel shows a blue line plot representing the number of genes in cluster 4. The line starts at approximately 17824 genes at index 0, decreases to a minimum of 84 genes at index 11897, and then increases back to approximately 17824 genes at index 17824. A horizontal dashed line is at y=17824. A green vertical line marks the zero crossing at index 9125, and a blue vertical line marks the peak at index 11897.

The middle panel shows a barcode of vertical lines representing the number of genes in cluster 4 for each gene in the list. The bottom panel shows a green area plot representing the number of genes in cluster 4 for each gene in the list.

Labels on the plot include:

- Zero crossing at 9125
- Peak at 11897
- "clus4"
- "NON.clus4"

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 1.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.4 and 0.5. A vertical black line represents the 'Observed Gene Set ES value' at approximately -0.473. The area to the left of this line is labeled 'Neg. ES "NON.clus4"' and the area to the right is labeled 'Pos. ES: "clus4"'. Below the x-axis, the following text is displayed: ES = -0.473 NES = -1.25 Nom. p-val= 0.301 FWER= 0.993 FDR= 1.

[illegible]