

Figure 1 displays a multi-panel plot showing gene expression data for 18,170 genes. The x-axis for all panels is the "Gene List Index" (0 to 18,170).

- Top Panel:** A blue line graph showing the log₂(RPKM) expression level across the gene list. A dashed horizontal line indicates the zero level. A green vertical line marks the "Zero crossing at 8325", and a blue vertical line marks the "Peak at 11801".
- Middle Panel:** A barcode plot showing the expression level of individual genes as vertical lines of varying heights.
- Bottom Panel:** A green area plot showing the distribution of genes. The area is labeled "clus2" on the left and "NON.clus2" on the right, indicating the separation of genes into two clusters.

Number of genes: 18170 (in list), 96 (in gene set)

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 5. 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 = -0.248. 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.clus2"' for the left tail and 'Pos. ES: "clus2"' for the right tail. At the bottom, statistical values are provided: ES = -0.248, NES = -1.16, Nom. p-val = 0.262, FWER = 0.998, and FDR = 1.

[illegible]