

Figure 1 displays the distribution of genes in the "clus3" cluster. The plot shows the "clus3" membership score (blue line) across the Gene List Index (0 to 18,169). The score starts high, decreases to a minimum around index 15,518, and then rises sharply. A green dashed line marks the "Zero crossing at 10414" and a blue dashed line marks the "Peak at 15518". The middle panel shows a barcode of vertical lines representing the presence of genes in the cluster. The bottom panel is a green area plot showing the density of genes in the cluster, with a sharp peak at the beginning and a smaller peak at the end. The x-axis is labeled "Gene List Index" and "Number of genes: 18169 (in list), 114 (in gene set)".

A density plot showing the probability density function (PDF) of ES values. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 3.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.454. 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.clus3"' for the left side and 'Pos. ES: "clus3"' for the right side. At the bottom, a summary of statistics is provided: ES = -0.454, NES = -1.54, Nom. p-val = 0.0827, FWER = 0.974, and FDR = 0.237.

[illegible]