

Figure 1 displays the distribution of genes in the *clus1* cluster. The top panel shows the number of genes in *clus1* (red line) versus the Gene List Index (0 to 18113). The distribution peaks at 5193 (Peak at 5193) and crosses zero at 10828 (Zero crossing at 10828). The middle panel shows the distribution of genes in *clus1* (green area) versus the Gene List Index. The distribution is highly skewed, with a sharp drop at 10828. The bottom panel shows the distribution of genes in *clus1* (green area) versus the Gene List Index, with labels for "clus1" and "NON.clus1".

This density plot shows the distribution of ES values for the 'NON.clus1' gene set. 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 to 3. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.25 and 0.25. A vertical black line at ES = 0.43 represents the 'Observed Gene Set ES value'. The observed value is in the positive tail of the distribution. Below the x-axis, the text 'Neg. ES "NON.clus1"' is on the left and 'Pos. ES: "clus1"' is on the right. At the bottom, summary statistics are provided: ES = 0.43, NES = 1.49, Nom. p-val = 0.0398, FWER = 0.868, and FDR = 0.206.

[illegible]