

Figure 1 displays the distribution of genes in the "cluser" gene set. The plot shows the "cluser" score (Y-axis) versus the Gene List Index (X-axis, ranging from 0 to 18,646). The score starts at approximately 0.5, fluctuates, and then generally decreases, crossing zero at index 9,167 (marked by a green vertical line). It reaches a minimum around index 15,951 (marked by a blue vertical line) and then increases sharply to approximately 0.5 at the end. The bottom panel shows the distribution of genes in the "cluser" set, with a large peak at index 0 and a smaller peak at index 18,646. The x-axis is labeled "Gene List Index" and "Number of genes: 18646 (in list), 32 (in gene set)".

A density plot showing the distribution 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 2.5. 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 = -0.461. The area under the red curve to the left of this line is shaded gray. 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, a summary of statistics is provided: ES = -0.461, NES = -1.49, Norm. p-val = 0.0929, FWER = 0.874, and FDR = 1.

ES = -0.461 NES = -1.49 Norm. p-val = 0.0929 FWER = 0.874 FDR = 1

[illegible]