

Figure 1 displays the distribution of gene lists across clusters. The top panel shows the number of gene lists (red line) versus the Gene List Index (0 to 18,361). The distribution peaks at 1368 and crosses zero at 8936. The middle panel shows the barcode of gene lists, with vertical lines representing individual gene lists. The bottom panel shows the distribution of gene lists across clusters, with the area under the curve representing the number of gene lists in each cluster. The distribution is labeled "clus1" and "NON.clus1".

A density plot showing the distribution of ES values for two gene sets. 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 a bimodal distribution with peaks at approximately -0.25 and 0.25. A black horizontal line represents the 'Observed Gene Set ES value' at ES = 0.625. The area under the red curve to the left of the observed value is shaded light blue and labeled 'Neg. ES "NON.clus1"'. The area under the red curve to the right of the observed value is shaded light red and labeled 'Pos. ES: "clus1"'. Below the x-axis, the following statistics are listed: ES = 0.625, NES = 2.02, Nom. p-val= 0, FWER= 0.042, FDR= 0.0104.

[illegible]