

Figure 1: A plot showing the number of genes in a set versus the Gene List Index. The x-axis ranges from 0 to 17,824. The y-axis represents the number of genes. A blue line shows the cumulative count of genes, which decreases from 17,824 at index 0 to a minimum of 28 at index 13,471, and then increases back to 17,824 at index 17,824. A green vertical line marks the 'Zero crossing at 8790' and a blue vertical line marks the 'Peak at 13471'. The area under the blue line is shaded green, with the region from index 0 to 8790 labeled "clus1" and the region from index 8790 to 17,824 labeled "NON.clus1".

The figure is a density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from approximately -0.8 to 0.8. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.4 and 0.3. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.517. 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.clus1"' for the left side and 'Pos. ES: "clus1"' for the right side. Below the x-axis, the following statistics are provided: ES = -0.517, NES = -1.53, Nom. p-val = 0.079, FWER = 0.978, and FDR = 1.

[illegible]