

Figure 1: A plot showing the number of genes in the top 1000 clusters versus the Gene List Index. The x-axis is labeled "Gene List Index" and ranges from 0 to 17824. The y-axis is labeled "Number of genes" and ranges from 0 to 17824. A blue line represents the number of genes in the top 1000 clusters, which starts at 17824, decreases to a minimum of 66 at index 15258, and then increases back to 17824. A green vertical dashed line marks the "Zero crossing at 8216". A blue vertical dotted line marks the "Peak at 15258". A green shaded area at the bottom represents the number of genes in the top 1000 clusters, which is 17824 for the "clus4" cluster and 66 for the "NON.clus4" cluster. The plot is labeled "clus4" and "NON.clus4".

A density plot showing the distribution of ES values for two gene sets. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 1.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.5 and 0.4. A black vertical line at ES = -0.766 represents the 'Observed Gene Set ES value'. The area under the red curve to the left of this line is shaded light red. Text labels indicate 'Neg. ES "NON.clus4"' for the left peak and 'Pos. ES: "clus4"' for the right peak. At the bottom, a summary line reads: 'ES = -0.766 NES = -1.55 Nom. p-val= 0.0308 FWER= 0.958 FDR= 1'.

[illegible]