

Figure 1: A plot showing the number of genes in the set of genes that are in the same cluster as a given gene. The x-axis is 'Gene List Index' (0 to 17824) and the y-axis is 'Number of genes in the set of genes that are in the same cluster as a given gene' (0 to 17824). The plot shows a blue line representing the number of genes in the set, which starts at 17824 and decreases to a minimum of 32 at index 13176, then increases back to 17824. A green vertical line marks the 'Zero crossing at 9540' and a blue vertical line marks the 'Peak at 13176'. The area under the blue line is shaded green. The plot is labeled 'clus7' and 'NON.clus7'.

The figure is a density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from approximately -1.0 to 0.8, with major ticks at -0.5, 0.0, and 0.5. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.0, with major ticks at 0.0, 0.5, 1.0, 1.5, and 2.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.2 and 0.3. A vertical black line represents the 'Observed Gene Set ES value' at approximately -0.6. The area under the red curve to the left of this line is shaded in light blue. Text labels 'Neg. ES "NON.clus7"' and 'Pos. ES: "clus7"' are placed below the x-axis on the left and right sides, respectively. At the bottom of the plot, the following statistics are listed: ES = -0.603, NES = -1.71, Nom. p-val= 0.0218, FWER= 0.744, and FDR= 0.339.

[illegible]