

Figure 1: A plot showing the number of genes in the "clus3" gene set as a function of the gene list index. The x-axis is "Gene List Index" (0 to 17824) and the y-axis is "Number of genes" (0 to 41). A blue line represents the number of genes in the "clus3" set, which starts at 41, decreases to a minimum of 1 at index 7635, and then increases back to 41 at index 17824. A green vertical line marks the "Zero crossing at 7635" and a blue vertical line marks the "Peak at 9442". A green shaded area at the bottom represents the "clus3" set, and a blue shaded area at the top represents the "NON.clus3" set. The plot is divided into two regions: "clus3" (left) and "NON.clus3" (right).

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 to 4. 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 = -0.402. 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.clus3"' for negative values and 'Pos. ES: "clus3"' for positive values. At the bottom, statistical values are provided: ES = -0.402, NES = -1.39, Nom. p-val= 0.166, FWER= 0.995, and FDR= 1.

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