

Figure 1: A plot showing the number of genes in the "clus2" cluster as a function of the Gene List Index. The x-axis is labeled "Gene List Index" and ranges from 0 to 18,113. The y-axis represents the number of genes. A blue line shows the cluster size, which starts at 18,113, decreases to a minimum of 35 at index 12,973, and then increases back to 18,113. A green shaded area at the bottom represents the "NON.clus2" region. Vertical dashed lines mark the "Zero crossing at 7260" and the "Peak at 12973". The plot is labeled "clus2" and "NON.clus2".

A density plot showing the probability density function (PDF) 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 0.0 to 3.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.28 and 0.28. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.45. 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.clus2"' for the left side and 'Pos. ES: "clus2"' for the right side. At the bottom, a summary of statistics is provided: ES = -0.45, NES = -1.44, Nom. p-val= 0.083, FWER= 0.933, and FDR= 0.181.

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[illegible]