

Figure 1: A plot showing the distribution of the number of genes in the gene set. The x-axis is 'Gene List Index' (0 to 18646) and the y-axis is 'Number of genes: 18646 (in list), 70 (in gene set)'. A blue line represents the distribution, which is mostly flat but has a sharp peak at index 16631. A green vertical line marks the 'Zero crossing at 8724'. A red vertical line marks the 'Peak at 16631'. The area under the curve is shaded green. 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 approximately -0.8 to 0.8. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.3 and 0.4. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.578. 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 = -0.578, NES = -1.55, Nom. p-val = 0.0354, FWER = 0.962, and FDR = 1.

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[illegible]