

Figure 1 is a plot showing the distribution of the number of genes in a gene set. The x-axis is labeled "Gene List Index" and ranges from 0 to 18300. The y-axis is labeled "Number of genes: 18300 (in list), 106 (in gene set)". A red line represents the distribution, which starts at 0, rises sharply to a peak at 1333, and then gradually decreases, crossing the zero line at 8529. A green shaded area represents the "clus2" distribution, and a black shaded area represents the "NON.clus2" distribution. The plot also includes a vertical dotted red line at 1333 and a vertical dotted green line at 8529.

A density plot showing the probability density function (P(ES)) 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 -0.2 and 0.25. A vertical black line represents the 'Observed Gene Set ES value' at approximately 0.484. The area to the left of the line is labeled 'Neg. ES "NON.clus2"' and the area to the right is labeled 'Pos. ES: "clus2"'. Below the x-axis, the following statistics are provided: ES = 0.484, NES = 1.71, Nom. p-val= 0.00826, FWER= 0.509, FDR= 0.116.

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