

Figure 1: A plot showing the distribution of the number of genes in the gene set across the gene list index. The x-axis is 'Gene List Index' (0 to 18283) and the y-axis is 'Number of genes' (-0.8 to 0.2). A blue line represents the cumulative distribution function (CDF) of the number of genes in the gene set. A green vertical line marks the 'Zero crossing at 8412' and a blue vertical line marks the 'Peak at 10578'. A green shaded area at the bottom represents the density of the gene set. The plot is labeled 'clus4' and 'NON.clus4'.

A density plot showing the distribution of ES values for two gene sets. 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 3. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.2 and 0.2. A vertical black line at ES = -0.308 represents the 'Observed Gene Set ES value'. The area to the left of this line is labeled 'Neg. ES "NON.clus4"' and the area to the right is labeled 'Pos. ES: "clus4"'. Below the x-axis, the following text is displayed: ES = -0.308 NES = -1.36 Norm. p-val= 0.177 FWER= 0.997 FDR= 1.

[illegible]