

Figure 1: A plot showing the distribution of the number of genes in the clus4 cluster across the gene list index. The x-axis is 'Gene List Index' (0 to 15000). The y-axis is 'Number of genes' (0 to 18000). A red line shows the number of genes in the clus4 cluster, which peaks at 5664 (indicated by a red dotted line) and crosses zero at 9125 (indicated by a green dotted line). A green shaded area represents the distribution of genes in the clus4 cluster, which is highest at the beginning and decreases towards the end. A black dashed line is at y=18000. The plot is labeled 'clus4' and 'NON.clus4'.

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from approximately -0.8 to 0.8, with major ticks at -0.5, 0.0, and 0.5. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 1.5, with major ticks at 0.0, 0.5, 1.0, and 1.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.3 and 0.3. A vertical black line represents the 'Observed Gene Set ES value' at ES = 0.43. The area under the red curve to the right of this line is shaded in light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus4"' on the left and 'Pos. ES: "clus4"' on the right. At the bottom, a text box contains the following information: ES = 0.43 NES = 1.16 Nom. p-val= 0.342 FWER= 0.993 FDR= 1.

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