

Figure 1: A plot showing the distribution of the number of genes in the gene set for each gene in the list. The x-axis is 'Gene List Index' (0 to 17824) and the y-axis is 'Number of genes in the gene set' (0 to 61). A blue line represents the distribution, which is mostly flat at 61 but has a sharp peak at index 15679. A green shaded area represents the 'clus4' cluster, which is mostly flat at 61 but has a sharp peak at index 8216. A red shaded area represents the 'NON.clus4' cluster, which is mostly flat at 61 but has a sharp peak at index 15679. Vertical dashed lines mark the zero crossing at 8216 and the peak at 15679.

A density plot showing the distribution of ES values for two gene sets. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 1.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.5 and 0.5. A vertical black line at ES = -0.719 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 = -0.719 NES = -1.48 Nom. p-val= 0.0416 FWER= 0.983 FDR= 1.

[illegible]