

Figure 1 displays a multi-panel plot showing the relationship between the Gene List Index (X-axis, ranging from 0 to 17976) and various metrics.

The top panel shows a red line representing a metric (likely a correlation or enrichment score) that starts near 0, rises sharply to a peak of approximately 0.35 at index 2539, and then gradually declines, crossing the zero line at index 9208. A dashed horizontal line is drawn at y=0.

The middle panel shows a barcode plot where vertical lines represent the presence of specific gene sets. The density of lines is highest at low Gene List Index values and decreases as the index increases.

The bottom panel shows a green area plot representing the proportion of genes in the "clus4" cluster. The proportion starts at 1.0 (at index 0) and decreases rapidly, approaching 0.0 as the Gene List Index increases. The area is labeled "clus4" near the origin and "NON.clus4" near the end of the x-axis.

Key annotations include:

- Peak at 2539
- Zero crossing at 9208

Gene List Index

Number of genes: 17976 (in list), 99 (in gene set)

The figure is a density plot showing the probability density function (PDF) of ES values. The x-axis is labeled 'ES' and ranges from -0.5 to 0.5. The y-axis is labeled 'P(ES)' and ranges from 0 to 5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 (height ~3.7) and 0.25 (height ~3.1). A vertical black line at ES = 0.37 represents the 'Observed Gene Set ES value'. The plot is annotated with 'Neg. ES "NON.clus4"' on the left and 'Pos. ES: "clus4"' on the right. Below the x-axis, the following statistics are provided: ES = 0.37, NES = 1.59, Nom. p-val = 0.0163, FWER = 0.917, and FDR = 0.146.

[illegible]