

Figure 1: A multi-panel plot showing the relationship between gene list index and various metrics. The top panel shows a red line graph of the 'Number of genes in the list' (y-axis, 0 to 18646) versus 'Gene List Index' (x-axis, 0 to 18646). The line starts at 18646, dips, then rises to a peak of 18646 at index 6086, and then decreases to 0 at index 8788. A red dotted vertical line marks the peak at 6086, and a green dotted vertical line marks the zero crossing at 8788. The middle panel shows a barcode of vertical black lines representing the 'Number of genes in the gene set' (y-axis, 0 to 74) versus 'Gene List Index' (x-axis, 0 to 18646). The bottom panel shows a green area plot of the 'Number of genes in the gene set' (y-axis, 0 to 74) versus 'Gene List Index' (x-axis, 0 to 18646). The area is labeled 'clus4' on the left and 'NON.clus4' on the right. The x-axis is labeled 'Gene List Index' and 'Number of genes: 18646 (in list), 74 (in gene set)'.

Gene Set Null Density

Observed Gene Set ES value

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.317 NES = 1.52 Nom. p-val = 0.0932 FWER = 0.973 FDR = 0.878

[illegible]