

Figure 1 displays the distribution of gene lists by the number of genes in the set. The top panel shows the number of gene lists (y-axis, 0 to 1000) versus the number of genes in the set (x-axis, 0 to 17976). The curve peaks at 3015 genes and crosses zero at 9208 genes. The middle panel shows a barcode of vertical lines representing the number of gene lists for each gene count. The bottom panel is a green area plot showing the distribution of gene lists by the number of genes in the set, with labels "clus4" and "NON.clus4".

Gene Set Null Density

Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.704 NES = 1.53 Nom. p-val= 0.032 FWER= 0.96 FDR= 0.169

Heatmap visualization showing gene expression patterns across two clusters: **clus4** and **NON.clus4**. The y-axis lists genes, and the x-axis represents individual samples. The color scale ranges from blue (low expression) to red (high expression).

clus4

NON.clus4

Gene list (Y-axis):

- Class
- IL12
- FLT3
- CD33
- CD19
- CD30
- IL1R1
- THPO
- ITGA2
- CD2
- CD3E
- CD33
- CD38
- ITGAM
- MSA1
- CSF2RA
- CD37
- CD1E
- CSF3R
- CD88
- CD150
- IL7R
- CSF3
- CD7
- IL1B
- CR1
- CDBA
- ANPEP
- CD55
- TN
- CSF1R
- FCBTLA
- IL2RA
- CR2
- MME
- HLA-DRA
- IL4R
- CD14
- HLA-DRA
- HLA-DRE1
- IL6
- CD4
- CD1A
- FCER2
- TRFC
- IL6
- CSF3
- CD30
- ITGA1
- FLT3LG
- IL3RA
- ITGA2B
- CD5
- ITGA5
- CD1D
- CD3
- EPOR
- CD38
- GPS
- CD38
- KITLG
- ITGA4
- CD34
- GP9
- IL11RA
- IL7
- IL1A
- GVPA
- ITGA5
- IL11
- MT
- IL3RA
- GP1BA
- IL9R
- CD44
- ITGA6
- EPD
- TPO
- ITGB3