

Figure 1: A multi-panel plot showing the distribution of genes in the "clus2" and "NON.clus2" sets. The top panel is a line plot of the number of genes versus Gene List Index, showing a sharp peak at index 16403. The middle panel shows a barcode of vertical lines representing gene sets. The bottom panel shows a green shaded area representing the distribution of genes in the "clus2" set, with a sharp peak at index 16403. The x-axis is labeled "Gene List Index" and "Number of genes: 18565 (in list), 79 (in gene set)".

ES = -0.727 NES = -1.63 Nom. p-val= 0.00194 FWER= 0.682 FDR= 0.0968

Heatmap visualization showing gene expression data across two clusters: **clus2** and **NON.clus2**. The y-axis lists 100 genes, and the x-axis represents individual samples. The color scale ranges from blue (low expression) to red (high expression).

Genes (Y-axis):

- CD88
- CD22
- IL11RA
- ITGA2B
- LESA
- KIT
- EPOR
- IL5
- EPOR
- GP5
- IL11
- ITGA6
- CD18
- GP1BA
- CAS2
- GP8
- KITLG
- FLT3
- IL1R1
- THPO
- MME
- IL1R2
- CD9
- CD4
- ITGA3
- ITGA1
- CD59
- IL8R
- IL1A
- TPO
- TFR2
- CD59
- FCER2
- ITGA2
- CSF2
- CD68
- CD44
- CR1
- ITGA5
- CD1D
- CD4
- CSF1
- CD38
- CSF3R
- HLA-DRA
- ITGB3
- IL6
- CD14
- CD38
- IL6
- FLT3LG
- CD1A
- IL3RA
- TN
- ITGA4
- CSF1R
- IL1R
- HLA-DRB1
- CD1B
- ANPEP
- CD1C
- CD1E
- CD37
- CD30
- HLA-DRB5
- MSHA1
- ITGAM
- CD6A
- IL2RA
- IL7
- CD33
- CSF2RA
- FCGR1A
- CD7
- CD8
- IL7R
- CD3E
- CD2
- CD3D