

Figure 1: A plot showing the distribution of genes in the 'clus4' cluster. The x-axis is 'Gene List Index' (0 to 18748) and the y-axis is 'Number of genes' (0 to 82). A red line shows the cumulative distribution, peaking at 4491 (Peak at 4491) and crossing zero at 10241 (Zero crossing at 10241). A green shaded area represents the 'clus4' cluster, and a black shaded area represents the 'NON.clus4' cluster. A dashed horizontal line is at y=82.

A density plot showing the distribution of ES values for two gene sets. The x-axis is labeled 'ES' and ranges from approximately -0.8 to 0.8. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.0. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.4 and 0.3. A vertical black line at ES = 0.533 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 plot, the following statistics are provided: ES = 0.533, NES = 1.42, Nom. p-val = 0.118, FWER = 0.968, and FDR = 0.206.

clus4 **NON.clus4**

Class

RELN
THBS4
ITGA8
ITGA9
COMP
SV2B
TNXB
GP1BA
ITGA7
COL4A4
TNF
ITGA10
LAMA2
ITGB3
ITGB7
SV2A
ITGA4
GPR
CD38
CHAD
COL4A1
TNF
ITGA1
COL4A3
SDC2
THBS1
ITGA11
ITF
THBS3
LAMA1
SDC1
FN1
COL11A2
LAMB2
COL6A2
THBS2
COL6A3
HSPG2
ITGA2B
COL3A1
ITGA7
COL4A2
COL6A1
COL1A2
LAMC1
COL11A1
COL5A1
CD4
LAMA1
TNF
COL1A1
LAMB1
COL4A1
COL5A2
SV2C
ITGB8
ITGB1
GPR
ITGA2
DAG1
ITGB5
ITGA5
LAMA5
LAMB4
CD47
GPR
SDC4
COL3A2
AGRN
ITGA6
GPR
HMR
ITGB4
SDC1
ITGB1
COL2A1
LAMB3
ITGA3
LAMC2
BSP
LAMA3
LAMC3