

Figure 1: A multi-panel plot showing the relationship between gene list index and various metrics. The top panel shows a blue line representing a metric (likely log-odds) that decreases from 0.0 to approximately -0.6 at index 7620, then increases sharply to 0.0 at index 16380. The middle panel shows a barcode of vertical lines representing gene sets. The bottom panel shows a green shaded area representing the probability of a gene set being in 'clus4' (left) or 'NON.clus4' (right). The x-axis is labeled 'Gene List Index' and 'Number of genes: 18090 (in list), 74 (in gene set)'.

ES = -0.569 NES = -1.67 Nom. p-val = 0.0205 FWER = 0.839 FDR = 1

Heatmap visualization showing gene expression profiles across two clusters: **clus4** and **NON.clus4**. The y-axis lists 100 genes, and the x-axis represents the expression data for these genes across the two clusters. The color scale ranges from blue (low expression) to red (high expression).

Genes listed on the y-axis (from top to bottom):

- Class
- VAV3
- NFAT5
- VAV2
- NFATC2
- SOS1
- PIK3C2
- NRAS
- GSK3B
- PIK3R1
- PIK3CA
- SOS2
- PPP1R1
- GRB2
- INPP4B
- NRAS
- RAC1
- RELA
- JUN
- PTNN3
- PPP1CA
- CARD11
- C28H1
- PIK3R2
- BC1L1
- CHUK
- PPP1R1
- WALY1
- MAP3K2
- IKBKB
- NFKBIE
- NFKBIE
- NRAS
- PPP1R1
- MAPK1
- NFIB
- NFATC3
- LYN
- RASGRP3
- MAP2K1
- ITIM
- AKT2
- RAF1
- IKBKG
- AKT3
- NFKBIA
- BLNK
- AKT1
- GIP
- MAP3K
- FOS
- NFATC4
- AVI1
- PIK3R3
- NFATC1
- PLCG2
- PIK3AP1
- GRB2
- PIK3CD
- RAC3
- C17orf2
- LILRB3
- CD74
- DAB2IP
- FOXP2
- CD79A
- CD19
- PIK3R5
- PIK3CG
- QSOX
- BTX
- PRKCB