

Figure 1 displays a multi-panel plot illustrating gene expression data and gene set analysis across a Gene List Index (0 to 17,728).

The top panel shows a red line plot representing a signal (likely gene expression) over the Gene List Index. The signal starts at a baseline, rises to a peak at index 4663, and then gradually declines, crossing the baseline at index 10017. A horizontal dashed line indicates the baseline level.

The middle panel shows a barcode of vertical black lines representing gene sets. A dense cluster of lines is visible around index 4663, corresponding to the peak in the red line plot. The text "Peak at 4663" and "Zero crossing at 10017" are annotated on this panel.

The bottom panel is a stacked area chart showing the distribution of genes in two sets: "clus4" (dark green) and "NON.clus4" (light green). The "clus4" set is concentrated at the beginning of the gene list (low index), while the "NON.clus4" set is concentrated at the end of the gene list (high index). The x-axis for all panels is "Gene List Index" ranging from 0 to 17,728.

Number of genes: 17728 (in list), 83 (in gene set)

clus4 **NON.clus4**

Class

ITGA9
EGFR
SCN7A
SCN3B
ANKK
LAMA1
WCAM1
ANK1
NRP2
DLG3
SPTB
LTCAM
SCN3B
RPS8KA2
LAMB1
CD24
SCN3B
DNM1
ITGAM
ITGA2
CNTN1
CNTN2
DPTSL2
CNTNAP1
KCC1
SPTBN2
RPS8KA5
MSN
ITGB1
KCNQ3
SCN8A
SPTBN3
ITGA2B
NRP1
SPTA1
EZR
SHKL
ITGB1
PRK
RPS8KA5
SCN4
EGFR
NECAN
SPTBN4
LINC
KIAA1598
CNTN6
MAPK3
MAPK2
RPS8KA1
MAP2K1
ITGA5
SDCBP1
PRK1
RAC1
DNM2
ITGA1
AP2A2
AP2M1
AP2B1
NUMB
CENCA1
SPTBN1
CENCA2
MAP2K2
CLTC
SPTAN1
AP2B1
CLTA
AP2A1
RANBP9
MAPK1
STP1
ROK
ALCAM
DLG1
RPS8KA3
CSNK2B
NCAN
SCN2A
KIF4A
RUF4B
SCN8A