

Figure 1 displays a multi-panel plot showing gene expression data across a gene list index (0 to 17976).

The top panel shows the $\log_2(\text{RPKM})$ expression level (y-axis) versus the Gene List Index (x-axis). A blue line represents the expression profile. A horizontal dashed line indicates the baseline. A vertical green dotted line marks the "Zero crossing at 9089". A vertical blue dotted line marks the "Peak at 13900".

The middle panel shows a barcode plot of gene counts (y-axis) versus the Gene List Index (x-axis). The plot displays vertical lines representing the count of genes at each index.

The bottom panel shows a density plot of gene counts (y-axis) versus the Gene List Index (x-axis). The plot displays a green shaded area representing the density of genes. The area is labeled "clus2" on the left and "NON.clus2" on the right.

Number of genes: 17976 (in list), 95 (in gene set)

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -0.6 to 0.6. The y-axis is labeled 'P(ES)' and ranges from 0 to 3. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.3 and 0.3. A vertical black line represents the 'Observed Gene Set ES value' at ES = -0.461. The area under the red curve to the left of this line is shaded in light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus2"' for the left side and 'Pos. ES: "clus2"' for the right side. At the bottom, statistical values are provided: ES = -0.461, NES = -1.37, Nom. p-val = 0.0854, FWER = 0.935, and FDR = 1.

Class
FC23
FZD7
PCMC
CAMK2G
CALM1
CALM2
PRKCE
PLCB4
PRKACB
CAMK2B
CAMK2A
DC1
GNAG1
MCT8
MCT9
MCT10
GNAG
ADCY8
PLCB3
GNAT1
MIF1
ADCY7
PRKACA
GSK3B
RIT
ADCY8
KAR3
ALG1
WNT10A
KAT5
CREH1
ZNF
CREBBP
ADCY1
CALM3
GABRI1
PRKX
PRKQ
MAPK9
PRKACB
WNT5
CREB1L2
MAP2K3
GNAI3
ZNF
MAP2K1
LAFA
WNT4
WNT10B
TLE1
CREB1L2
WNT1
CREB1L3
WNT5B
ROR
GNAI2
CALM2
DVL1
CREB1
CAMK2A
WNT7A
PRKACB
WNT4
WNT2
ZNF
TCF12
MIF1
WNT1
WNT16
KIF16
TCF1
WNT2B
WNT5A
FZD9
TYRPI
ADCY1
WNT10A
PRKACB
ADCY8
WNT5B
EDNRB
WNT4
FZD10
LEP