

Figure 1 displays a multi-panel plot showing gene expression data for 18,113 genes. The x-axis represents the Gene List Index (0 to 18,113).

The top panel shows a blue line plot representing the log₂(RPKM) expression level. A dashed horizontal line indicates the baseline. A vertical green dotted line marks the "Zero crossing at 7260". A vertical blue dotted line marks the "Peak at 13786".

The middle panel shows vertical lines representing gene sets. The lines are colored black and green, corresponding to the "clus2" and "NON.clus2" clusters, respectively.

The bottom panel shows a green area plot representing the distribution of genes across the index. The area is shaded green, indicating the density of genes. The label "clus2" is positioned on the left, and "NON.clus2" is positioned on the right.

Number of genes: 18113 (in list), 33 (in gene set)

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 -0.3 and 0.3. A vertical black line at ES = -0.55 represents the 'Observed Gene Set ES value'. The area to the left of this line is labeled 'Neg. ES "NON.clus2"' and the area to the right is labeled 'Pos. ES: "clus2"'. Below the x-axis, the following statistics are provided: ES = -0.55, NES = -1.51, Nom. p-val= 0.0616, FWER= 0.849, FDR= 0.155.

	clus2															NON.clus2														
Class	clus2															NON.clus2														
SHC1	clus2															NON.clus2														
BLNK	clus2															NON.clus2														
MAP3K1	clus2															NON.clus2														
NFATC1	clus2															NON.clus2														
PPP3CC	clus2															NON.clus2														
CALM3	clus2															NON.clus2														
MAPK14	clus2															NON.clus2														
CALM2	clus2															NON.clus2														
RAF1	clus2															NON.clus2														
PPP3CB	clus2															NON.clus2														
JUN	clus2															NON.clus2														
RAC1	clus2															NON.clus2														
MAPK3	clus2															NON.clus2														
PRKCA	clus2															NON.clus2														
NFATC3	clus2															NON.clus2														
PLCG1	clus2															NON.clus2														
ELK1	clus2															NON.clus2														
NFATC4	clus2															NON.clus2														
GRB2	clus2															NON.clus2														
CALM1	clus2															NON.clus2														
PPP3CA	clus2															NON.clus2														
SOS1	clus2															NON.clus2														
MAP2K1	clus2															NON.clus2														
LYN	clus2															NON.clus2														
SYK	clus2															NON.clus2														
VAV1	clus2															NON.clus2														
FOS	clus2															NON.clus2														
MAPK8	clus2															NON.clus2														
NFATC2	clus2															NON.clus2														
CD79B	clus2															NON.clus2														
BTK	clus2															NON.clus2														
PRKCB	clus2															NON.clus2														
CD79A	clus2															NON.clus2														
TCGA_4G_AA2Q_01	clus2															NON.clus2														
TCGA_4G_AA2T_01	clus2															NON.clus2														
TCGA_W5_AA2I_01	clus2															NON.clus2														
TCGA_W5_AA2Q_01	clus2															NON.clus2														
TCGA_W5_AA2T_01	clus2															NON.clus2														
TCGA_W5_AA2W_01	clus2															NON.clus2														
TCGA_W5_AA2Z_01	clus2															NON.clus2														
TCGA_W5_AA34_01	clus2															NON.clus2														
TCGA_W5_AA36_01	clus2															NON.clus2														
TCGA_W5_AA38_01	clus2															NON.clus2														
TCGA_ZD_A8I3_01	clus2															NON.clus2														
TCGA_ZH_A8Y1_01	clus2															NON.clus2														
TCGA_ZH_A8Y2_01	clus2															NON.clus2														
TCGA_ZH_A8Y5_01	clus2															NON.clus2														
TCGA_ZH_A8Y6_01	clus2															NON.clus2														
TCGA_3X_AAIV_01	clus2															NON.clus2														
TCGA_3X_AAVA_01	clus2															NON.clus2														
TCGA_3X_AAVB_01	clus2															NON.clus2														
TCGA_3X_AAVC_01	clus2															NON.clus2														
TCGA_3X_AAVE_01	clus2															NON.clus2														
TCGA_W5_AA2G_01	clus2															NON.clus2														
TCGA_W5_AA2H_01	clus2															NON.clus2														
TCGA_W5_AA2Q_01	clus2															NON.clus2														
TCGA_W5_AA2R_01	clus2															NON.clus2														
TCGA_W5_AA2U_01	clus2															NON.clus2														
TCGA_W5_AA2X_01	clus2															NON.clus2														
TCGA_W5_AA30_01	clus2															NON.clus2														
TCGA_W5_AA31_01	clus2															NON.clus2														
TCGA_W5_AA33_01	clus2															NON.clus2														
TCGA_W5_AA39_01	clus2															NON.clus2														
TCGA_W6_AAUS_01	clus2															NON.clus2														
TCGA_WD_A7RX_01	clus2															NON.clus2														
TCGA_YR_A95A_01	clus2															NON.clus2														
TCGA_ZH_A8Y4_01	clus2															NON.clus2														
TCGA_ZH_A8Y8_01	clus2															NON.clus2														
TCGA_ZU_A8S4_01	clus2															NON.clus2														