

Figure 1 displays a multi-panel plot illustrating gene expression data and cluster assignment across the Gene List Index (0 to 18113).

The top panel shows a line plot of gene expression (blue line) across the Gene List Index. The expression starts high, decreases to a minimum around index 11525, and then increases. A green dashed vertical line marks the "Zero crossing at 7260", and a blue dotted vertical line marks the "Peak at 11525".

The middle panel shows a barcode of vertical lines representing gene expression levels across the Gene List Index.

The bottom panel is a stacked area chart showing the proportion of genes in "clus2" (green) and "NON.clus2" (black) across the Gene List Index. The "clus2" proportion is high at the beginning and decreases towards the end, while "NON.clus2" is low at the beginning and increases towards the end.

Gene List Index  
Number of genes: 18113 (in list), 57 (in gene set)

Gene Set Null Density

Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus2"

Pos. ES: "clus2"

ES

ES = -0.366 NES = -1.5 Nom. p-val= 0.0916 FWER= 0.869 FDR= 0.159

	clus2										NON.clus2									
Class																				
PSEN2																				
CASP6																				
LMNA																				
CRADD																				
MAP2K7																				
RIPK1																				
TRAF2																				
MAP3K1																				
NFKB1																				
RELA																				
SPTAN1																				
NUMA1																				
TNFRSF1A																				
DAXX																				
ACTG1																				
XIAP																				
PSEN1																				
CASP3																				
APAF1																				
PTK2																				
BIRC2																				
TNF																				
PARP1																				
GSN																				
MDM2																				
NFKBIA																				
PRKDC																				
CASP8																				
CASP9																				
MAP3K14																				
CASP2																				
TRADD																				
RASA1																				
CASP7																				
CHUK																				
FADD																				
LMNB2																				
PRKCD																				
BAG4																				
PAK2																				
CYCS																				
CDK11B																				
DFFA																				
DFFB																				
CFLAR																				
RB1																				
BCL2																				
BIRC3																				
LMNB1																				
TRAF1																				
BID																				
MAPK8																				
ARHGDH																				
CDK11A																				
FAS																				
TNFRSF1B																				
MAP3K5																				
TCGA_4G_AA20_01																				
TCGA_4G_AA21_01																				
TCGA_W5_AA21_01																				
TCGA_W5_AA2Q_01																				
TCGA_W5_AA2T_01																				
TCGA_W5_AA2W_01																				
TCGA_W5_AA2Z_01																				
TCGA_W5_AA34_01																				
TCGA_W5_AA36_01																				
TCGA_W5_AA38_01																				
TCGA_ZD_A813_01																				
TCGA_ZH_A8Y1_01																				
TCGA_ZH_A8Y2_01																				
TCGA_ZH_A8Y5_01																				
TCGA_ZH_A8Y6_01																				
TCGA_3X_AA09_01																				
TCGA_3X_AA0A_01																				
TCGA_3X_AA0B_01																				
TCGA_3X_AA0C_01																				
TCGA_3X_AA0E_01																				
TCGA_W5_AA2G_01																				
TCGA_W5_AA2H_01																				
TCGA_W5_AA2R_01																				
TCGA_W5_AA2U_01																				
TCGA_W5_AA2X_01																				
TCGA_W5_AA30_01																				
TCGA_W5_AA31_01																				
TCGA_W5_AA33_01																				
TCGA_W5_AA39_01																				
TCGA_W6_AA0S_01																				
TCGA_WD_A7RX_01																				
TCGA_YR_A9SA_01																				
TCGA_ZH_A8Y4_01																				
TCGA_ZH_A8Y8_01																				
TCGA_ZU_A8S4_01																				