

Figure 1: A multi-panel plot showing gene expression data for 'clus3' and 'NON.clus3' across a gene list index. The top panel shows a red line plot of expression values, peaking at 2484 and crossing zero at 10412. The middle panel shows a green area plot of expression values, with a peak at 2484 and a zero crossing at 10412. The bottom panel shows a bar plot of gene expression levels, with a peak at 2484 and a zero crossing at 10412.

A density plot showing the probability density function (P(ES)) of Enrichment Scores (ES) for two gene sets. The x-axis represents the ES value, ranging from -0.6 to 0.6. The y-axis represents the probability density P(ES), ranging from 0 to 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.2 and 0.2. A black vertical line represents the 'Observed Gene Set ES value' for the 'clus3' gene set, located at ES = 0.379. The area under the red curve to the left of the observed value is labeled 'Neg. ES "NON.clus3"', and the area to the right is labeled 'Pos. ES: "clus3"'. Below the x-axis, the following statistics are provided: ES = 0.379, NES = 1.52, Nom. p-val = 0.0463, FWER = 0.973, and FDR = 0.244.

	clus3										NON.clus3									
Class																				
TNF																				
GZMB																				
PRF1																				
CASP1																				
BCL2																				
BIRC3																				
ARHGDIB																				
DFFB																				
SATB1																				
CASP8																				
MAP3K1																				
LMNB1																				
CASP10																				
TRAF2																				
CASP2																				
PARP1																				
GSN																				
CASP4																				
BID																				
DFFA																				
CASP6																				
CASP3																				
TRADD																				
LMK1																				
NUMA1																				
SPTAN1																				
XIAP																				
MADD																				
LMNB2																				
APAF1																				
TOP1																				
CASP7																				
CASP9																				
BIRC2																				
PTK2																				
RIPK1																				
SLK																				
VIM																				
CFL2																				
CYCS																				
DIABLO																				
BAX																				
TNFRSF1A																				
CRADD																				
ACTA1																				
LMNA																				
ADP																				
SREBF1																				
KRT18																				
TFAP2A																				
GAS2																				
TCGA_3X_AAWE_01																				
CGA_W5_AA2H_01																				
CGA_W5_AA2R_01																				
CGA_W5_AA2U_01																				
CGA_W5_AA30_01																				
TCGA_3X_AAV9_01																				
TCGA_3X_AAVA_01																				
TCGA_3X_AAVB_01																				
CGA_3X_AAVC_01																				
CGA_4G_AAZ0_01																				
TCGA_4G_AAZT_01																				
CGA_W5_AA2G_01																				
TCGA_W5_AA2I_01																				
CGA_W5_AA2O_01																				
CGA_W5_AA2Q_01																				
TCGA_W5_AA2T_01																				
CGA_W5_AA2W_01																				
TCGA_W5_AA2X_01																				
CGA_W5_AA2Z_01																				
CGA_W5_AA31_01																				
CGA_W5_AA33_01																				
TCGA_W5_AA34_01																				
CGA_W5_AA36_01																				
CGA_W5_AA38_01																				
CGA_W5_AA39_01																				
CGA_W6_AA05_01																				
CGA_WD_A7RX_01																				
TCGA_YR_A95A_01																				
TCGA_ZD_A813_01																				
TCGA_ZH_A8Y1_01																				
TCGA_ZH_A8Y2_01																				
TCGA_ZH_A8Y4_01																				
TCGA_ZH_A8Y5_01																				
TCGA_ZH_A8Y6_01																				
TCGA_ZH_A8Y8_01																				
TCGA_ZU_A85A_01																				