

Figure 1 consists of three vertically stacked panels sharing a common x-axis labeled "Gene List Index" ranging from 0 to 15,000. The top panel shows a red line graph representing a metric (likely log-likelihood) that peaks at 5327 and crosses zero at 7862. The middle panel shows a bar chart representing the number of genes in the list, with a peak at 5327. The bottom panel shows a green area plot representing a metric (likely log-likelihood) with labels "clus2" and "NON.clus2".

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 4. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.25. A vertical black line at ES = 0.426 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 = 0.426, NES = 1.64, Nom. p-val = 0.0755, FWER = 0.892, and FDR = 0.753.

Heatmap Data:

Gene	TCGA_3X_AA1A_01	TCGA_W5_AA2W_01	TCGA_W5_AA36_01	TCGA_W6_AA0S_01	TCGA_3X_AA09_01	TCGA_3X_AA0V_01	TCGA_3X_AA0B_01	TCGA_3X_AA0C_01	TCGA_3X_AA0E_01	TCGA_4G_AA0Z_01	TCGA_4G_AA0T_01	TCGA_W5_AA2G_01	TCGA_W5_AA2H_01	TCGA_W5_AA2I_01	TCGA_W5_AA2O_01	TCGA_W5_AA2Q_01	TCGA_W5_AA2R_01	TCGA_W5_AA2T_01	TCGA_W5_AA2U_01	TCGA_W5_AA2X_01	TCGA_W5_AA2Z_01	TCGA_W5_AA30_01	TCGA_W5_AA31_01	TCGA_W5_AA33_01	TCGA_W5_AA34_01	TCGA_W5_AA38_01	TCGA_W5_AA39_01	TCGA_WD_A7RX_01	TCGA_YR_A95A_01	TCGA_ZD_A8I3_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_A8S4_01
Class	NON.clus2																																				
IARS	-																																				
CARS2	-																																				
WARS2	-																																				
PPA2	-																																				
AIMP2	-																																				
SARS2	-																																				
AARS	-																																				
MARS2	-																																				
LARS	-																																				
DARS2	-																																				
KARS	-																																				
FARS2	-																																				
EARS2	-																																				
IARS2	-																																				
GARS	-																																				
CARS	-																																				
EPRS	-																																				
NARS	-																																				
RARS	-																																				
QARS	-																																				
FARSA	-																																				
TARS	-																																				
DARS	-																																				
VAR2	-																																				
AARS2	-																																				
AIMP1	-																																				
VAR	-																																				
HARS2	-																																				
TARS2	-																																				
EEF1E1	-																																				
YARS2	-																																				
MARS	-																																				
SARS	-																																				
YARS	-																																				
FARSB	-																																				
LARS2	-																																				
RARS2	-																																				
HARS	-																																				
PPA1	-																																				
WARS	-																																				
NARS2	-																																				
PARS2	-																																				