

A density plot showing the distribution of ES values for two gene sets. 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 at ES = -0.472 represents the 'Observed Gene Set ES value'. The area under the red curve to the left of this line is shaded 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. Below the plot, summary statistics are provided: ES = -0.472, NES = -1.42, Nom. p-val = 0.0335, FWER = 0.951, and FDR = 0.179.

ES = -0.472 NES = -1.42 Nom. p-val= 0.0335 FWER= 0.951 FDR= 0.179

Heatmap visualization showing the expression of 100 genes across 20 samples, grouped into two clusters: **clus2** and **NON.clus2**. The color scale ranges from -2 (blue) to 2 (red).

Gene List (Y-axis):

- TCGA_4G_AA2Q_01
- TCGA_4G_AA2T_01
- TCGA_W5_AA2I_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_A8I3_01
- TCGA_ZH_A8Y1_01
- TCGA_ZH_A8Y2_01
- TCGA_ZH_A8Y5_01
- TCGA_ZH_A8Y6_01
- TCGA_3X_AA2G_01
- TCGA_3X_AA2H_01
- TCGA_3X_AA2I_01
- TCGA_3X_AA2J_01
- TCGA_3X_AA2K_01
- TCGA_3X_AA2L_01
- TCGA_3X_AA2M_01
- TCGA_3X_AA2N_01
- TCGA_3X_AA2O_01
- TCGA_3X_AA2P_01
- TCGA_3X_AA2Q_01
- TCGA_3X_AA2R_01
- TCGA_3X_AA2S_01
- TCGA_3X_AA2T_01
- TCGA_3X_AA2U_01
- TCGA_3X_AA2V_01
- TCGA_3X_AA2W_01
- TCGA_3X_AA2X_01
- TCGA_3X_AA2Y_01
- TCGA_3X_AA2Z_01
- TCGA_3X_AA30_01
- TCGA_3X_AA31_01
- TCGA_3X_AA32_01
- TCGA_3X_AA33_01
- TCGA_3X_AA34_01
- TCGA_3X_AA35_01
- TCGA_3X_AA36_01
- TCGA_3X_AA37_01
- TCGA_3X_AA38_01
- TCGA_3X_AA39_01
- TCGA_3X_AA40_01
- TCGA_3X_AA41_01
- TCGA_3X_AA42_01
- TCGA_3X_AA43_01
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- TCGA_3X_AA64_01
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- TCGA_3X_AA67_01
- TCGA_3X_AA68_01
- TCGA_3X_AA69_01
- TCGA_3X_AA70_01
- TCGA_3X_AA71_01
- TCGA_3X_AA72_01
- TCGA_3X_AA73_01
- TCGA_3X_AA74_01
- TCGA_3X_AA75_01
- TCGA_3X_AA76_01
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- TCGA_3X_AA91_01
- TCGA_3X_AA92_01
- TCGA_3X_AA93_01
- TCGA_3X_AA94_01
- TCGA_3X_AA95_01
- TCGA_3X_AA96_01
- TCGA_3X_AA97_01
- TCGA_3X_AA98_01
- TCGA_3X_AA99_01
- TCGA_3X_AA100_01

Sample Labels (X-axis):

- TCGA_4G_AA2Q_01
- TCGA_4G_AA2T_01
- TCGA_W5_AA2I_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_A8I3_01
- TCGA_ZH_A8Y1_01
- TCGA_ZH_A8Y2_01
- TCGA_ZH_A8Y5_01
- TCGA_ZH_A8Y6_01
- TCGA_3X_AA2G_01
- TCGA_3X_AA2H_01
- TCGA_3X_AA2I_01
- TCGA_3X_AA2J_01
- TCGA_3X_AA2K_01
- TCGA_3X_AA2L_01
- TCGA_3X_AA2M_01
- TCGA_3X_AA2N_01
- TCGA_3X_AA2O_01
- TCGA_3X_AA2P_01
- TCGA_3X_AA2Q_01
- TCGA_3X_AA2R_01
- TCGA_3X_AA2S_01
- TCGA_3X_AA2T_01
- TCGA_3X_AA2U_01
- TCGA_3X_AA2V_01
- TCGA_3X_AA2W_01
- TCGA_3X_AA2X_01
- TCGA_3X_AA2Y_01
- TCGA_3X_AA2Z_01
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