

Gene List Index

Number of genes: 18113 (in list), 46 (in gene set)

Peak at 3079

Zero crossing at 10412

"clus3"

"NON.clus3"

A density plot showing the distribution of ES values for the 'clus3' gene set. The x-axis is labeled 'ES' and ranges from -0.5 to 0.5. 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 = 0.609 represents the 'Observed Gene Set ES value'. The area to the right of this line is shaded light blue. Text labels on the x-axis indicate 'Neg. ES "NON.clus3"' on the left and 'Pos. ES: "clus3"' on the right. Below the x-axis, summary statistics are provided: ES = 0.609, NES = 1.78, Nom. p-val= 0.00638, FWER= 0.6, and FDR= 0.19.

Heatmap Data Summary:

- Rows (Genes):** Class, CD19, MAP4K1, CR2, PTPRC, BTK, PIK3CD, VAV1, BCL2, INPP5D, CD22, BLNK, ITPR1, SYK, NFATC2, PLCG2, NFATC1, LYN, ITPR2, CSK, PPP3CC, PDK1, AKT3, SOS1, ITPR3, FLOT2, AKT2, GRB2, GSK3B, PIK3CA, CD81, RAF1, MAPK1, BCR, MAPK3, FLOT1, GSK3A, PPP3CB, PPP3A, SOS2, BAD, PIK3R1, PPP1R13B, AKT1, DAG1, SHC1, NROB2.
- Columns (Samples):** TCGA_3X_AAWE_01, TCGA_W5_AA2H_01, TCGA_W5_AA2R_01, TCGA_W5_AA2U_01, TCGA_W5_AA30_01, TCGA_3X_AA19_01, TCGA_3X_AA1A_01, TCGA_3X_AA1B_01, TCGA_3X_AA1C_01, TCGA_4G_AA20_01, TCGA_4G_AA21_01, TCGA_W5_AA2G_01, TCGA_W5_AA2I_01, TCGA_W5_AA2O_01, TCGA_W5_AA2Q_01, TCGA_W5_AA2T_01, TCGA_W5_AA2W_01, TCGA_W5_AA2X_01, TCGA_W5_AA2Z_01, TCGA_W5_AA31_01, TCGA_W5_AA33_01, TCGA_W5_AA34_01, TCGA_W5_AA36_01, TCGA_W5_AA38_01, TCGA_W5_AA39_01, TCGA_W5_AA0S_01, TCGA_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_ZH_A8S4_01.
- Color Scale:** -2 (blue) to 2 (red).
- Clustering:** Samples are clustered into two groups: **clus3** (left, red header) and **NON.clus3** (right, blue header).