

Zero crossing at 8453

Peak at 14553

"clus2"

"NON.clus2"

Gene List Index

Number of genes: 17824 (in list), 33 (in gene set)

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 0.25. A vertical black line at ES = -0.42 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 at the bottom indicate 'Neg. ES "NON.clus2"' for the left side and 'Pos. ES: "clus2"' for the right side. Below the x-axis, summary statistics are provided: ES = -0.42, NES = -1.37, Nom. p-val = 0.114, FWER = 0.967, and FDR = 0.53.

Heatmap Data Summary:

- Columns (Samples):** 48 samples, grouped into two clusters:
 - clus2 (Red):** Samples 1-24 (TGA, XL, 5330, 01 to TGA, NO, 5416, 01).
 - NON.clus2 (Blue):** Samples 25-48 (TGA, XL, 5330, 01 to TGA, NO, 5416, 01).
- Rows (Genes):** 30 genes listed on the y-axis:
 - Class
 - JUN
 - MAP2K1
 - PPP3CC
 - PRKACG
 - GNGT1
 - MAPK3
 - NFATC3
 - GNB1
 - PLCG1
 - RPS6KA3
 - ADCY1
 - GNAS
 - ELK1
 - PPP3CA
 - CREB1
 - CALM1
 - CALM2
 - PRKCB
 - PPP3CB
 - PRKAR1A
 - PRKAR1B
 - RAF1
 - CALM3
 - PRKCA
 - FOS
 - GNAQ
 - PRKAR2B
 - PRKACB
 - NFATC4
 - PRKAR2A
 - GNAI1
 - NFATC1
 - NFATC2
- Color Scale:**
 - Red: Positive expression (up to 2).
 - Blue: Negative expression (down to -2).
 - White: Baseline expression (0).