

Running Enrichment Score (RES)

Peak at 1603

Zero crossing at 10017

"clus4"

"NON.clus4"

Gene List Index

Number of genes: 17728 (in list), 74 (in gene set)

The figure is a density plot showing the probability density function (PDF) of ES values. The x-axis is labeled 'ES' and ranges from -0.4 to 0.4. The y-axis is labeled 'P(ES)' and ranges from 0 to 5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks at approximately -0.25 and 0.2. A vertical black line at ES = 0.367 represents the 'Observed Gene Set ES value'. The area under the red curve to the right of this line is shaded in light blue, representing the p-value. The plot is annotated with 'Neg. ES "NON.clus4"' on the left and 'Pos. ES: "clus4"' on the right. Below the x-axis, the following statistics are provided: ES = 0.367, NES = 1.64, Nom. p-val = 0.00434, FWER = 0.87, and FDR = 0.0766.

Heatmap visualization showing gene expression patterns across two clusters: **clus4** and **NON.clus4**. The y-axis lists 100 genes, and the x-axis represents individual samples. The color scale ranges from -2 (blue) to 2 (red).

Genes listed on the y-axis (from top to bottom):

- Class
- FGF1
- FGFR1
- FGF19
- FGFR3
- DKF1
- CAB39L
- DKF1
- FGF19
- SHC3
- CRK
- MAPK9
- SHC2
- FGF3
- MAP2K1
- GRB10
- SHC
- YWHA8
- EIF4E
- KRAS
- PRKAG1
- STRADB1
- CH39
- PRKAA1
- PIK3CA
- FGF3
- PIK3C3
- TRIS
- TSC2
- PIK3C4
- PRKAA2
- MLST8
- FGFR1
- EIF4G
- MAP2K2
- EEF2K
- HIS
- INSR
- STRADA
- RHEB
- MAPK1
- EIF4EBP1
- PIK3R1
- SOS1
- STK11
- PRKAG1
- PTEN
- THEM4
- PRKAB1
- PIK3R2
- EIF4B
- GRB2
- FGFR3
- MTOR
- NRAS
- FGF22
- FGFR4
- FGFR3
- PIK3R1
- RAF1
- RPS6KB1
- PRKAB2
- PDZD3
- FGF17
- IGF1
- KL8
- CDK1