

Zero crossing at 7203

Peak at 13443

"clus2"

"NON.clus2"

Gene List Index

Number of genes: 17996 (in list), 81 (in gene set)

A density plot showing the distribution of ES values. The x-axis is labeled 'ES' and ranges from -1.0 to 1.0. The y-axis is labeled 'P(ES)' and ranges from 0.0 to 2.5. A red curve represents the 'Gene Set Null Density', which is bimodal with peaks around -0.3 and 0.4. A vertical black line represents the 'Observed Gene Set ES value' at approximately -0.512. The area under the red curve to the left of this line is shaded in 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. At the bottom, a summary of statistics is provided: ES = -0.512, NES = -1.33, Nom. p-val= 0.112, FWER= 0.973, and FDR= 0.927.

ES = -0.512 NES = -1.33 Nom. p-val= 0.112 FWER= 0.973 FDR= 0.927

clus2 **NON.clus2**

Class

AURKB
 ITGB7
 CACNA1D2
 CACNA1C
 CACNG5
 SOCB1
 ITGA3
 LMNA
 ITGB6
 ITGB4
 CACNB1
 DAG1
 ITGA5
 ITGA2
 TM2J
 ADCY6
 CACNG8
 PRKX
 TM2N3
 TPM1
 ADCY7
 ATP2A2
 TM2Z
 ACTG1
 TPM4
 ADCY9
 PRKACB
 ITGB8
 ITGA7
 ITGA2B
 ACTB
 MYH7
 ITGA1
 PRKACA
 ITGB1
 CACNA1T
 ITGB5
 CACNA1S
 CACNG8
 CACNB1
 GNA5
 EMD
 MYBP3
 TNF
 ITN1
 LAMA2
 ITGA8
 YOFB1
 MYH6
 ITGA5
 RYR2
 CACNG6
 ITGA4
 ELQAI
 ADCY4
 ADCY1
 TNNC1
 ITGA10
 TPM2
 TPM2
 ITGB2
 CACNA1D
 CACNA2D3
 ITGA7
 CACNA2D4
 ITGB3
 ITGA8
 YOFB1
 SOCB2
 ACTC1
 CACNG4
 ITGA11
 SOCB2
 IGF1
 PLN
 CACNA2D1
 SOCA
 SES
 ADCY5
 ADCY2
 MYL3
 MYO1