Gene Set 698 : REACTOME_ERK_MAPK_TARGETS

Running Enrichment Score (RES)

Peak at 2873

Zero crossing at 9339

"0"

"1"

Gene List Index
Number of genes: 25691 (in list), 21 (in gene set)
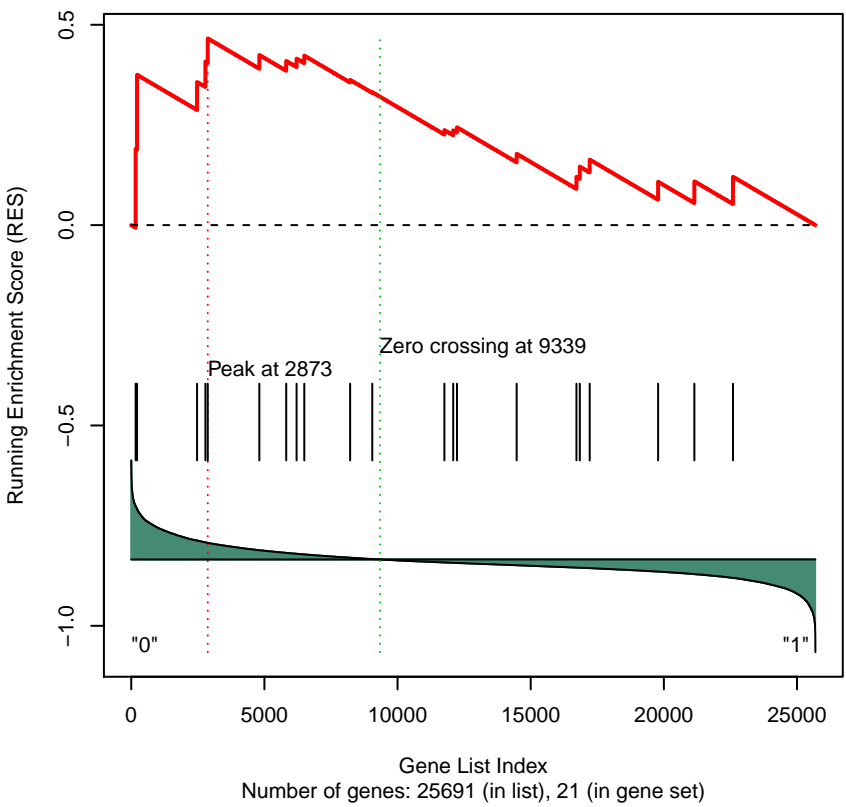
Gene Set Null Distribution

— Gene Set Null Density
— Observed Gene Set ES value

P(ES)

Neg. ES "1"

Pos. ES: "0"

ES

ES = 0.466 NES = 1.51 Nom. p–val= 0.0357 FWER= 1 FDR= 1
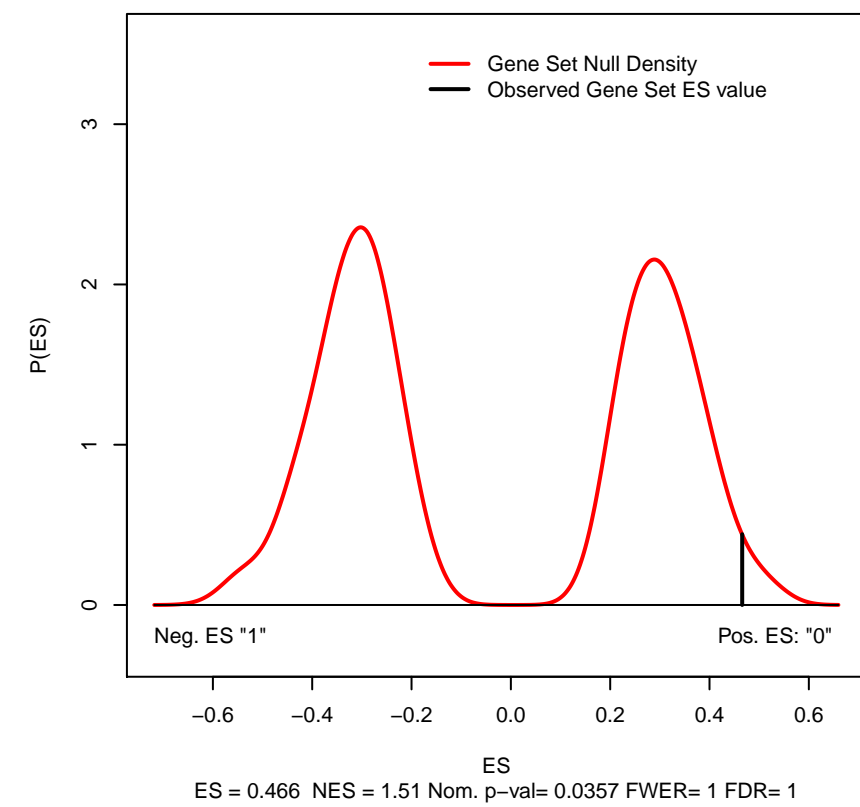
Heat Map for Genes in Gene Set

0   1

Class
DUSP6
PPP2CB
RPS6KA5
MEF2C
PPP2R1B
ELK1
MEF2A
MAPK1
PPP2CA
DUSP4
RPS6KA2
MAPK7
PPP2R5D
MAPK11
MAPK3
MAPK14
RPS6KA3
RPS6KA1
DUSP7
DUSP3
PPP2R1A