Gene Set 161 : BIOCARTA_ERK_PATHWAY

Running Enrichment Score (RES)

Zero crossing at 9486

Peak at 15218

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 18283 (in list), 28 (in gene set)
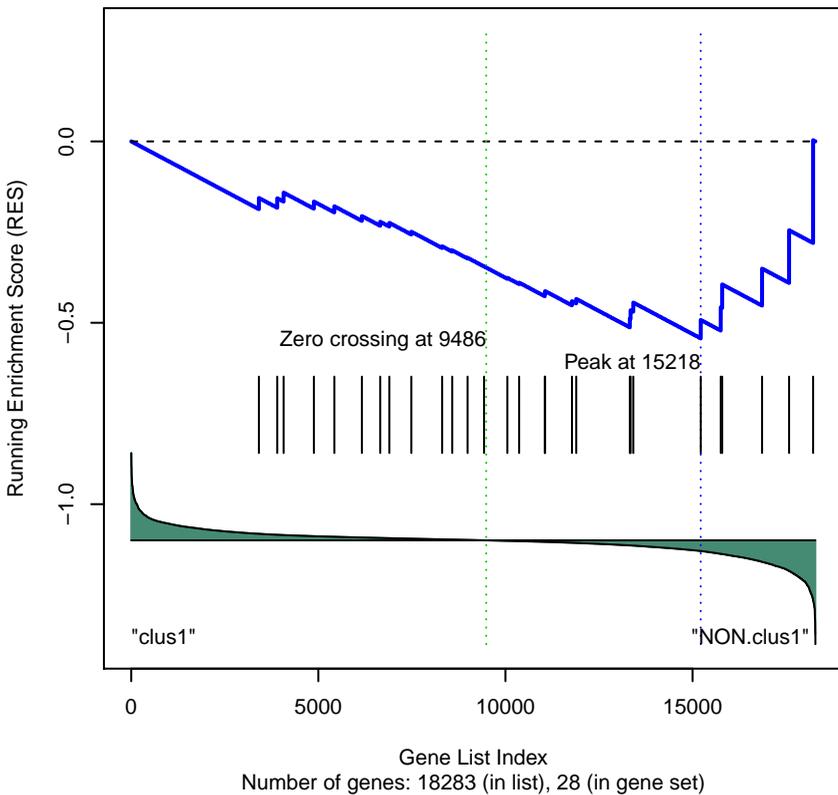
Gene Set Null Distribution

P(ES)

Gene Set Null Density
Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = −0.543 NES = −1.63 Nom. p−val= 0.00787 FWER= 0.82 FDR= 0.904
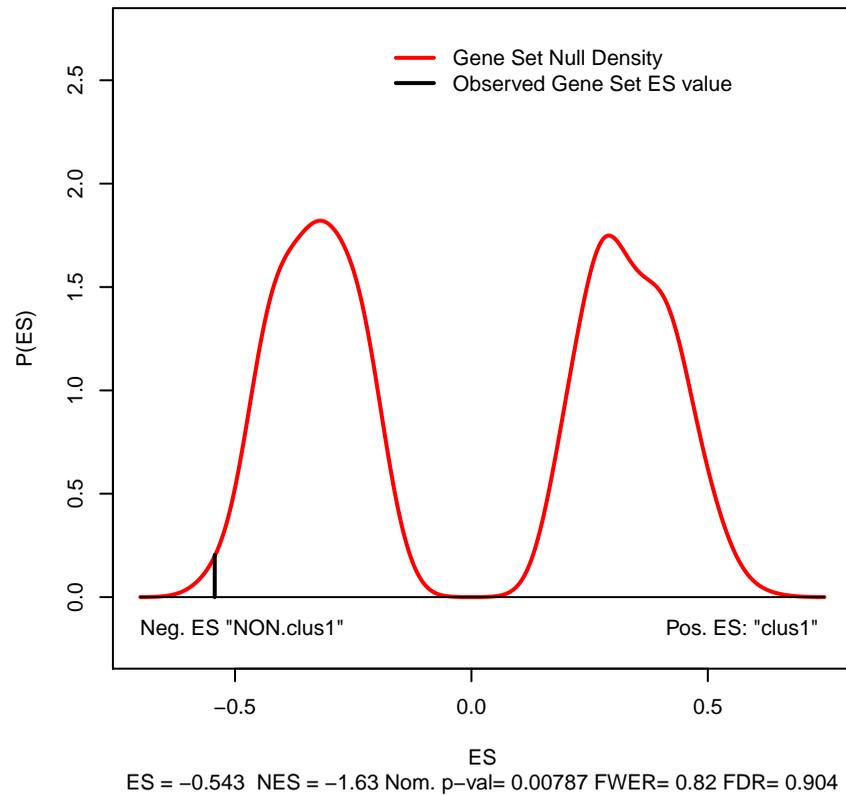
Heat Map for Genes in Gene Set

clus1

NON.clus1

Class
MKNK1
NGF
RPS6KA1
ELK1
PPP2CA
RPS6KA5
MAP2K1
MKNK2
MYC
SRC
RAF1
GNAS
MAP2K2
GRB2
GNB1
HRAS
SHC1
EGFR
MAPK1
SOS1
STAT3
MAPK3
ITGB1
IGF1R
GNGT1
NGFR
PDGFRA
PTPRR