Gene Set 11 : BIOCARTA_ERK_PATHWAY

Running Enrichment Score (RES)

Zero crossing at 8997

Peak at 14691

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 17976 (in list), 26 (in gene set)
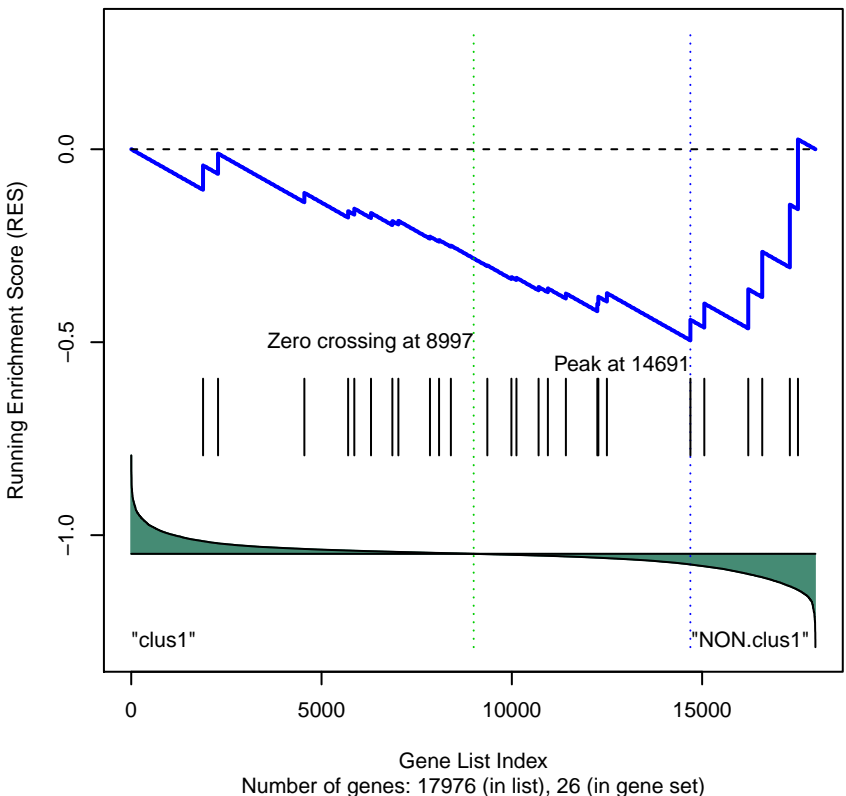
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES
ES = −0.495 NES = −1.47 Nom. p−val= 0.0807 FWER= 0.878 FDR= 0.213
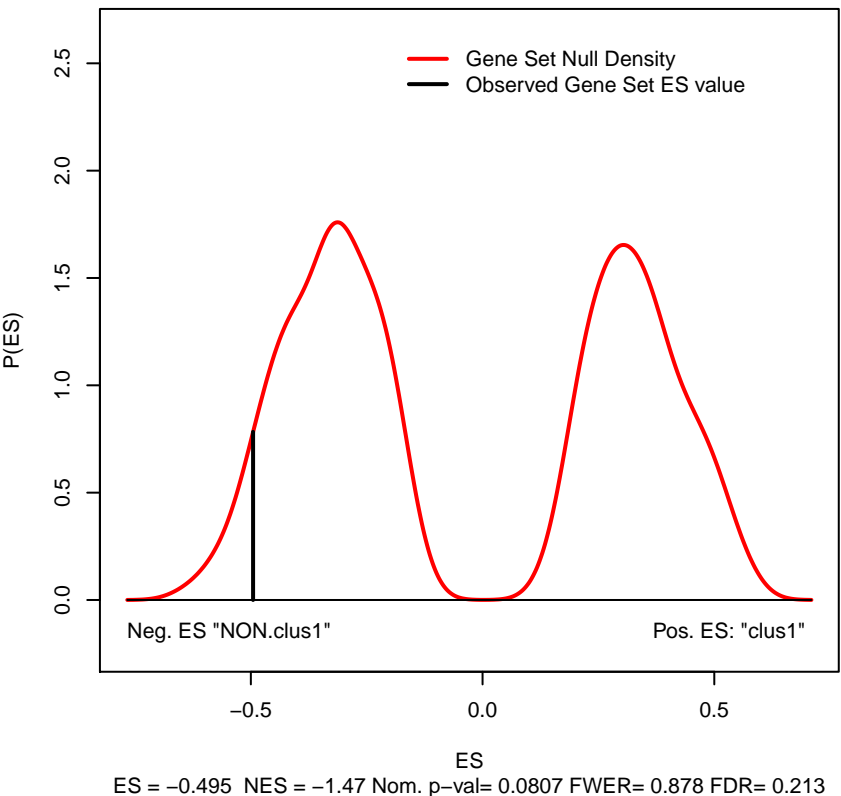
Heat Map for Genes in Gene Set

clus1   NON.clus1

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