Gene Set 28 : BIOCARTA_VIP_PATHWAY

Running Enrichment Score (RES)

Peak at 2693

Zero crossing at 10241

"clus4"

"NON.clus4"

Gene List Index
Number of genes: 18748 (in list), 25 (in gene set)
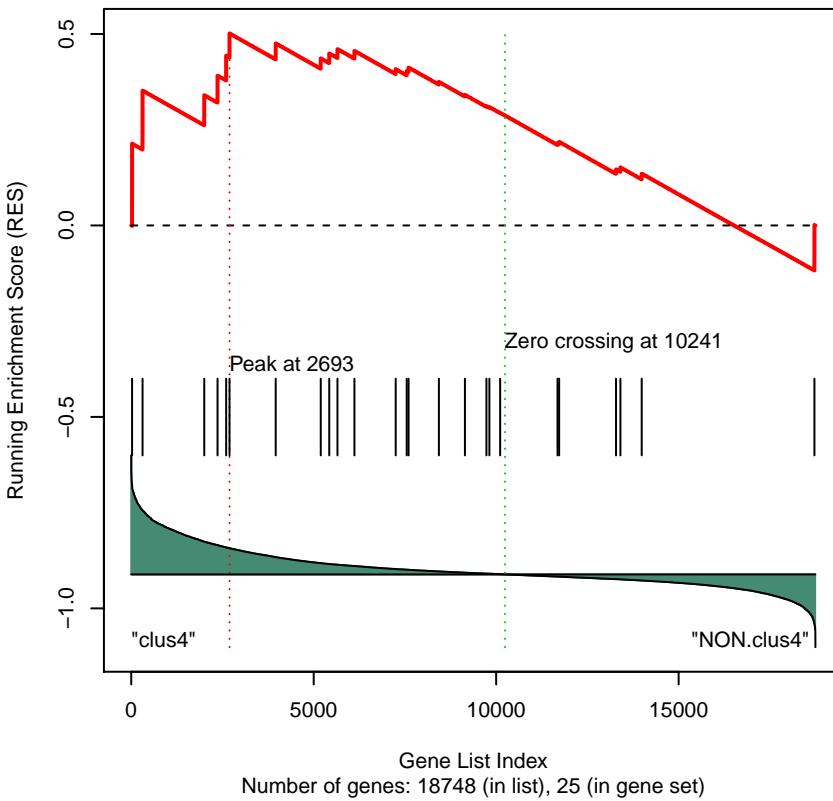
Gene Set Null Distribution

— Gene Set Null Density
— Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.501 NES = 1.51 Nom. p–val= 0.0546 FWER= 0.906 FDR= 0.178
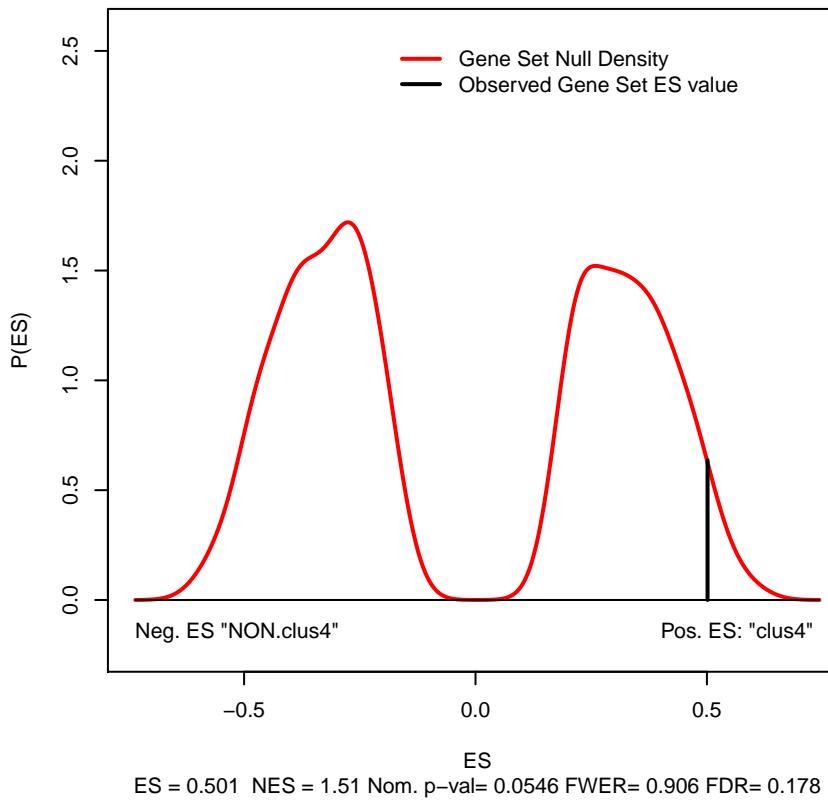
Heat Map for Genes in Gene Set

clus4   NON.clus4

Class
VIPR2
PRKAR2B
EGR3
EGR2
PRKACB
NFATC2
NFATC1
MAP3K1
PPP3CC
PLCG1
PPP3CB
GNAQ
NFKB1
PRKAR1A
PPP3CA
PRKAR2A
NFKBIA
CALM2
CALM1
CALM3
RELA
CHUK
MYC
PRKAR1B
PRKACG