Gene Set 38 : BIOCARTA_TCR_PATHWAY

Running Enrichment Score (RES)

Peak at 1560

Zero crossing at 8546

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 18187 (in list), 43 (in gene set)
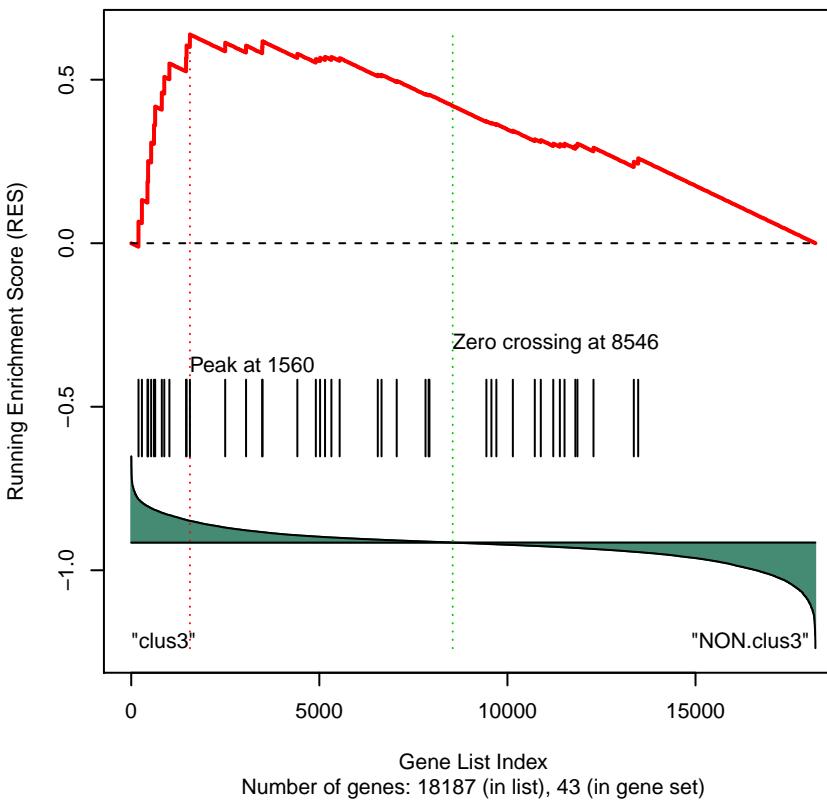
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.638 NES = 1.64 Nom. p–val= 0.0307 FWER= 0.642 FDR= 0.342
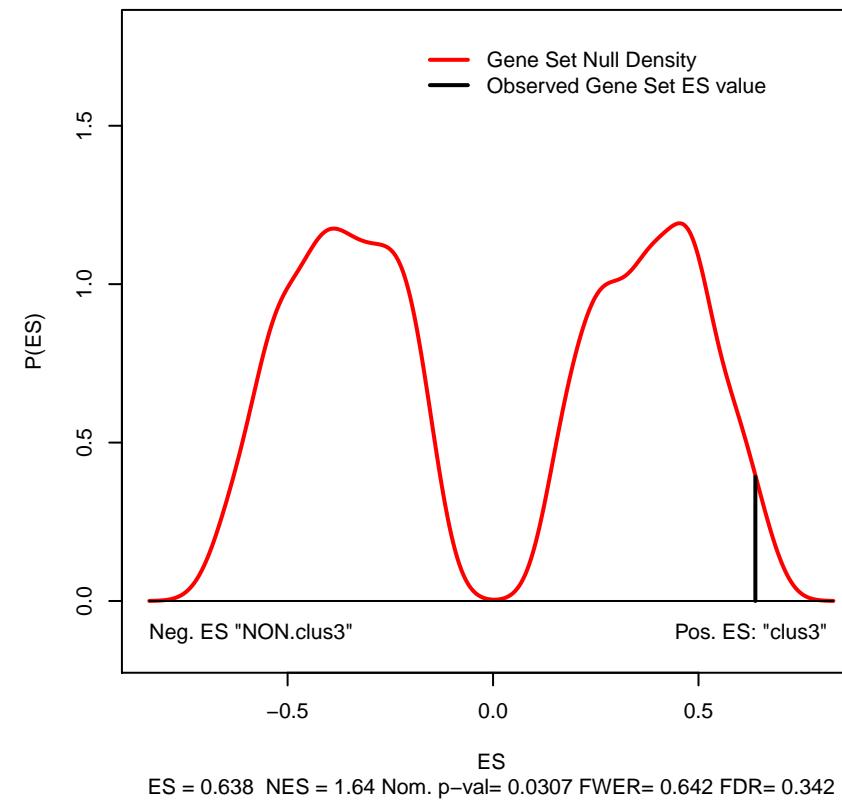
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
CD3G
LCK
PIK3CG
CD3D
CD3E
CD247
LAT
ZAP70
PRKCB
PTPN7
NFATC2
VAV1
PRKCA
MAPK8
PPP3CC
SHC1
MAP2K1
RASA1
NFKBIA
GRB2
NFKB1
JUN
CALM1
CALM3
CALM2
RAF1
RAC1
PIK3CA
RELA
ELK1
PLCG1
NFATC1
FYN
FOS
PPP3CA
MAP2K4
SOS1
PPP3CB
NFATC3
MAP3K1
NFATC4
MAPK3
PIK3R1