Gene Set 40 : BIOCARTA_TOLL_PATHWAY

Running Enrichment Score (RES)

Zero crossing at 7260

Peak at 13699

"clus2"

"NON.clus2"

Gene List Index
Number of genes: 18113 (in list), 36 (in gene set)
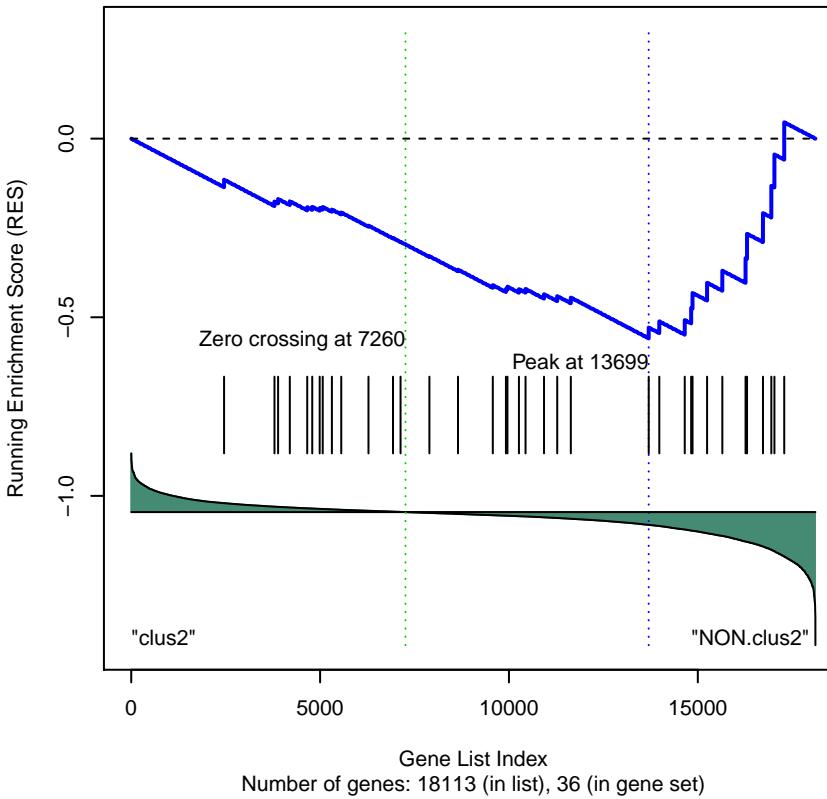
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus2"

Pos. ES: "clus2"

ES

ES = −0.559 NES = −1.61 Nom. p−val= 0.0177 FWER= 0.667 FDR= 0.183
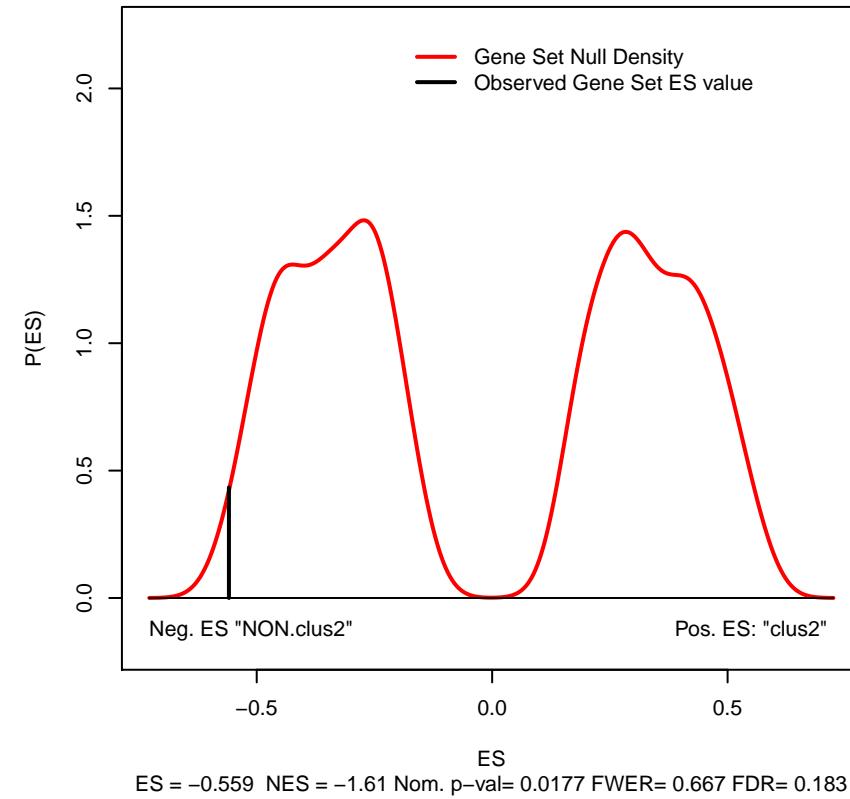
Heat Map for Genes in Gene Set

clus2

NON.clus2

Class
TIRAP
TLR3
TOLLIP
MAP2K3
MAP3K1
TAB1
NFKB1
RELA
ECSIT
MAP2K4
IKBKB
EIF2AK2
MAPK14
MAP2K6
JUN
NFKBIA
IRAK1
ELK1
MAP3K14
TRAF6
IKBKG
CHUK
MYD88
TLR2
MAP3K7
TAB2
FOS
MAPK8
PGLYRP1
LY96
CD14
TLR7
TLR9
TLR10
TLR4
TLR6