OME_NFKB_AND_MAP_KINASES_ACTIVATION_MEDIATED_BY_TLR4_

Running Enrichment Score (RES)

Zero crossing at 9532

Peak at 14026

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 18525 (in list), 70 (in gene set)
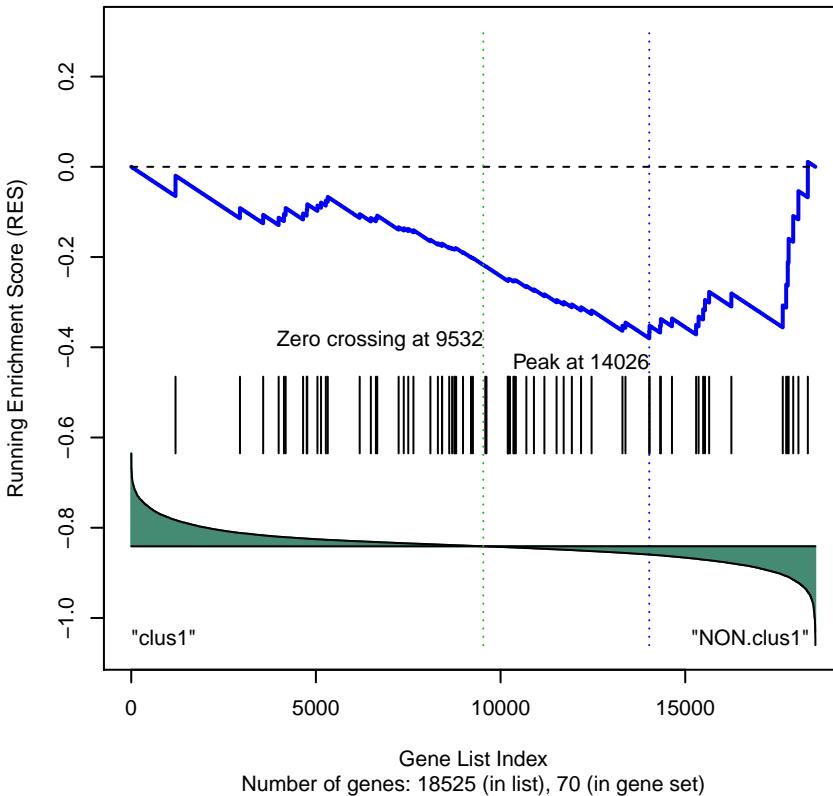
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = −0.38 NES = −1.53 Nom. p−val= 0.0636 FWER= 0.966 FDR= 1
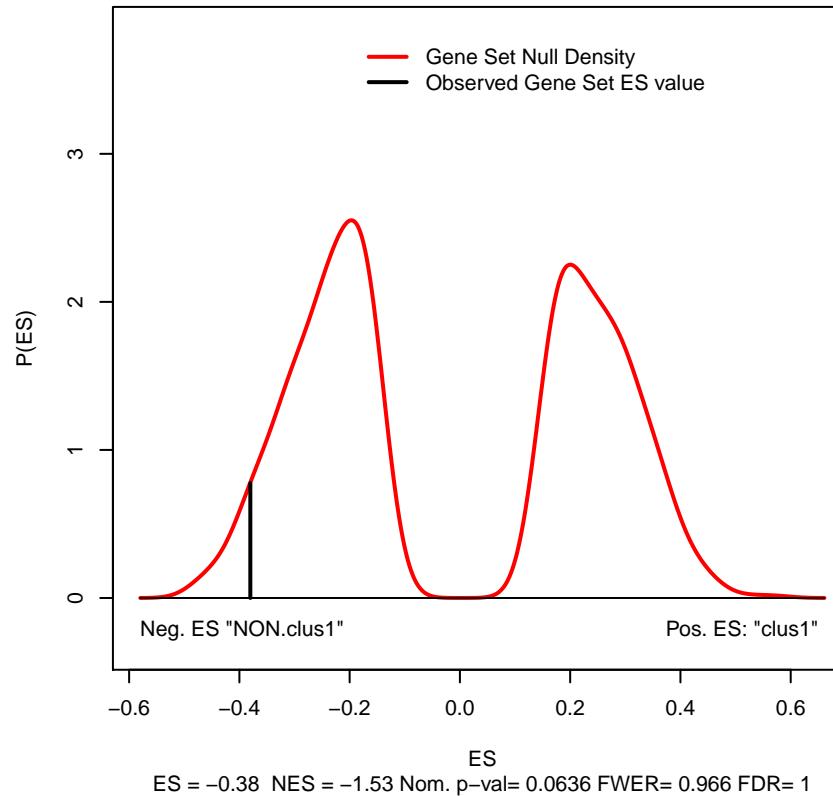
Heat Map for Genes in Gene Set

clus1   NON.clus1

Class
IRAK2
CDK1
MAPK10
TAB2
IRAK1
ELK1
ATF1
MAPK14
CREB1
RPS27A
DUSP7
MAPK3
MAP3K7
PPP2R5D
RPS6KA3
MAPKAPK3
ATF2
HMGB1
IKBKB
AGER
MAPK8
RIPK1
IKBKG
UBA52
NFKBIA
MAP2K7
MAPKAPK2
PPP2CA
TAB3
NFKBIB
NFKB2
DUSP3
JUN
PPP2R1A
MAPK1
MEF2A
CHUK
TRAF6
MAPK7
MAP2K1
RPS6KA2
MAPK9
TAB1
APP
LY96
PPP2CB
S100B
NOD1
MAP2K3
CD14
FOS
MAP2K4
MAP2K2
TICAM1
MAPK11
MEF2C
PPP2R1B
RPS6KA1
DUSP6
RIPK2
TICAM2
SAA1
S100A12
MAP2K6
TLR3
DUSP4
RPS6KA5
NOD2
TLR4