Gene Set 16 : BIOCARTA_HIVNEF_PATHWAY

Zero crossing at 8363

Peak at 11618

"clus3"

"NON.clus3"

Running Enrichment Score (RES)

Gene List Index
Number of genes: 18300 (in list), 57 (in gene set)
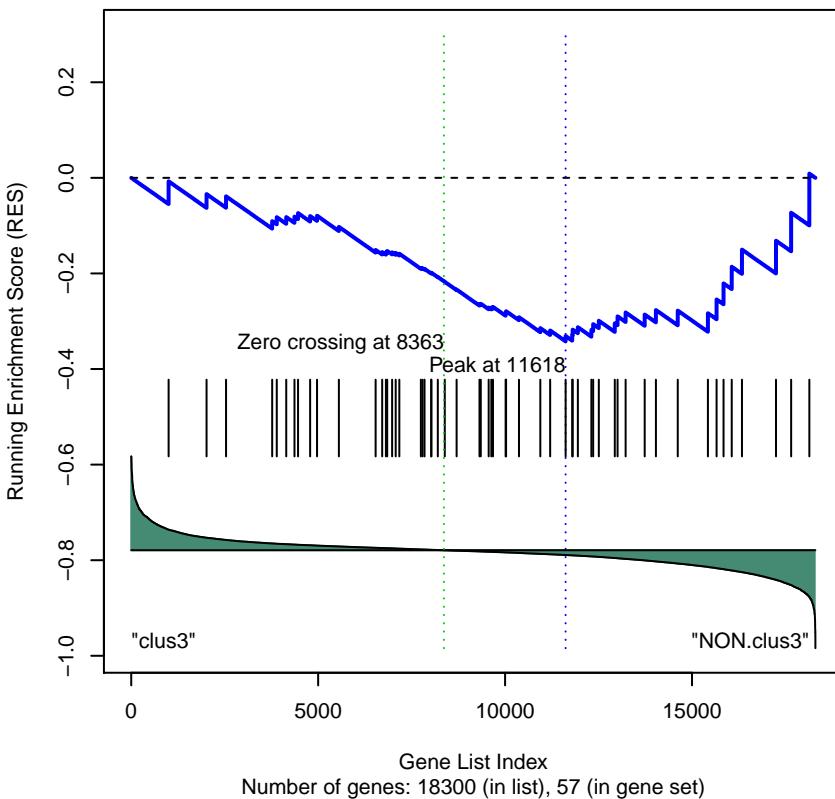
Gene Set Null Distribution

— Gene Set Null Density
— Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = −0.342 NES = −1.56 Nom. p−val= 0.0594 FWER= 0.817 FDR= 0.322
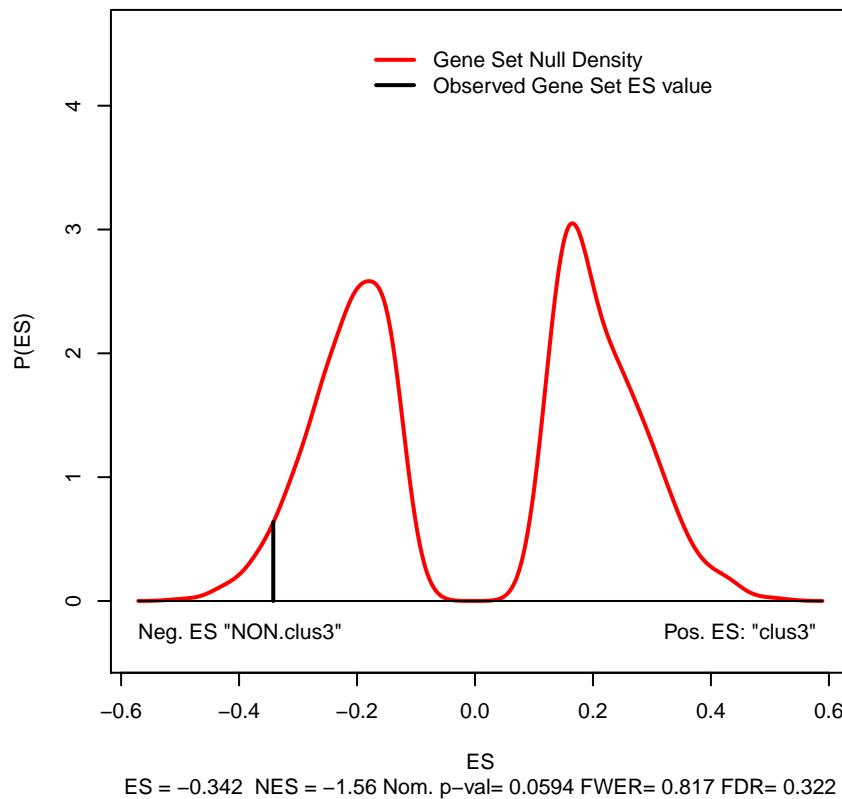
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
TRAF2
MAPK8
CHUK
MDM2
LMNB1
CYCS
PRKDC
CASP9
PARP1
BCL2
NUMA1
RB1
CASP7
PTK2
PSEN2
DAXX
CASP3
TNFRSF1A
CRADD
APAF1
DFFA
BAG4
CASP6
XIAP
PRKCD
CDK11A
LMNB2
CDK11B
DFFB
PSEN1
NFKBIA
RELA
RIPK1
ACTG1
PAK2
MAP2K7
SPTAN1
FADD
TRADD
CASP2
BIRC2
CASP8
TNFRSF1B
MAP3K1
NFKB1
LMNA
BID
RASA1
GSN
ARHGDIB
CFLAR
MAP3K5
MAP3K14
TRAF1
BIRC3
TNF
FAS