Gene Set 2 : BIOCARTA_AGR_PATHWAY

Running Enrichment Score (RES)

Peak at 1456

Zero crossing at 8609

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 18307 (in list), 35 (in gene set)
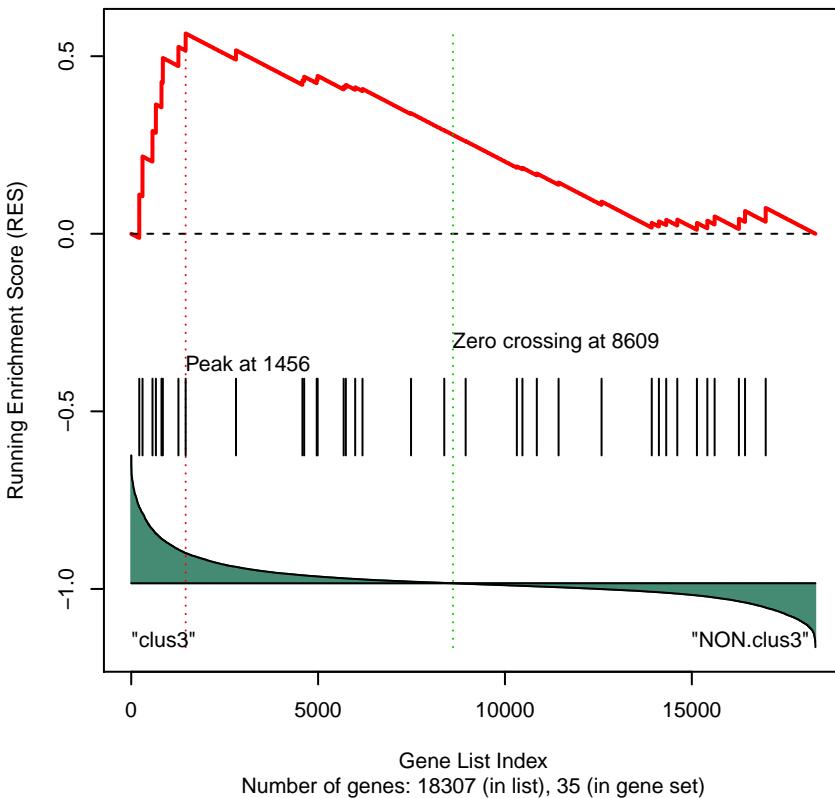
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.564 NES = 1.6 Nom. p–val= 0.0281 FWER= 0.705 FDR= 0.148
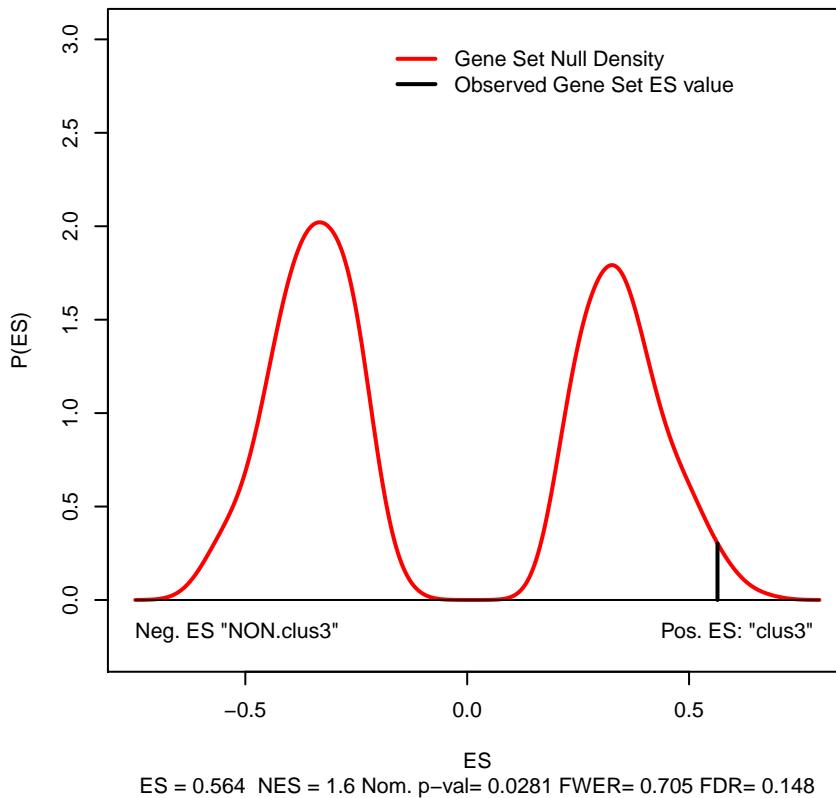
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
CHRM1
PAK6
PAK3
PAK7
NRG1
ACTA1
PAK1
LAMA3
MAPK8
MAPK3
RAPSN
DMD
MAPK1
NRG2
MUSK
SRC
DVL1
PTK2
UTRN
CTTN
DAG1
RAC1
PAK2
GIT2
SP1
CDC42
PAK4
EGFR
PXN
LAMA2
JUN
ITGB1
LAMA4
CHRNA1
ITGA1