Gene Set 2 : BIOCARTA_AGR_PATHWAY

Running Enrichment Score (RES)

Peak at 5208

Zero crossing at 9958

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 19051 (in list), 35 (in gene set)
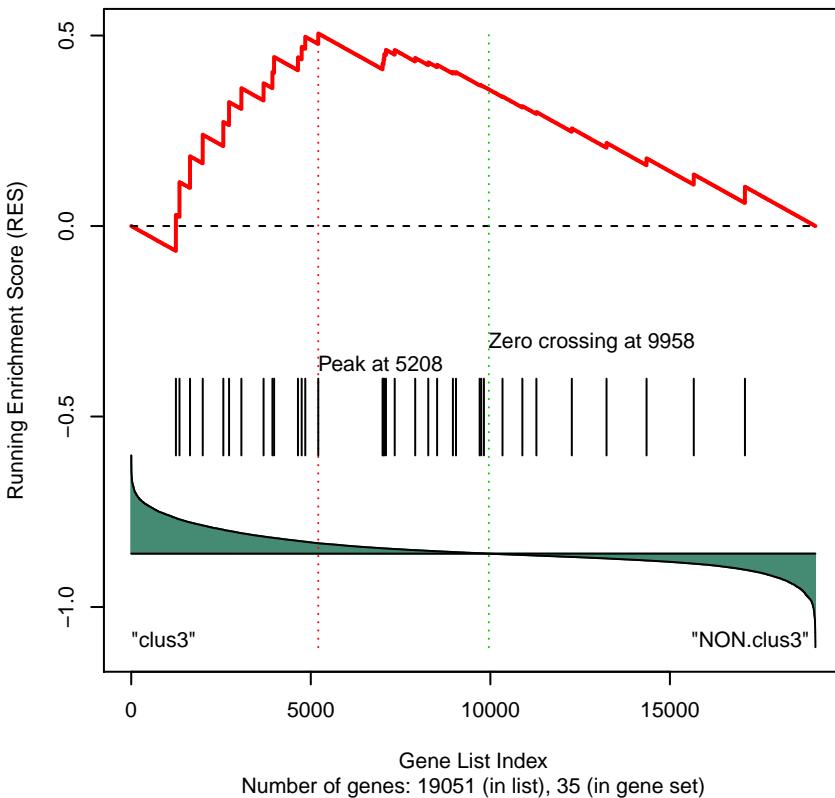
Gene Set Null Distribution

P(ES)

—— Gene Set Null Density
—— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.505 NES = 1.45 Nom. p–val= 0.0656 FWER= 0.891 FDR= 0.607
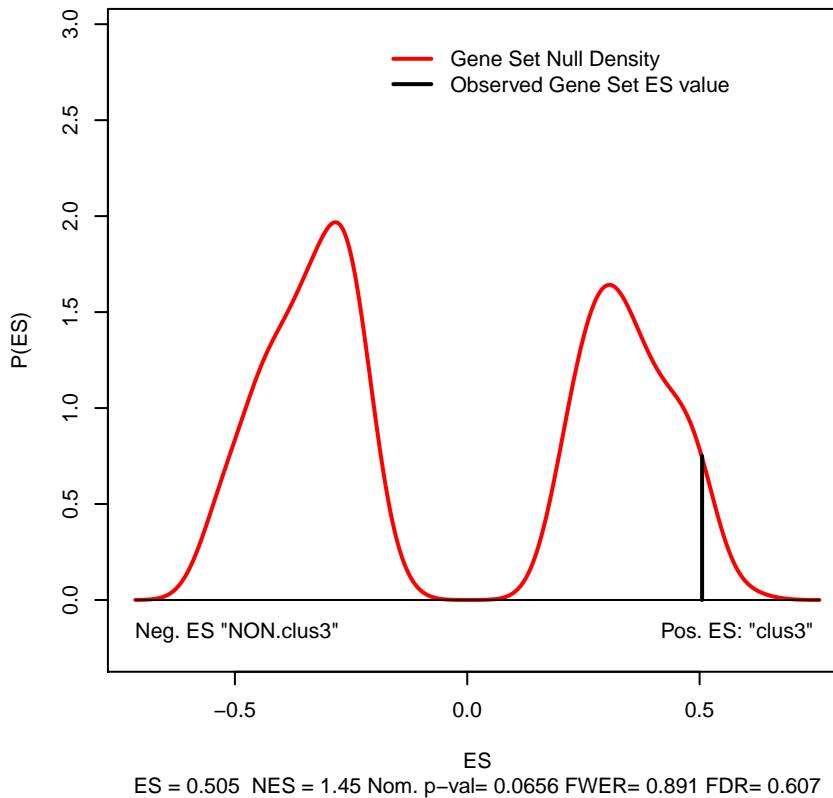
Heat Map for Genes in Gene Set

clus3   NON.clus3

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