Gene Set 2 : BIOCARTA_AGR_PATHWAY

Running Enrichment Score (RES)

Peak at 516

Zero crossing at 9167

"clus1"

"NON.clus1"

Gene List Index

Number of genes: 18646 (in list), 35 (in gene set)
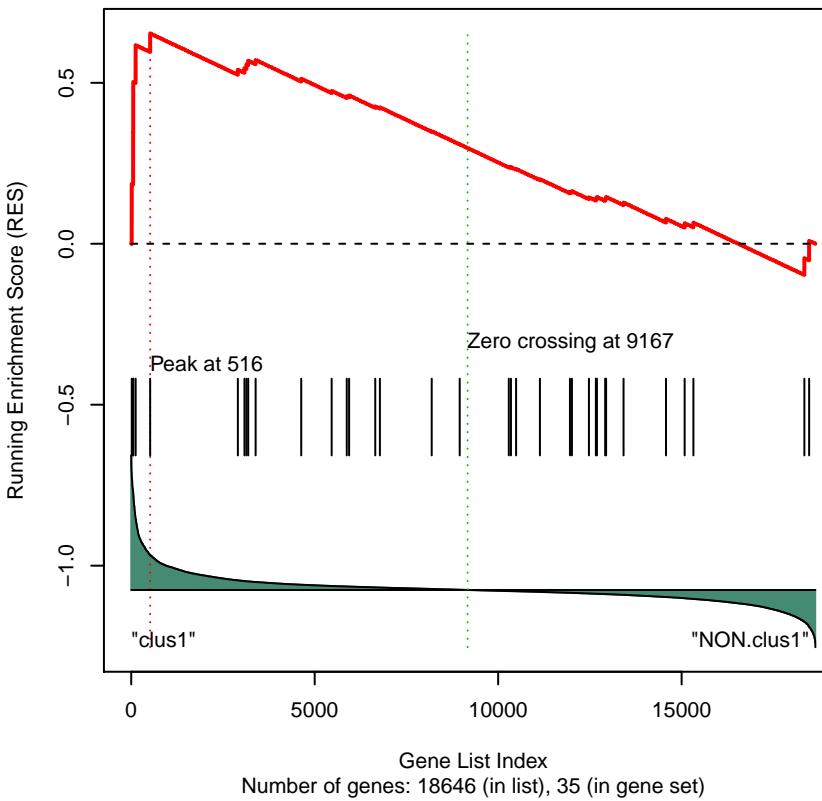
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = 0.653 NES = 1.83 Nom. p–val= 0.00195 FWER= 0.227 FDR= 0.129
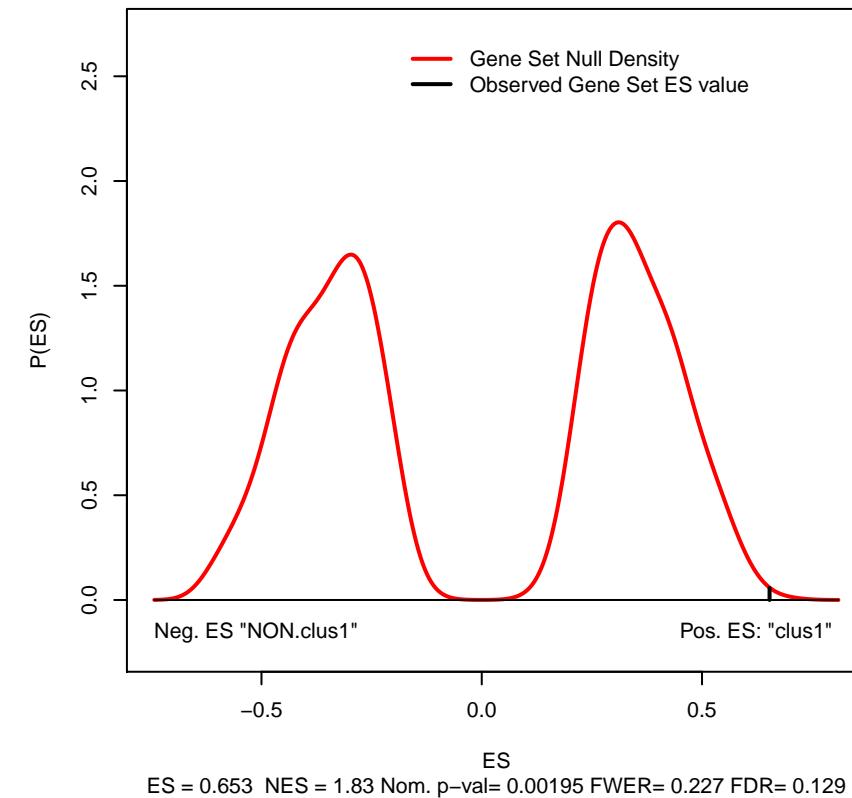
Heat Map for Genes in Gene Set

clus1   NON.clus1

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