Gene Set 27 : BIOCARTA_NFAT_PATHWAY

Running Enrichment Score (RES)

Peak at 6439

Zero crossing at 10775

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 18048 (in list), 49 (in gene set)
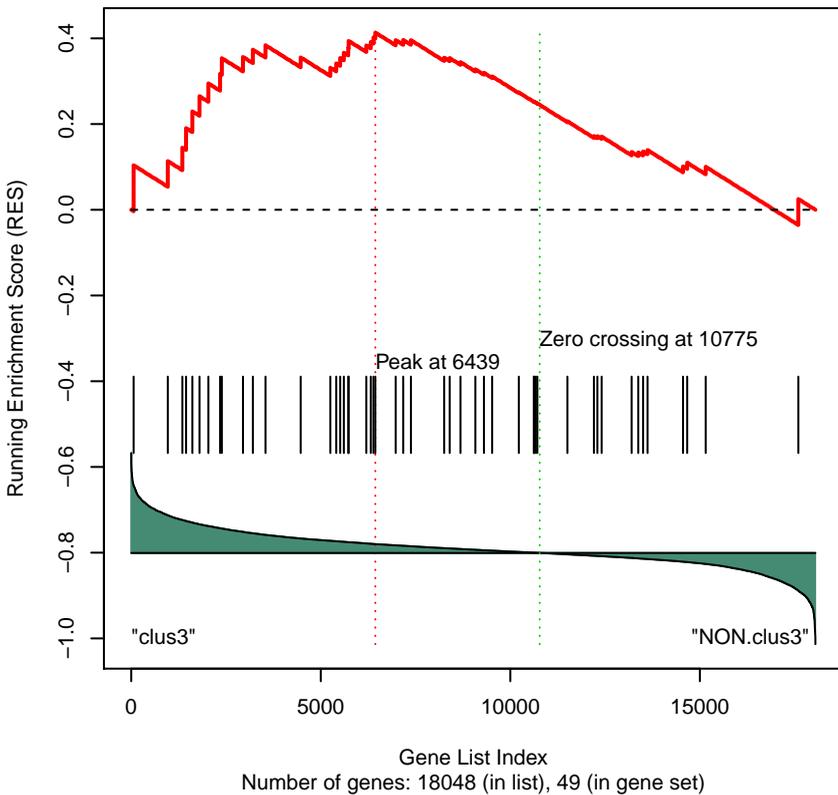
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.413 NES = 1.35 Nom. p–val= 0.108 FWER= 0.975 FDR= 0.898
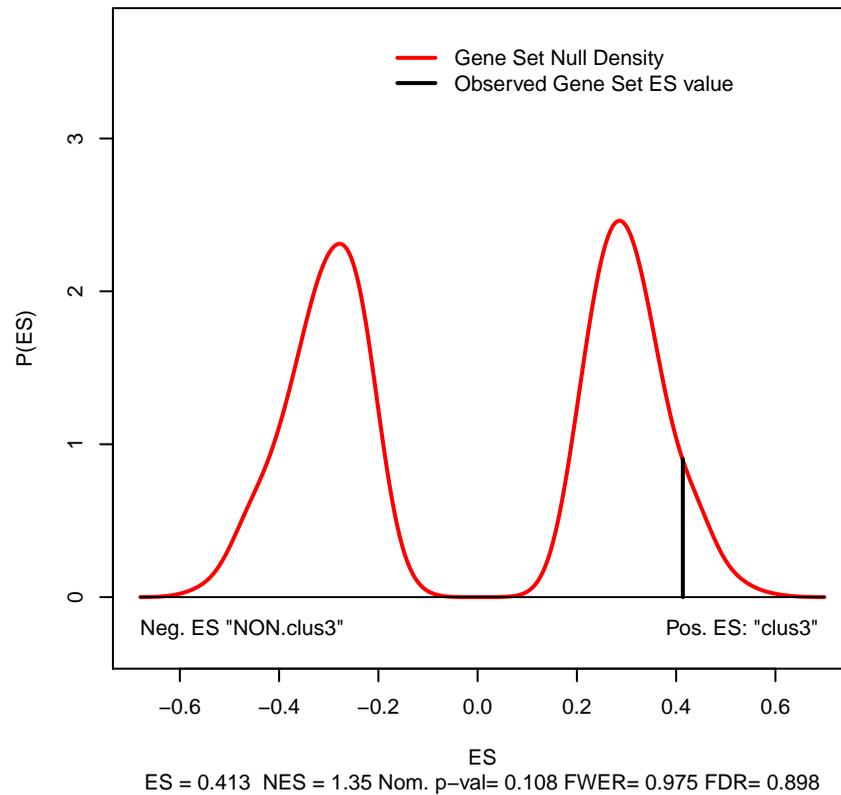
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
FGF2
HAND2
NKX2-5
NFATC2
PRKAR2B
LIF
HBEGF
PRKAR1B
MAPK8
CAMK1
PRKACB
PIK3CA
PPP3CA
NFATC4
EDN1
NFATC3
CTF1
RPS6KB1
ACTA1
AGT
HAND1
CSNK1A1
MYH2
CALM2
PRKAR2A
MAP2K1
PRKAR1A
GSK3B
IGF1
PPP3CB
CREBBP
PIK3R1
MAPK14
CALR
RAF1
CALM3
FKBP1A
CAMK4
CALM1
NPPA
MAPK1
GATA4
MAPK3
HRAS
PIK3CG
AKT1
NFATC1
PPP3CC
CAMK1G