Gene Set 117 : KEGG_NOTCH_SIGNALING_PATHWAY

Running Enrichment Score (RES)

Peak at 6773

Zero crossing at 10223

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 17996 (in list), 45 (in gene set)
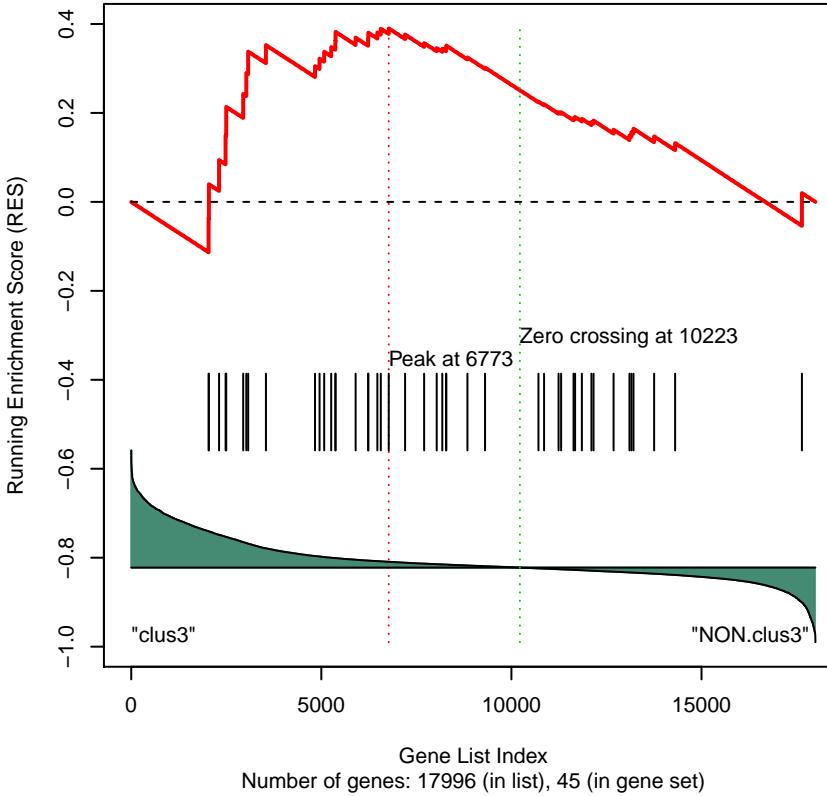
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.39 NES = 1.46 Nom. p–val= 0.1 FWER= 0.893 FDR= 0.12
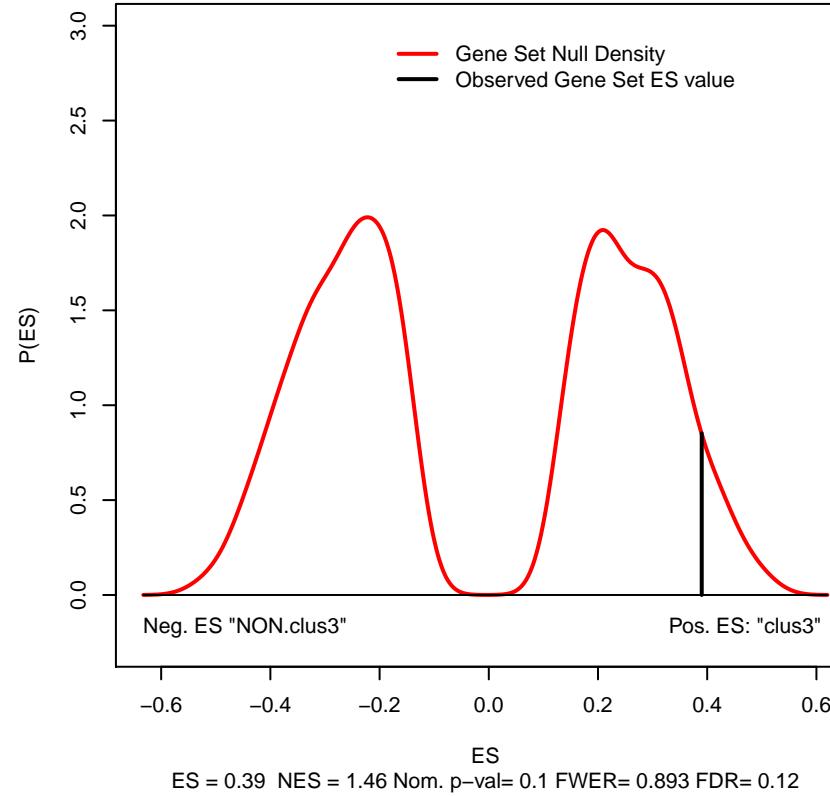
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
DTX1
DTX3
NOTCH3
NOTCH4
PTCRA
NUMBL
MAML2
KAT2B
NOTCH2
EP300
MAML3
RBPJ
CIR1
CREBBP
ADAM17
DTX3L
NCOR2
JAG1
SNW1
MAML1
JAG2
DLL4
NOTCH1
NUMB
DVL2
DVL3
DLL1
NCSTN
PSEN1
DTX4
HDAC2
LFNG
PSENEN
APH1A
PSEN2
HDAC1
CTBP1
CTBP2
DLL3
RFNG
DTX2
DVL1
KAT2A
HES1
HES5