Gene Set 421 : REACTOME_NUCLEAR_SIGNALING_BY_ERBB4

Running Enrichment Score (RES)

Peak at 3603

Zero crossing at 8997

"clus4"

"NON.clus4"

Gene List Index
Number of genes: 18525 (in list), 34 (in gene set)
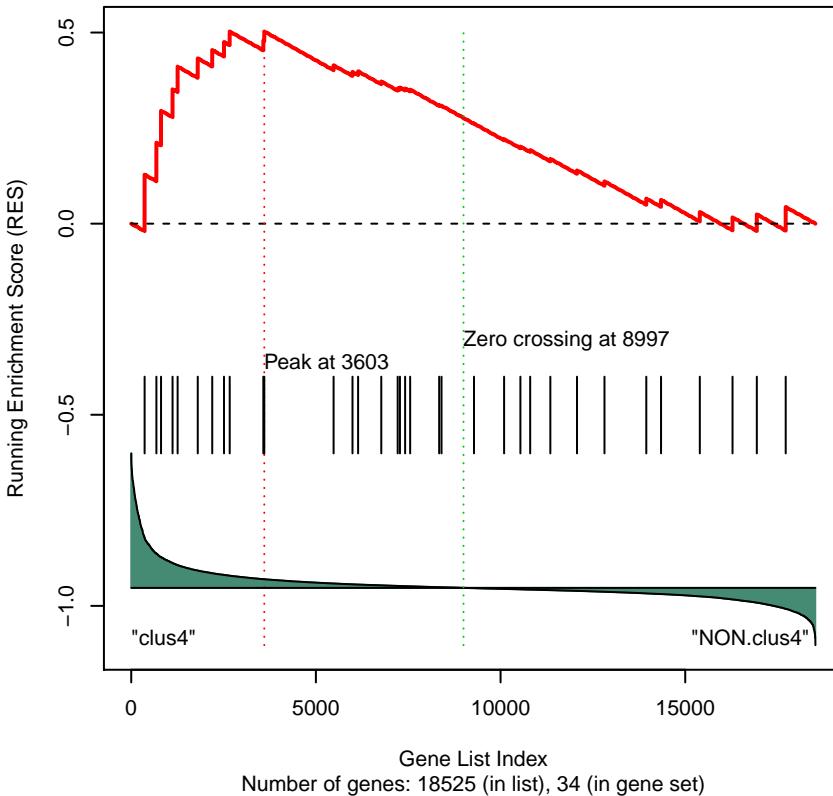
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.503 NES = 1.49 Nom. p–val= 0.048 FWER= 0.985 FDR= 1
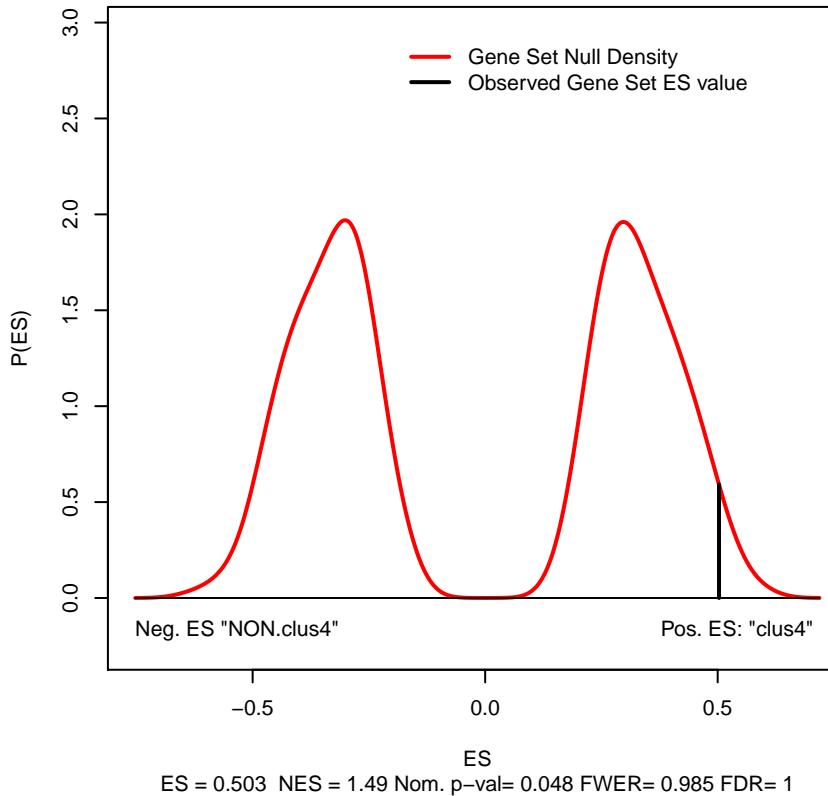
Heat Map for Genes in Gene Set

clus4   NON.clus4

Class
PGR
ESR1
PRLR
ERBB4
NRG4
PSENEN
NRG2
S100B
BTC
APH1B
WWOX
STAT5A
CXCL12
BTRC
PSEN2
RBX1
STAT5B
JAK2
SH2B1
NCOR1
PSEN1
SKP1
NCSTN
HBEGF
CUL1
PRL
YAP1
GHR
APH1A
TAB2
ADAM17
NRG1
EREG
GFAP