Gene Set 320 : PID_FOXM1PATHWAY

Running Enrichment Score (RES)

Zero crossing at 8788

Peak at 5495

"clus4"

"NON.clus4"

Gene List Index
Number of genes: 18646 (in list), 39 (in gene set)
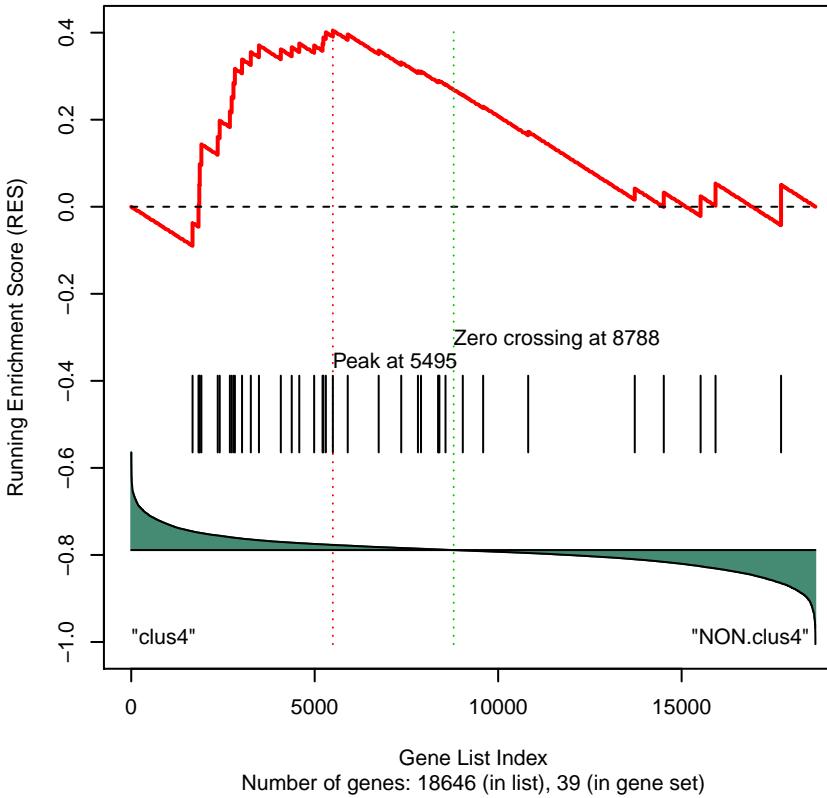
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.405 NES = 1.57 Nom. p–val= 0.0283 FWER= 0.957 FDR= 0.899
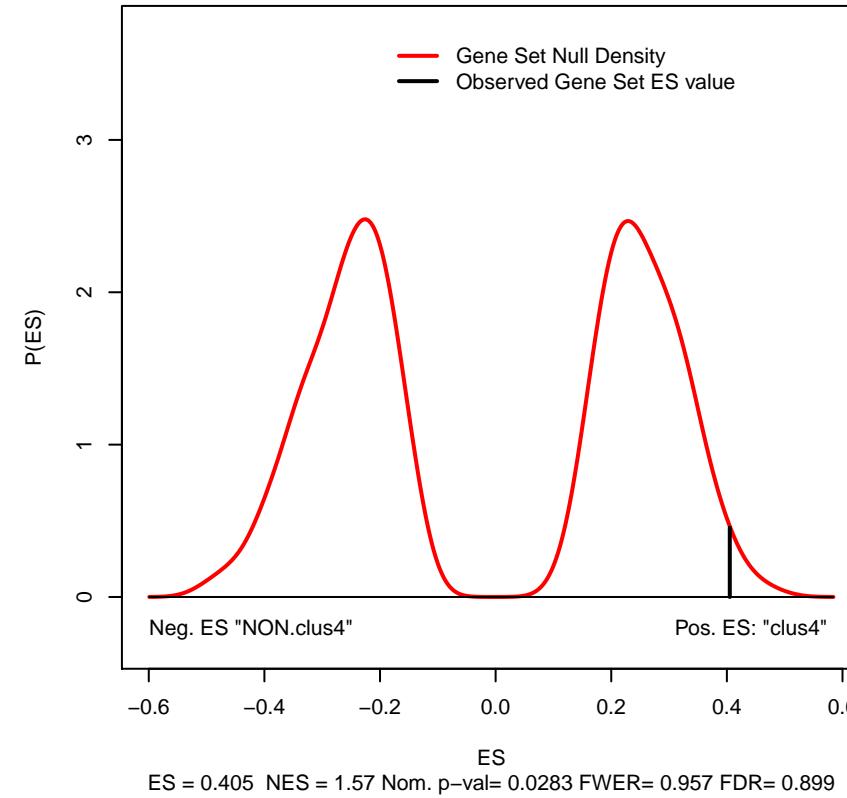
Heat Map for Genes in Gene Set

clus4   NON.clus4

Class
CENPA
CDKN2A
ONECUT1
CCNA2
FOXM1
MMP2
NEK2
CENPF
CDC25B
CCNB2
GAS1
CDK2
BIRC5
PLK1
ETV5
NFATC3
GSK3A
SKP2
XRCC1
LAMA4
AURKB
CDK4
CREBBP
CENPB
CCNB1
CDK1
EP300
SP1
TGFA
BRCA2
CKS1B
CCNE1
CHEK2
MAP2K1
FOS
CCND1
MYC
RB1
ESR1