Gene Set 438 : REACTOME_SIGNALLING_TO_ERKS

Running Enrichment Score (RES)

Zero crossing at 8788

Peak at 4145

"clus4"

"NON.clus4"

Gene List Index
Number of genes: 18646 (in list), 36 (in gene set)
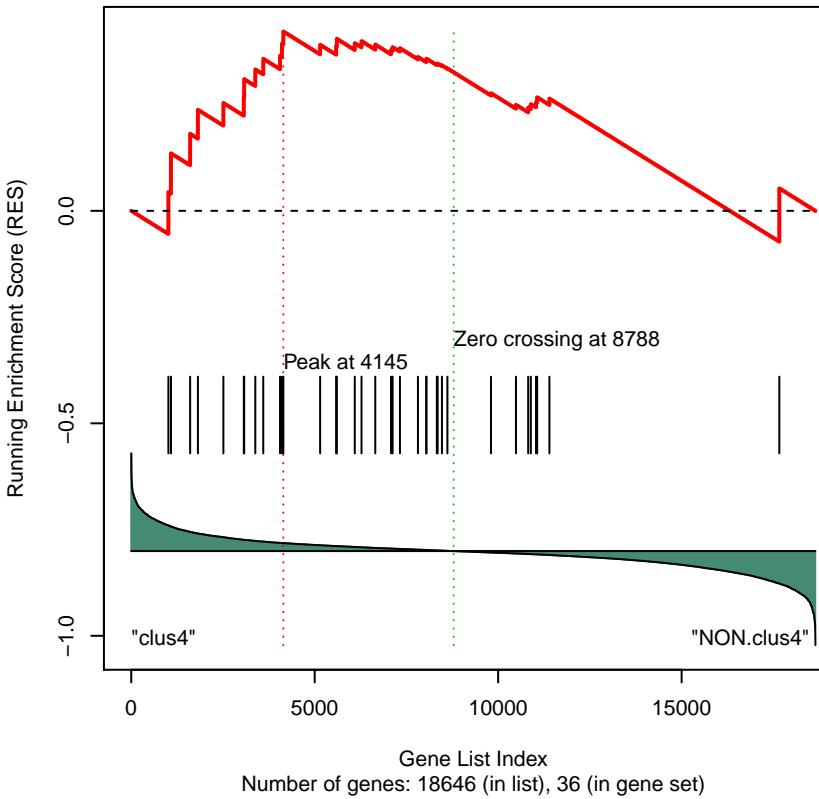
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus4"

Pos. ES: "clus4"

ES

ES = 0.422 NES = 1.55 Nom. p–val= 0.0668 FWER= 0.964 FDR= 0.881
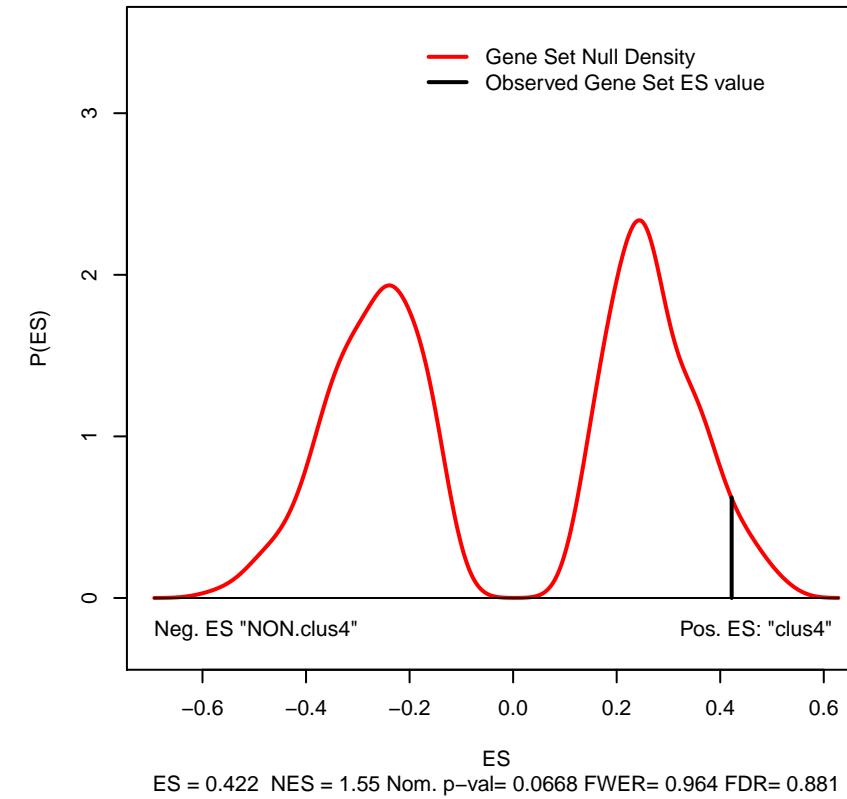
Heat Map for Genes in Gene Set

clus4   NON.clus4

Class
RIT2
MAPK11
NGF
SHC3
NTRK1
MAPK12
FRS2
MAPK14
PLCG1
RAF1
HRAS
RAPGEF1
CRK
RIT1
NRAS
MAPK3
MAPK1
RALGDS
RALB
SOS1
RALA
CDK1
SHC2
YWHAB
KRAS
MAP2K2
MAPKAPK2
RAP1A
KIDINS220
SHC1
MAP2K1
BRAF
SRC
GRB2
MAPKAPK3
MAPK13