Gene Set 460 : REACTOME_SIGNALING_BY_FGFR_MUTANTS

Running Enrichment Score (RES)

Peak at 861

Zero crossing at 9015

"clus2"

"NON.clus2"

Gene List Index
Number of genes: 18525 (in list), 39 (in gene set)
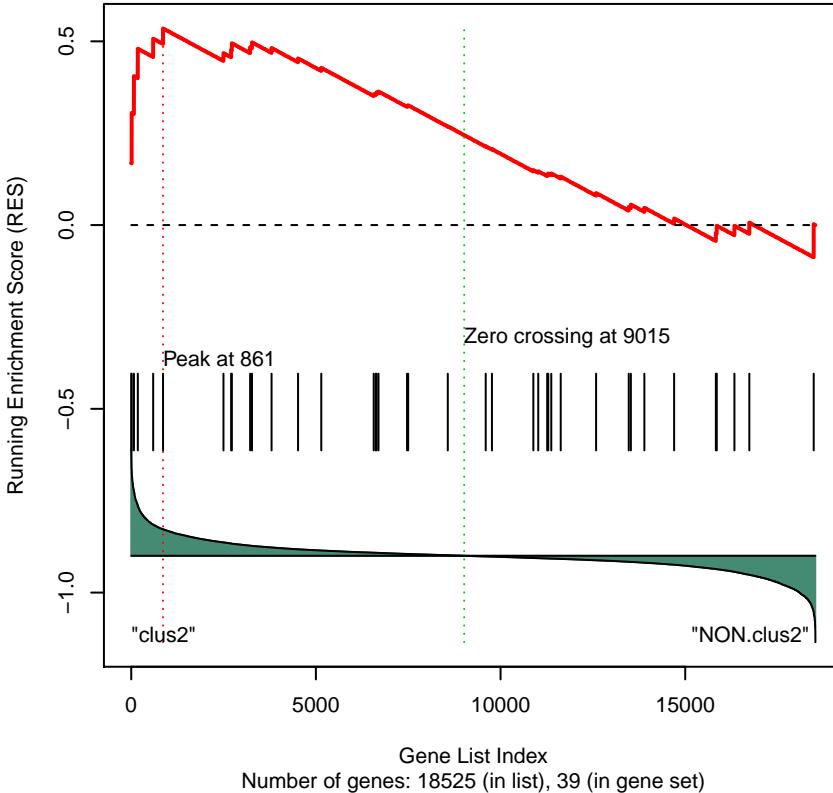
Gene Set Null Distribution

P(ES)

Gene Set Null Density
Observed Gene Set ES value

Neg. ES "NON.clus2"

Pos. ES: "clus2"

ES

ES = 0.535 NES = 1.71 Nom. p–val= 0.0102 FWER= 0.745 FDR= 0.596
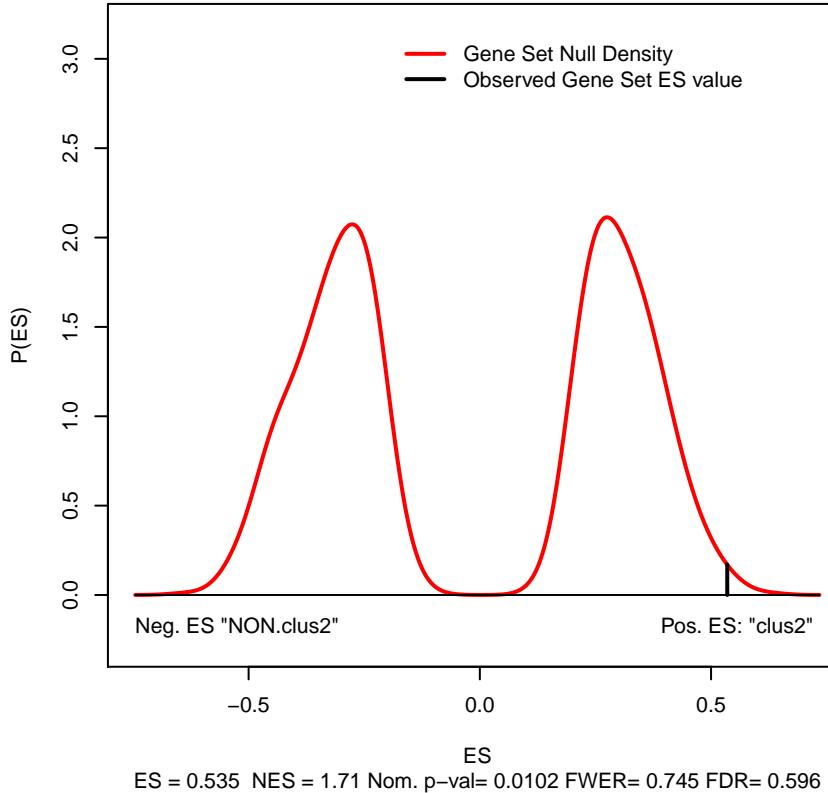
Heat Map for Genes in Gene Set

clus2   NON.clus2

Class
FGF20
FGF3
FGF8
FGF22
FGF17
FGF9
PIK3R1
FGFR1
FGF7
PLCG1
TRIM24
FGF2
ZMYM2
GAB1
FGF5
FGF23
HRAS
STAT5B
FRS2
CUX1
FGF18
FGFR1OP2
GAB2
MYO18A
CPSF6
STAT3
KRAS
FGF1
SOS1
NRAS
BCR
GRB2
STAT5A
FGFR1OP
STAT1
FGFR2
PIK3CA
FGFR4
FGFR3