REACTOME_THE_ROLE_OF_NEF_IN_HIV1_REPLICATION_AND_DISEA

Running Enrichment Score (RES)

Zero crossing at 13352

Peak at 18818

"Benign"

"Malignant"

Gene List Index
Number of genes: 25691 (in list), 26 (in gene set)
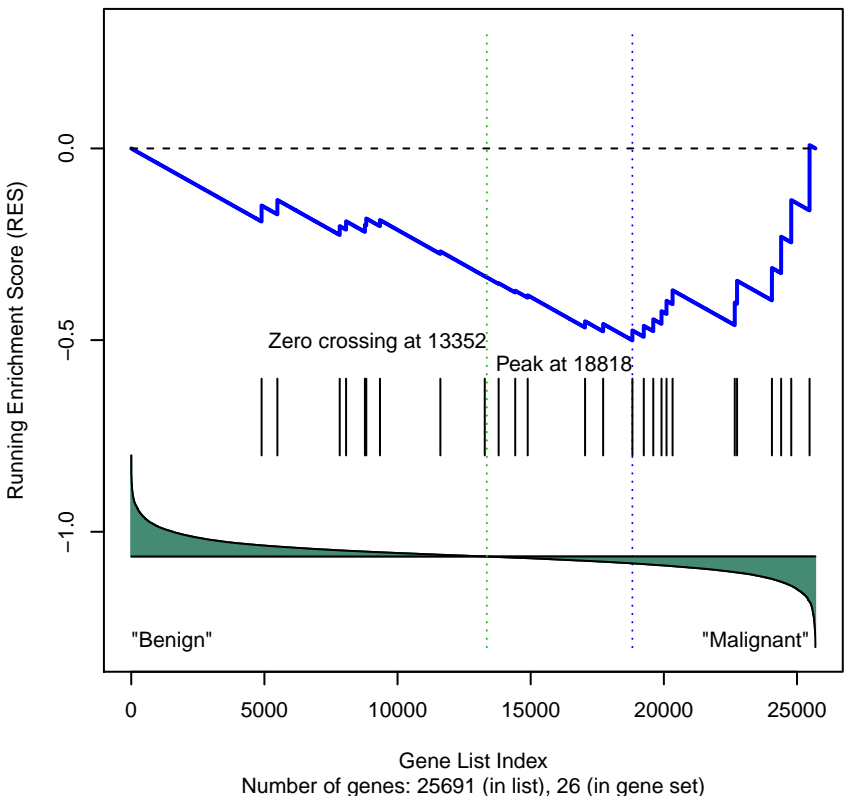
Gene Set Null Distribution

— Gene Set Null Density
— Observed Gene Set ES value

P(ES)

Neg. ES "Malignant"

Pos. ES: "Benign"

ES

ES = −0.501 NES = −1.79 Nom. p−val= 0.0119 FWER= 0.646 FDR= 0.465
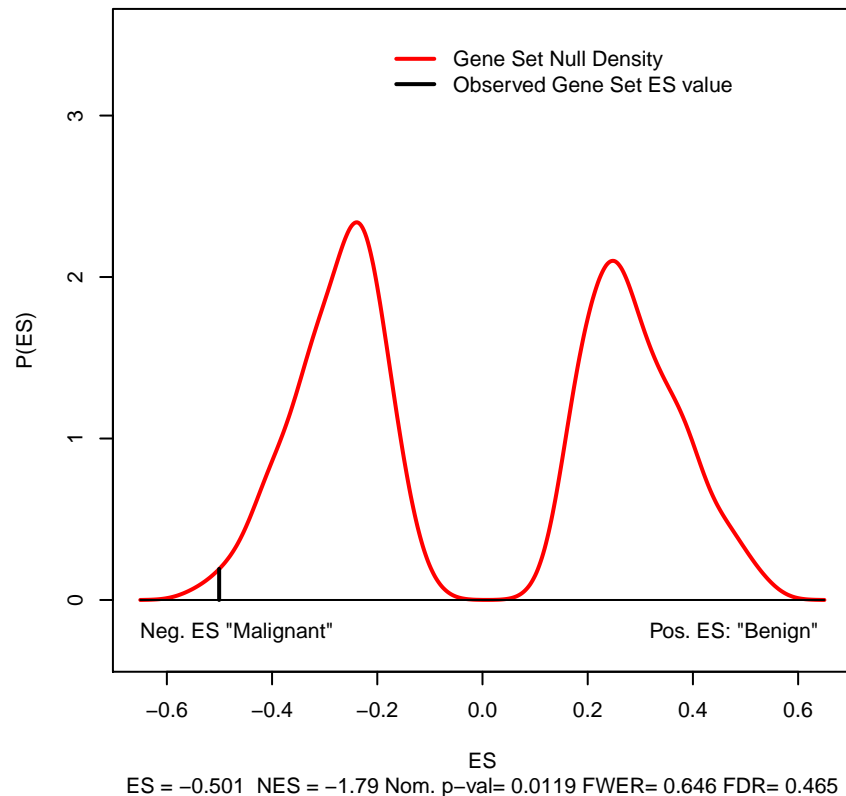
Heat Map for Genes in Gene Set

Benign   Malignant

Class
AP1G1
CD247
AP2A2
FYN
AP2A1
PAK2
DOCK2
AP2S1
LCK
AP1B1
CD4
CD8B
AP1M1
AP2M1
ATP6V1H
HCK
AP1S1
ARF1
B2M
AP2B1
AP1M2
PACS1
RAC1
CD28
AP1S2
ELMO1

GSM721588
GSM721589
GSM721590
GSM721591
GSM721592
GSM721611
GSM721612
GSM721613
GSM721614
GSM721615
GSM721616
GSM721617
GSM721618