Enrichment plot: HALLMARK_REACTIVE_OXYGEN_SPECIES_PATHW

Running Enrichment Score (RES)

Zero crossing at 12612

Peak at 21652

"cancer"

"ctrl"

Gene List Index
Number of genes: 25221 (in list), 49 (in gene set)
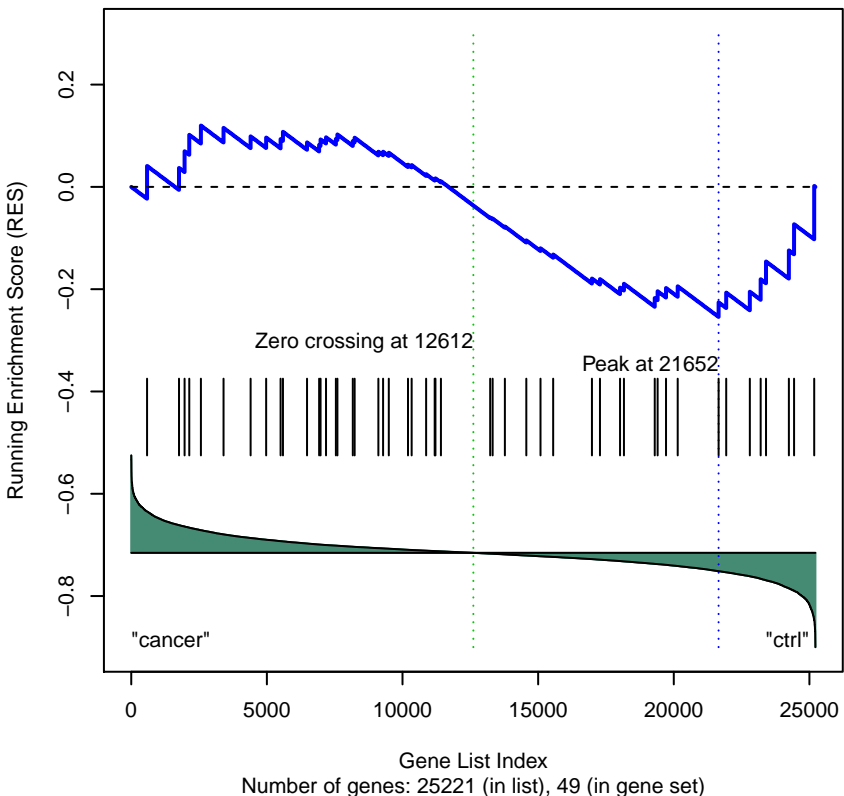
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "ctrl"

Pos. ES: "cancer"

ES
ES = −0.254 NES = −0.885 Nom. p−val= 0.681 FWER= 1 FDR= 1
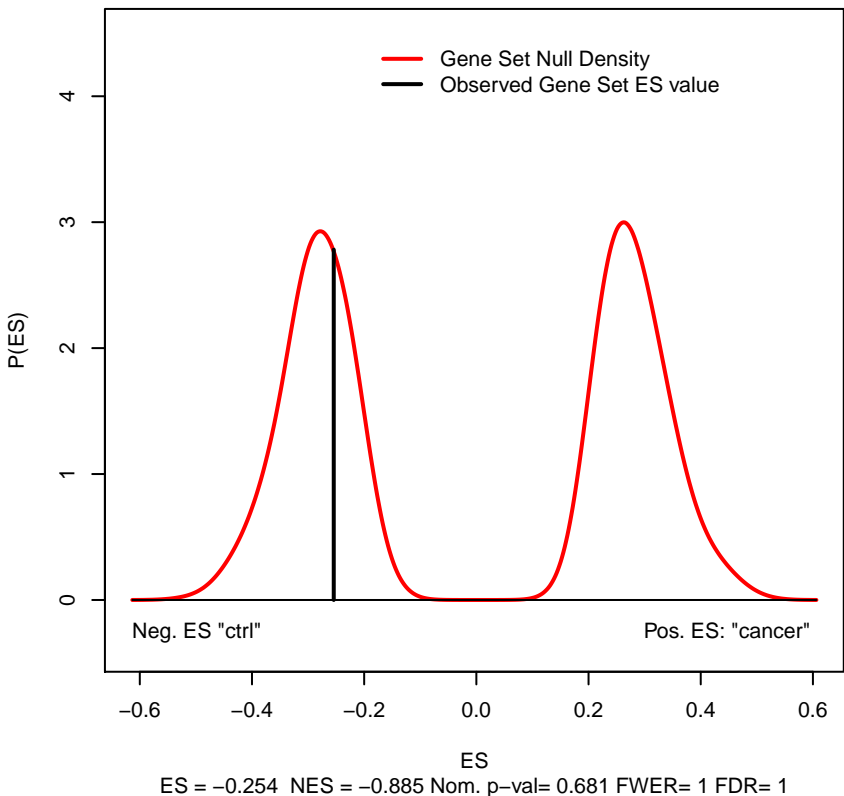
Heat Map for Genes in Gene Set

cancer   ctrl

Class
STK25
JUNB
PDLIM1
OXSR1
GPX4
GCLM
HMOX2
G6PD
EGLN2
MGST1
GPX3
FTL
PRNP
SBNO2
LSP1
SCAF4
ERCC2
PTPA
CAT
CDKN2D
ABCC1
TXN
SRXN1
PRDX2
GLRX2
MBP
SOD2
GSR
ATOX1
LAMTOR5
MPO
SOD1
IPCEF1
NDUFS2
NQO1
NDUFA6
NDUFB4
HHEX
TXNRD2
PFKP
SELENOS
FES
PRDX6
GCLC
PRDX4
GLRX
TXNRD1
MSRA
PRDX1

B1 B2 B3 B4 A1 A2 A3 A4