Gene Set 92 : KEGG_PROTEASOME

Zero crossing at 10679

Peak at 13479

"clus3"

"NON.clus3"

Running Enrichment Score (RES)

Gene List Index

Number of genes: 18646 (in list), 41 (in gene set)
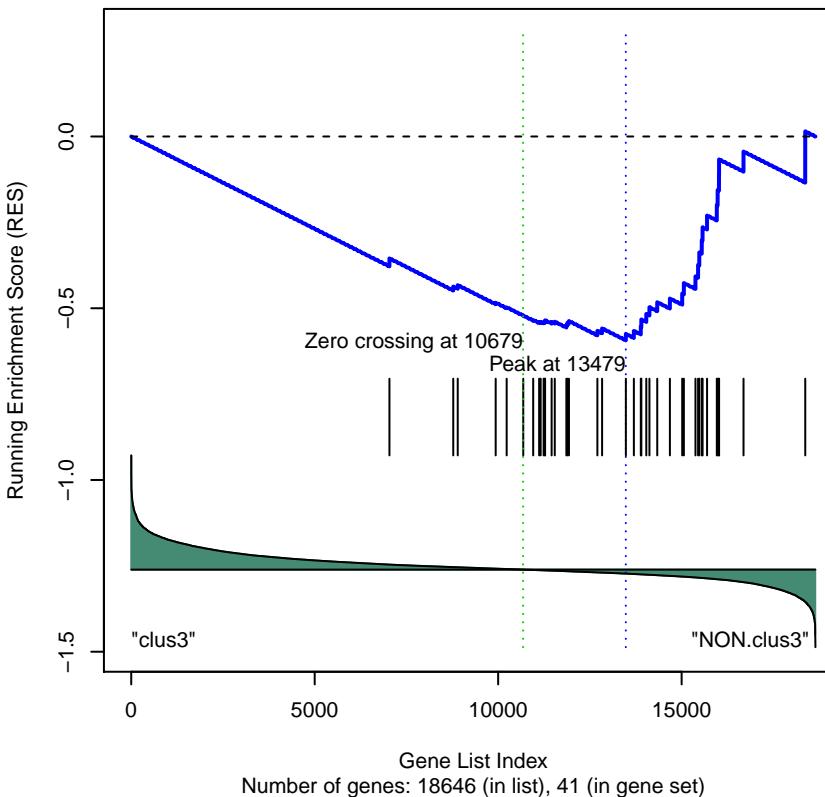
Gene Set Null Distribution

— Gene Set Null Density
— Observed Gene Set ES value

P(ES)

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = −0.593 NES = −1.76 Nom. p−val= 0.0317 FWER= 0.348 FDR= 0.676
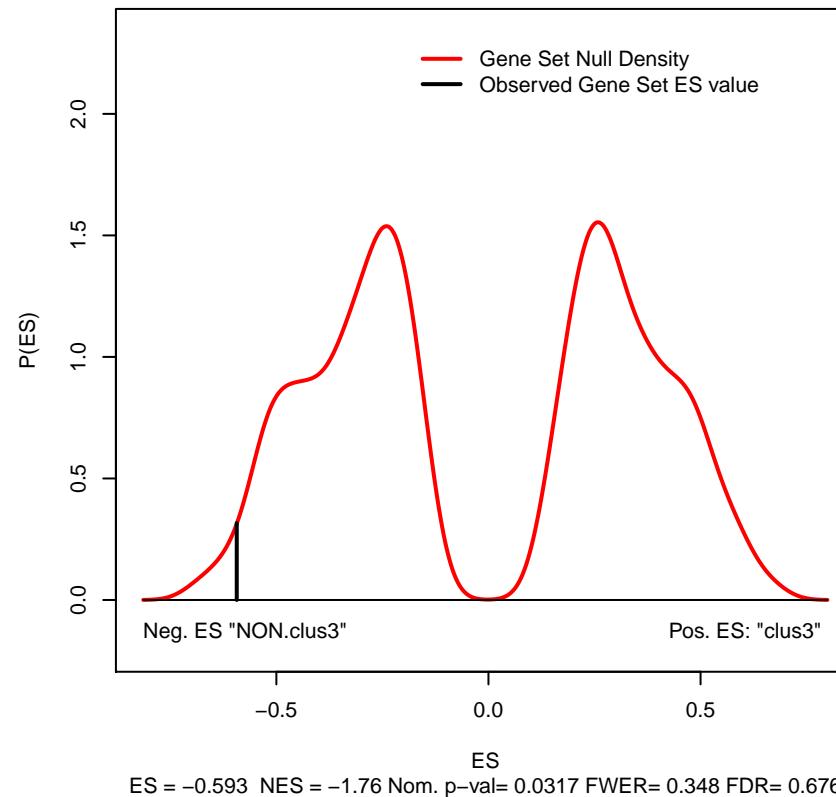
Heat Map for Genes in Gene Set

clus3   NON.clus3

Class
PSME3
PSMB3
PSMF1
PSMD12
PSMA7
PSMD11
PSMB5
PSMD8
PSMC4
PSMC5
PSMD3
PSMD14
PSME4
PSMD1
PSMB2
POMP
PSMB7
PSMD7
PSMC6
PSMA5
PSMD2
PSMA2
PSMB6
PSMB4
PSMD4
PSMA3
SHFM1
PSMA4
PSME1
PSMC2
PSMD13
PSMC3
IFNG
PSMA1
PSME2
PSMA6
PSMB1
PSMC1
PSMD6
PSMB8
PSMB9