Gene Set 176 : KEGG_MELANOMA

Running Enrichment Score (RES)

Peak at 2529

Zero crossing at 10223

"clus3"

"NON.clus3"

Gene List Index
Number of genes: 17996 (in list), 65 (in gene set)
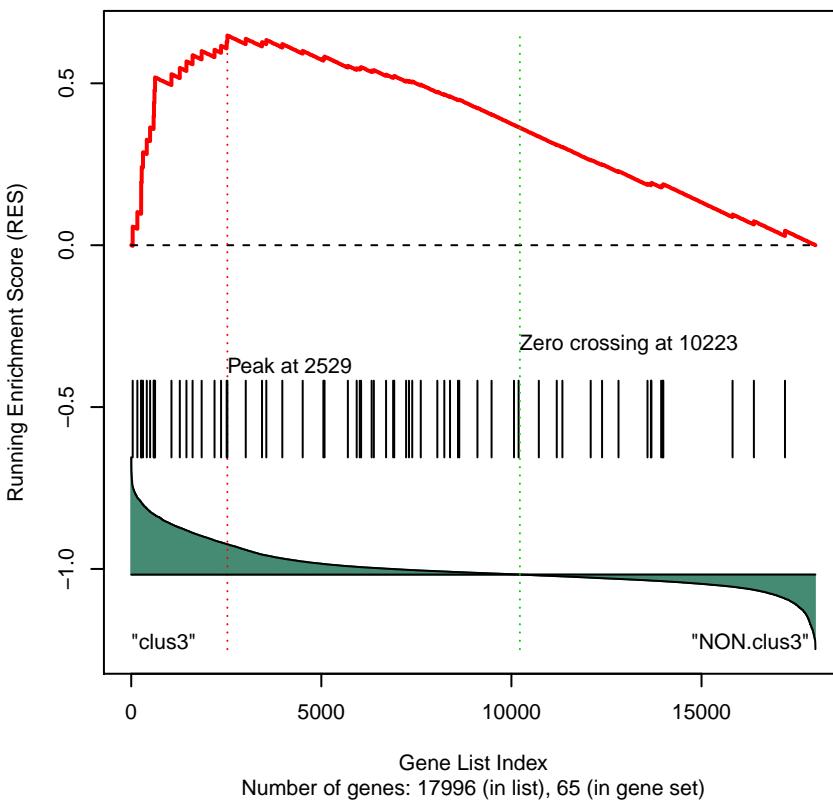
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus3"

Pos. ES: "clus3"

ES

ES = 0.648 NES = 1.79 Nom. p–val= 0 FWER= 0.308 FDR= 0.0765
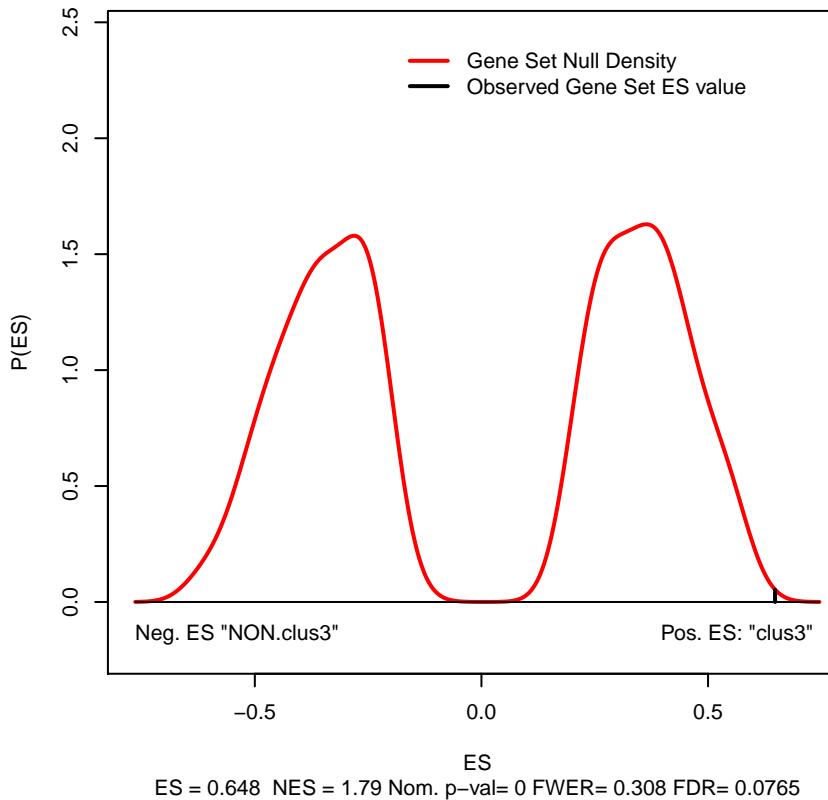
Heat Map for Genes in Gene Set

clus3

NON.clus3

Class
FGF1
IGF1
FGF14
FGF5
FGF7
MITF
HGF
FGF2
AKT3
PIK3R5
FGF10
PIK3CG
PDGFC
PIK3CD
FGFR1
FGF12
PDGFRB
FGF11
PDGFB
PDGFRA
PDGFD
FGF13
FGF9
PIK3CA
FGF18
EGFR
IGF1R
PIK3R3
PIK3R1
CDK6
BRAF
FGF19
PDGFA
CCND1
PTEN
RB1
E2F3
FGF20
PIK3CB
KRAS
FGF23
MAP2K1
FGF3
CDKN2A
NRAS
MAPK1
MET
MDM2
AKT1
RAF1
AKT2
CDH1
CDKN1A
ARAF
PIK3R2
FGF8
CDK4
HRAS
BAD
MAPK3
TP53
MAP2K2
E2F2
EGF
FGF17