Gene Set 60 : KEGG_VALINE_LEUCINE_AND_ISOLEUCINE_DEGRADATION

Running Enrichment Score (RES)

Zero crossing at 7900

Peak at 12997

"clus1" "NON.clus1"

Gene List Index
Number of genes: 18457 (in list), 43 (in gene set)
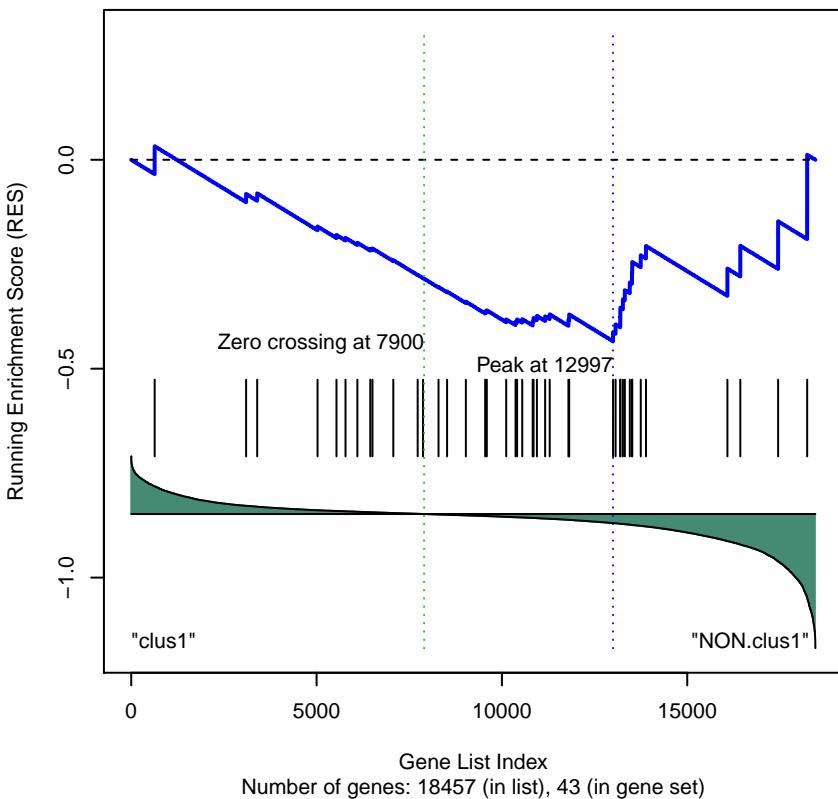
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1" Pos. ES: "clus1"

ES

ES = −0.434 NES = −1.53 Nom. p−val= 0.076 FWER= 0.84 FDR= 0.343
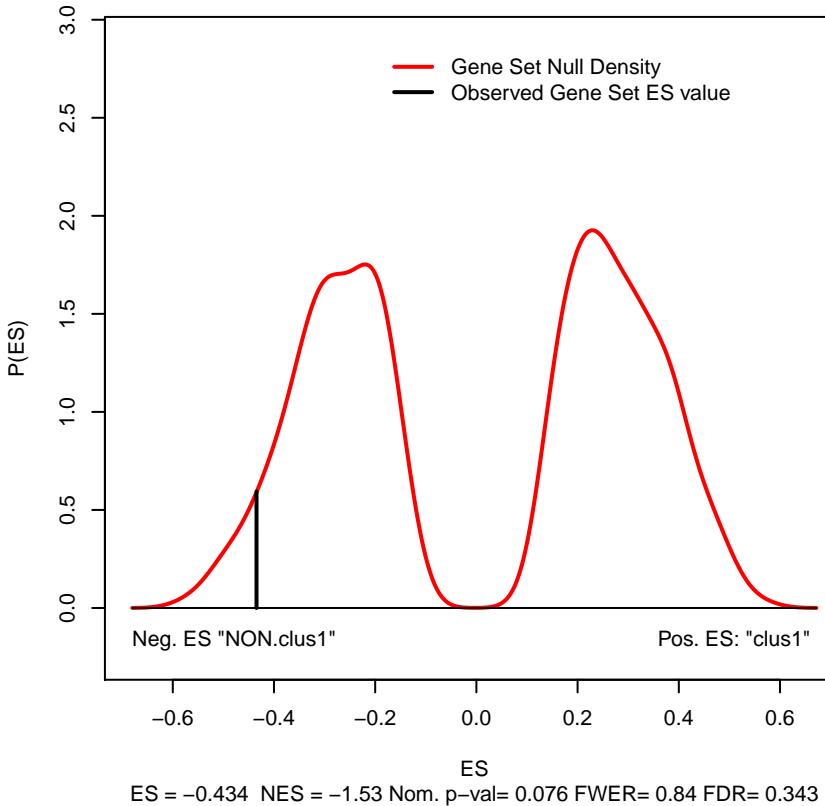
Heat Map for Genes in Gene Set

clus1 NON.clus1

Class
HMGCS2
ALDH1B1
HMGCS1
EHHADH
ALDH2
HIBCH
MCCC2
ECHS1
ACADS
ALDH7A1
HIBADH
ACAA1
HMGCL
IL4I1
BCKDHB
HADHB
HADHA
DLD
HSD17B10
ACAD8
IVD
MCEE
ACAT2
PCCB
ALDH9A1
MUT
DBT
BCAT2
OXCT1
BCKDHA
ACAA2
ACADM
ALDH3A2
ACADSB
MCCC1
ALDH6A1
AUH
PCCA
HADH
ACAT1
OXCT2
ABAT
AOX1