Gene Set 80 : KEGG_RETINOL_METABOLISM

Running Enrichment Score (RES)

Zero crossing at 7660

Peak at 14859

"clus1"

"NON.clus1"

Gene List Index
Number of genes: 17717 (in list), 43 (in gene set)
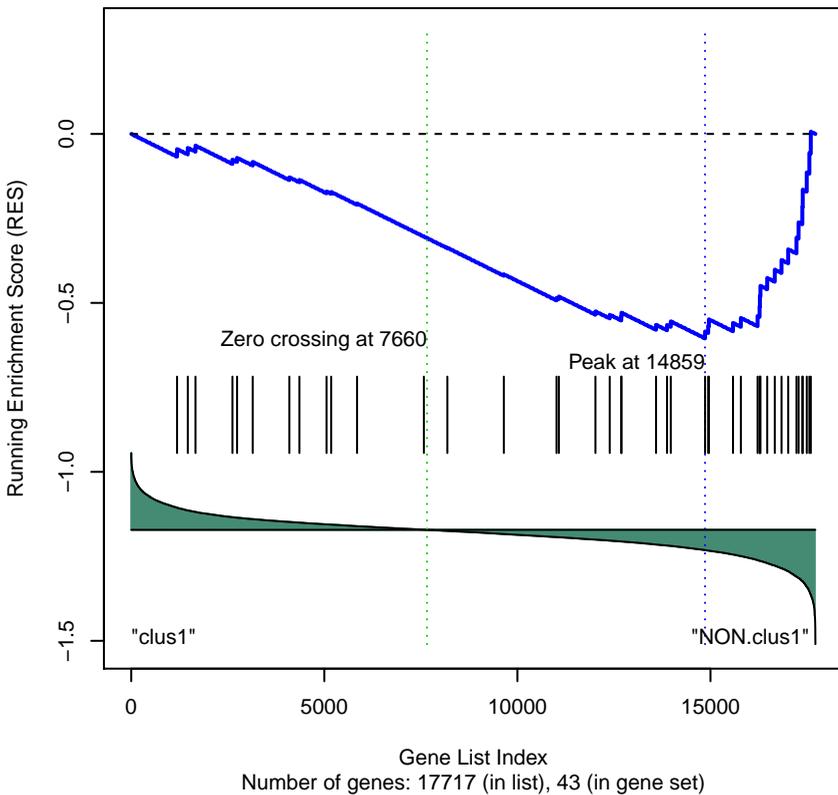
Gene Set Null Distribution

P(ES)

— Gene Set Null Density
— Observed Gene Set ES value

Neg. ES "NON.clus1"

Pos. ES: "clus1"

ES

ES = −0.605 NES = −1.5 Nom. p−val= 0.0432 FWER= 0.88 FDR= 0.611
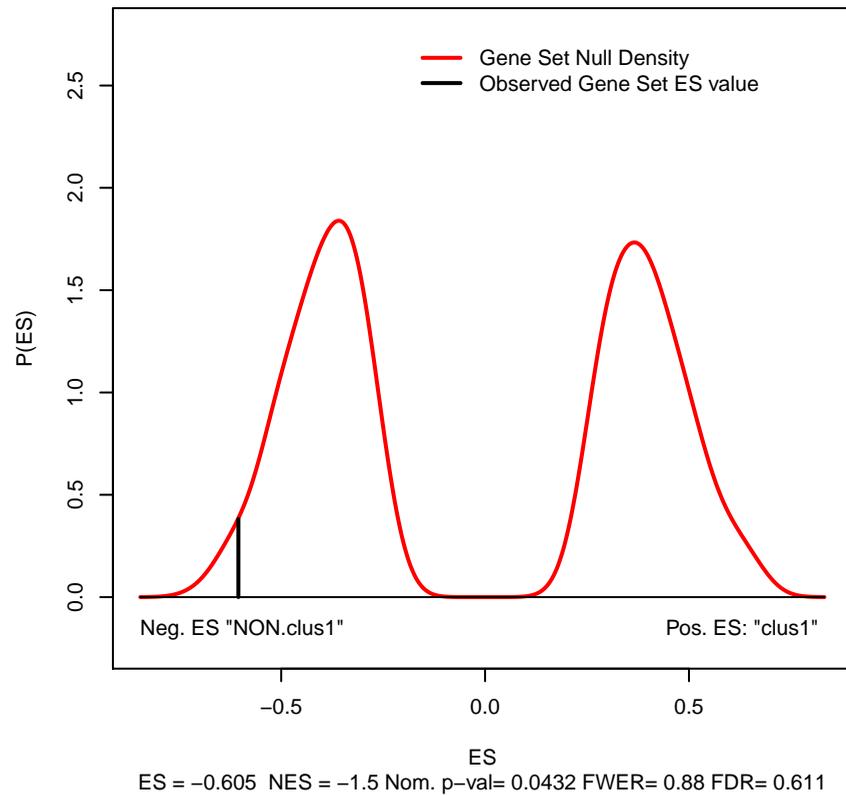
Heat Map for Genes in Gene Set

clus1

NON.clus1

Class
CYP26B1
RDH5
CYP26A1
RDH8
DHRS4L2
DHRS4
CYP2C18
CYP1A1
RDH10
RDH11
DGAT1
RDH16
RETSAT
UGT2B4
CYP1A2
DGAT2
ADH5
DHRS9
CYP26C1
RDH12
ALDH1A2
ALDH1A1
CYP2C9
CYP2A7
DHRS3
ADH1B
CYP3A43
PNPLA4
ADH1C
CYP2C8
LRAT
ADH4
ADH1A
UGT2A1
UGT2A3
BCMO1
UGT1A9
CYP2A6
ADH6
CYP3A5
CYP3A7
UGT1A6
UGT1A7