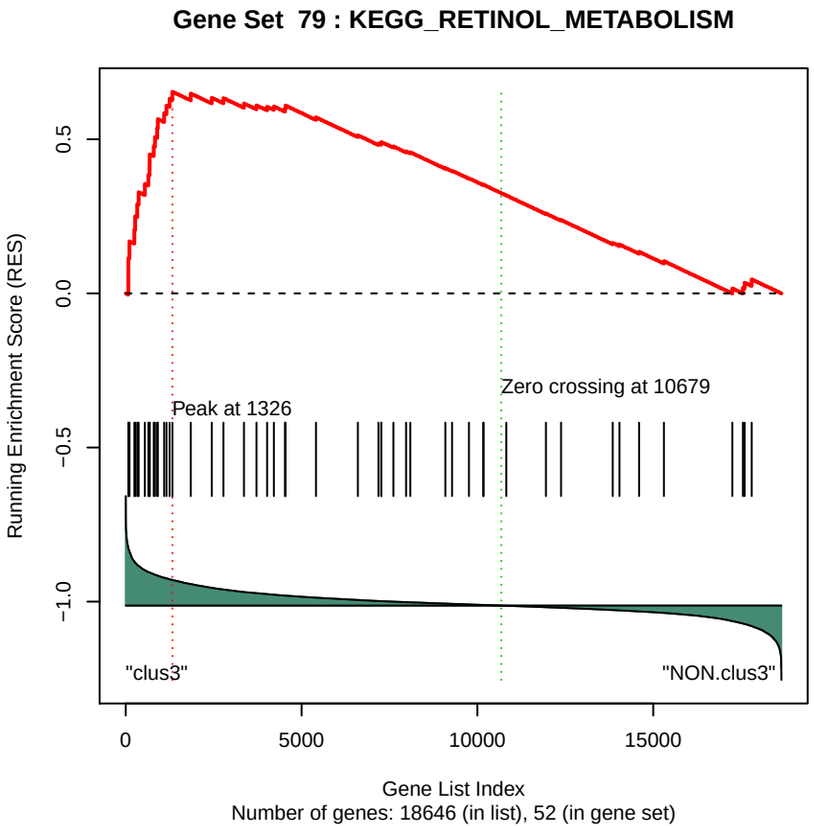
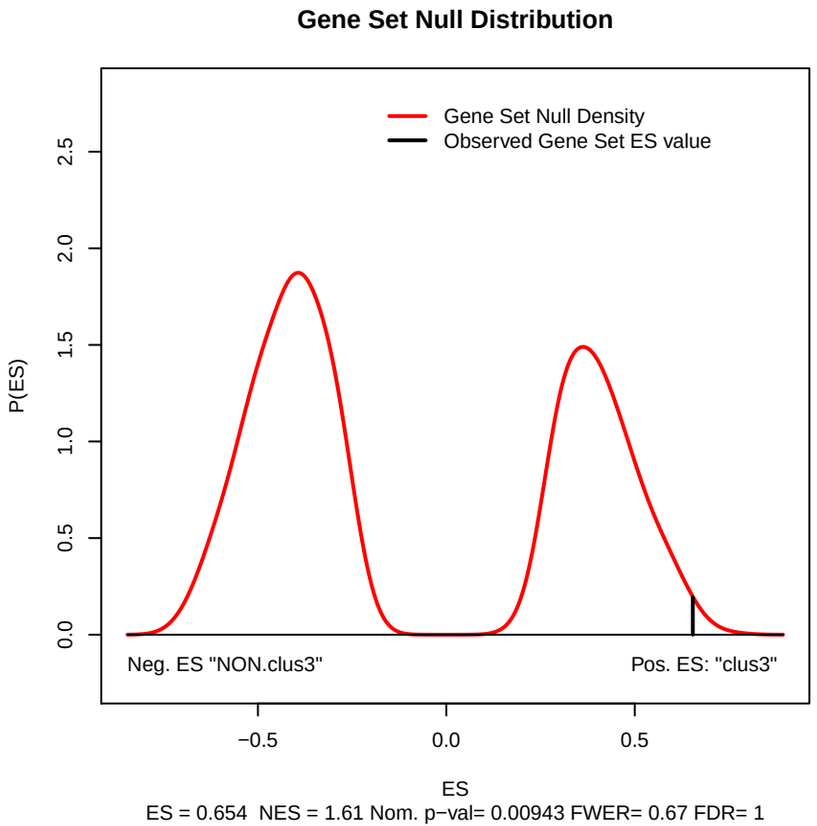
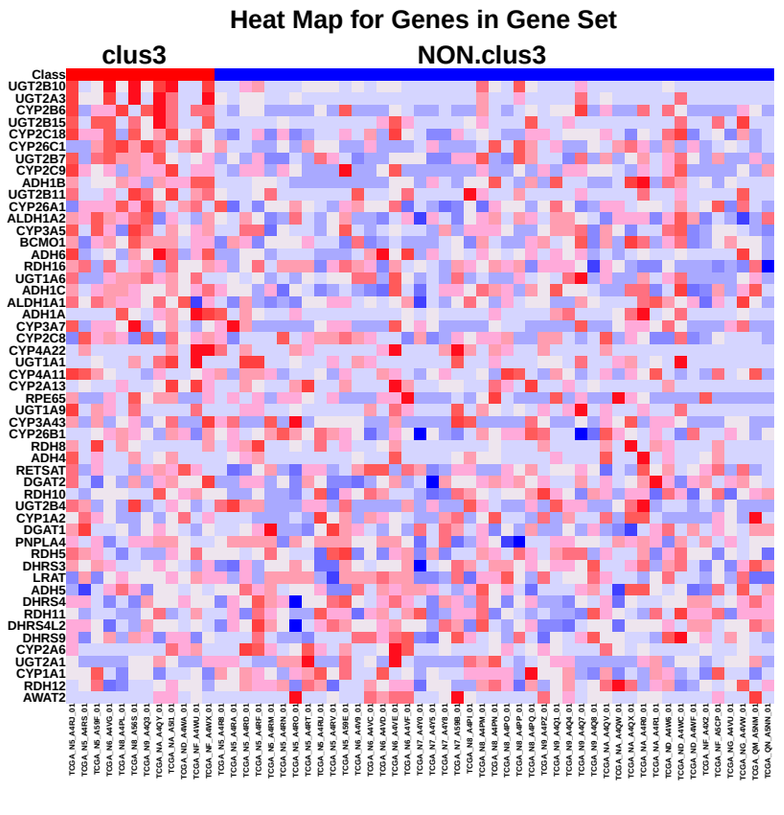

Gene Set 79 : KEGG_RETINOL_METABOLISM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1326
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 52 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.654 NES = 1.61 Nom. p−val= 0.00943 FWER= 0.67 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
UGT2B10
UGT2A3
CYP2B6
UGT2B15
CYP2C18
CYP26C1
UGT2B7
CYP2C9
ADH1B
UGT2B11
CYP26A1
ALDH1A2
CYP3A5
BCMO1
ADH6
RDH16
UGT1A6
ADH1C
ALDH1A1
ADH1A
CYP3A7
CYP2C8
CYP4A22
UGT1A1
CYP4A11
CYP2A13
RPE65
UGT1A9
CYP3A43
CYP26B1
RDH8
ADH4
RETSAT
DGAT2
RDH10
UGT2B4
CYP1A2
DGAT1
PNPLA4
RDH5
DHRS3
LRAT
ADH5
DHRS4
RDH11
DHRS4L2
DHRS9
CYP2A6
UGT2A1
CYP1A1
RDH12
AWAT2