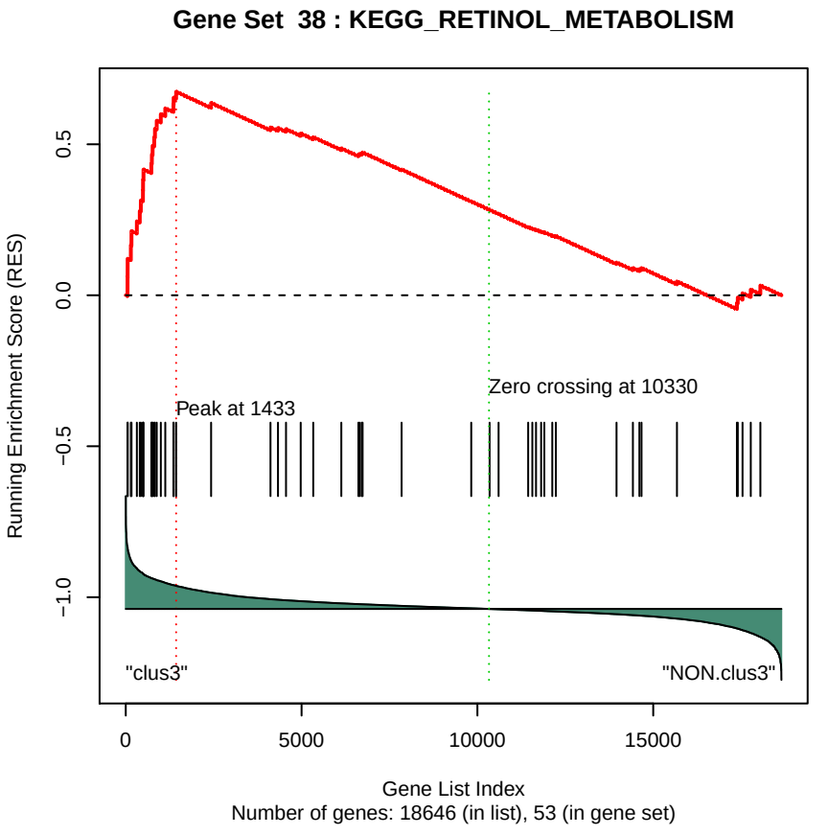
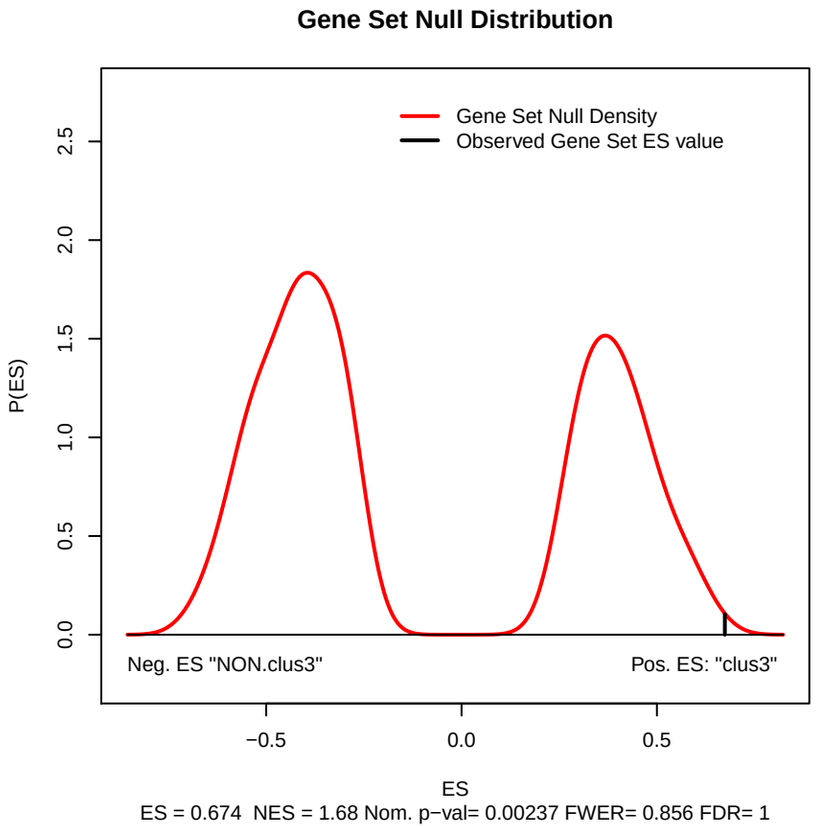
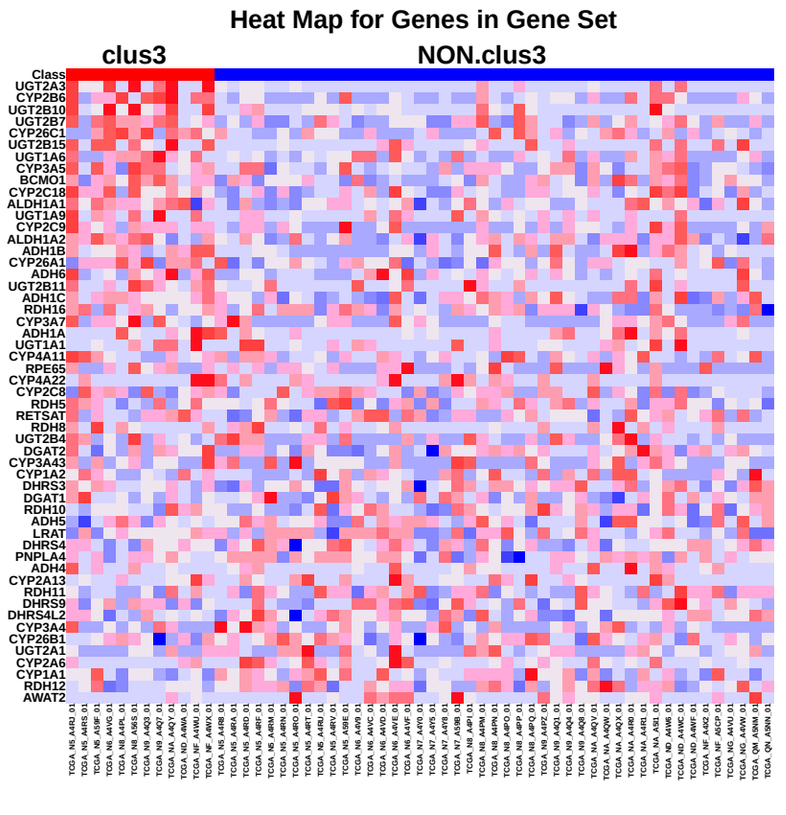

Gene Set 38 : KEGG_RETINOL_METABOLISM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1433
Zero crossing at 10330
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 53 (in gene set)


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 = 0.674 NES = 1.68 Nom. p−val= 0.00237 FWER= 0.856 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
UGT2A3
CYP2B6
UGT2B10
UGT2B7
CYP26C1
UGT2B15
UGT1A6
CYP3A5
BCMO1
CYP2C18
ALDH1A1
UGT1A9
CYP2C9
ALDH1A2
ADH1B
CYP26A1
ADH6
UGT2B11
ADH1C
RDH16
CYP3A7
ADH1A
UGT1A1
CYP4A11
RPE65
CYP4A22
CYP2C8
RDH5
RETSAT
RDH8
UGT2B4
DGAT2
CYP3A43
CYP1A2
DHRS3
DGAT1
RDH10
ADH5
LRAT
DHRS4
PNPLA4
ADH4
CYP2A13
RDH11
DHRS9
DHRS4L2
CYP3A4
CYP26B1
UGT2A1
CYP2A6
CYP1A1
RDH12
AWAT2