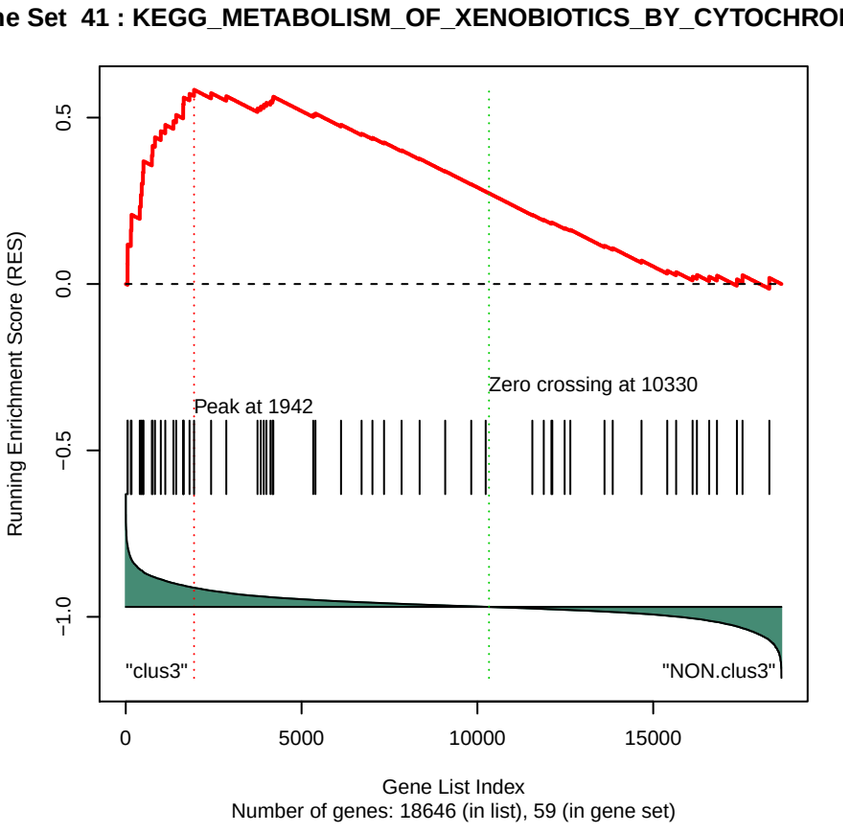
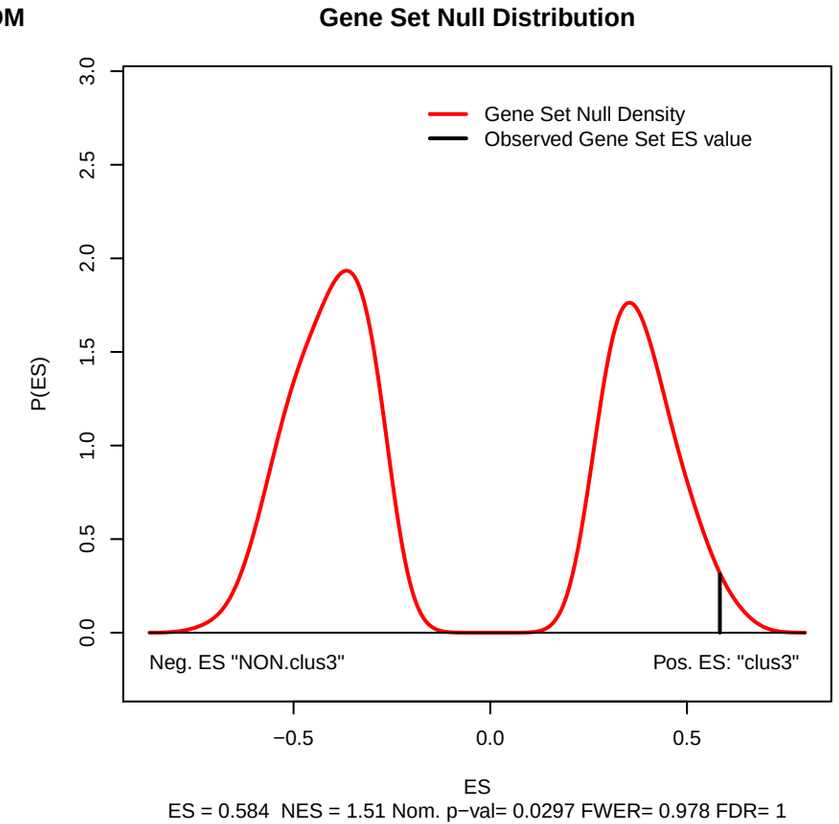
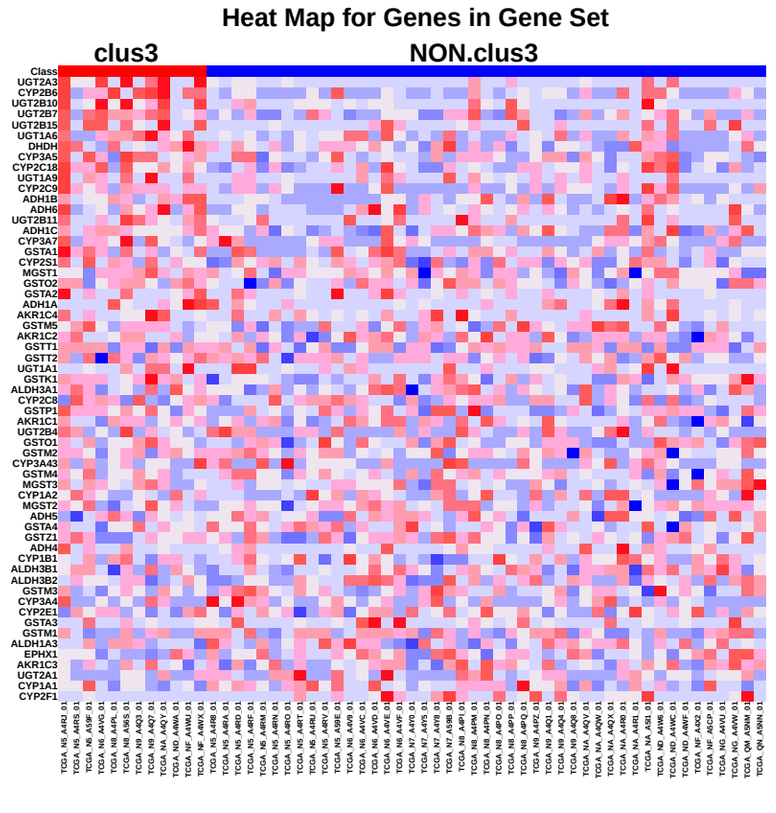

e Set 41 : KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1942
Zero crossing at 10330
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 59 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.584 NES = 1.51 Nom. p−val= 0.0297 FWER= 0.978 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
UGT2A3
CYP2B6
UGT2B10
UGT2B7
UGT2B15
UGT1A6
DHDH
CYP3A5
CYP2C18
UGT1A9
CYP2C9
ADH1B
ADH6
UGT2B11
ADH1C
CYP3A7
GSTA1
CYP2S1
MGST1
GSTO2
GSTA2
ADH1A
AKR1C4
GSTM5
AKR1C2
GSTT1
GSTT2
UGT1A1
GSTK1
ALDH3A1
CYP2C8
GSTP1
AKR1C1
UGT2B4
GSTO1
GSTM2
CYP3A43
GSTM4
MGST3
CYP1A2
MGST2
ADH5
GSTA4
GSTZ1
ADH4
CYP1B1
ALDH3B1
ALDH3B2
GSTM3
CYP3A4
CYP2E1
GSTA3
GSTM1
ALDH1A3
EPHX1
AKR1C3
UGT2A1
CYP1A1
CYP2F1