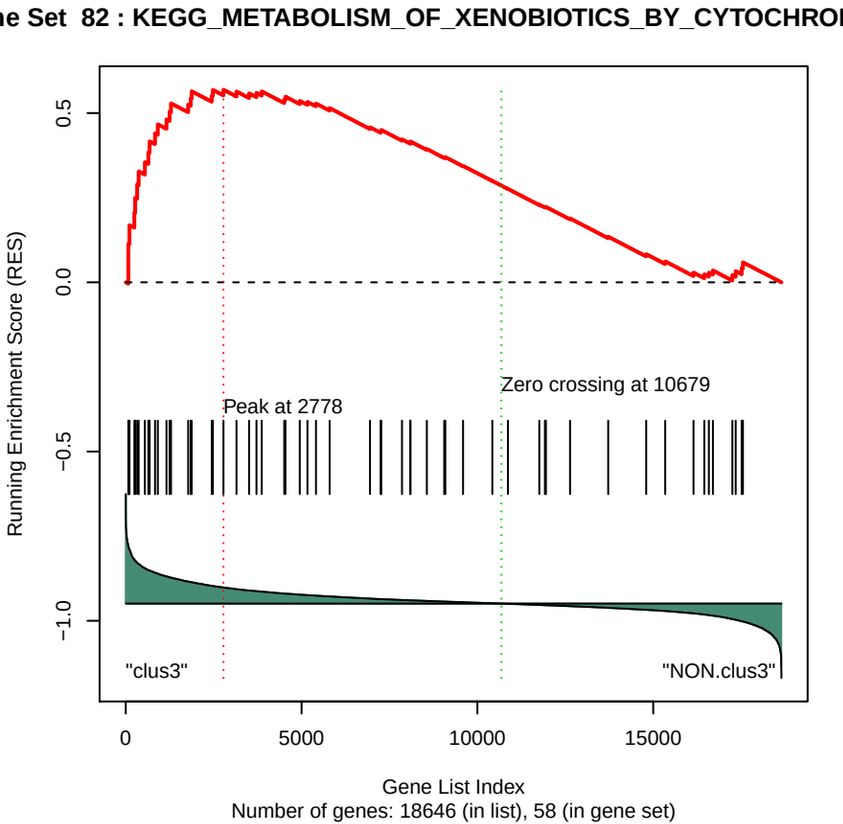
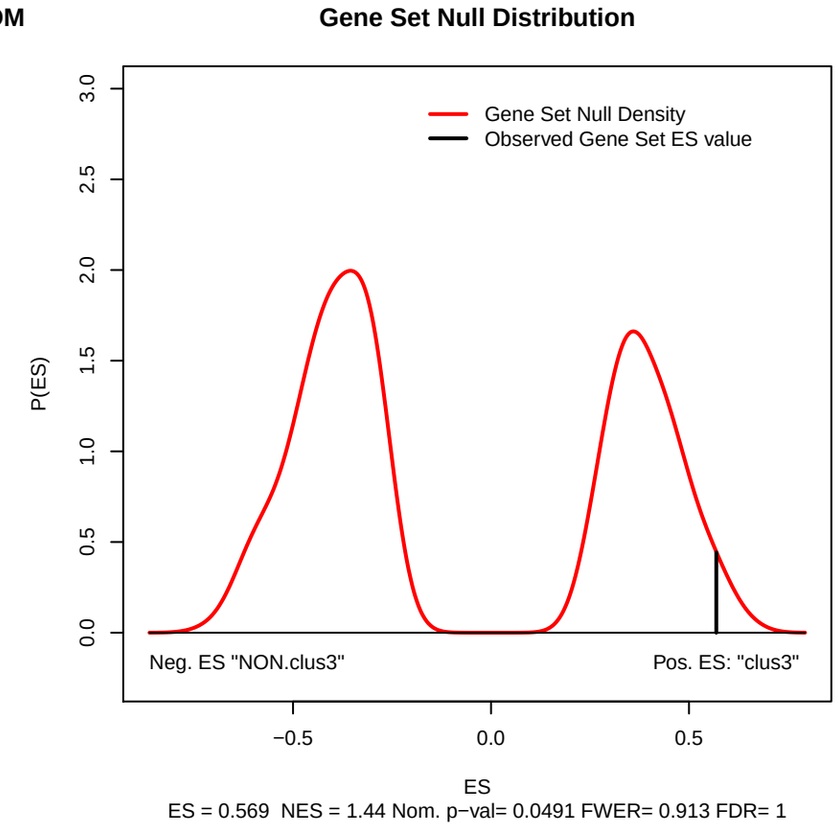
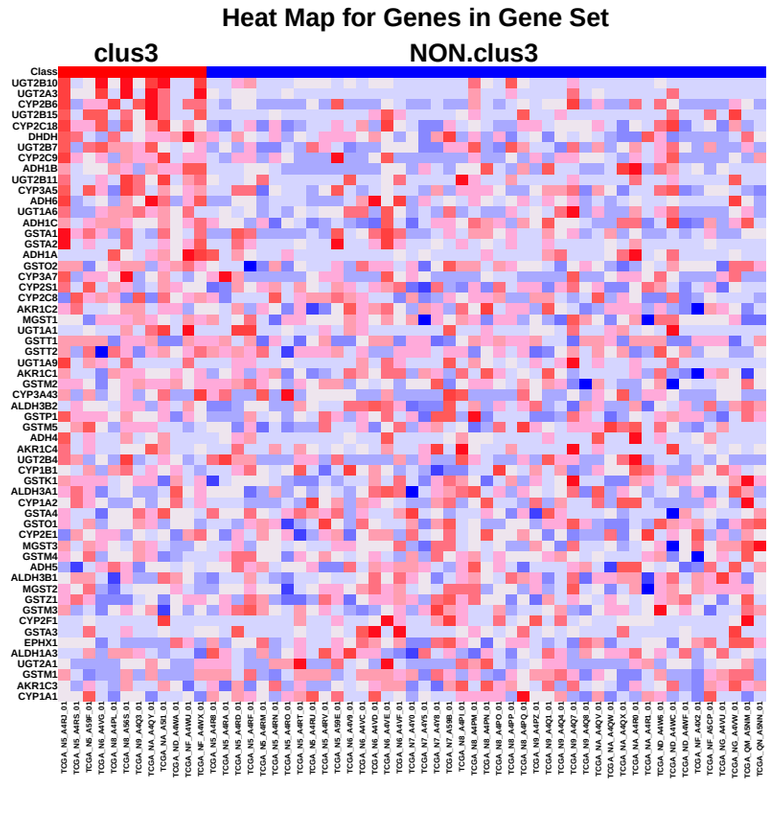

e Set 82 : KEGG_METABOLISM_OF_XENOBIOTICS_BY_CYTOCHROM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2778
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 58 (in gene set)


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 = 0.569 NES = 1.44 Nom. p−val= 0.0491 FWER= 0.913 FDR= 1


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