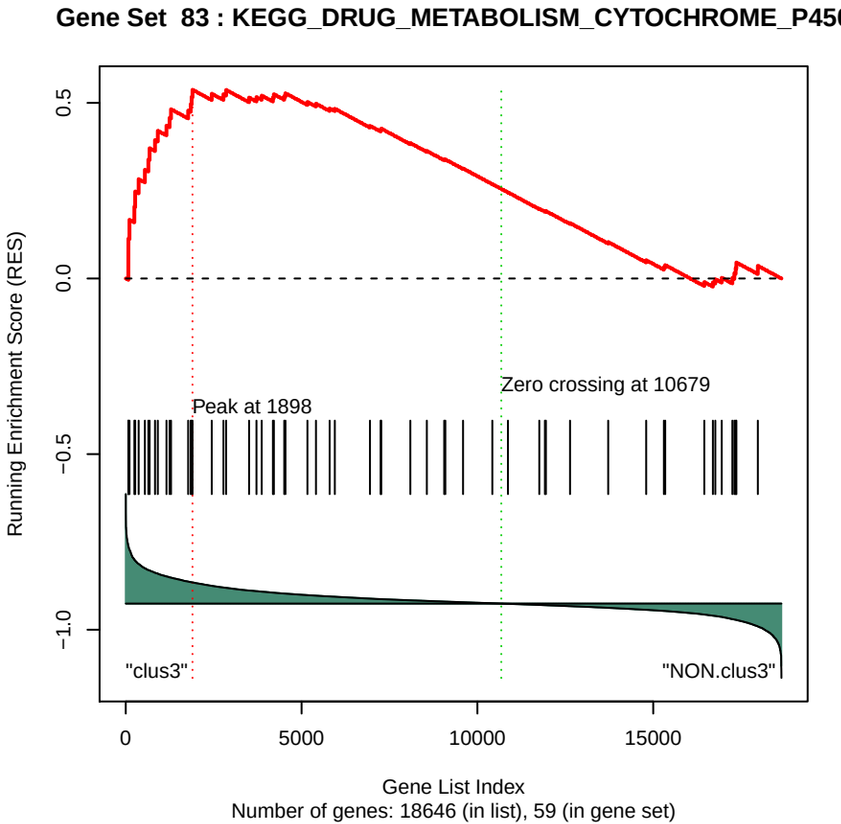
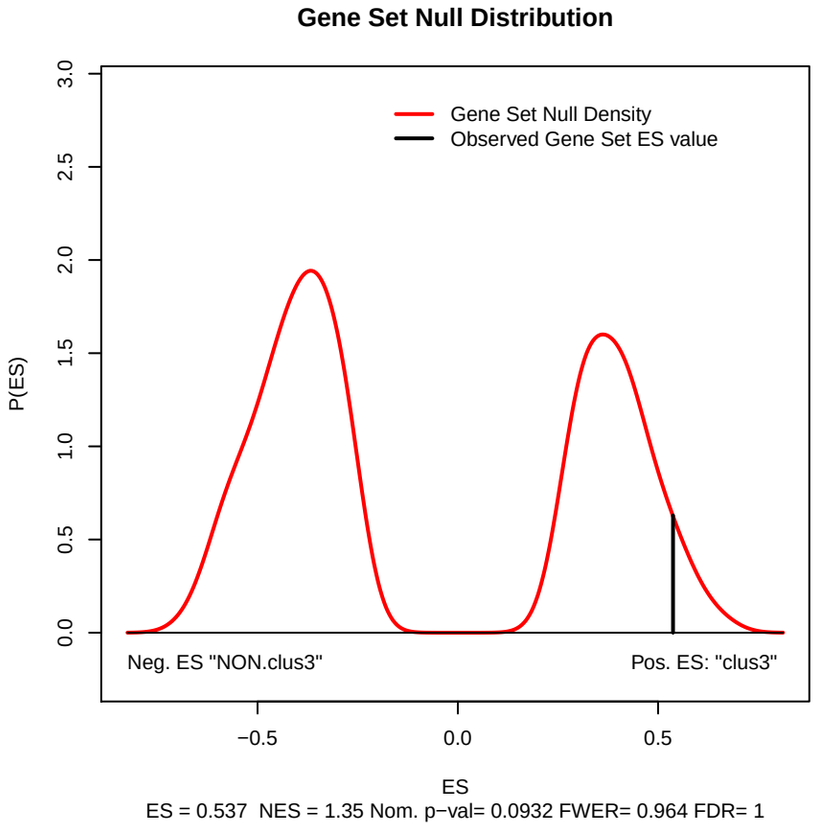
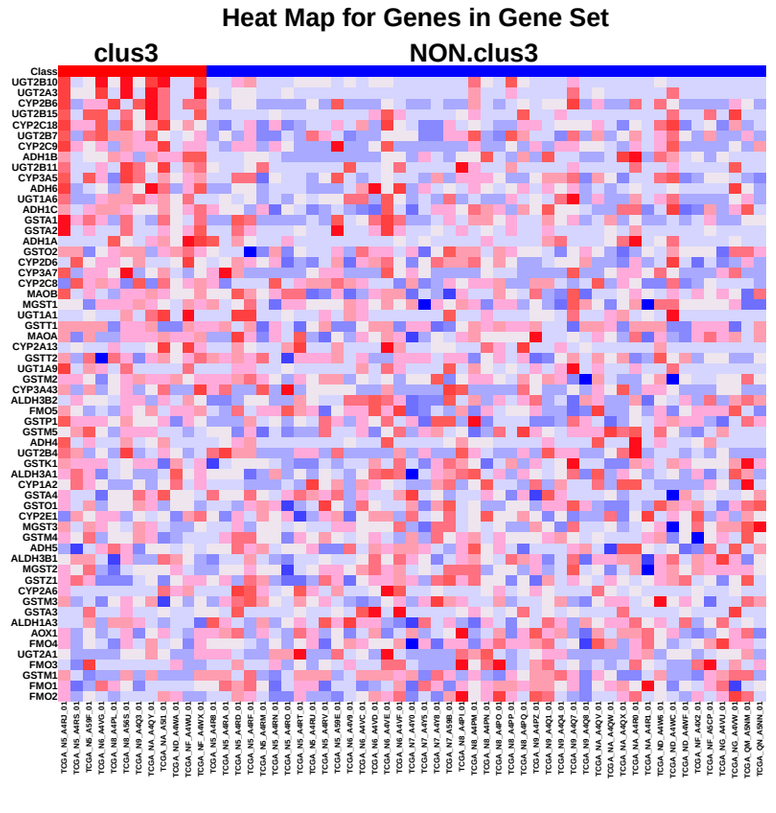

Gene Set 83 : KEGG_DRUG_METABOLISM_CYTOCHROME_P450
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1898
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 59 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.537 NES = 1.35 Nom. p−val= 0.0932 FWER= 0.964 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
UGT2B10
UGT2A3
CYP2B6
UGT2B15
CYP2C18
UGT2B7
CYP2C9
ADH1B
UGT2B11
CYP3A5
ADH6
UGT1A6
ADH1C
GSTA1
GSTA2
ADH1A
GSTO2
CYP2D6
CYP3A7
CYP2C8
MAOB
MGST1
UGT1A1
GSTT1
MAOA
CYP2A13
GSTT2
UGT1A9
GSTM2
CYP3A43
ALDH3B2
FMO5
GSTP1
GSTM5
ADH4
UGT2B4
GSTK1
ALDH3A1
CYP1A2
GSTA4
GSTO1
CYP2E1
MGST3
GSTM4
ADH5
ALDH3B1
MGST2
GSTZ1
CYP2A6
GSTM3
GSTA3
ALDH1A3
AOX1
FMO4
UGT2A1
FMO3
GSTM1
FMO1
FMO2