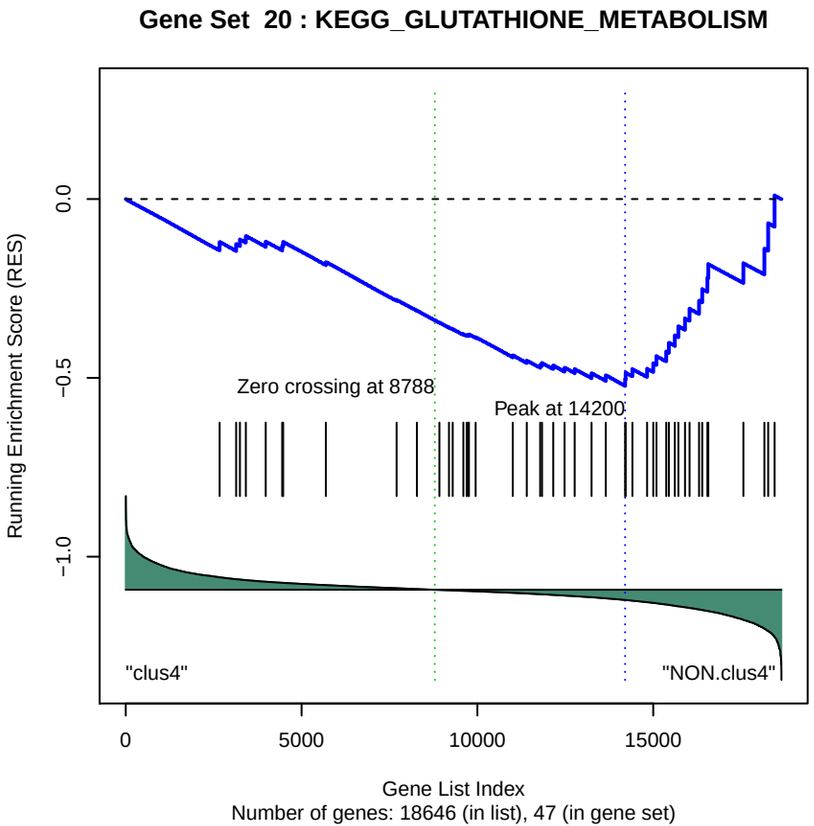
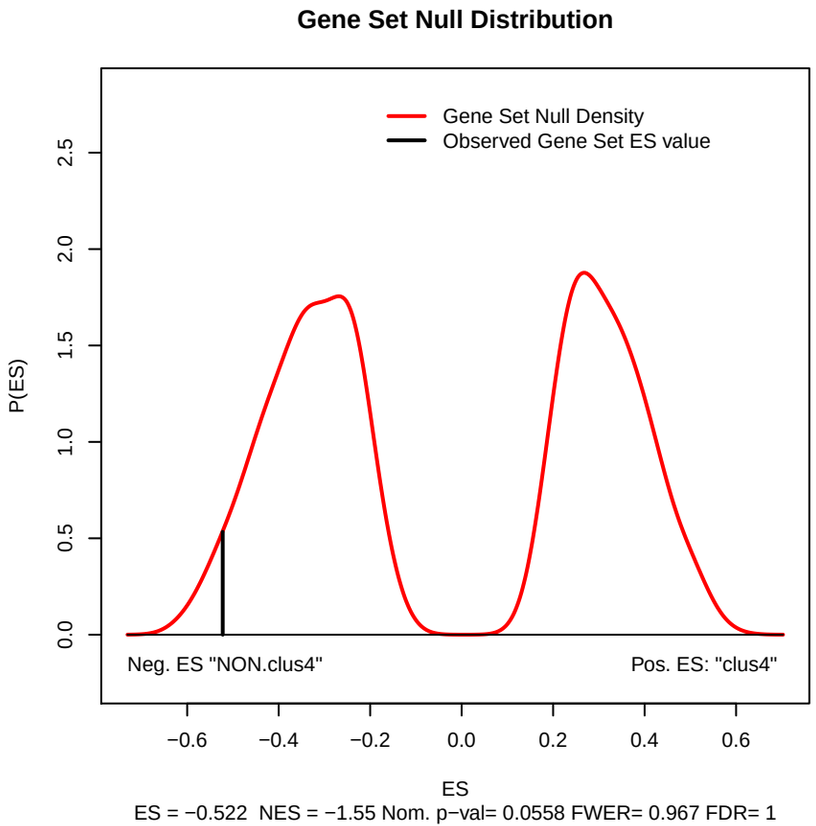
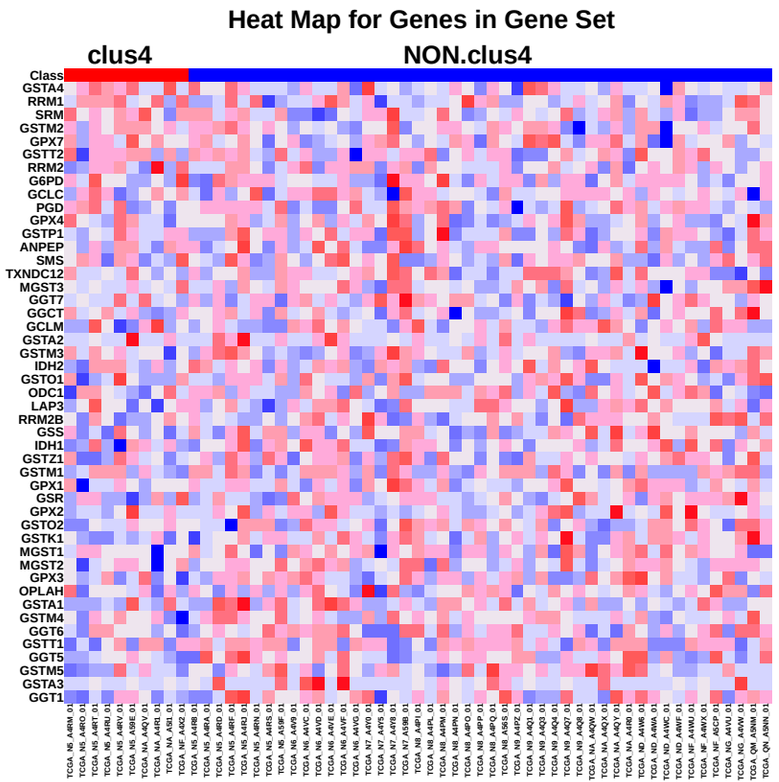

Gene Set 20 : KEGG_GLUTATHIONE_METABOLISM
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 8788
Peak at 14200
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 47 (in gene set)


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.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.522 NES = −1.55 Nom. p−val= 0.0558 FWER= 0.967 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
GSTA4
RRM1
SRM
GSTM2
GPX7
GSTT2
RRM2
G6PD
GCLC
PGD
GPX4
GSTP1
ANPEP
SMS
TXNDC12
MGST3
GGT7
GGCT
GCLM
GSTA2
GSTM3
IDH2
GSTO1
ODC1
LAP3
RRM2B
GSS
IDH1
GSTZ1
GSTM1
GPX1
GSR
GPX2
GSTO2
GSTK1
MGST1
MGST2
GPX3
OPLAH
GSTA1
GSTM4
GGT6
GSTT1
GGT5
GSTM5
GSTA3
GGT1