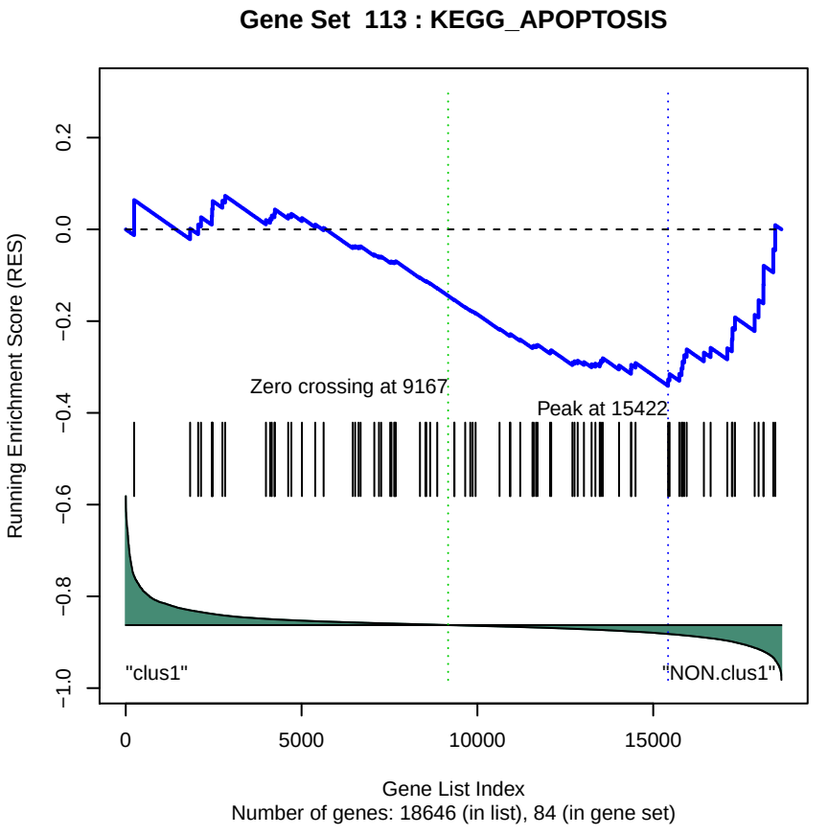
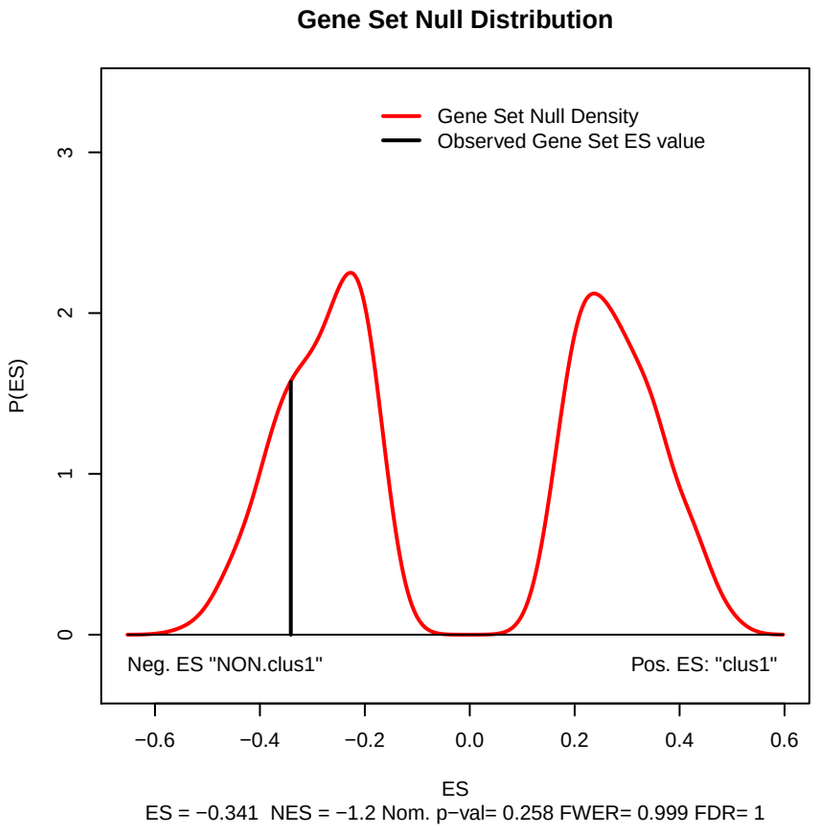
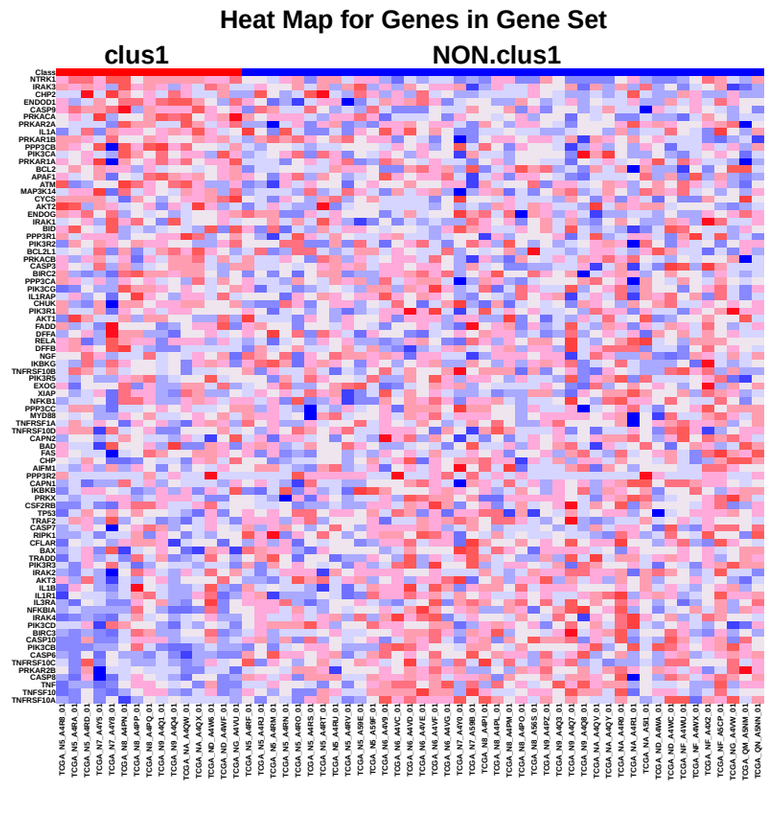

Gene Set 113 : KEGG_APOPTOSIS
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 9167
Peak at 15422
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 84 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.341 NES = −1.2 Nom. p−val= 0.258 FWER= 0.999 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
NTRK1
IRAK3
CHP2
ENDOD1
CASP9
PRKACA
PRKAR2A
IL1A
PRKAR1B
PPP3CB
PIK3CA
PRKAR1A
BCL2
APAF1
ATM
MAP3K14
CYCS
AKT2
ENDOG
IRAK1
BID
PPP3R1
PIK3R2
BCL2L1
PRKACB
CASP3
BIRC2
PPP3CA
PIK3CG
IL1RAP
CHUK
PIK3R1
AKT1
FADD
DFFA
RELA
DFFB
NGF
IKBKG
TNFRSF10B
PIK3R5
EXOG
XIAP
NFKB1
PPP3CC
MYD88
TNFRSF1A
TNFRSF10D
CAPN2
BAD
FAS
CHP
AIFM1
PPP3R2
CAPN1
IKBKB
PRKX
CSF2RB
TP53
TRAF2
CASP7
RIPK1
CFLAR
BAX
TRADD
PIK3R3
IRAK2
AKT3
IL1B
IL1R1
IL1RA
NFKBIA
IRAK4
PIK3CD
BIRC3
CASP10
PIK3CB
CASP6
TNFRSF10C
PRKAR2B
CASP8
TNF
TNFSF10
TNFRSF10A