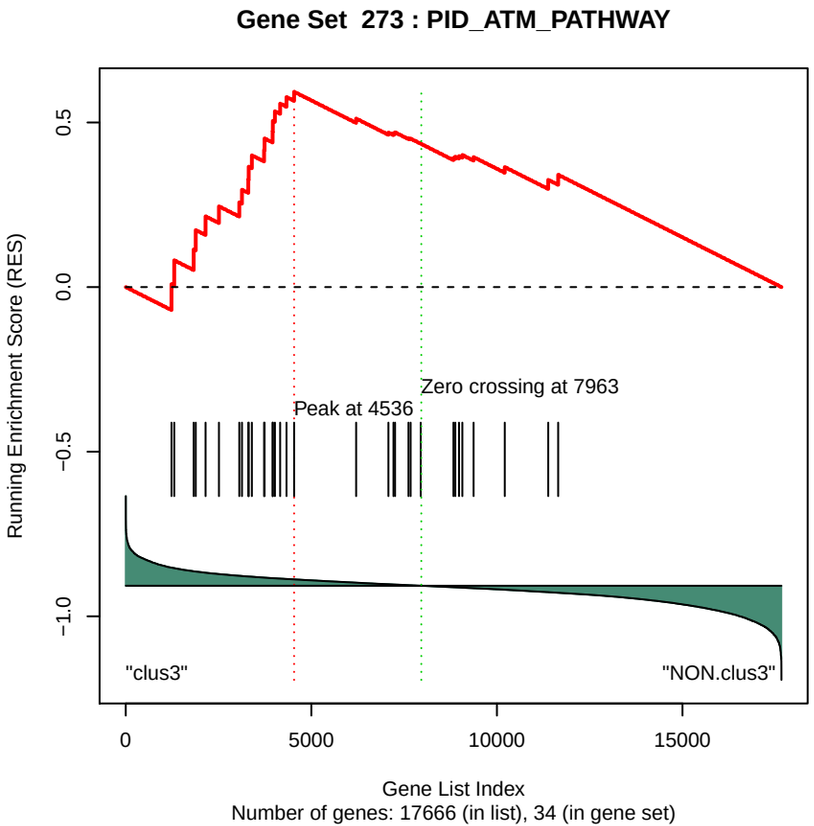
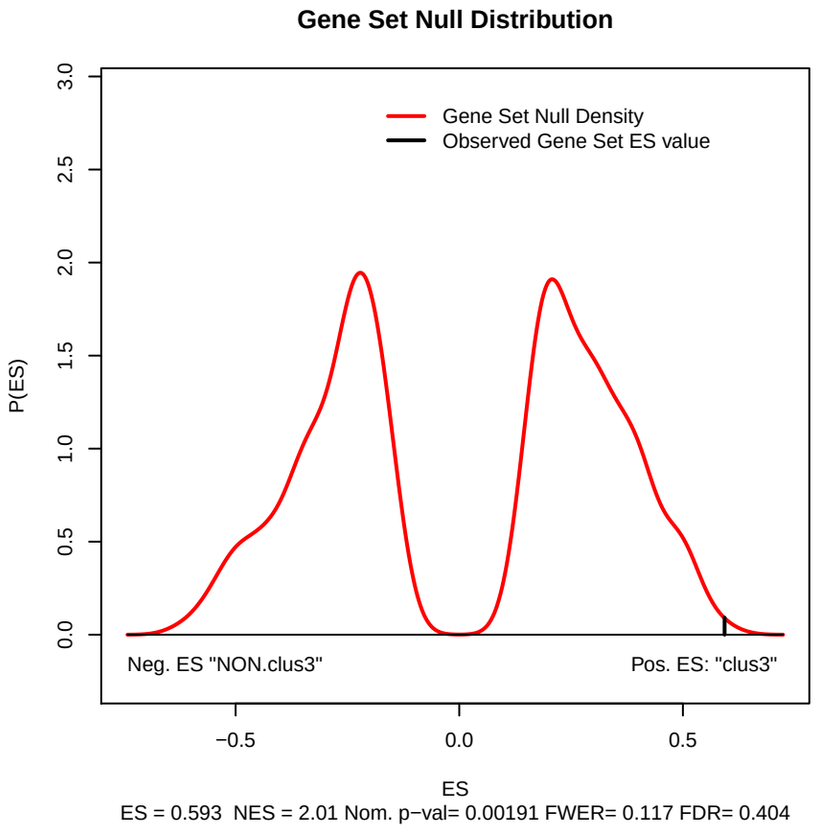
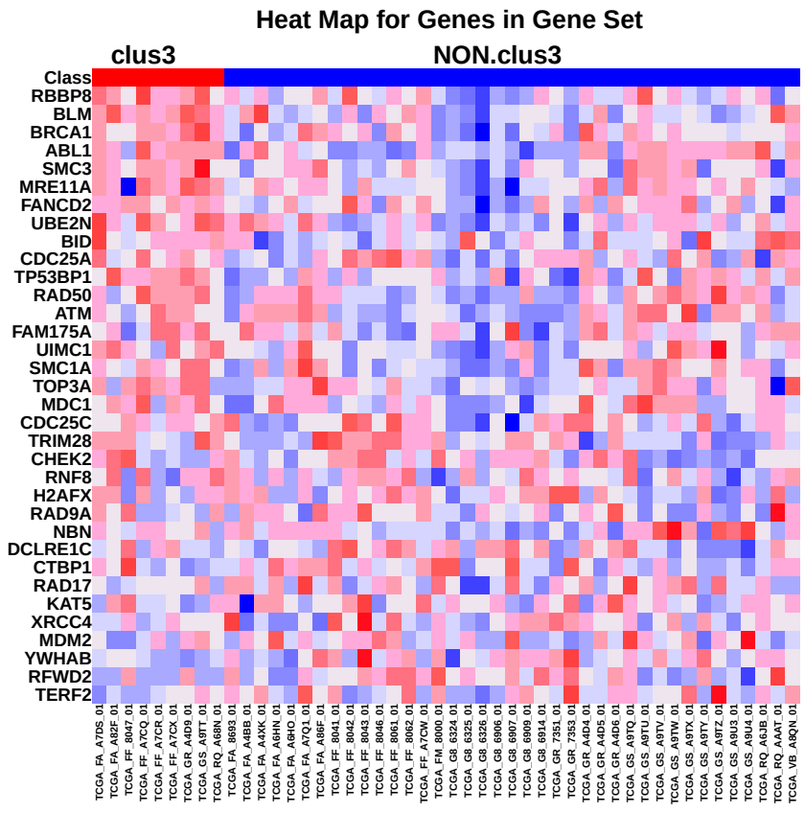

Gene Set 273 : PID_ATM_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4536
Zero crossing at 7963
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17666 (in list), 34 (in gene set)


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 = 0.593 NES = 2.01 Nom. p−val= 0.00191 FWER= 0.117 FDR= 0.404


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
RBBP8
BLM
BRCA1
ABL1
SMC3
MRE11A
FANCD2
UBE2N
BID
CDC25A
TP53BP1
RAD50
ATM
FAM175A
UIMC1
SMC1A
TOP3A
MDC1
CDC25C
TRIM28
CHEK2
RNF8
H2AFX
RAD9A
NBN
DCLRE1C
CTBP1
RAD17
KAT5
XRCC4
MDM2
YWHAB
RFWD2
TERF2