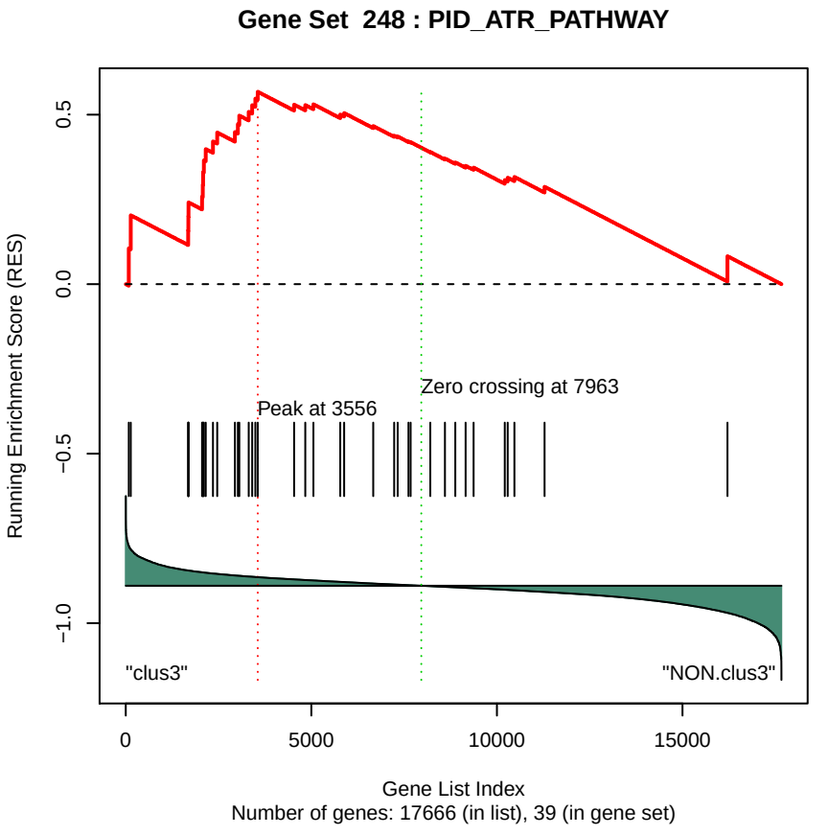
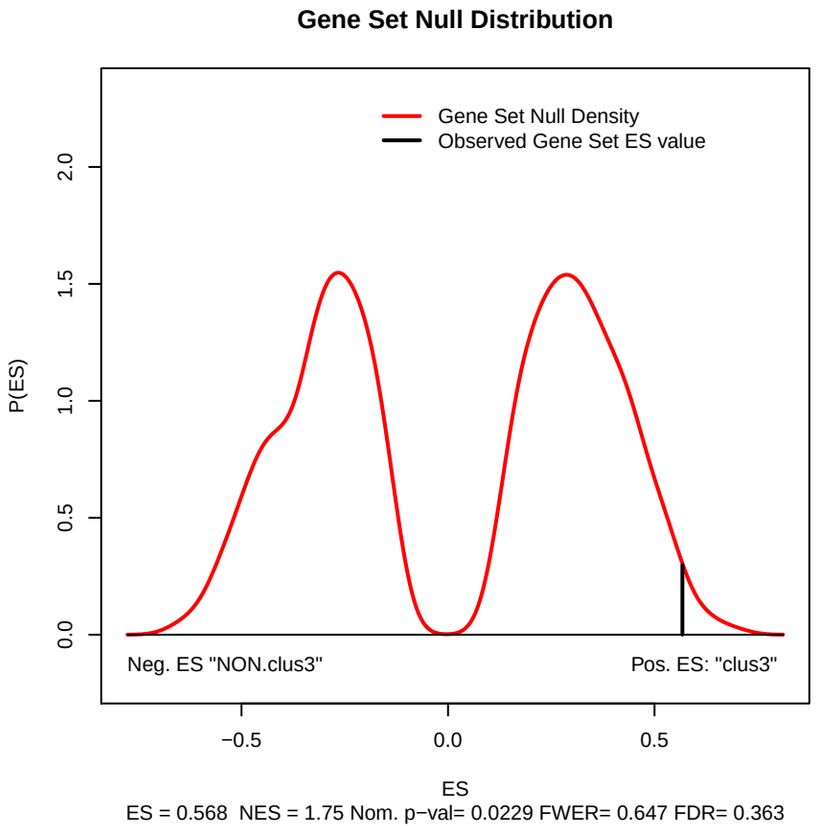
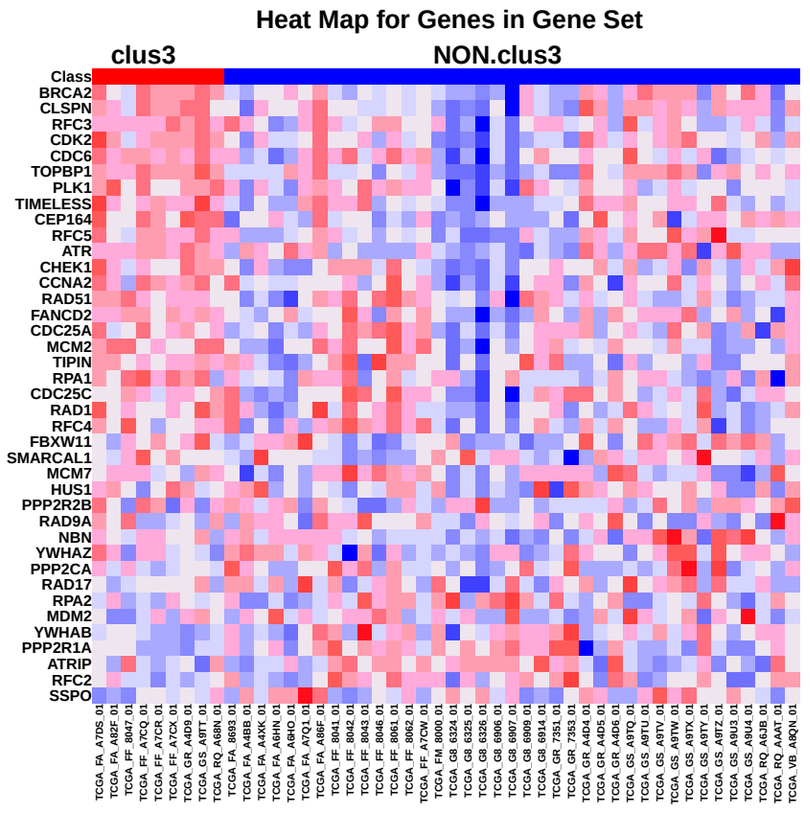

Gene Set 248 : PID_ATR_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Zero crossing at 7963
Peak at 3556
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17666 (in list), 39 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
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 = 0.568 NES = 1.75 Nom. p−val= 0.0229 FWER= 0.647 FDR= 0.363


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
BRCA2
CLSPN
RFC3
CDK2
CDC6
TOPBP1
PLK1
TIMELESS
CEP164
RFC5
ATR
CHEK1
CCNA2
RAD51
FANCD2
CDC25A
MCM2
TIPIN
RPA1
CDC25C
RAD1
RFC4
FBXW11
SMARCAL1
MCM7
HUS1
PPP2R2B
RAD9A
NBN
YWHAZ
PPP2CA
RAD17
RPA2
MDM2
YWHAB
PPP2R1A
ATRIP
RFC2
SSPO