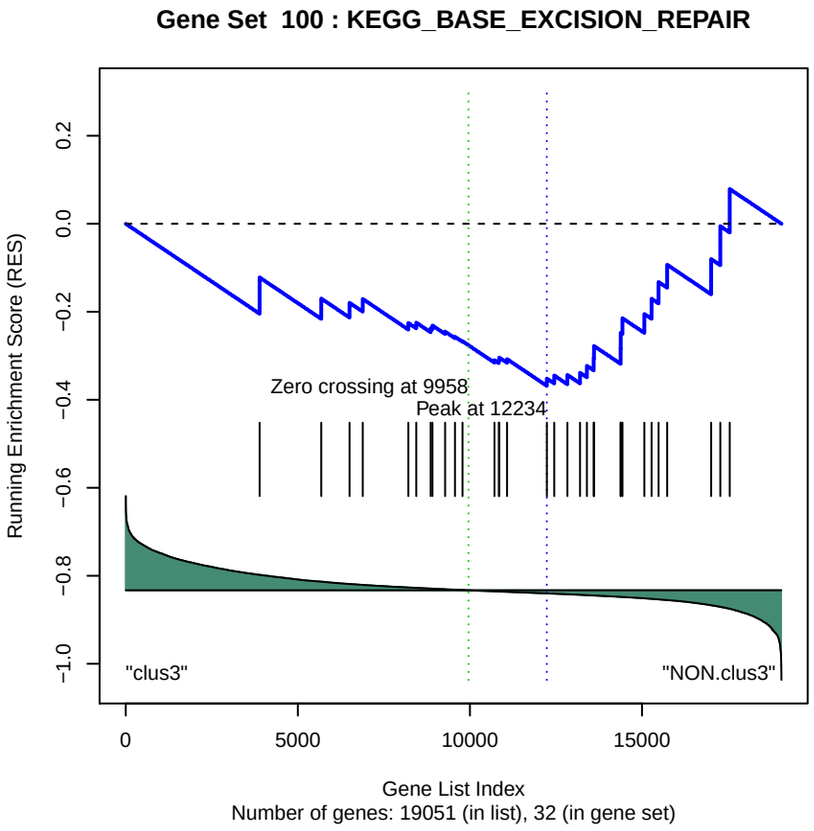
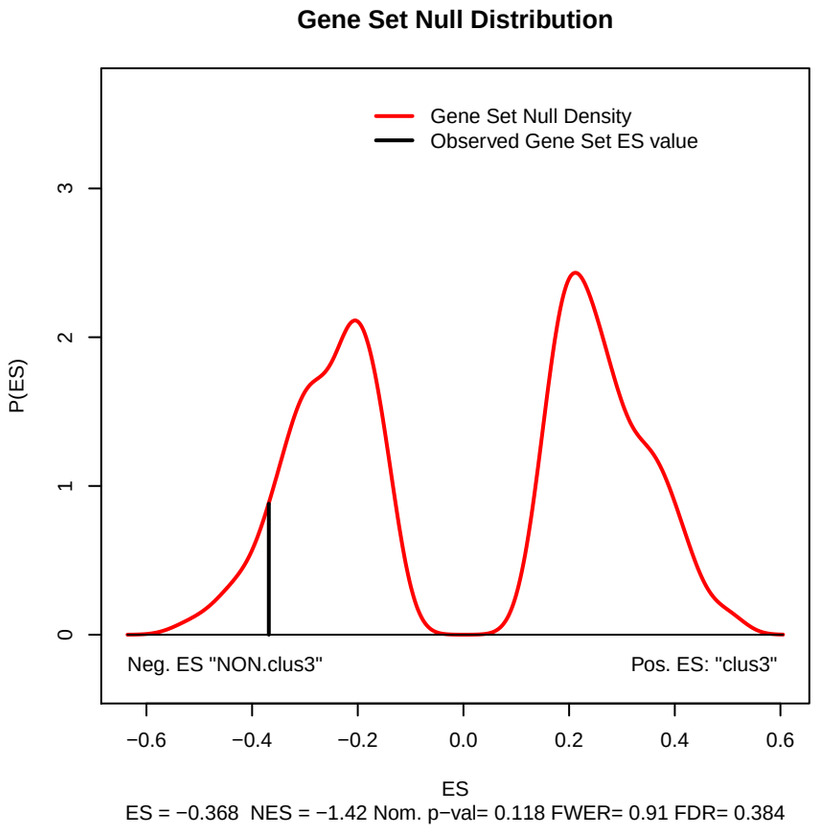
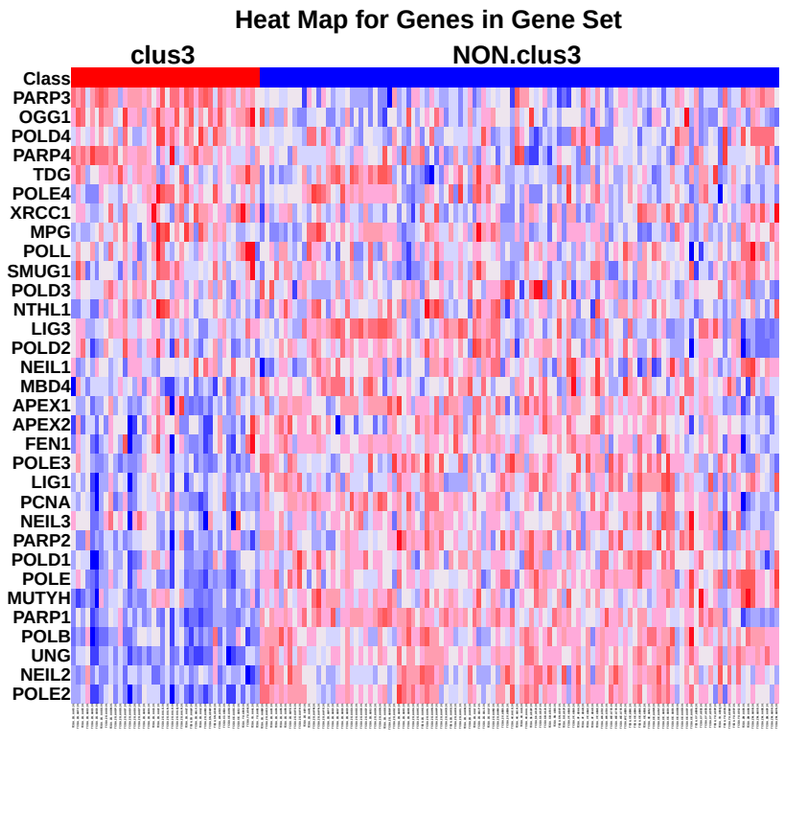

Gene Set 100 : KEGG_BASE_EXCISION_REPAIR
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 9958
Peak at 12234
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 19051 (in list), 32 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.368 NES = −1.42 Nom. p−val= 0.118 FWER= 0.91 FDR= 0.384


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PARP3
OGG1
POLD4
PARP4
TDG
POLE4
XRCC1
MPG
POLL
SMUG1
POLD3
NTHL1
LIG3
POLD2
NEIL1
MBD4
APEX1
APEX2
FEN1
POLE3
LIG1
PCNA
NEIL3
PARP2
POLD1
POLE
MUTYH
PARP1
POLB
UNG
NEIL2
POLE2