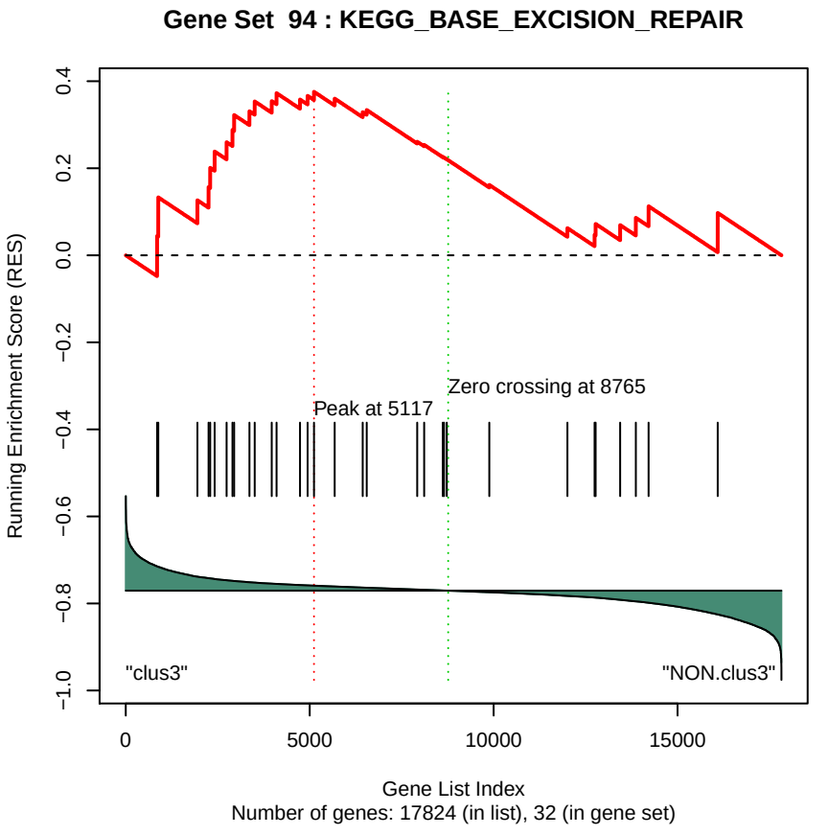
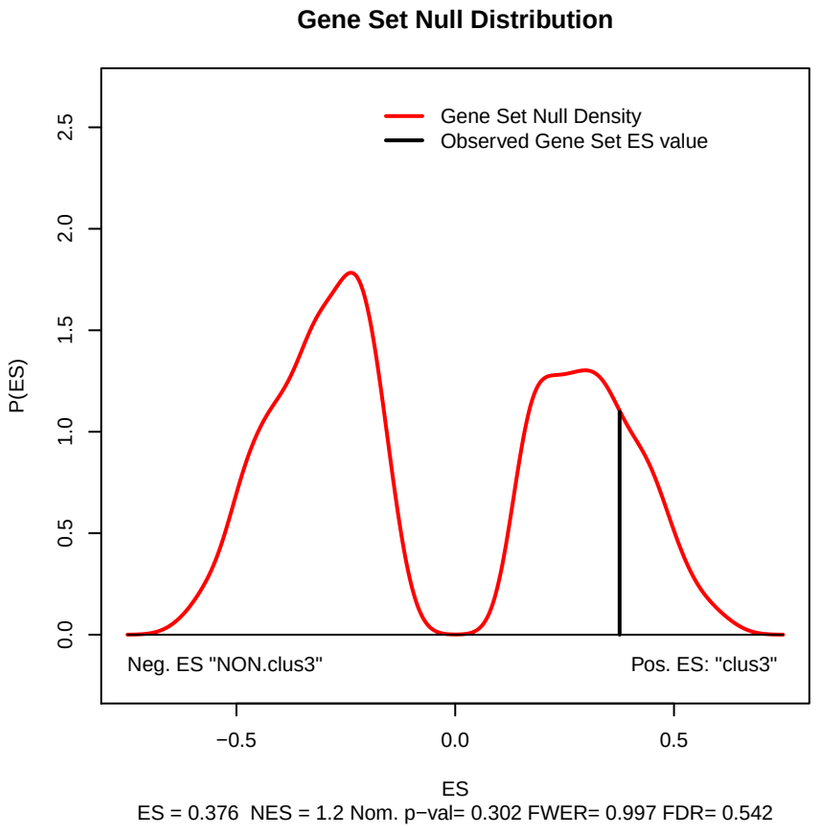
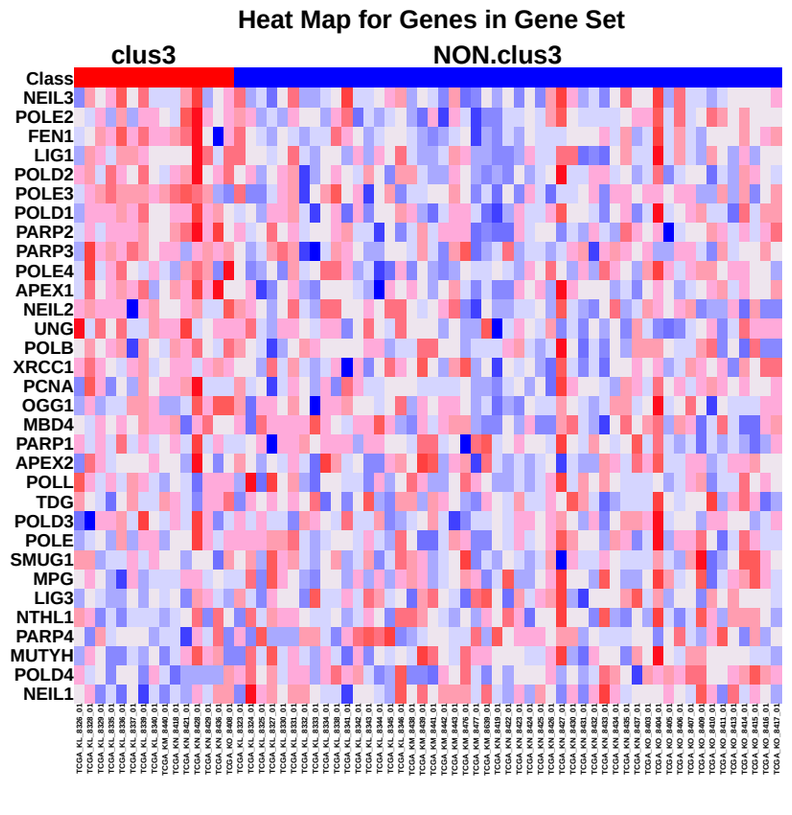

Gene Set 94 : KEGG_BASE_EXCISION_REPAIR
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 5117
Zero crossing at 8765
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 32 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
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 = 0.376 NES = 1.2 Nom. p−val= 0.302 FWER= 0.997 FDR= 0.542


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