Gene Set 95 : KEGG_BASE_EXCISION_REPAIR
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4063
Zero crossing at 8529
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18300 (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.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.45 NES = 1.45 Nom. p−val= 0.144 FWER= 0.932 FDR= 0.358

Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
NEIL3
POLE2
FEN1
POLD1
POLD2
PARP2
UNG
APEX2
POLE3
POLE
PCNA
LIG1
POLE4
MBD4
OGG1
POLD3
TDG
LIG3
SMUG1
MUTYH
POLB
APEX1
POLD4
PARP1
MPG
PARP3
XRCC1
PARP4
POLL
NTHL1
NEIL2
NEIL1