Gene Set 95 : KEGG_BASE_EXCISION_REPAIR
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8363
Peak at 5597
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18300 (in list), 32 (in gene set)

Gene Set Null Distribution
P(ES)
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.385 NES = 1.26 Nom. p−val= 0.242 FWER= 0.996 FDR= 0.716

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