Gene Set 64 : KEGG_GLUTATHIONE_METABOLISM
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2033
Zero crossing at 8363
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18300 (in list), 47 (in gene set)

Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
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 = 0.442 NES = 1.3 Nom. p−val= 0.156 FWER= 0.987 FDR= 0.761

Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
GPX2
GSTA1
ODC1
GSTA2
OPLAH
GSR
IDH2
GSTP1
G6PD
GCLC
GCLM
GGT7
GSTA4
IDH1
GGT6
GSTM4
RRM2
MGST3
MGST1
TXNDC12
RRM1
SRM
GSTM3
GSTO2
MGST2
GGCT
SMS
GSTZ1
GSS
GGT1
GSTM1
GPX3
GSTT1
RRM2B
GSTO1
GSTT2
LAP3
GPX4
GSTM2
GSTK1
GPX1
GSTA3
GPX7
GSTA5
GGT5
GSTM5
ANPEP