Gene Set 46 : KEGG_CITRATE_CYCLE_TCA_CYCLE
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4788
Zero crossing at 8363
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18300 (in list), 29 (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 = 0.634 NES = 2.07 Nom. p−val= 0.008 FWER= 0.03 FDR= 0.0391

Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PCK1
IDH2
IDH1
SUCLG2
OGDHL
FH
SDHC
IDH3B
PDHB
PDHA1
PC
CS
DLAT
DLD
DLST
SUCLG1
IDH3A
SUCLA2
MDH2
ACLY
SDHA
PCK2
ACO2
MDH1
SDHB
IDH3G
ACO1
SDHD
OGDH