Gene Set 23 : BIOCARTA_KERATINOCYTE_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5994
Zero crossing at 10260
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18300 (in list), 45 (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.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.45 NES = 1.55 Nom. p−val= 0.0424 FWER= 0.831 FDR= 0.435

Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
CEBPA
PRKCB
PRKCQ
FAS
PRKCE
FOS
TNF
MAP3K14
BCL2
PRKCA
MAP3K5
IKBKB
EGFR
MAP3K1
JUN
HOXA7
TNFRSF1B
PRKCH
ETS1
PRKCD
ETS2
NFKB1
MAP2K7
MAP2K3
NFKBIA
MAPK3
RIPK1
MAPK1
MAPK14
FASLG
RAF1
MAPK13
MAP2K4
MAP2K1
PPP2CA
RELA
SP1
DAXX
EGF
TNFRSF1A
HRAS
CHUK
MAPK8
PRKCG
MAP2K6