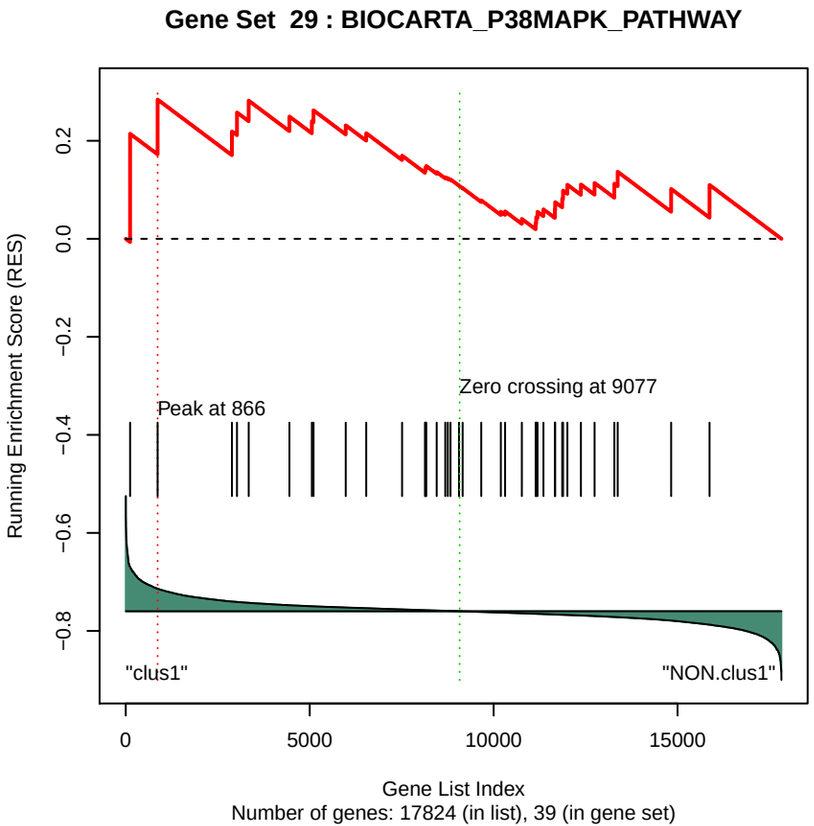
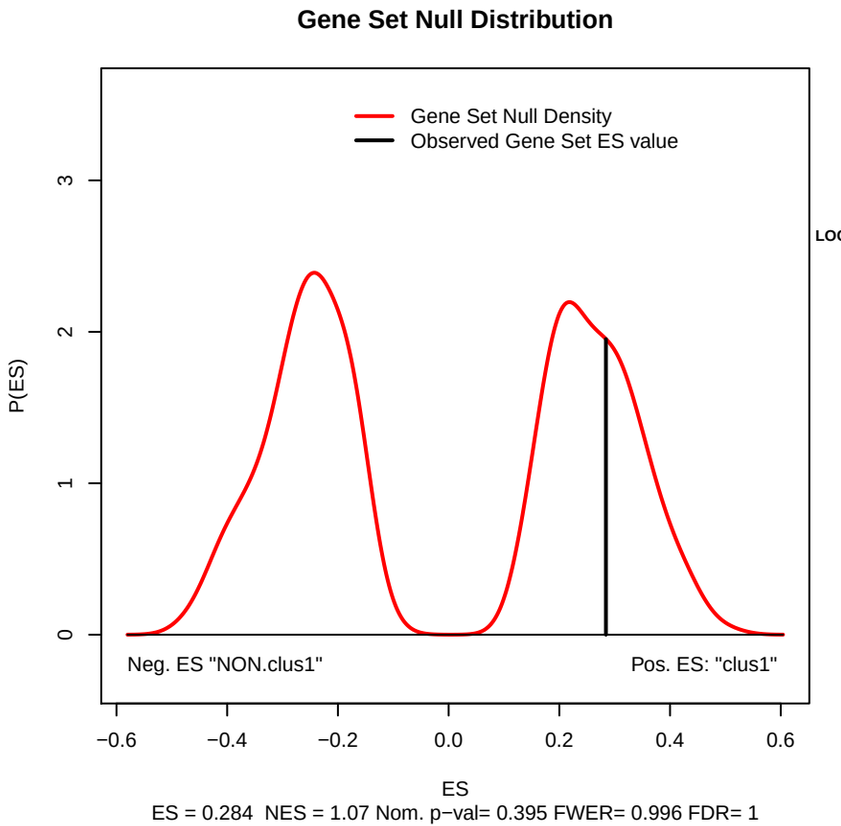
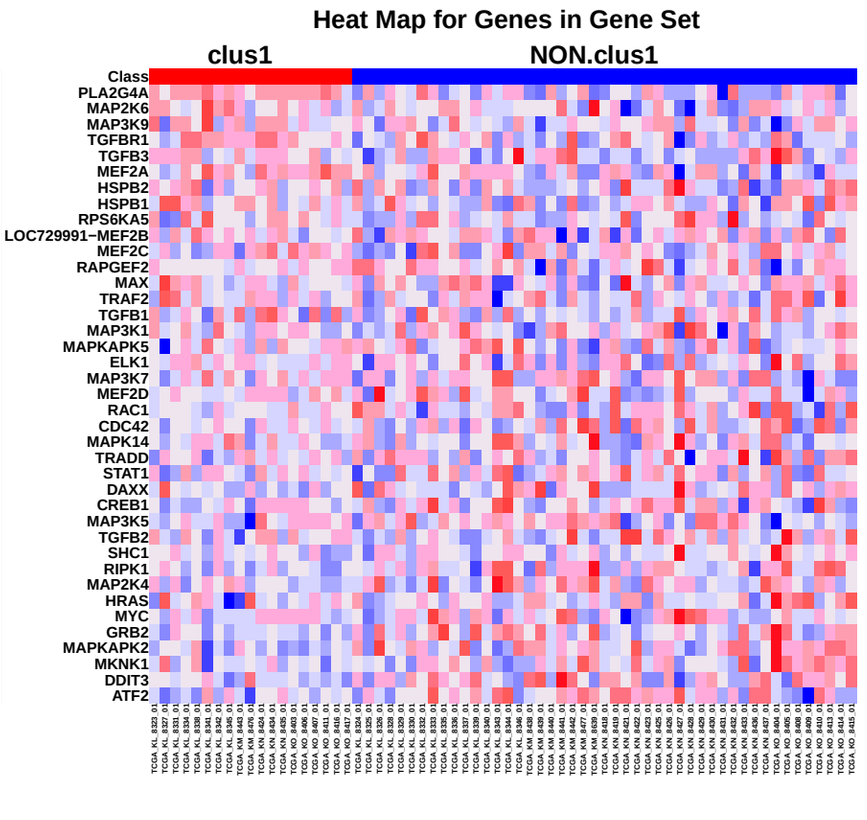

Gene Set 29 : BIOCARTA_P38MAPK_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
Peak at 866
Zero crossing at 9077
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 39 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.284 NES = 1.07 Nom. p−val= 0.395 FWER= 0.996 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PLA2G4A
MAP2K6
MAP3K9
TGFBR1
TGFB3
MEF2A
HSPB2
HSPB1
RPS6KA5
LOC729991−MEF2B
MEF2C
RAPGEF2
MAX
TRAF2
TGFB1
MAP3K1
MAPKAPK5
ELK1
MAP3K7
MEF2D
RAC1
CDC42
MAPK14
TRADD
STAT1
DAXX
CREB1
MAP3K5
TGFB2
SHC1
RIPK1
MAP2K4
HRAS
MYC
GRB2
MAPKAPK2
MKNK1
DDIT3
ATF2