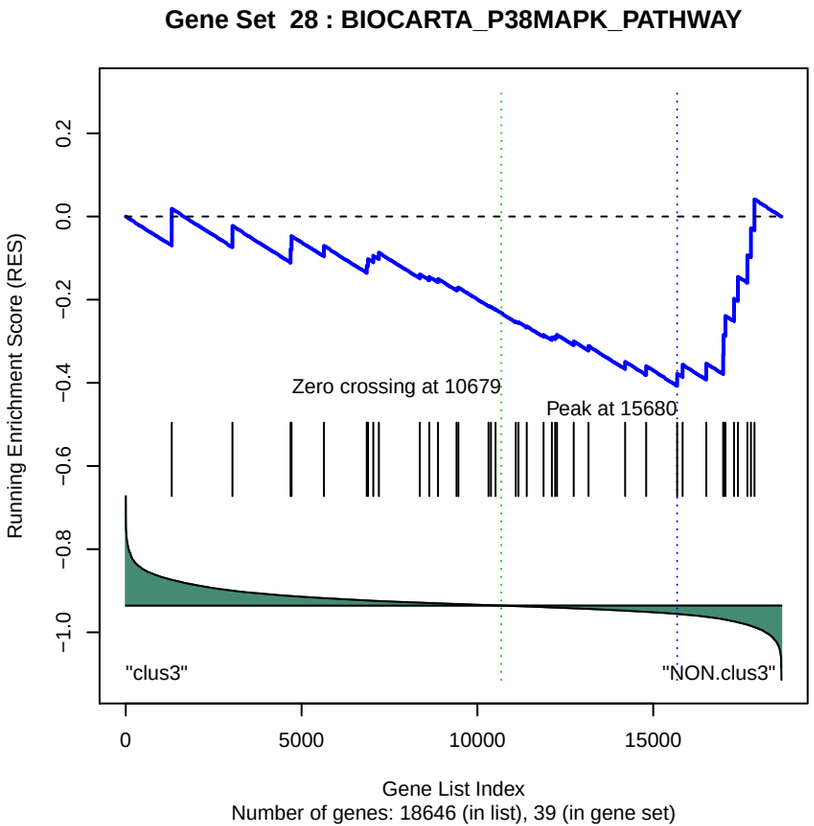
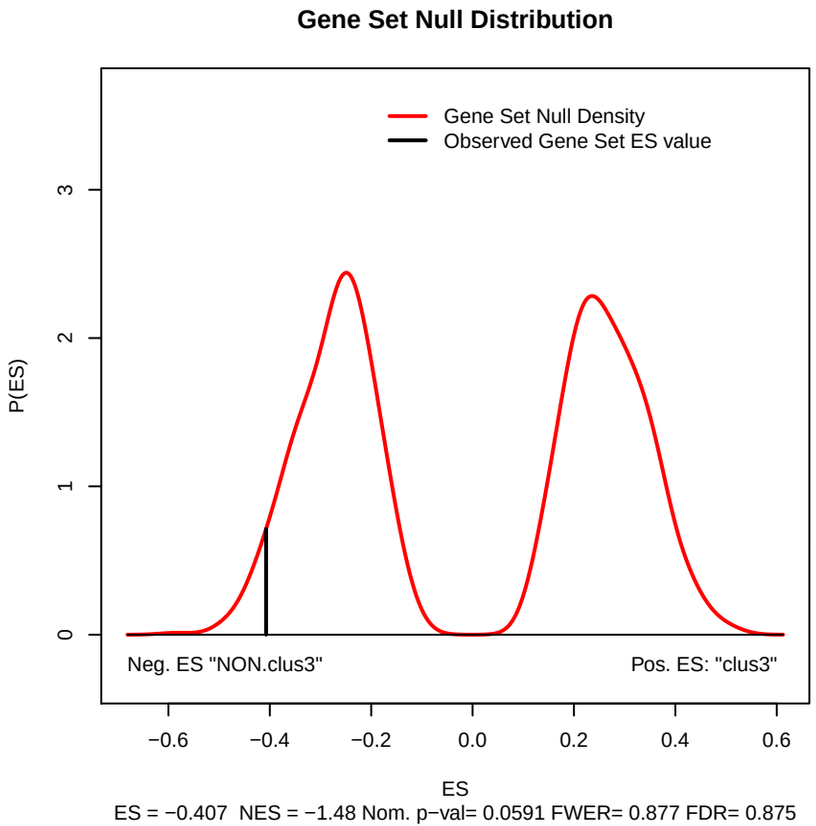
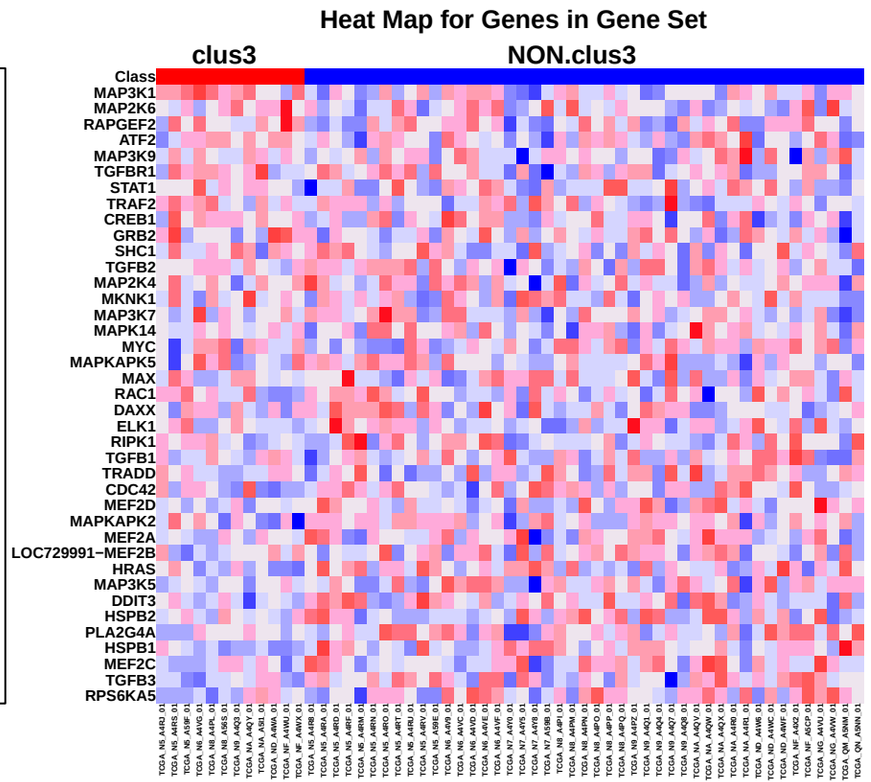

Gene Set 28 : BIOCARTA_P38MAPK_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 10679
Peak at 15680
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 39 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.407 NES = −1.48 Nom. p−val= 0.0591 FWER= 0.877 FDR= 0.875


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
MAP3K1
MAP2K6
RAPGEF2
ATF2
MAP3K9
TGFBR1
STAT1
TRAF2
CREB1
GRB2
SHC1
TGFB2
MAP2K4
MKNK1
MAP3K7
MAPK14
MYC
MAPKAPK5
MAX
RAC1
DAXX
ELK1
RIPK1
TGFB1
TRADD
CDC42
MEF2D
MAPKAPK2
MEF2A
LOC729991−MEF2B
HRAS
MAP3K5
DDIT3
HSPB2
PLA2G4A
HSPB1
MEF2C
TGFB3
RPS6KA5