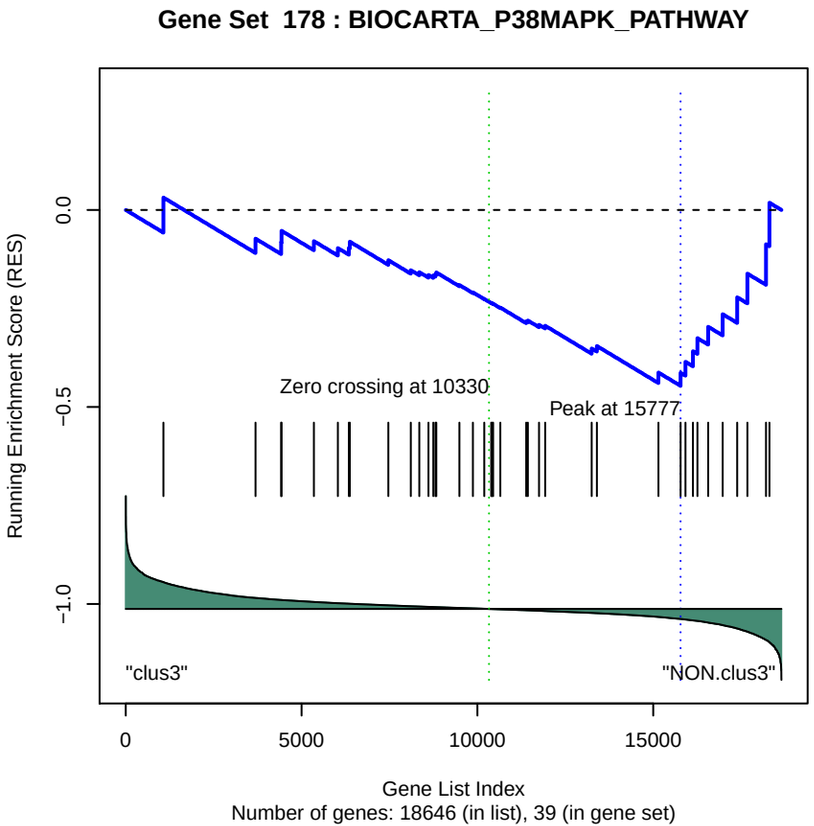
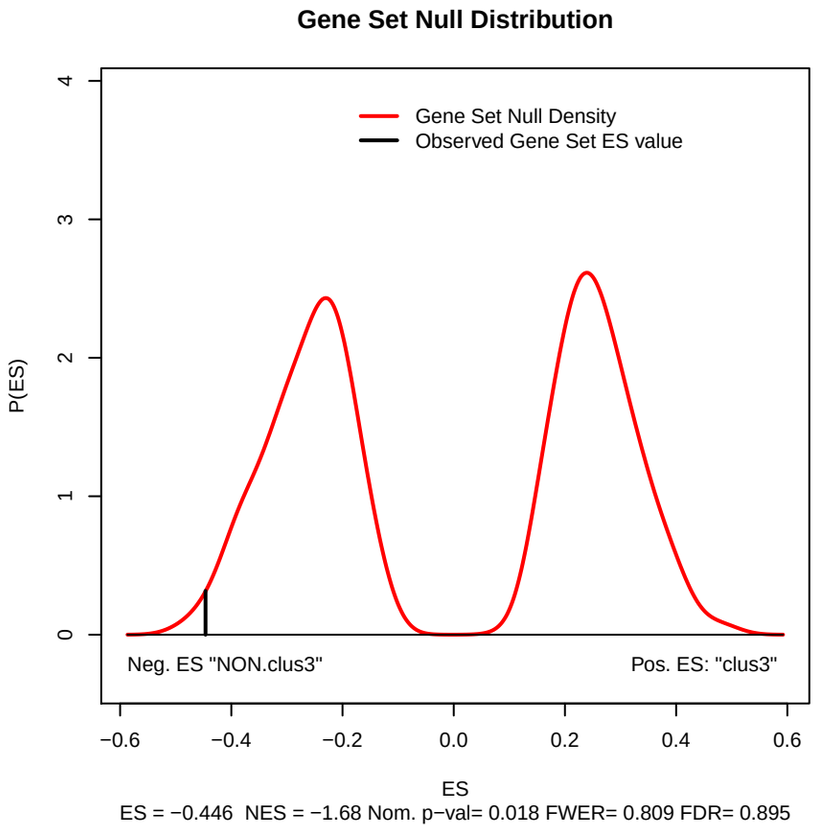
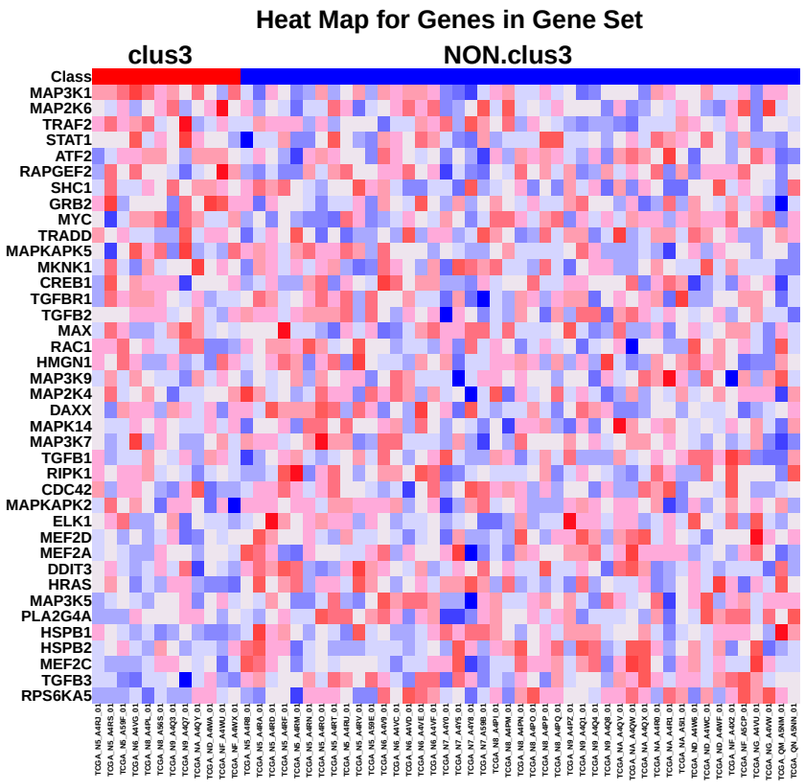

Gene Set 178 : BIOCARTA_P38MAPK_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 10330
Peak at 15777
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 39 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.446 NES = −1.68 Nom. p−val= 0.018 FWER= 0.809 FDR= 0.895


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
MAP3K1
MAP2K6
TRAF2
STAT1
ATF2
RAPGEF2
SHC1
GRB2
MYC
TRADD
MAPKAPK5
MKNK1
CREB1
TGFBR1
TGFB2
MAX
RAC1
HMGN1
MAP3K9
MAP2K4
DAXX
MAPK14
MAP3K7
TGFB1
RIPK1
CDC42
MAPKAPK2
ELK1
MEF2D
MEF2A
DDIT3
HRAS
MAP3K5
PLA2G4A
HSPB1
HSPB2
MEF2C
TGFB3
RPS6KA5