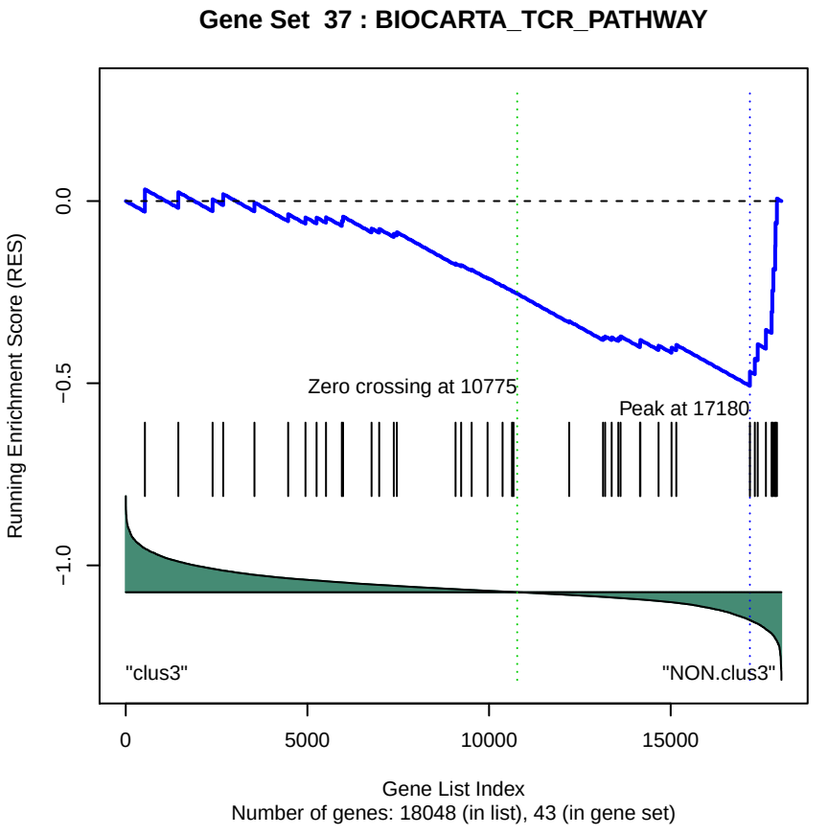
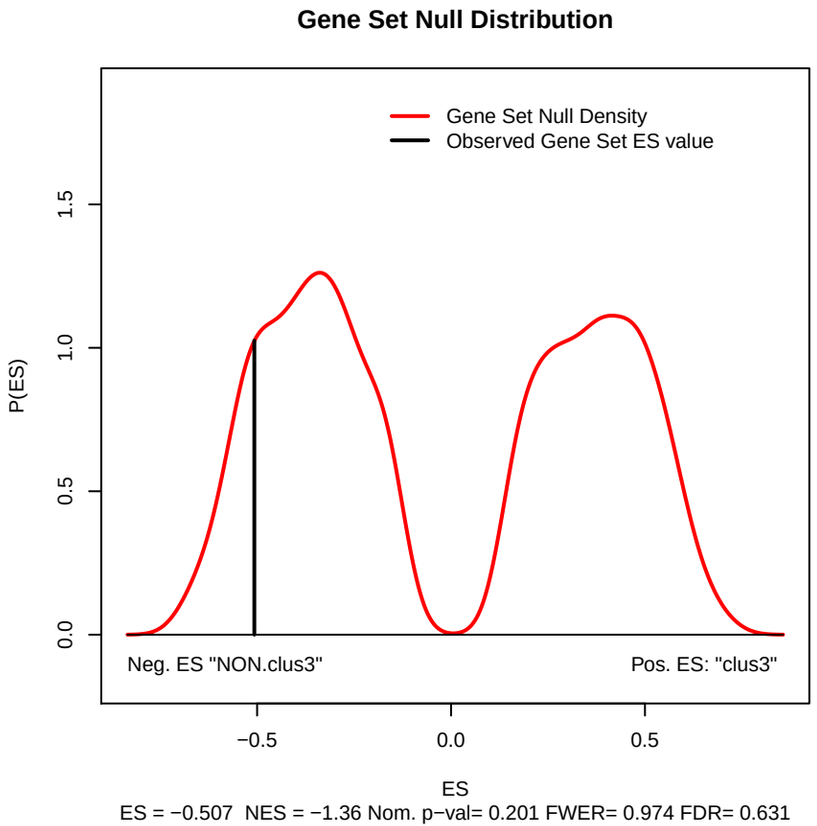
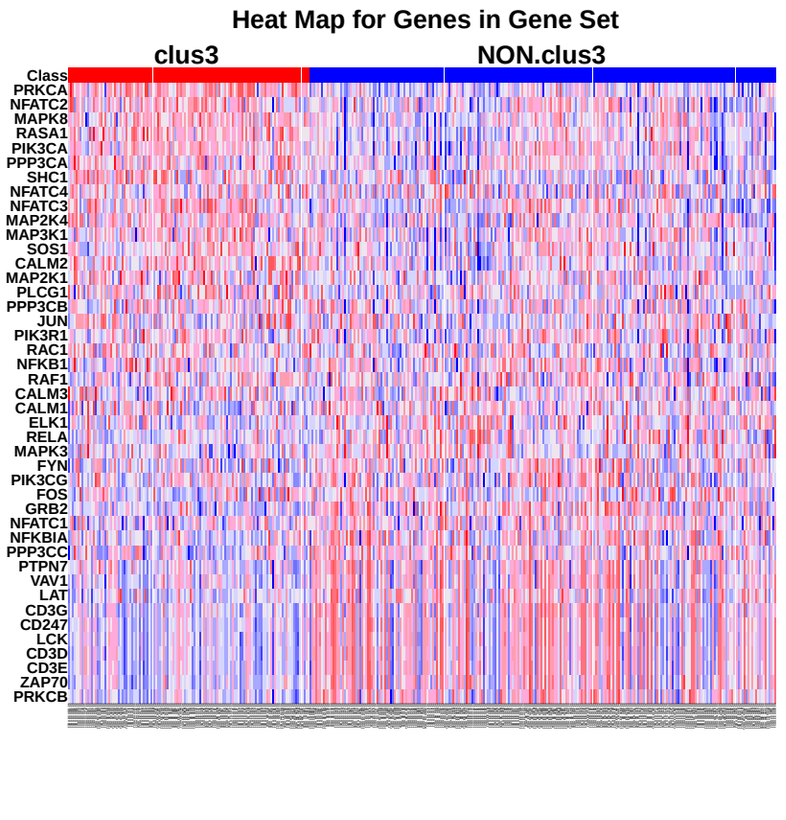

Gene Set 37 : BIOCARTA_TCR_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 10775
Peak at 17180
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18048 (in list), 43 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = −0.507 NES = −1.36 Nom. p−val= 0.201 FWER= 0.974 FDR= 0.631


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PRKCA
NFATC2
MAPK8
RASA1
PIK3CA
PPP3CA
SHC1
NFATC4
NFATC3
MAP2K4
MAP3K1
SOS1
CALM2
MAP2K1
PLCG1
PPP3CB
JUN
PIK3R1
RAC1
NFKB1
RAF1
CALM3
CALM1
ELK1
RELA
MAPK3
FYN
PIK3CG
FOS
GRB2
NFATC1
NFKBIA
PPP3CC
PTPN7
VAV1
LAT
CD3G
CD247
LCK
CD3D
CD3E
ZAP70
PRKCB