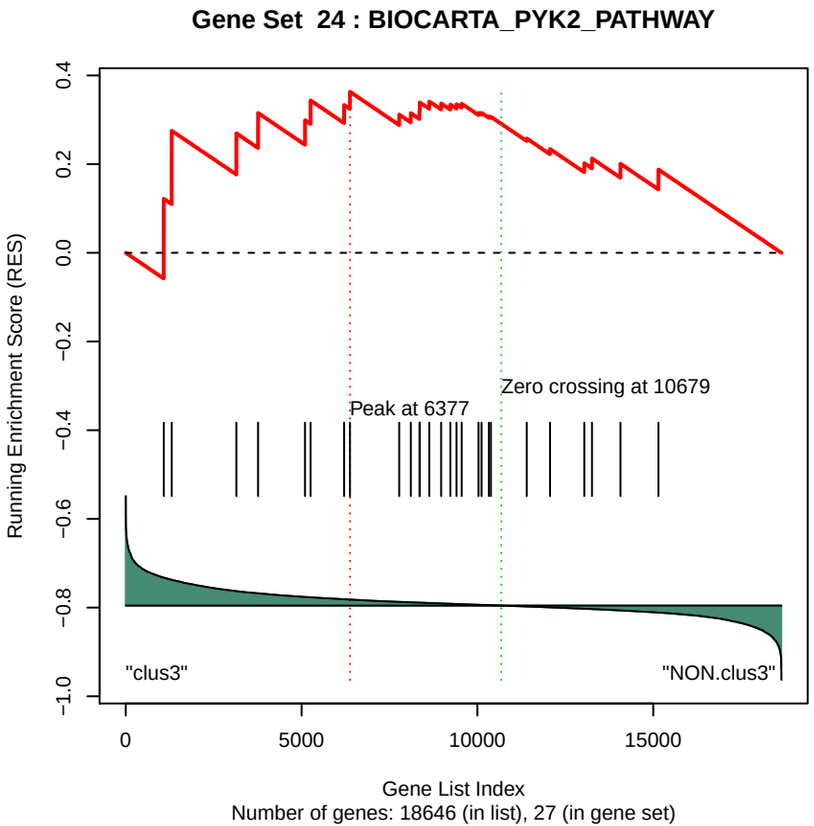
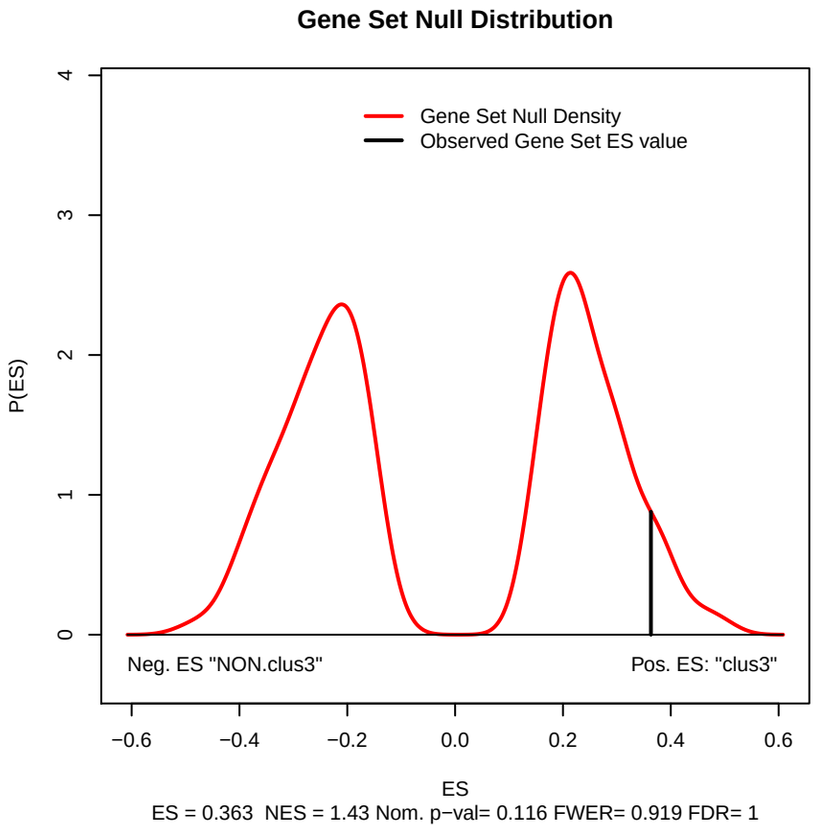
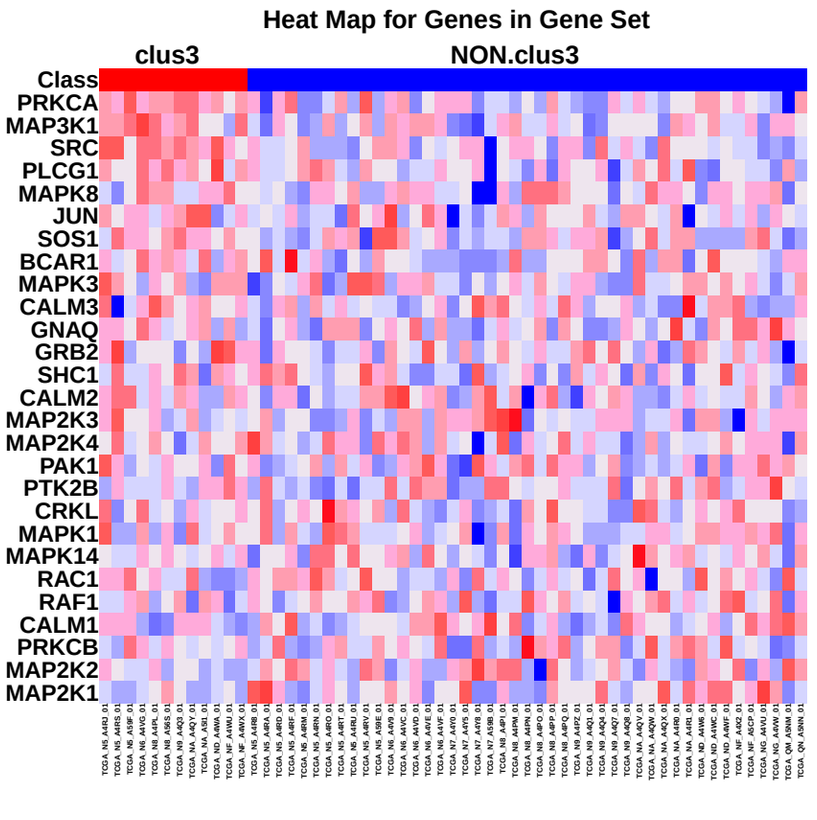

Gene Set 24 : BIOCARTA_PYK2_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 6377
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 27 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.363 NES = 1.43 Nom. p−val= 0.116 FWER= 0.919 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PRKCA
MAP3K1
SRC
PLCG1
MAPK8
JUN
SOS1
BCAR1
MAPK3
CALM3
GNAQ
GRB2
SHC1
CALM2
MAP2K3
MAP2K4
PAK1
PTK2B
CRKL
MAPK1
MAPK14
RAC1
RAF1
CALM1
PRKCB
MAP2K2
MAP2K1