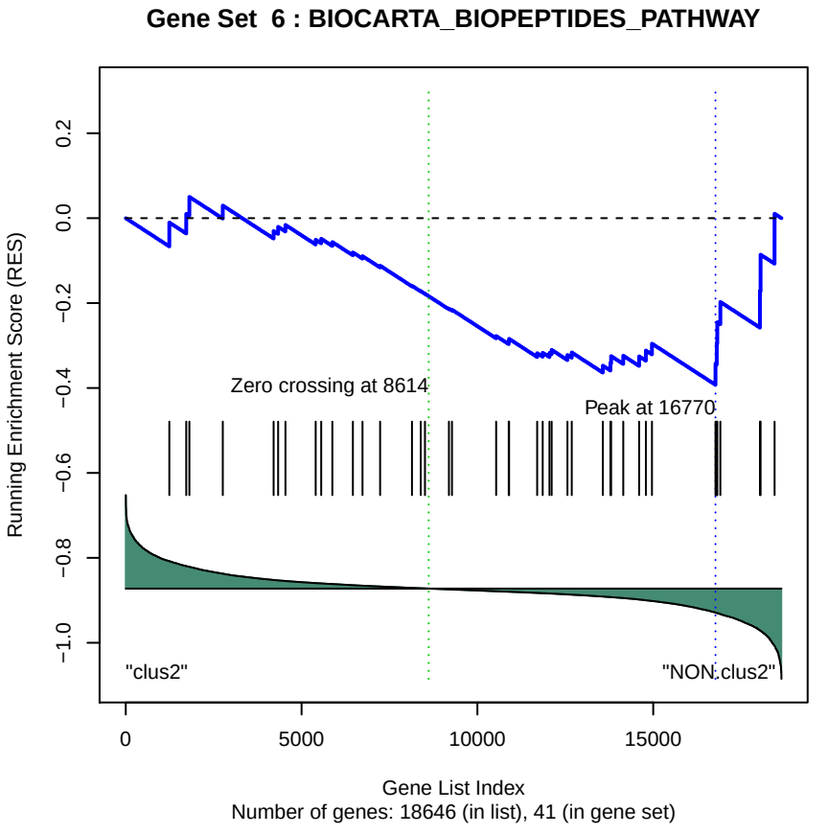
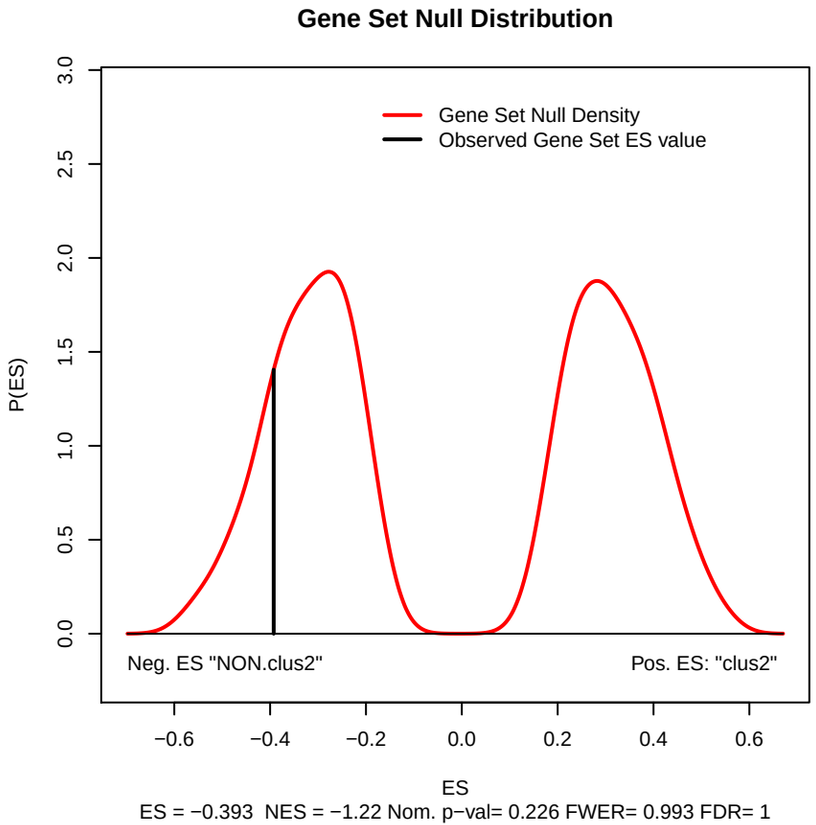
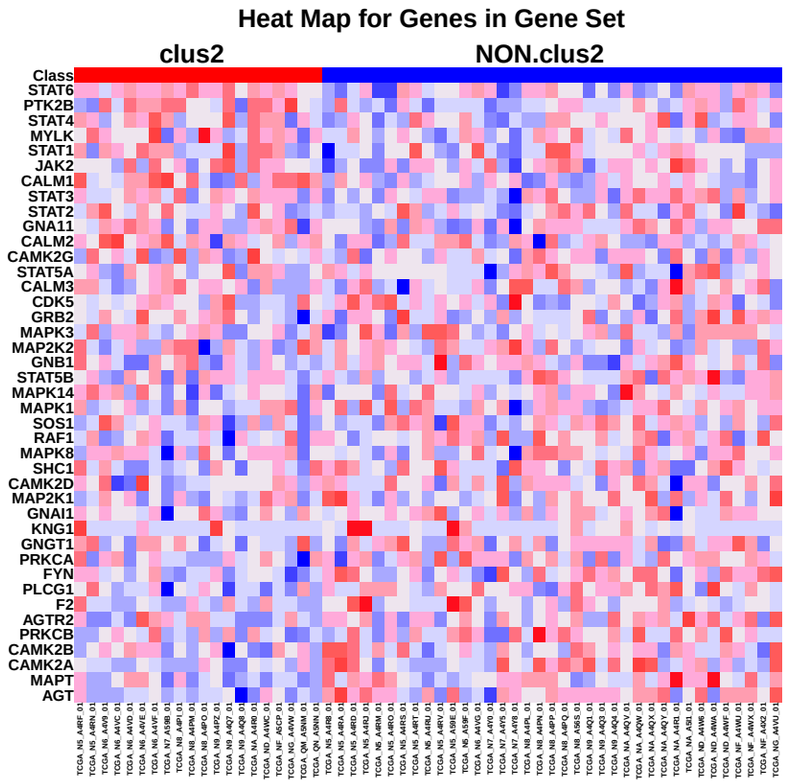

Gene Set 6 : BIOCARTA_BIOPEPTIDES_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8614
Peak at 16770
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 41 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.393 NES = −1.22 Nom. p−val= 0.226 FWER= 0.993 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
STAT6
PTK2B
STAT4
MYLK
STAT1
JAK2
CALM1
STAT3
STAT2
GNA11
CALM2
CAMK2G
STAT5A
CALM3
CDK5
GRB2
MAPK3
MAP2K2
GNB1
STAT5B
MAPK14
MAPK1
SOS1
RAF1
MAPK8
SHC1
CAMK2D
MAP2K1
GNAI1
KNG1
GNGT1
PRKCA
FYN
PLCG1
F2
AGTR2
PRKCB
CAMK2B
CAMK2A
MAPT
AGT