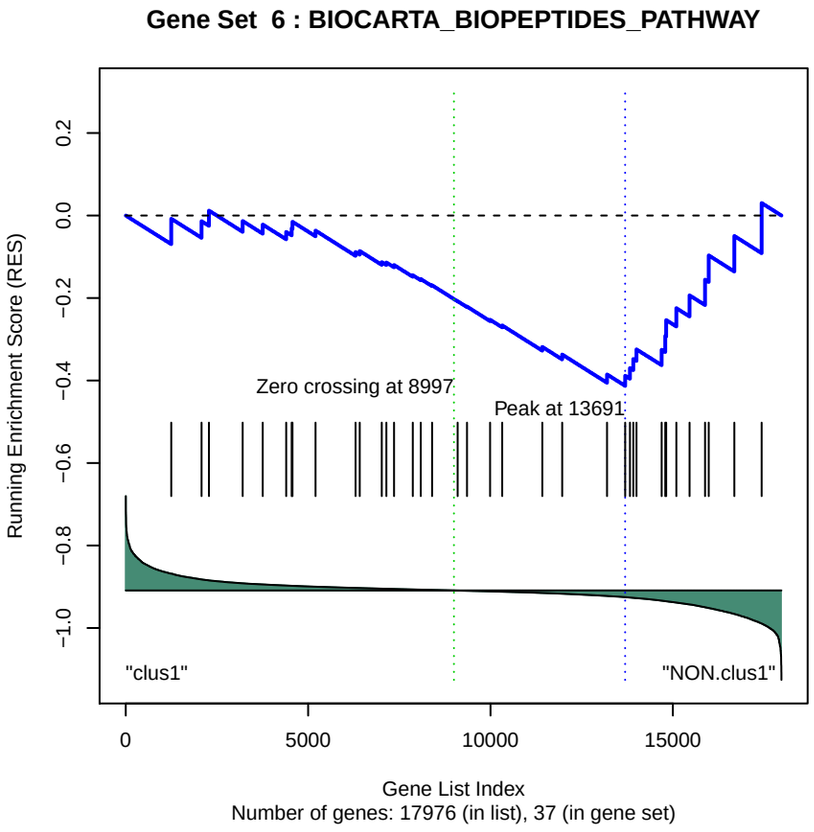
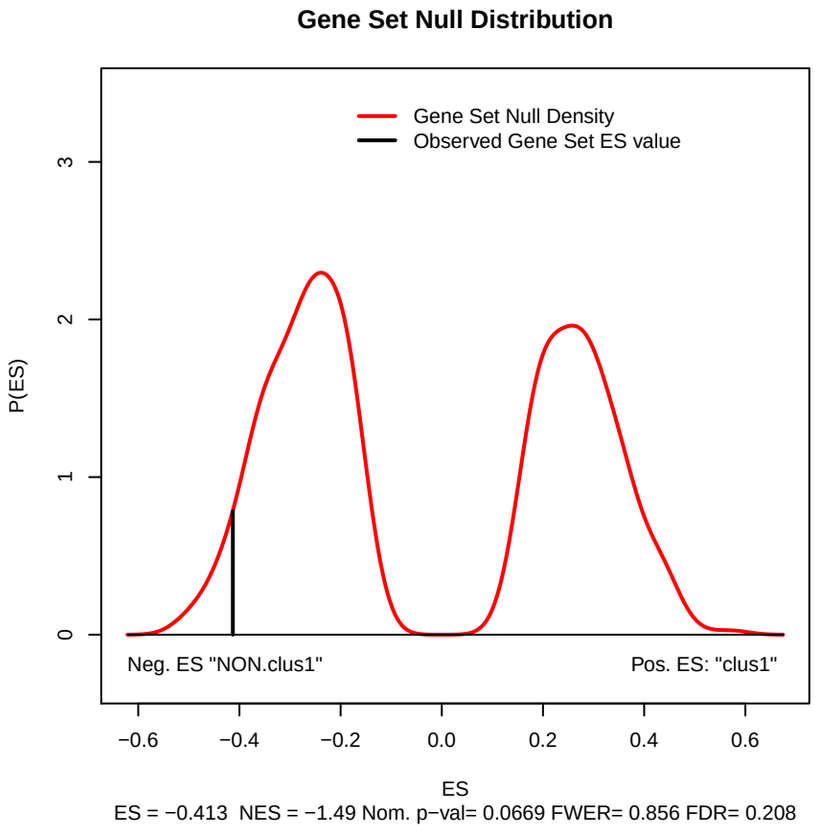
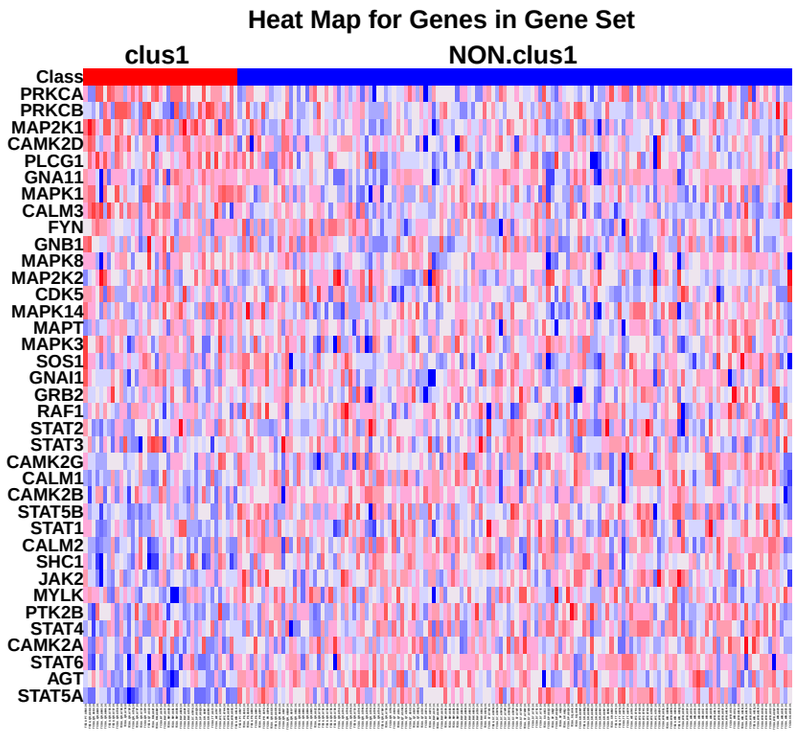

Gene Set 6 : BIOCARTA_BIOPEPTIDES_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8997
Peak at 13691
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17976 (in list), 37 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.413 NES = −1.49 Nom. p−val= 0.0669 FWER= 0.856 FDR= 0.208


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PRKCA
PRKCB
MAP2K1
CAMK2D
PLCG1
GNA11
MAPK1
CALM3
FYN
GNB1
MAPK8
MAP2K2
CDK5
MAPK14
MAPT
MAPK3
SOS1
GNAI1
GRB2
RAF1
STAT2
STAT3
CAMK2G
CALM1
CAMK2B
STAT5B
STAT1
CALM2
SHC1
JAK2
MYLK
PTK2B
STAT4
CAMK2A
STAT6
AGT
STAT5A