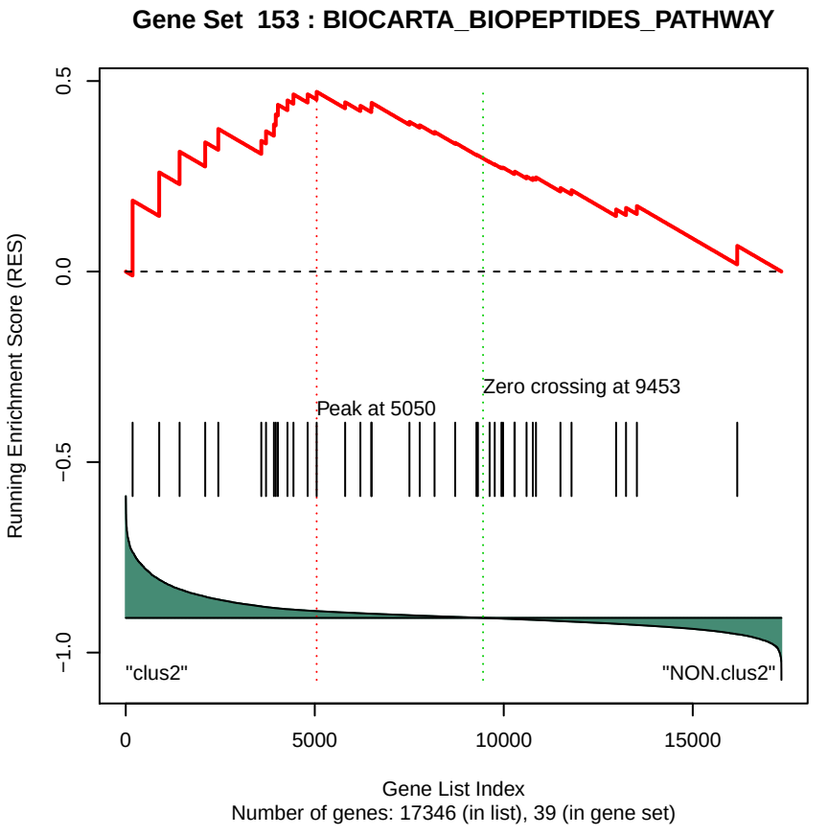
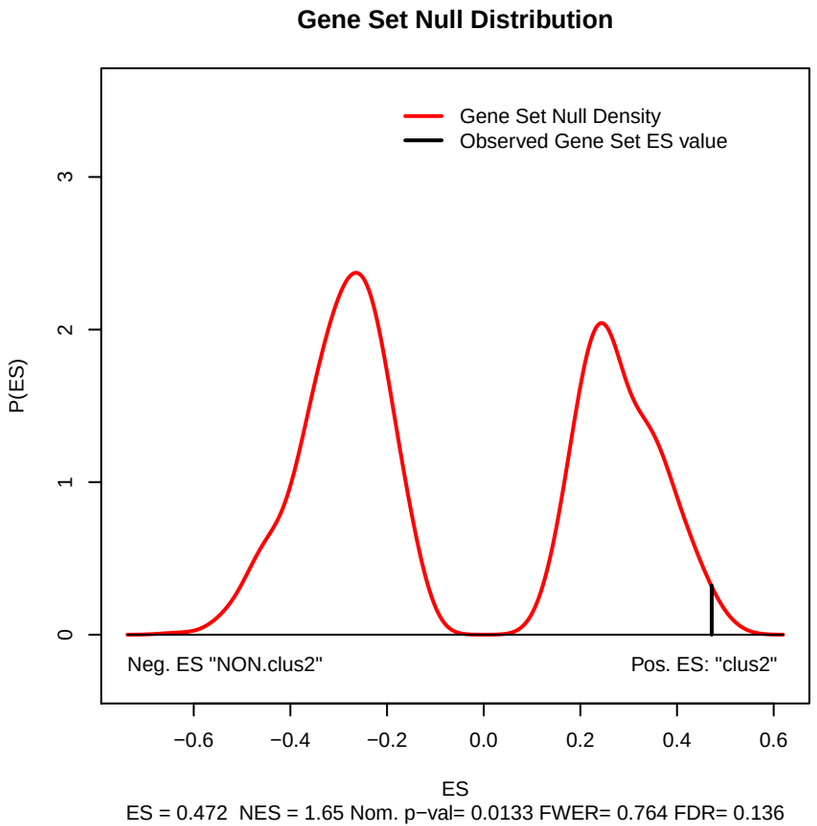
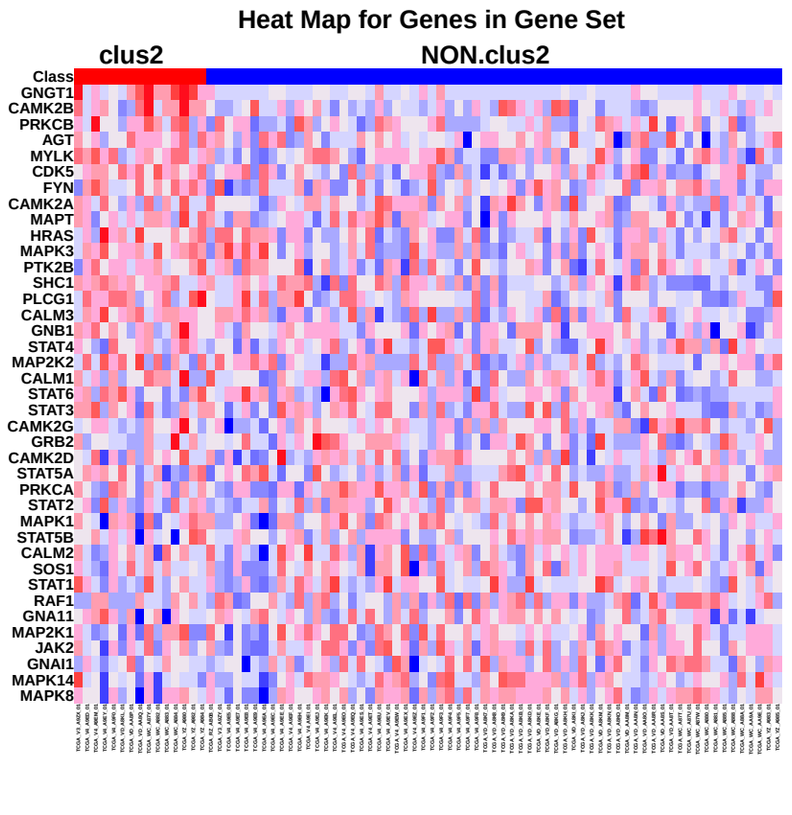

Gene Set 153 : BIOCARTA_BIOPEPTIDES_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5050
Zero crossing at 9453
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17346 (in list), 39 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.472 NES = 1.65 Nom. p−val= 0.0133 FWER= 0.764 FDR= 0.136


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