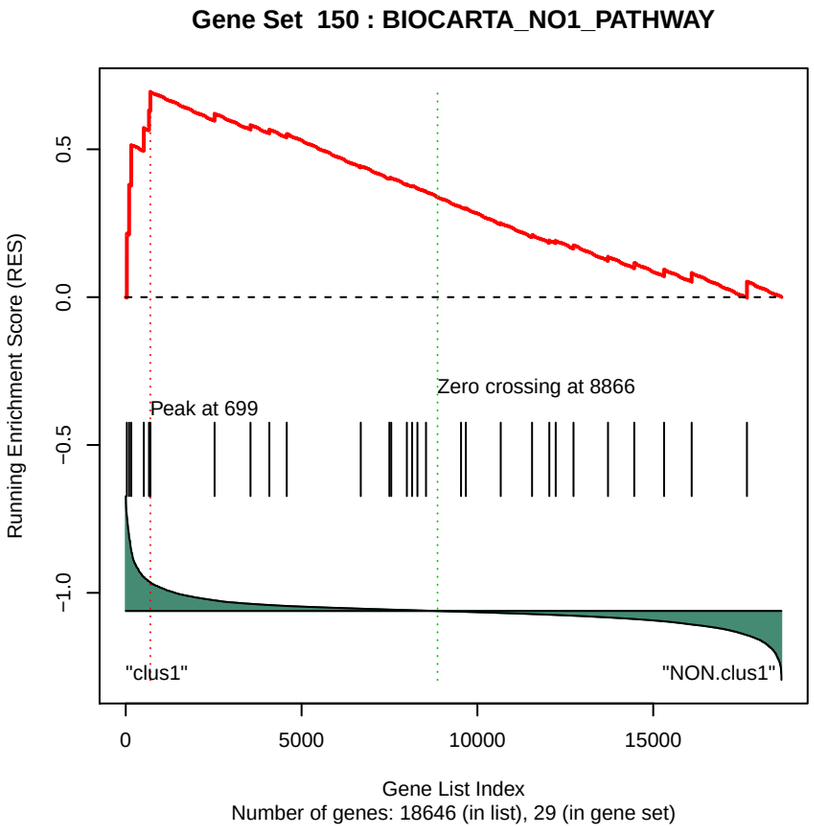
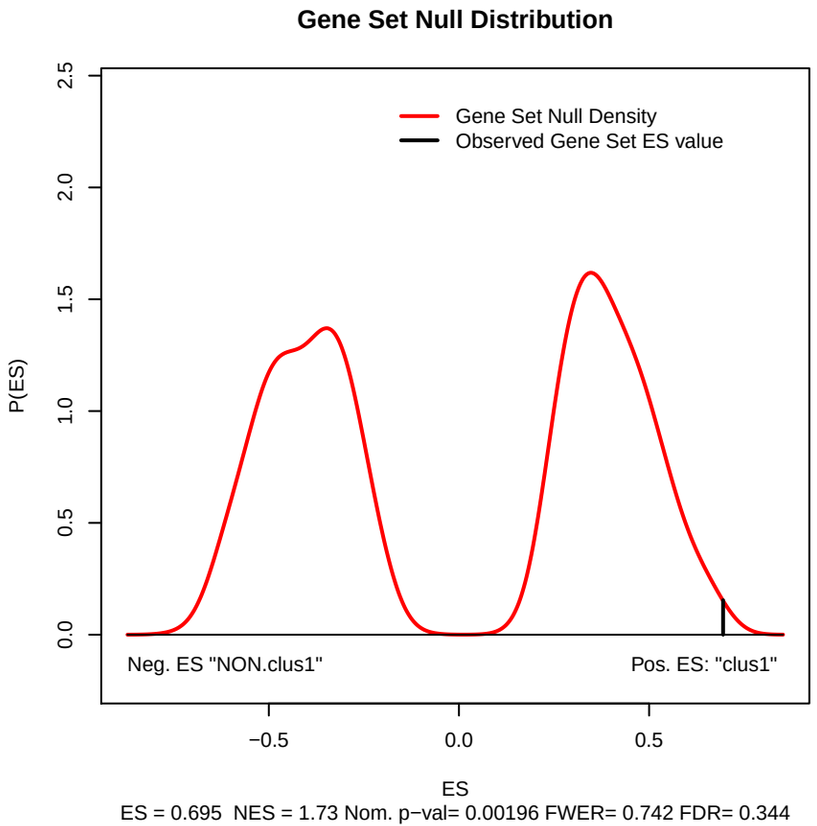
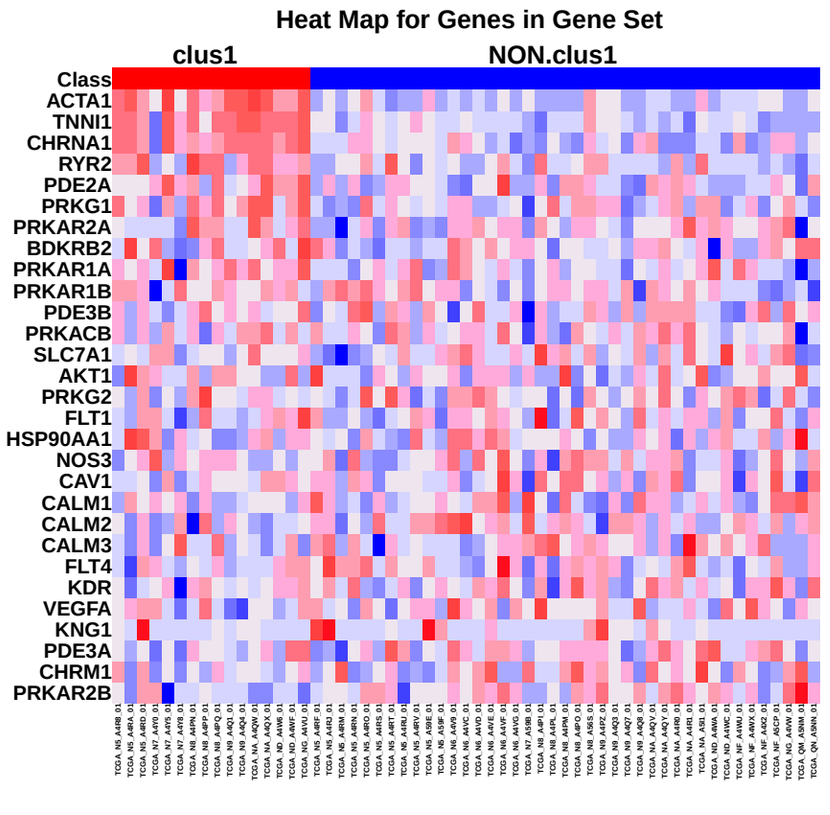

Gene Set 150 : BIOCARTA_NO1_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 699
Zero crossing at 8866
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 29 (in gene set)


Gene Set Null Distribution
P(ES)
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.695 NES = 1.73 Nom. p−val= 0.00196 FWER= 0.742 FDR= 0.344


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
ACTA1
TNNI1
CHRNA1
RYR2
PDE2A
PRKG1
PRKAR2A
BDKRB2
PRKAR1A
PRKAR1B
PDE3B
PRKACB
SLC7A1
AKT1
PRKG2
FLT1
HSP90AA1
NOS3
CAV1
CALM1
CALM2
CALM3
FLT4
KDR
VEGFA
KNG1
PDE3A
CHRM1
PRKAR2B