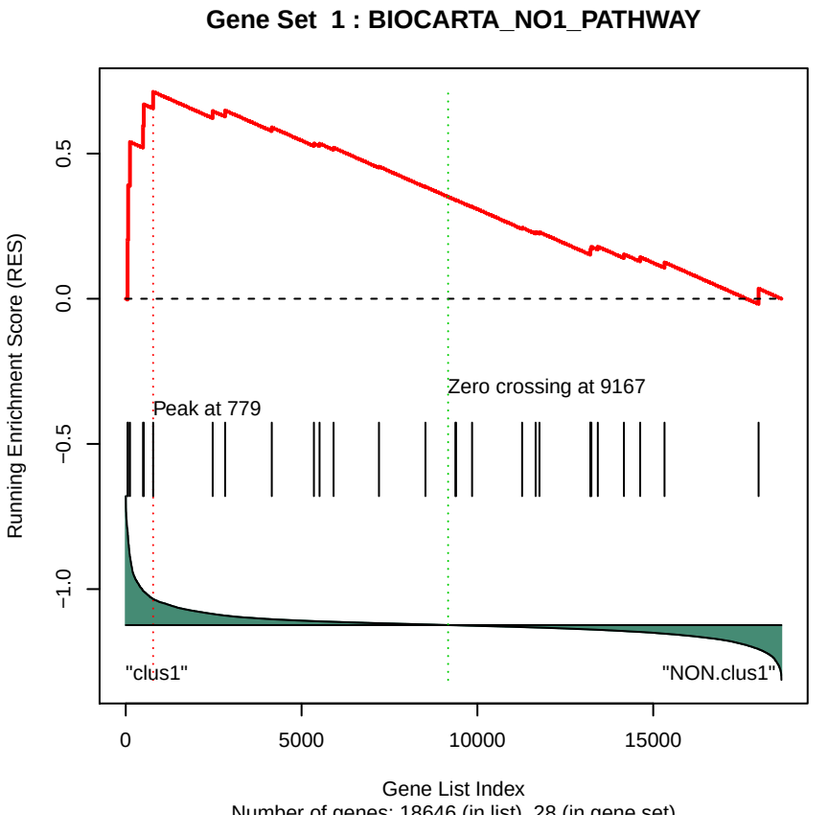
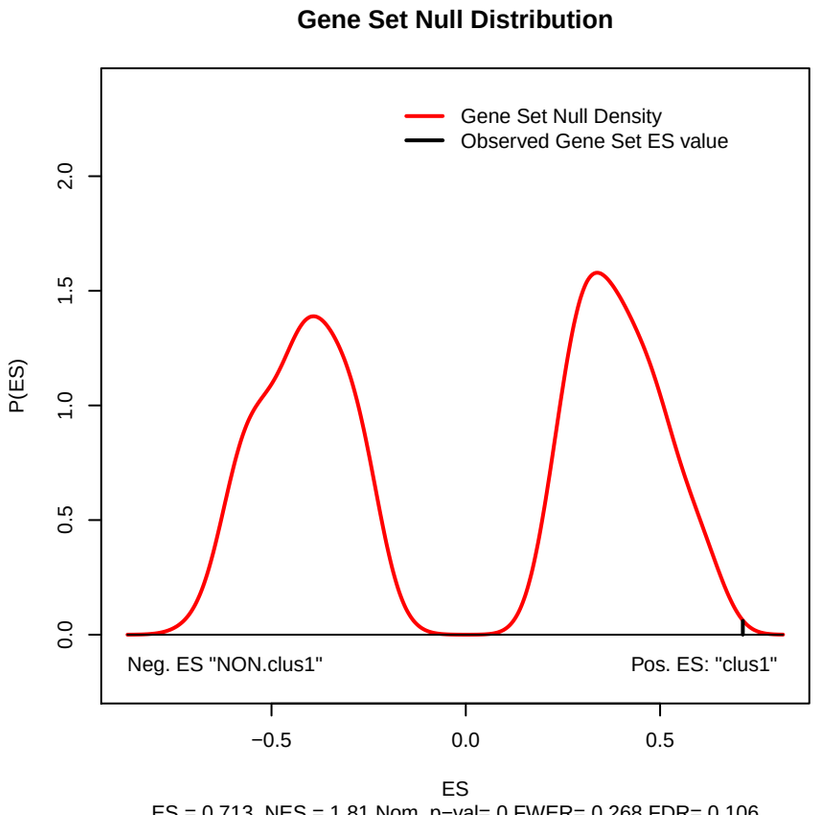
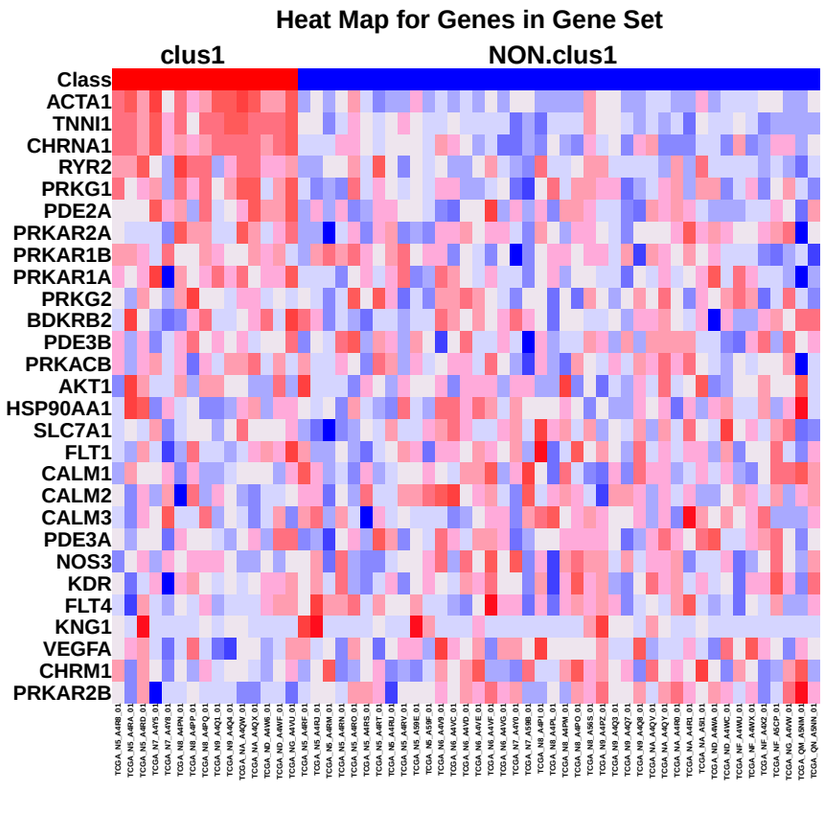

Gene Set 1 : BIOCARTA_NO1_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 779
Zero crossing at 9167
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 28 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.713 NES = 1.81 Nom. p−val= 0 FWER= 0.268 FDR= 0.106


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