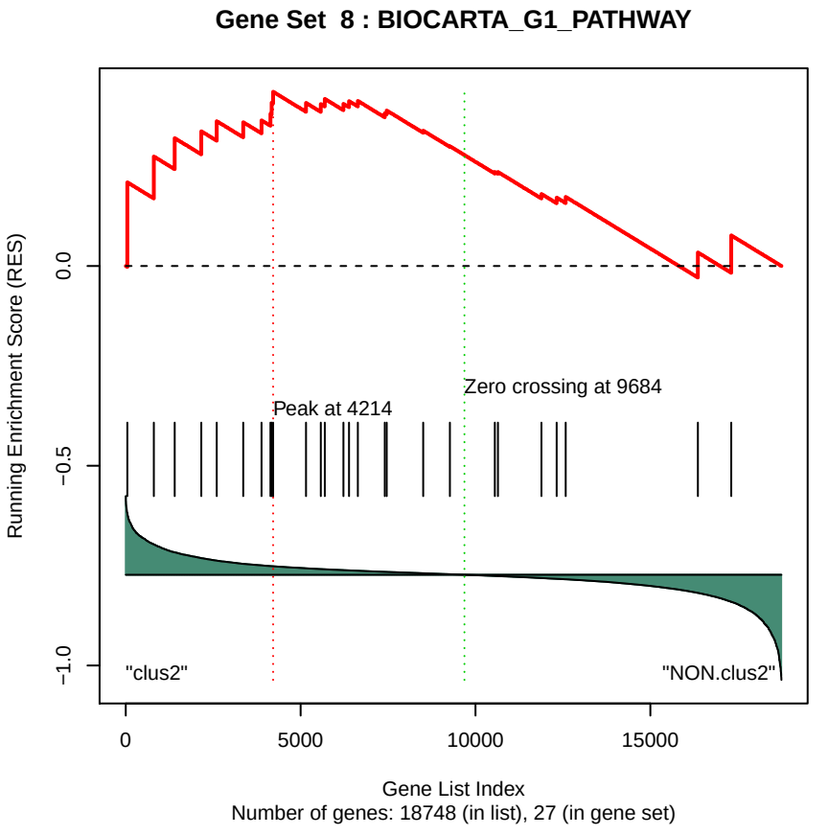
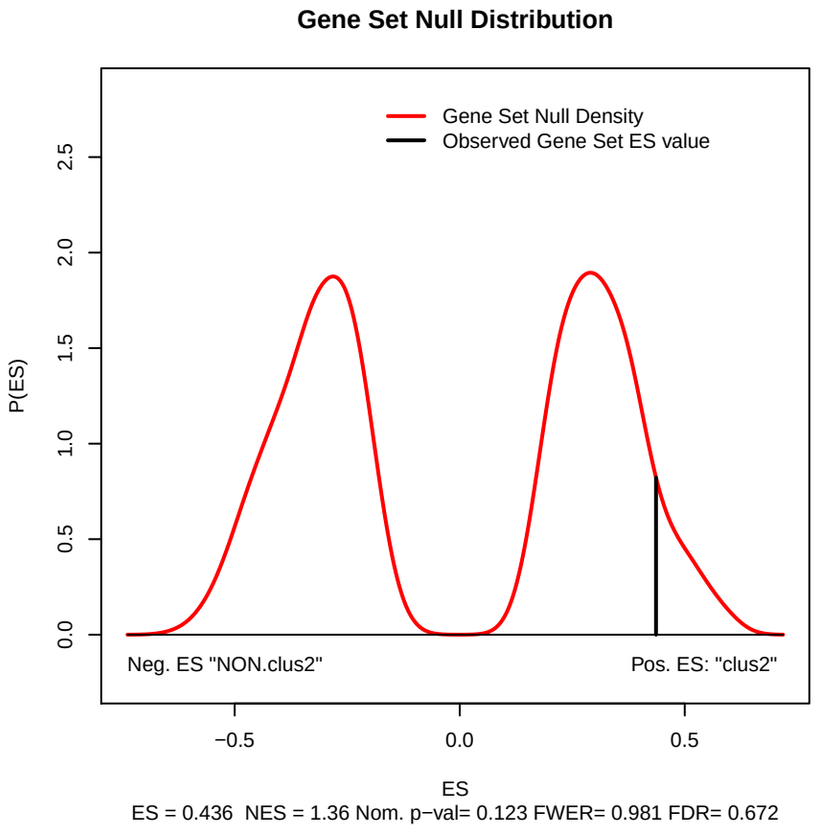
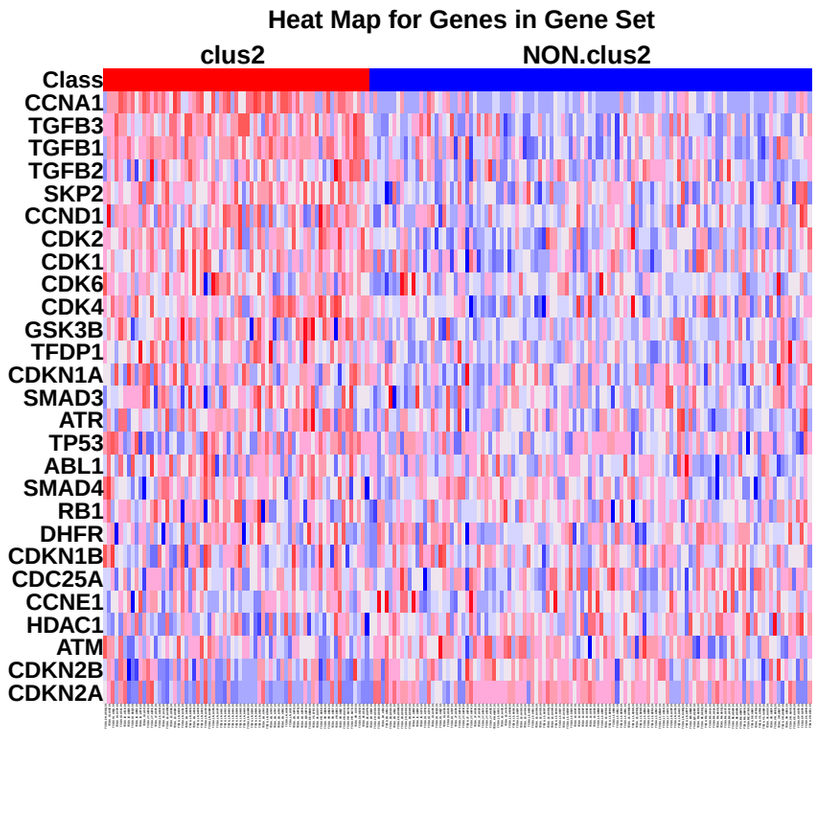

Gene Set 8 : BIOCARTA_G1_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Peak at 4214
Zero crossing at 9684
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18748 (in list), 27 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.436 NES = 1.36 Nom. p−val= 0.123 FWER= 0.981 FDR= 0.672


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
CCNA1
TGFB3
TGFB1
TGFB2
SKP2
CCND1
CDK2
CDK1
CDK6
CDK4
GSK3B
TFDP1
CDKN1A
SMAD3
ATR
TP53
ABL1
SMAD4
RB1
DHFR
CDKN1B
CDC25A
CCNE1
HDAC1
ATM
CDKN2B
CDKN2A