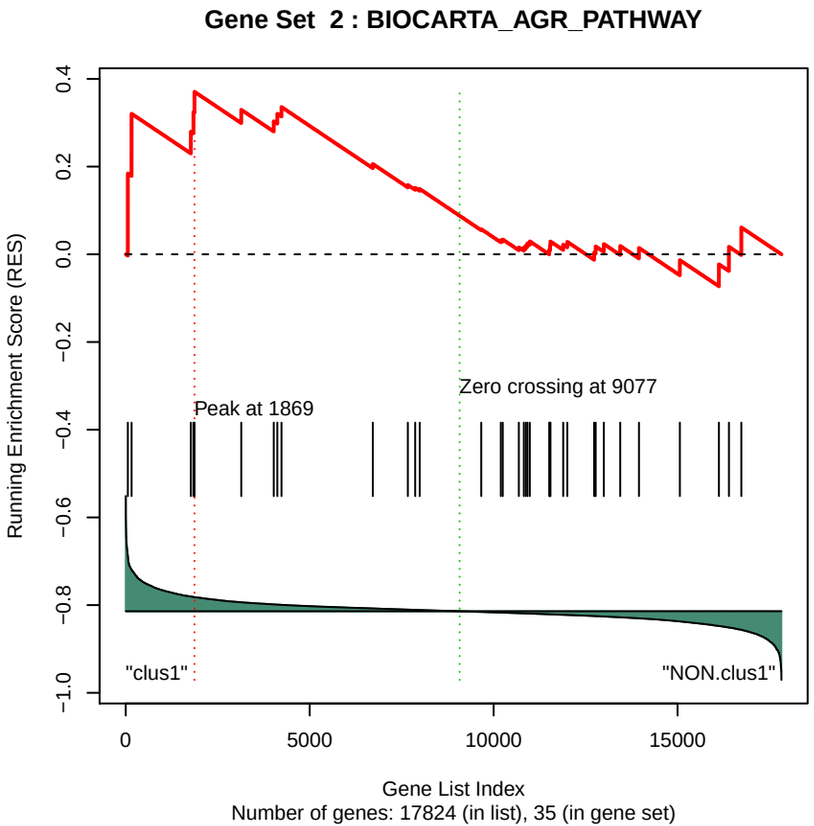
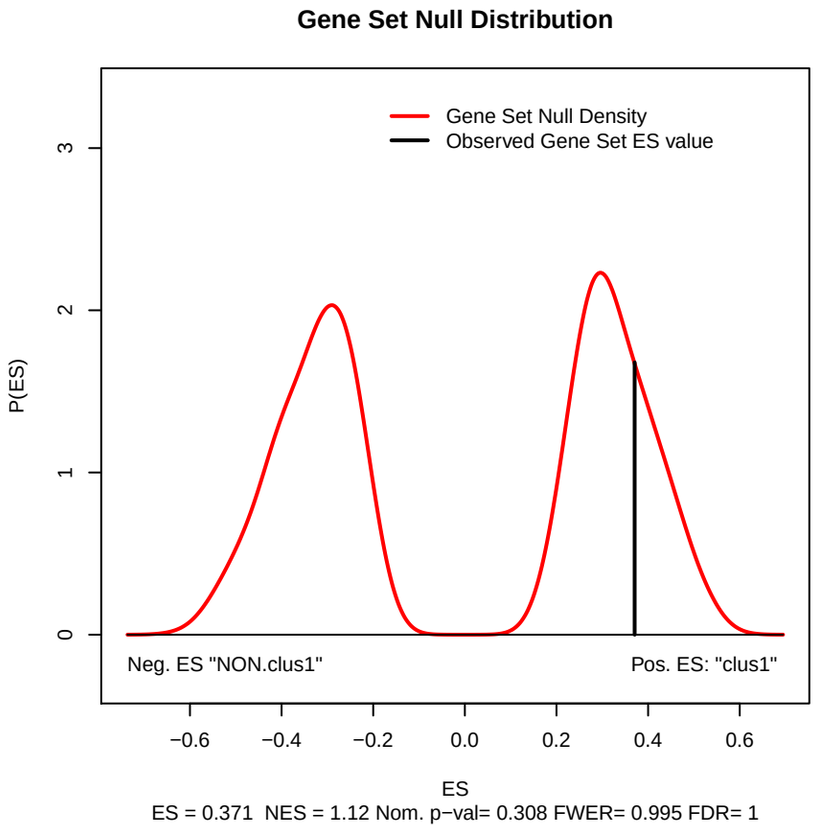
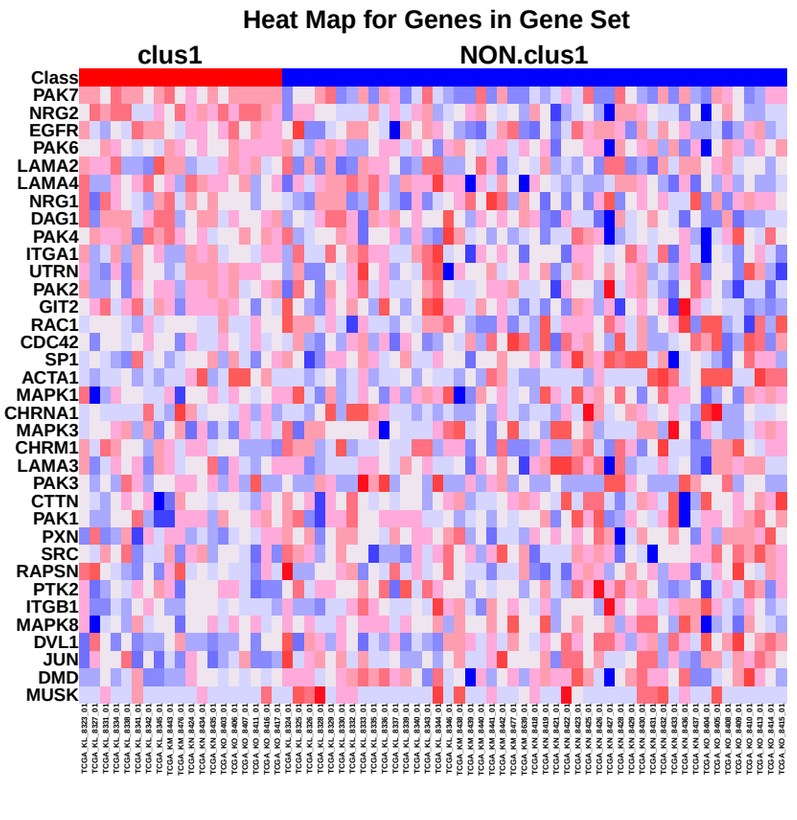

Gene Set 2 : BIOCARTA_AGR_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 1869
Zero crossing at 9077
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 35 (in gene set)


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 = 0.371 NES = 1.12 Nom. p−val= 0.308 FWER= 0.995 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PAK7
NRG2
EGFR
PAK6
LAMA2
LAMA4
NRG1
DAG1
PAK4
ITGA1
UTRN
PAK2
GIT2
RAC1
CDC42
SP1
ACTA1
MAPK1
CHRNA1
MAPK3
CHRM1
LAMA3
PAK3
CTTN
PAK1
PXN
SRC
RAPSN
PTK2
ITGB1
MAPK8
DVL1
JUN
DMD
MUSK