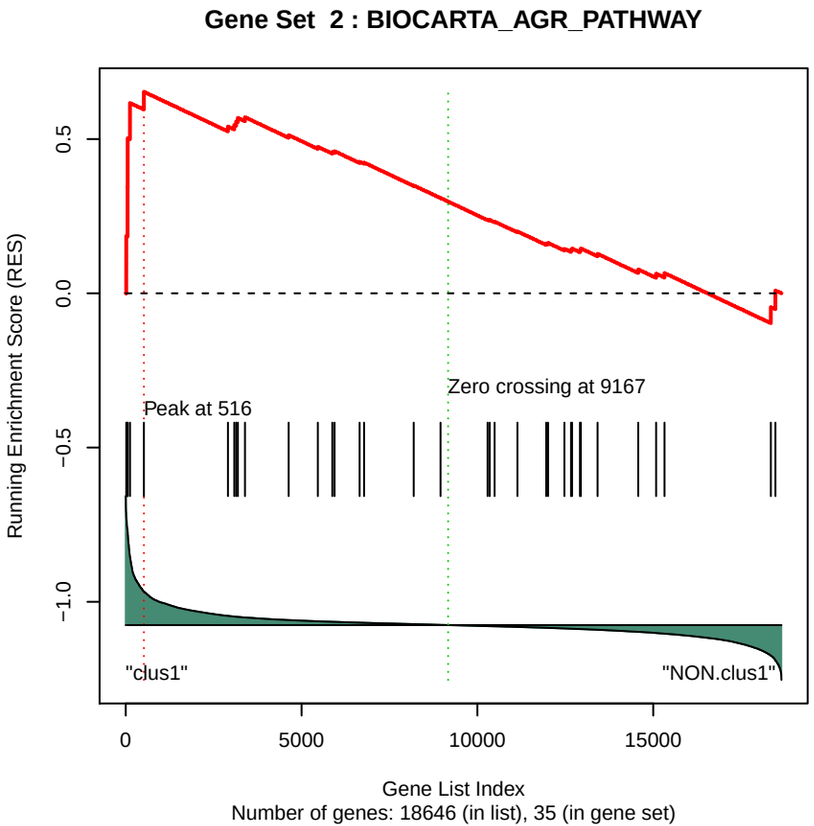
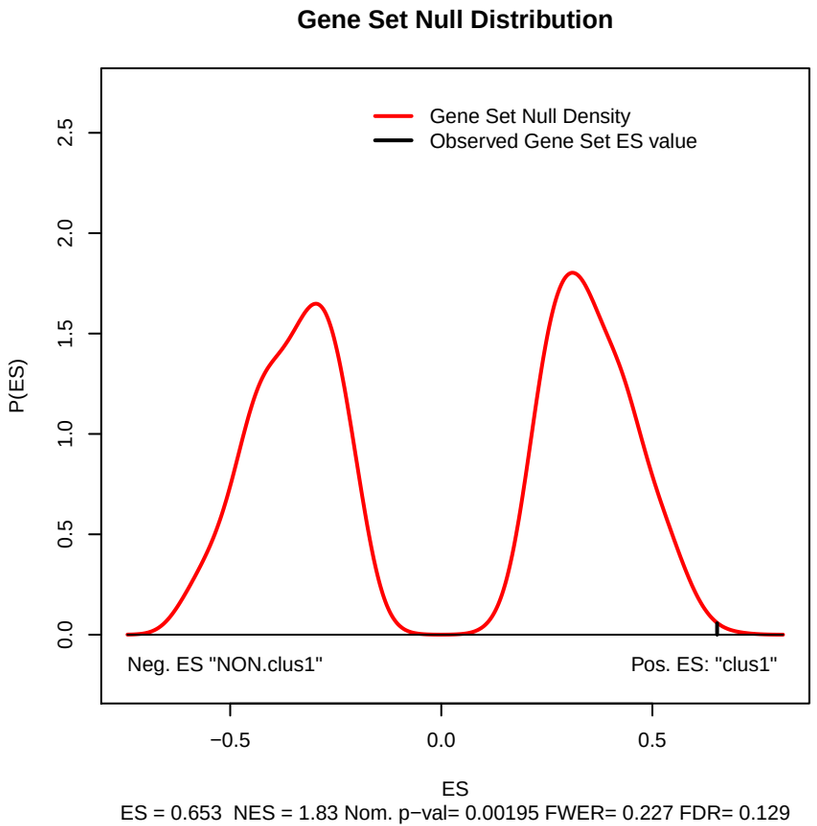
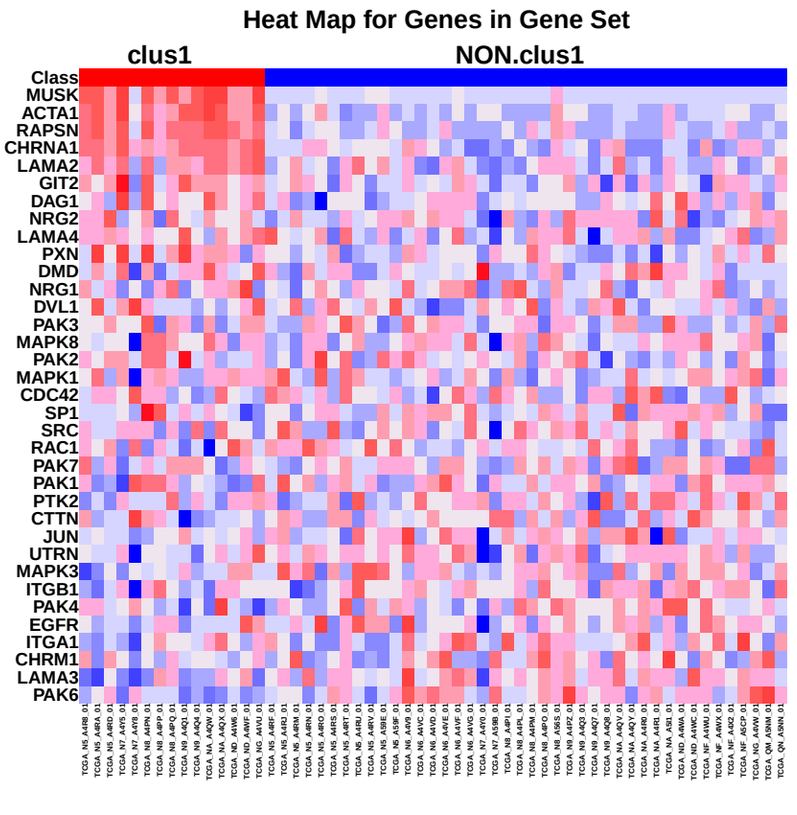

Gene Set 2 : BIOCARTA_AGR_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 516
Zero crossing at 9167
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 35 (in gene set)


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.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.653 NES = 1.83 Nom. p−val= 0.00195 FWER= 0.227 FDR= 0.129


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