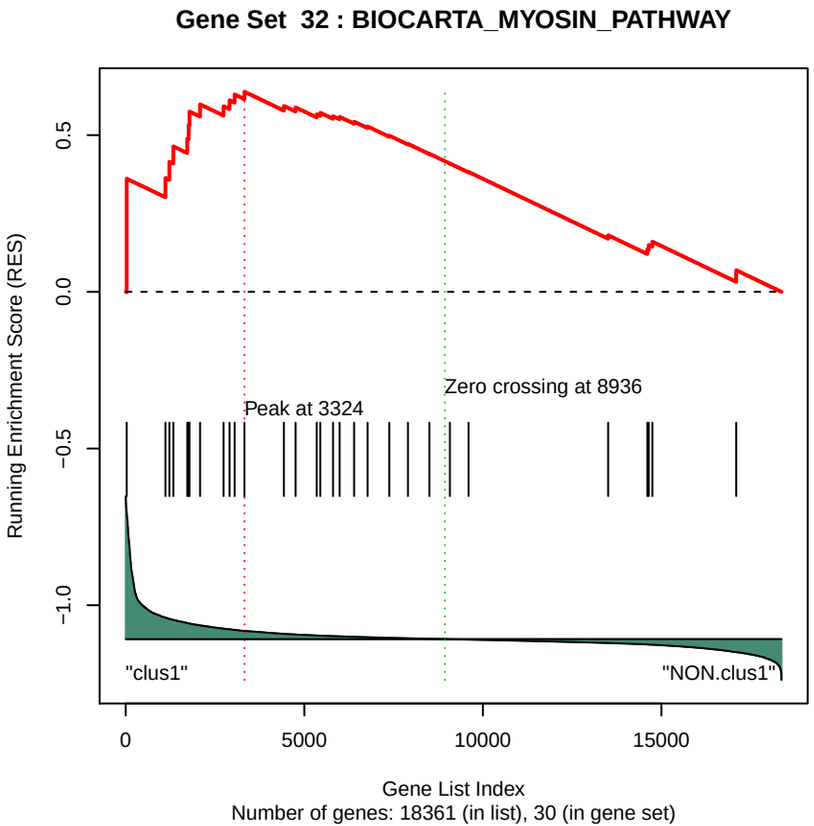
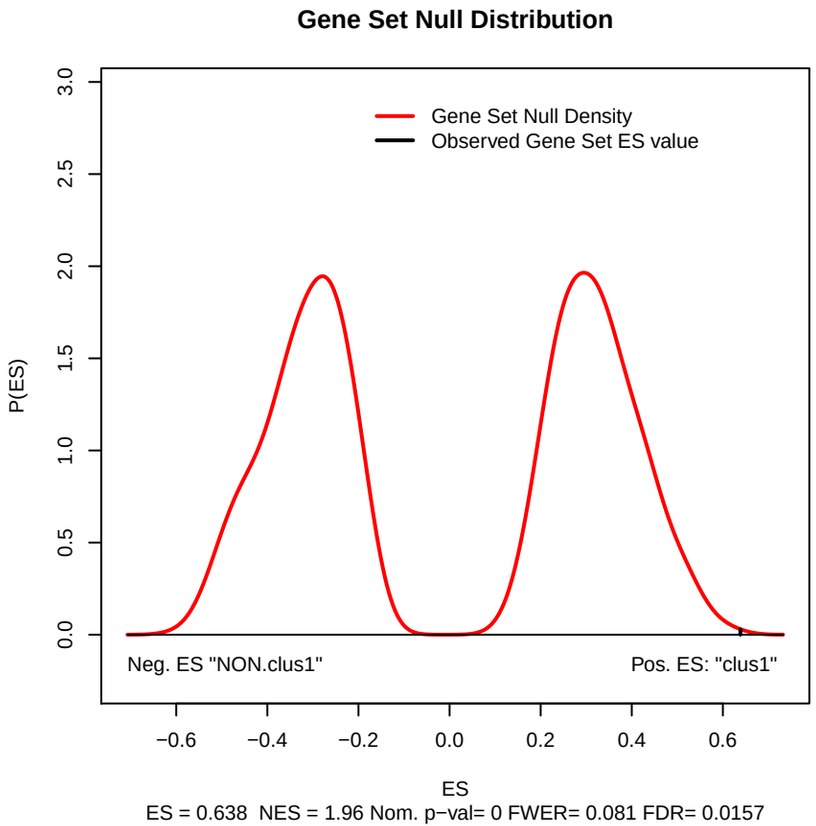
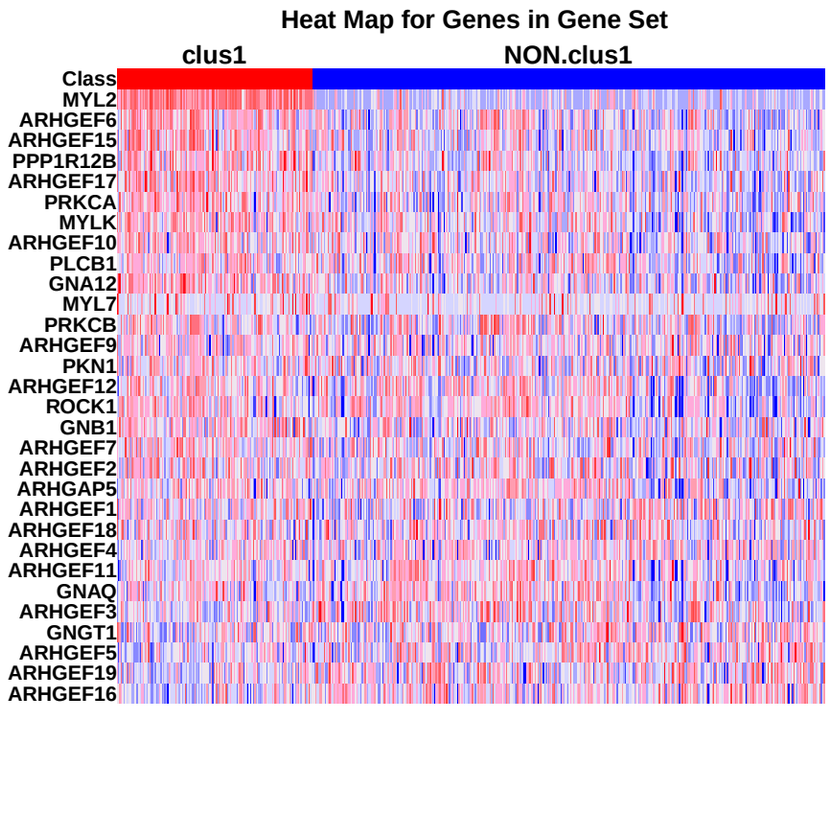

Gene Set 32 : BIOCARTA_MYOSIN_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3324
Zero crossing at 8936
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18361 (in list), 30 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.638 NES = 1.96 Nom. p−val= 0 FWER= 0.081 FDR= 0.0157


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
MYL2
ARHGEF6
ARHGEF15
PPP1R12B
ARHGEF17
PRKCA
MYLK
ARHGEF10
PLCB1
GNA12
MYL7
PRKCB
ARHGEF9
PKN1
ARHGEF12
ROCK1
GNB1
ARHGEF7
ARHGEF2
ARHGAP5
ARHGEF1
ARHGEF18
ARHGEF4
ARHGEF11
GNAQ
ARHGEF3
GNGT1
ARHGEF5
ARHGEF19
ARHGEF16