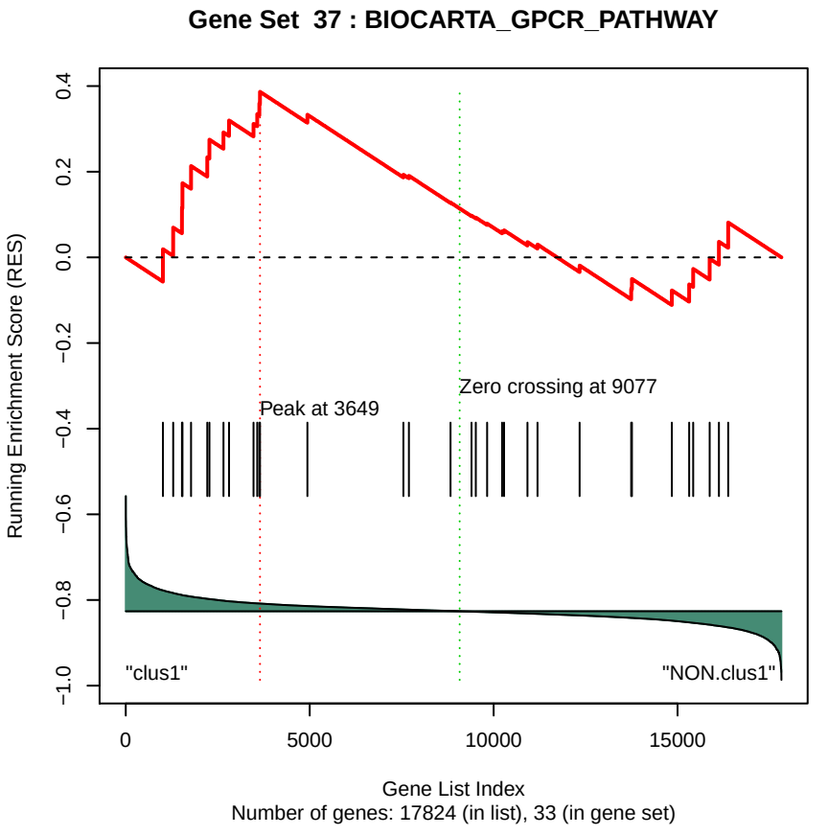
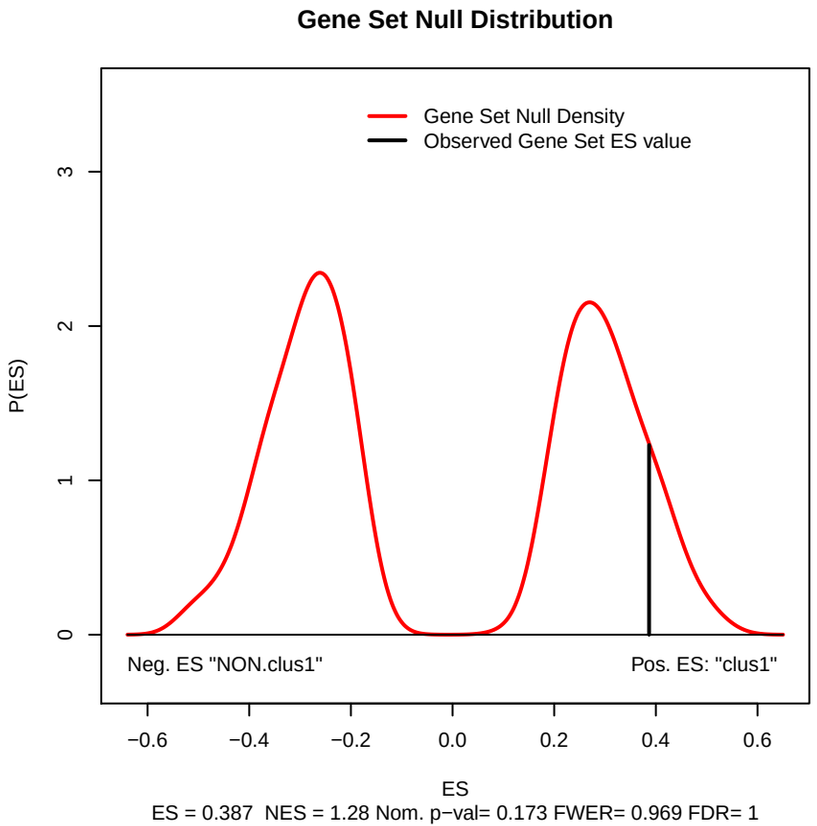
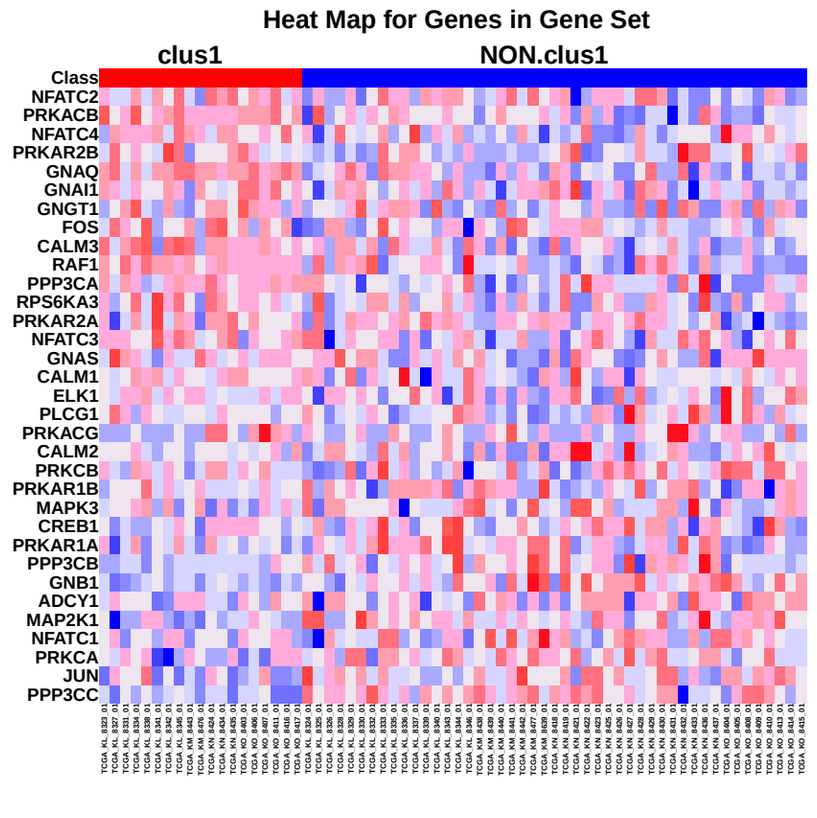

Gene Set 37 : BIOCARTA_GPCR_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 3649
Zero crossing at 9077
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 33 (in gene set)


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 = 0.387 NES = 1.28 Nom. p−val= 0.173 FWER= 0.969 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
NFATC2
PRKACB
NFATC4
PRKAR2B
GNAQ
GNAI1
GNGT1
FOS
CALM3
RAF1
PPP3CA
RPS6KA3
PRKAR2A
NFATC3
GNAS
CALM1
ELK1
PLCG1
PRKACG
CALM2
PRKCB
PRKAR1B
MAPK3
CREB1
PRKAR1A
PPP3CB
GNB1
ADCY1
MAP2K1
NFATC1
PRKCA
JUN
PPP3CC