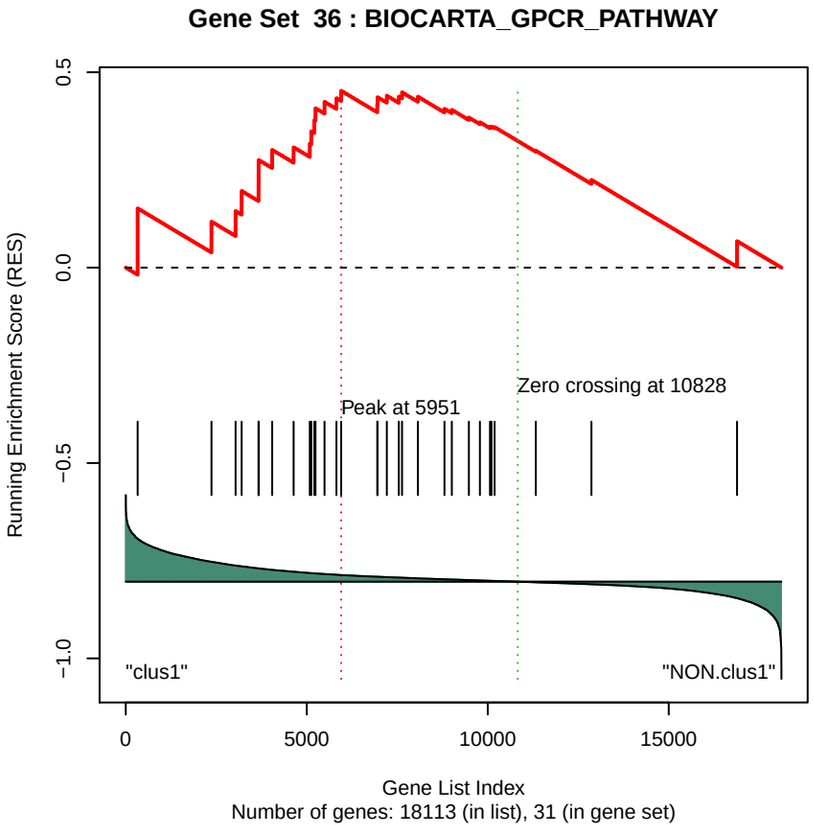
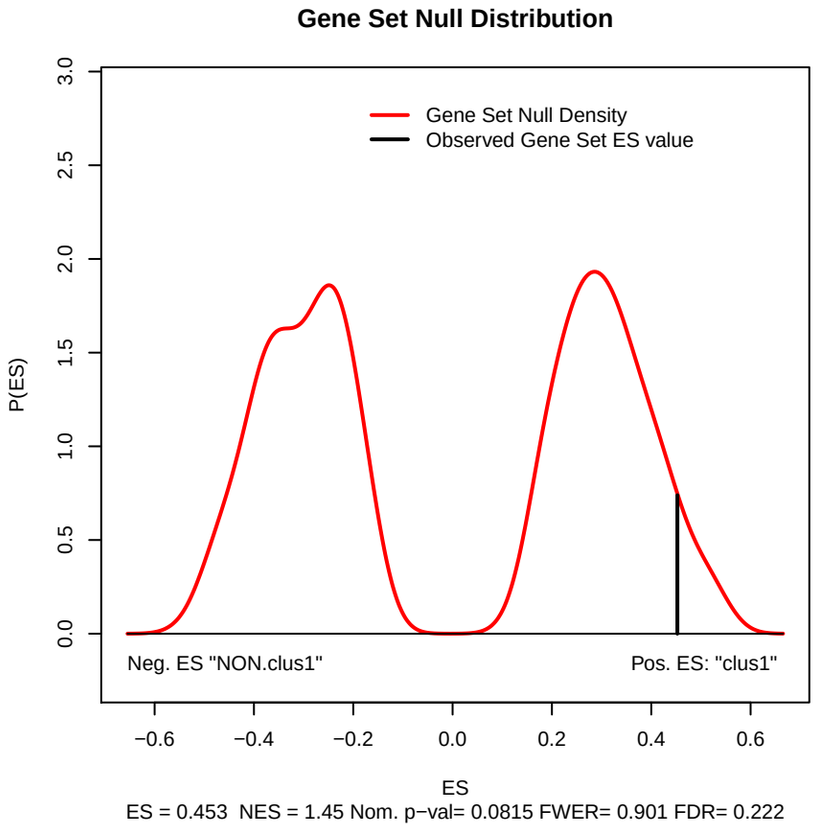
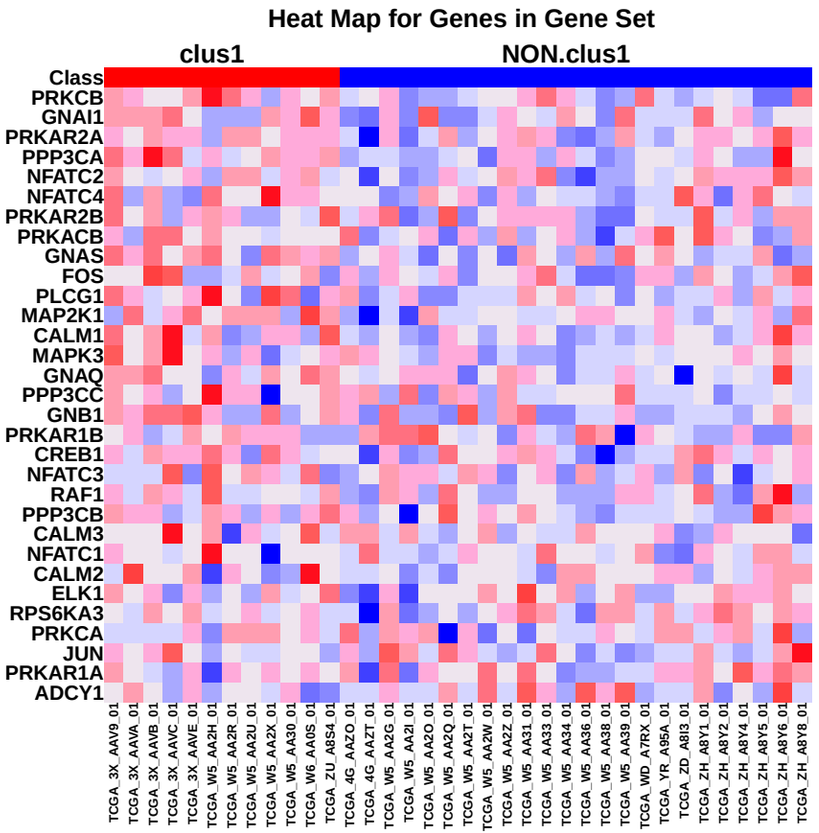

Gene Set 36 : BIOCARTA_GPCR_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5951
Zero crossing at 10828
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 31 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.453 NES = 1.45 Nom. p−val= 0.0815 FWER= 0.901 FDR= 0.222


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