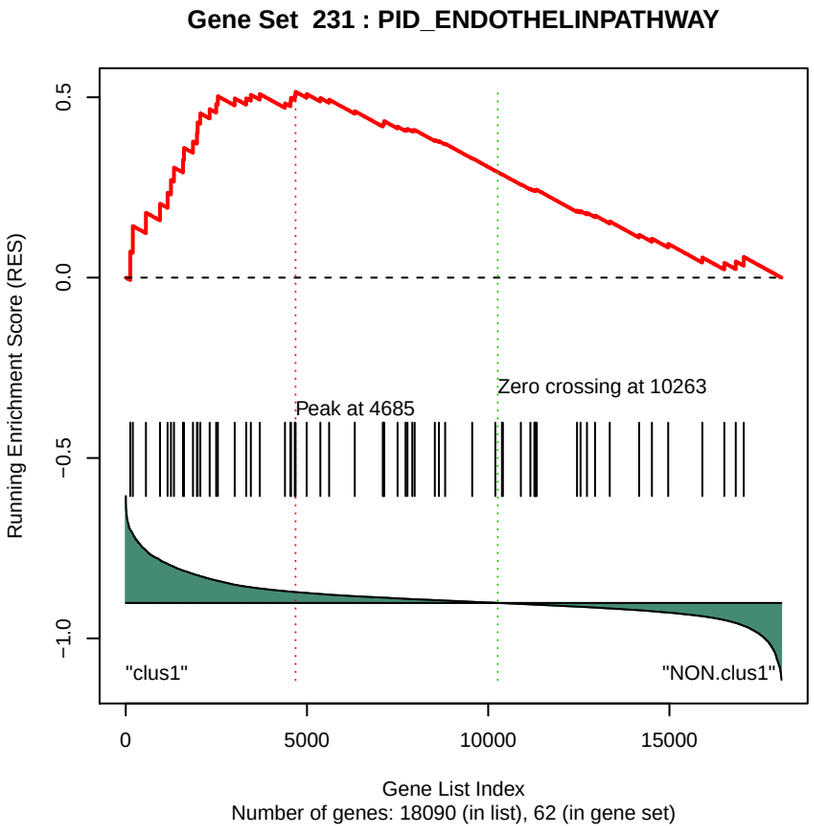
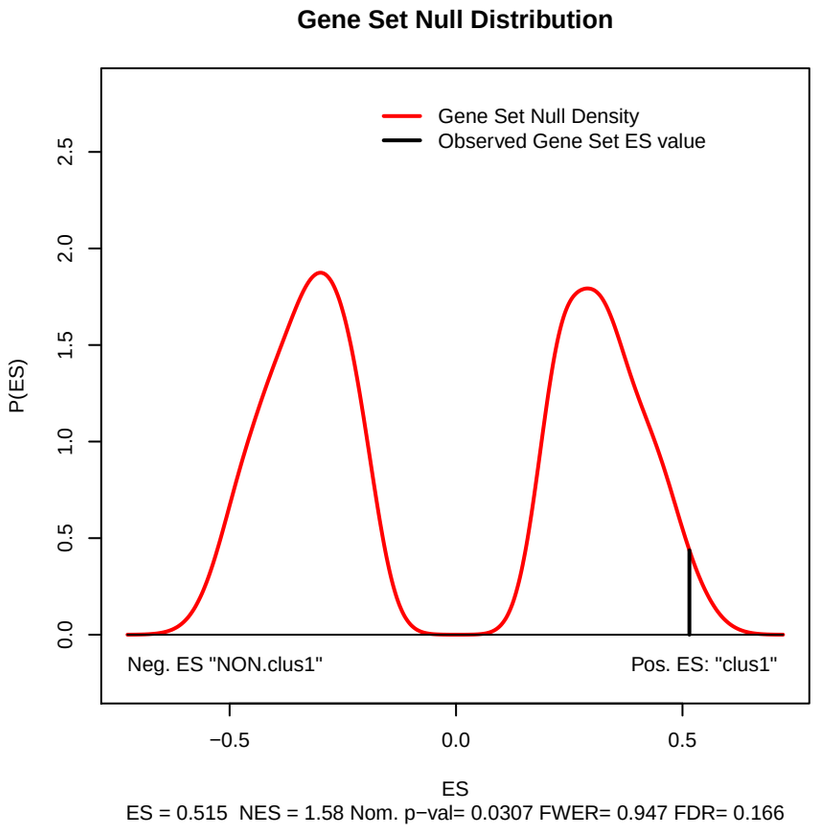
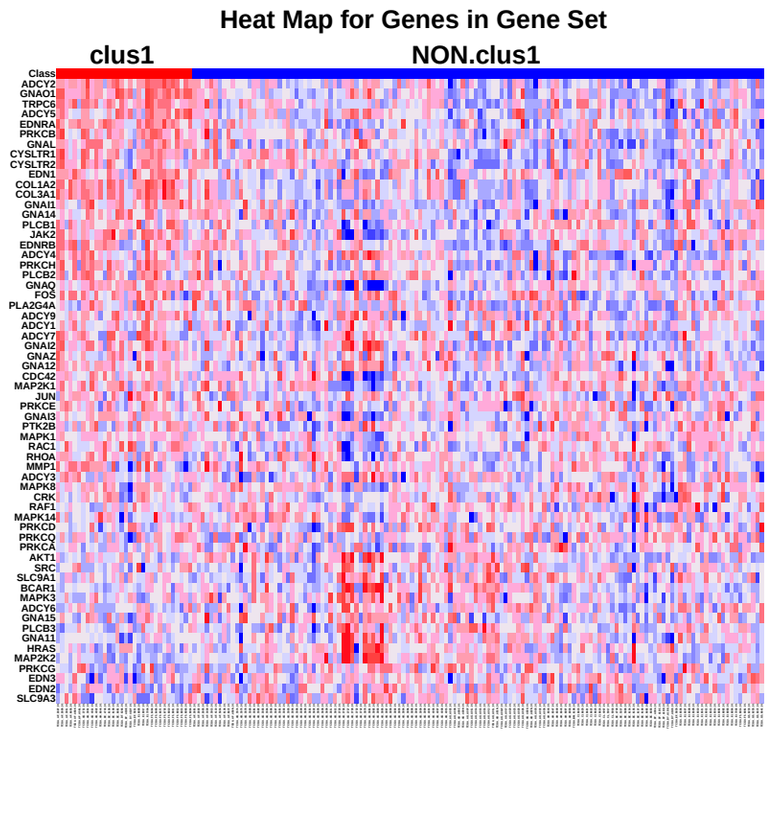

Gene Set 231 : PID_ENDOTHELINPATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4685
Zero crossing at 10263
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18090 (in list), 62 (in gene set)


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 = 0.515 NES = 1.58 Nom. p−val= 0.0307 FWER= 0.947 FDR= 0.166


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
ADCY2
GNAO1
TRPC6
ADCY5
EDNRA
PRKCB
GNAL
CYSLTR1
CYSLTR2
EDN1
COL1A2
COL3A1
GNAI1
GNA14
PLCB1
JAK2
EDNRB
ADCY4
PRKCH
PLCB2
GNAQ
FOS
PLA2G4A
ADCY9
ADCY1
ADCY7
GNAI2
GNAZ
GNA12
CDC42
MAP2K1
JUN
PRKCE
GNAI3
PTK2B
MAPK1
RAC1
RHOA
MMP1
ADCY3
MAPK8
CRK
RAF1
MAPK14
PRKCD
PRKCQ
PRKCA
AKT1
SRC
SLC9A1
BCAR1
MAPK3
ADCY6
GNA15
PLCB3
GNA11
HRAS
MAP2K2
PRKCG
EDN3
EDN2
SLC9A3