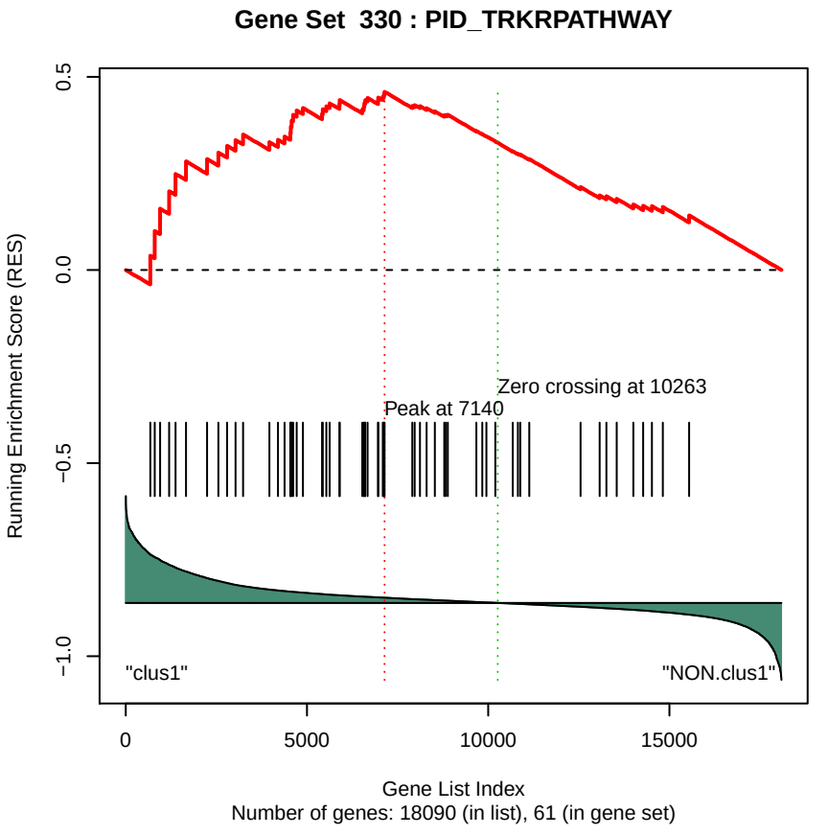
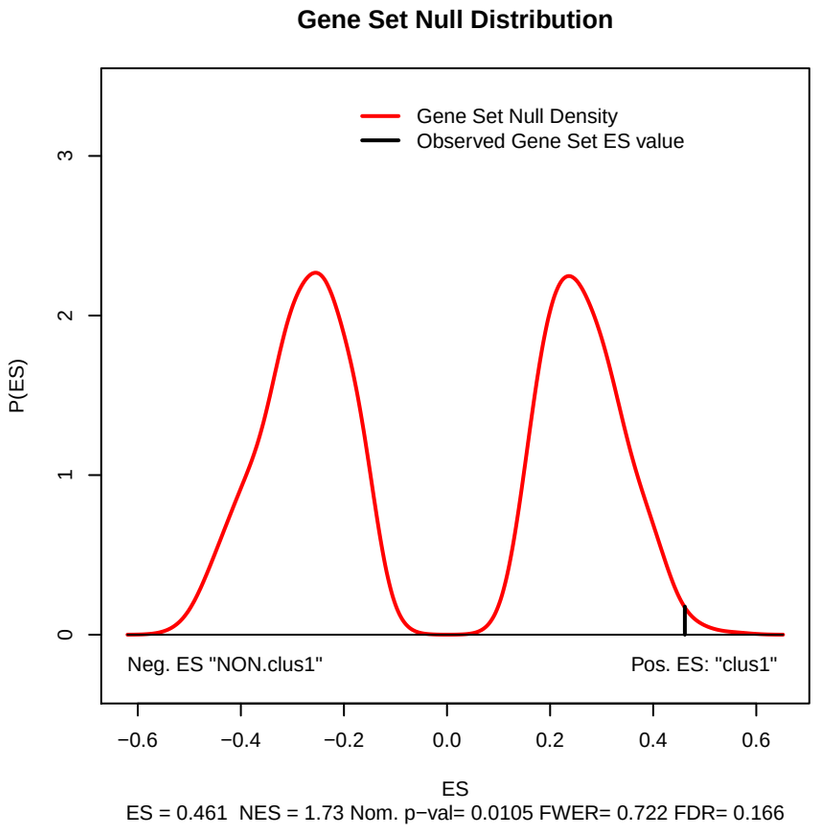
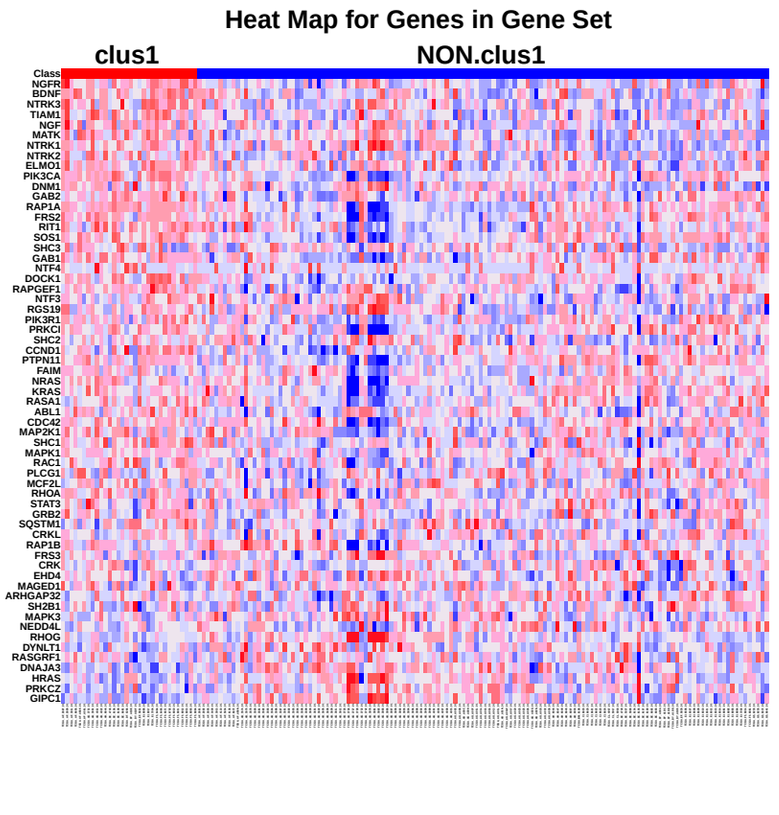

Gene Set 330 : PID_TRKRPATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Zero crossing at 10263
Peak at 7140
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18090 (in list), 61 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.461 NES = 1.73 Nom. p−val= 0.0105 FWER= 0.722 FDR= 0.166


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
NGFR
BDNF
NTRK3
TIAM1
NGF
MATK
NTRK1
NTRK2
ELMO1
PIK3CA
DNM1
GAB2
RAP1A
FRS2
RIT1
SOS1
SHC3
GAB1
NTF4
DOCK1
RAPGEF1
NTF3
RGS19
PIK3R1
PRKCI
SHC2
CCND1
PTPN11
FAIM
NRAS
KRAS
RASA1
ABL1
CDC42
MAP2K1
SHC1
MAPK1
RAC1
PLCG1
MCF2L
RHOA
STAT3
GRB2
SQSTM1
CRKL
RAP1B
FRS3
CRK
EHD4
MAGED1
ARHGAP32
SH2B1
MAPK3
NEDD4L
RHOG
DYNLT1
RASGRF1
DNAJA3
HRAS
PRKCZ
GIPC1