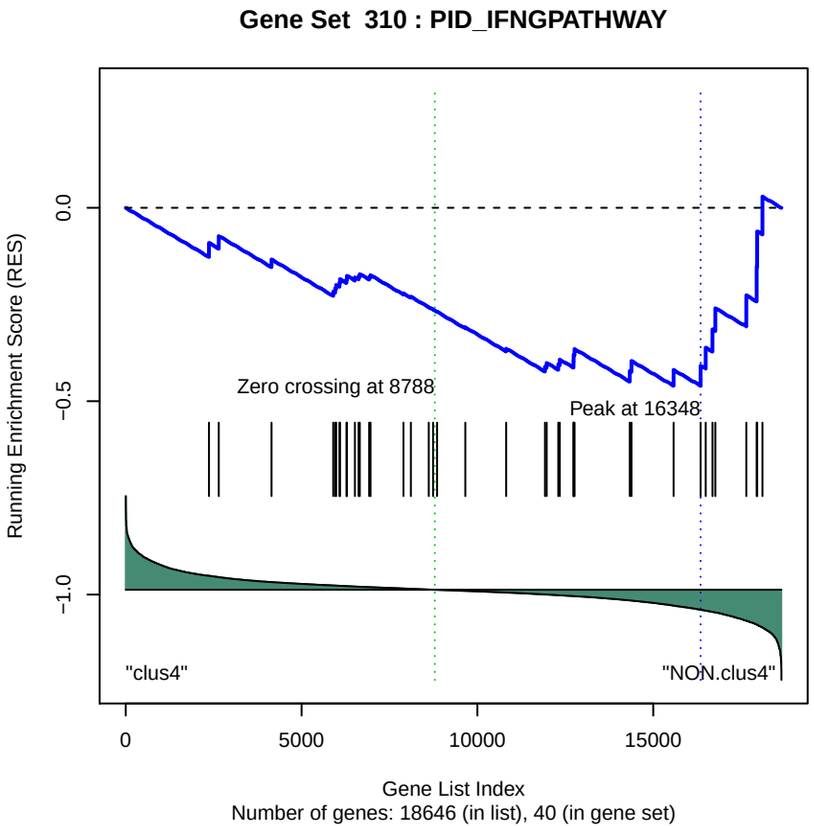
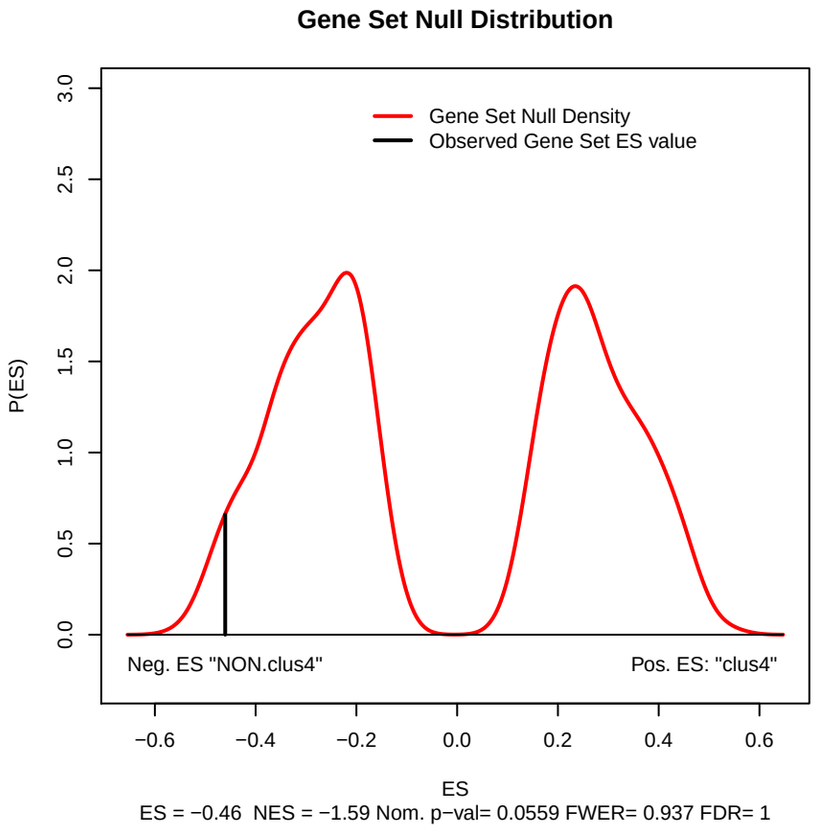
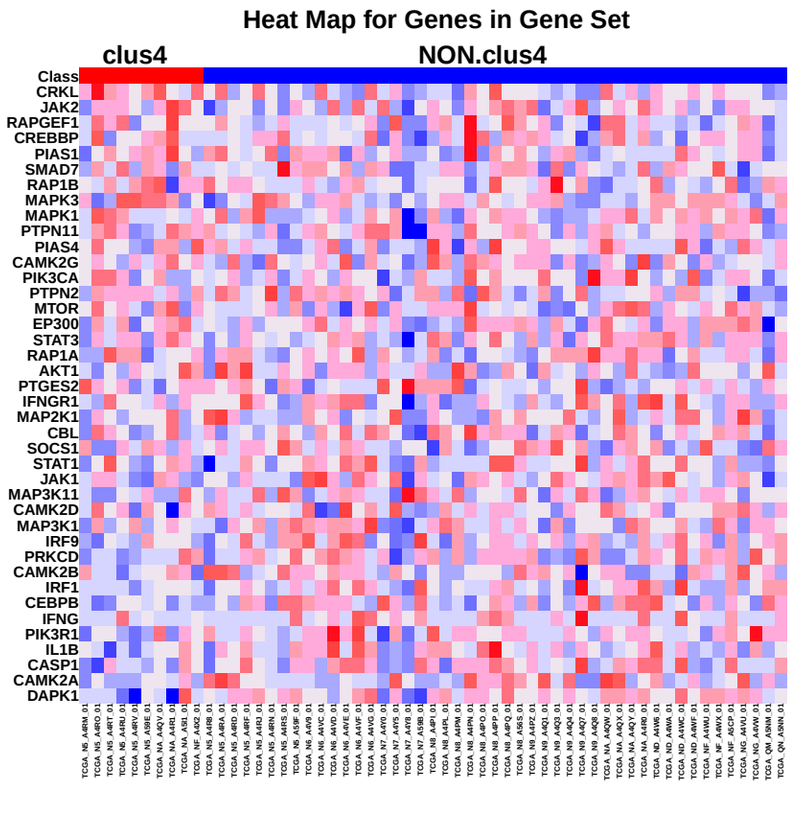

Gene Set 310 : PID_IFNGPATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 8788
Peak at 16348
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 40 (in gene set)


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
3.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.46 NES = −1.59 Nom. p−val= 0.0559 FWER= 0.937 FDR= 1


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
CRKL
JAK2
RAPGEF1
CREBBP
PIAS1
SMAD7
RAP1B
MAPK3
MAPK1
PTPN11
PIAS4
CAMK2G
PIK3CA
PTPN2
MTOR
EP300
STAT3
RAP1A
AKT1
PTGES2
IFNGR1
MAP2K1
CBL
SOCS1
STAT1
JAK1
MAP3K11
CAMK2D
MAP3K1
IRF9
PRKCD
CAMK2B
IRF1
CEBPB
IFNG
PIK3R1
IL1B
CASP1
CAMK2A
DAPK1