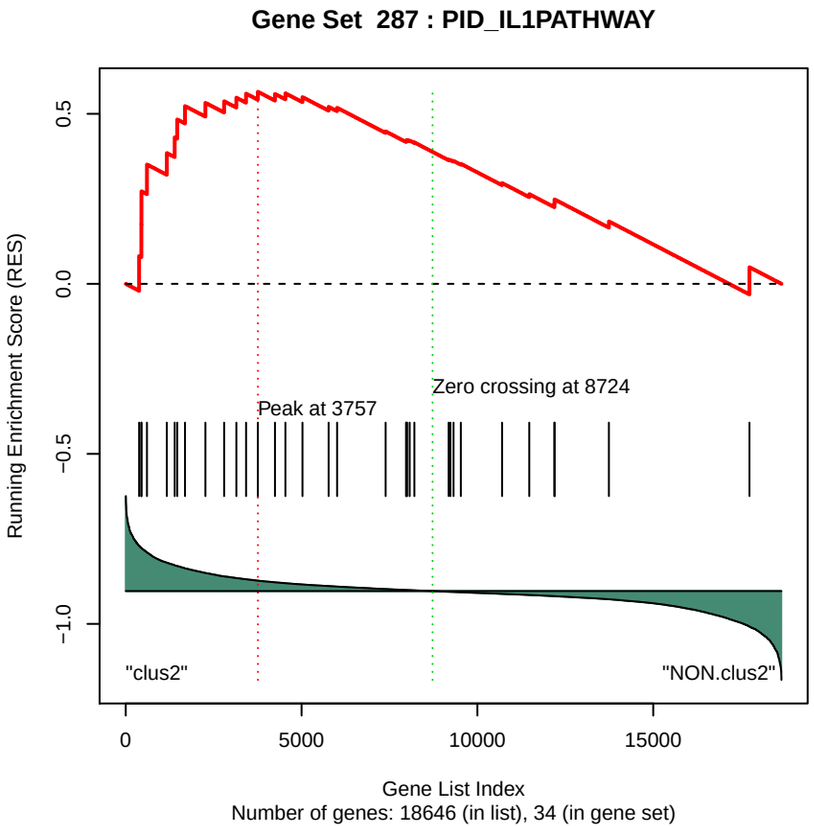
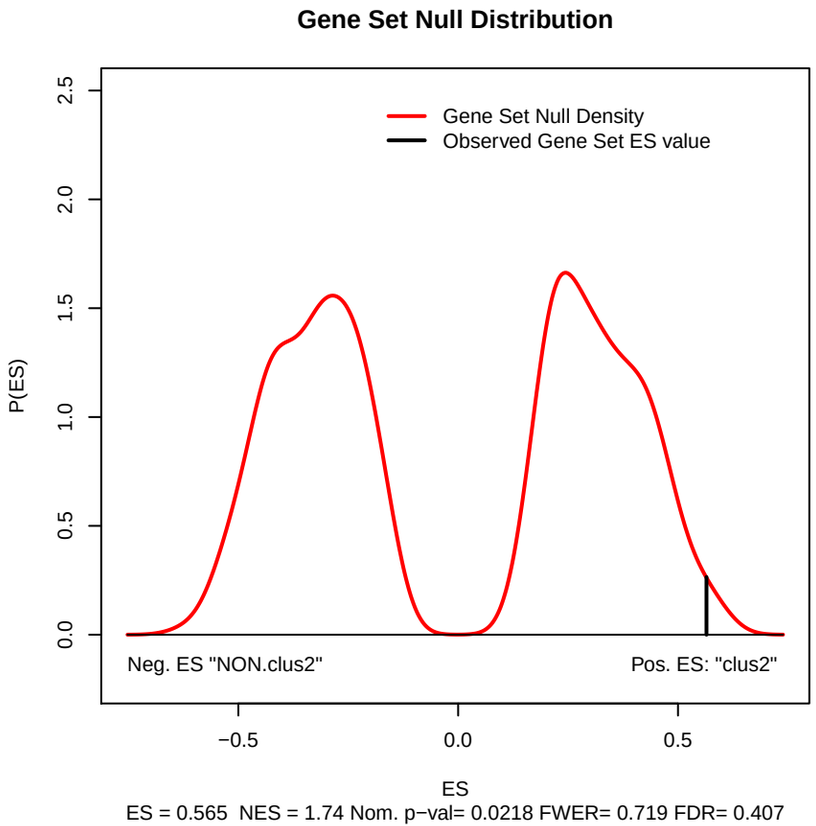
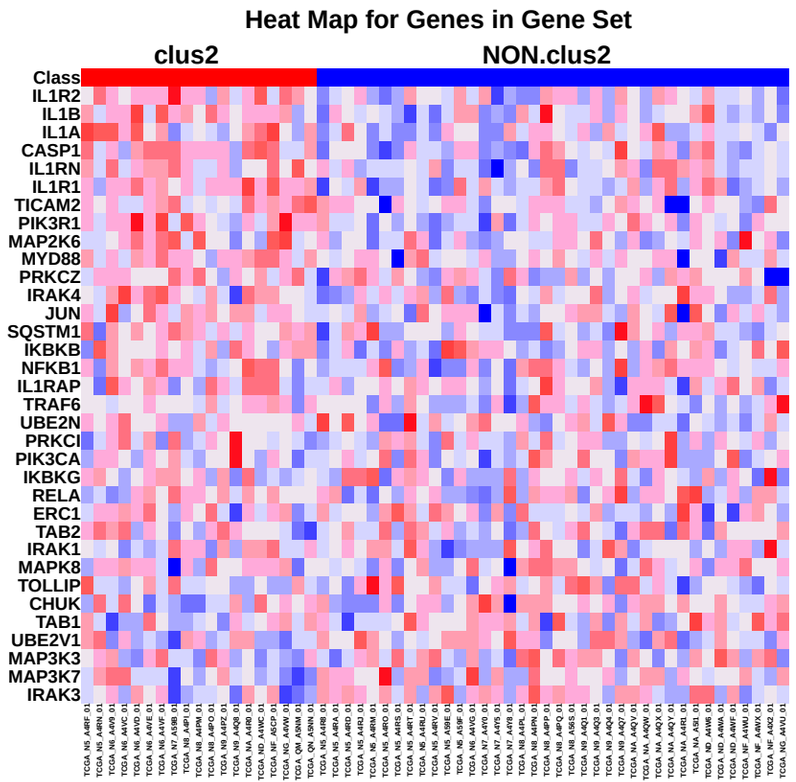

Gene Set 287 : PID_IL1PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3757
Zero crossing at 8724
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 34 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.565 NES = 1.74 Nom. p−val= 0.0218 FWER= 0.719 FDR= 0.407


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
IL1R2
IL1B
IL1A
CASP1
IL1RN
IL1R1
TICAM2
PIK3R1
MAP2K6
MYD88
PRKCZ
IRAK4
JUN
SQSTM1
IKBKB
NFKB1
IL1RAP
TRAF6
UBE2N
PRKCI
PIK3CA
IKBKG
RELA
ERC1
TAB2
IRAK1
MAPK8
TOLLIP
CHUK
TAB1
UBE2V1
MAP3K3
MAP3K7
IRAK3