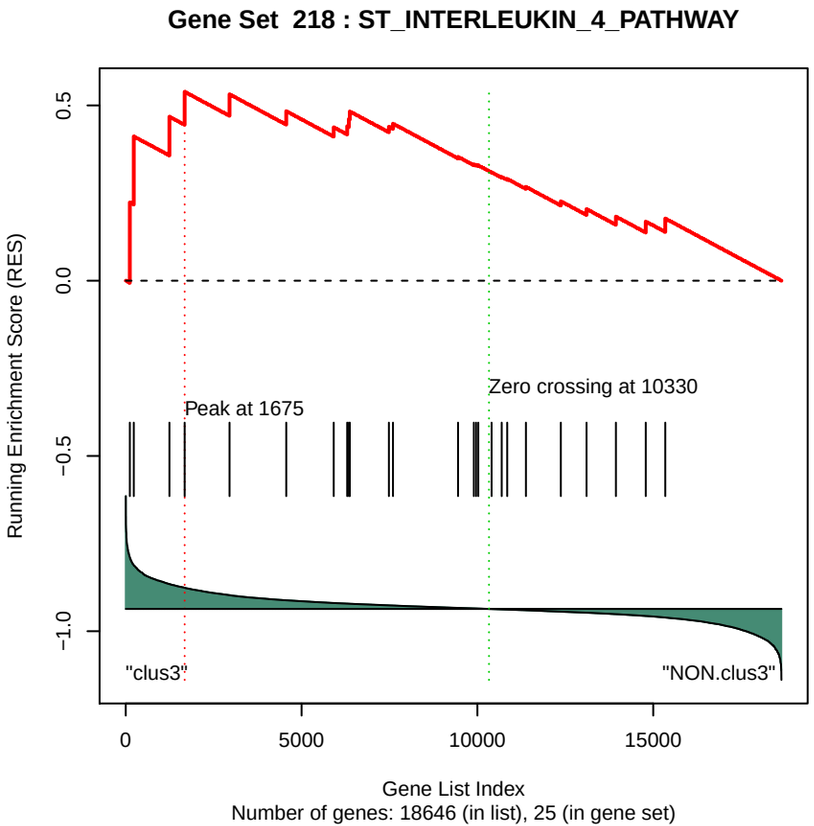
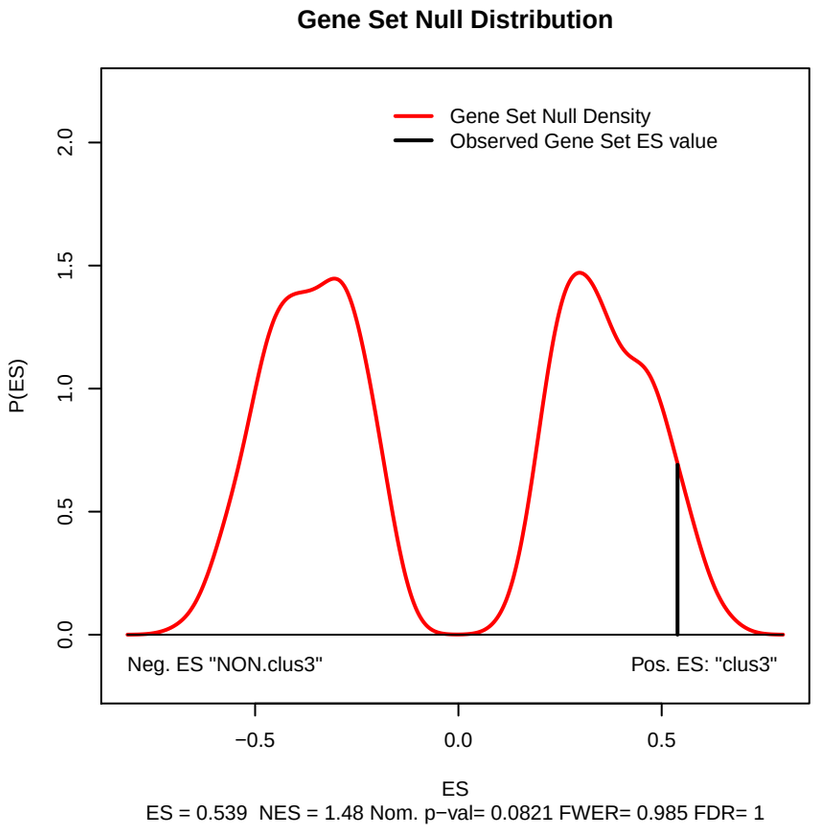
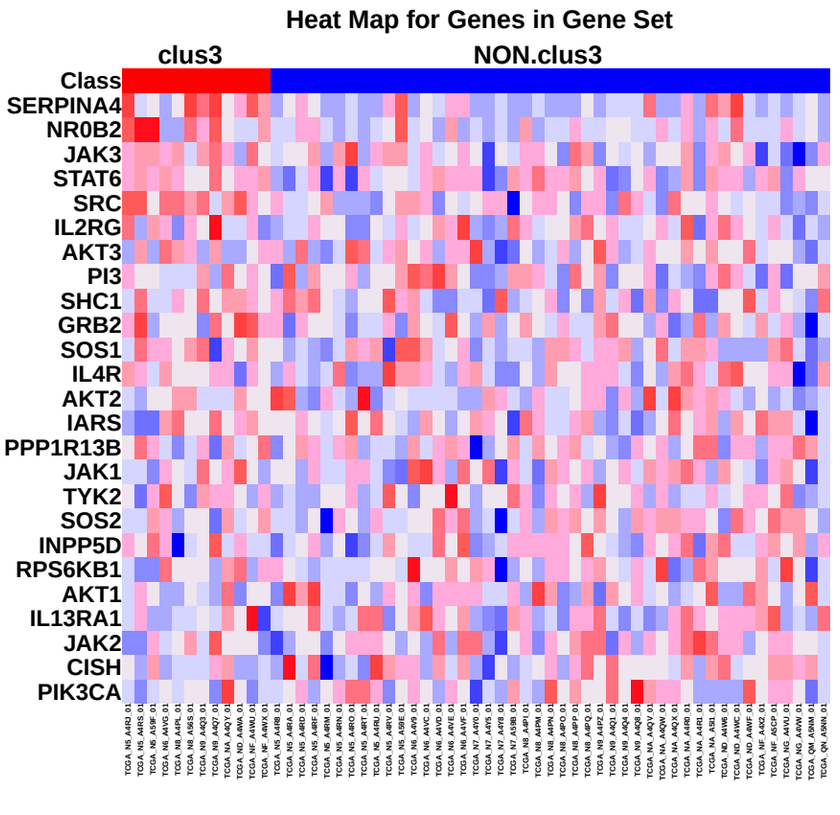

Gene Set 218 : ST_INTERLEUKIN_4_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1675
Zero crossing at 10330
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 25 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.539 NES = 1.48 Nom. p−val= 0.0821 FWER= 0.985 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
SERPINA4
NR0B2
JAK3
STAT6
SRC
IL2RG
AKT3
PI3
SHC1
GRB2
SOS1
IL4R
AKT2
IARS
PPP1R13B
JAK1
TYK2
SOS2
INPP5D
RPS6KB1
AKT1
IL13RA1
JAK2
CISH
PIK3CA