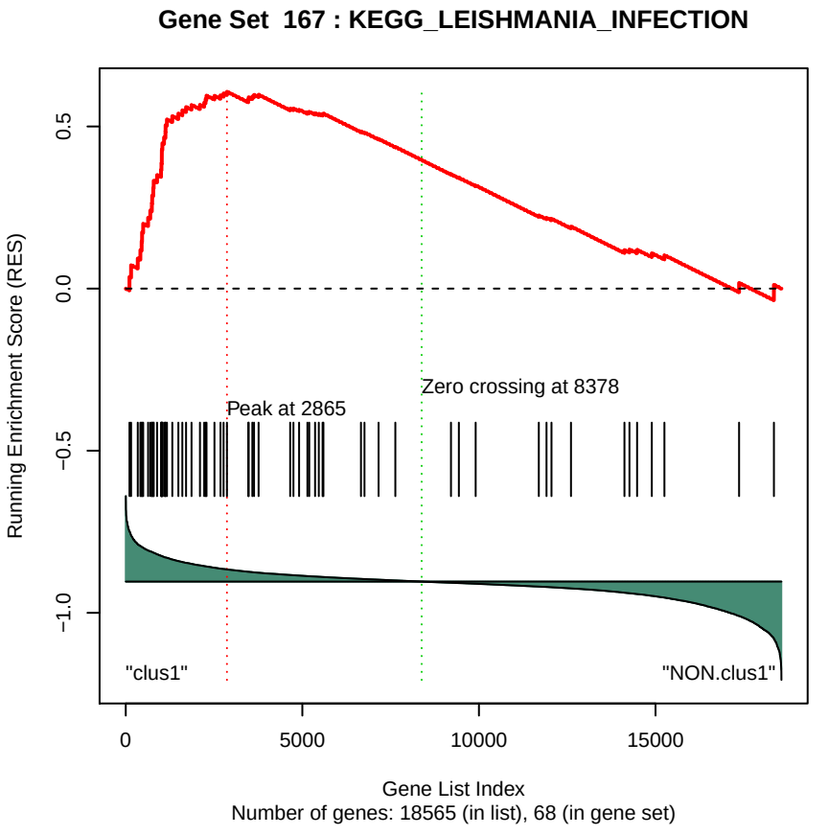
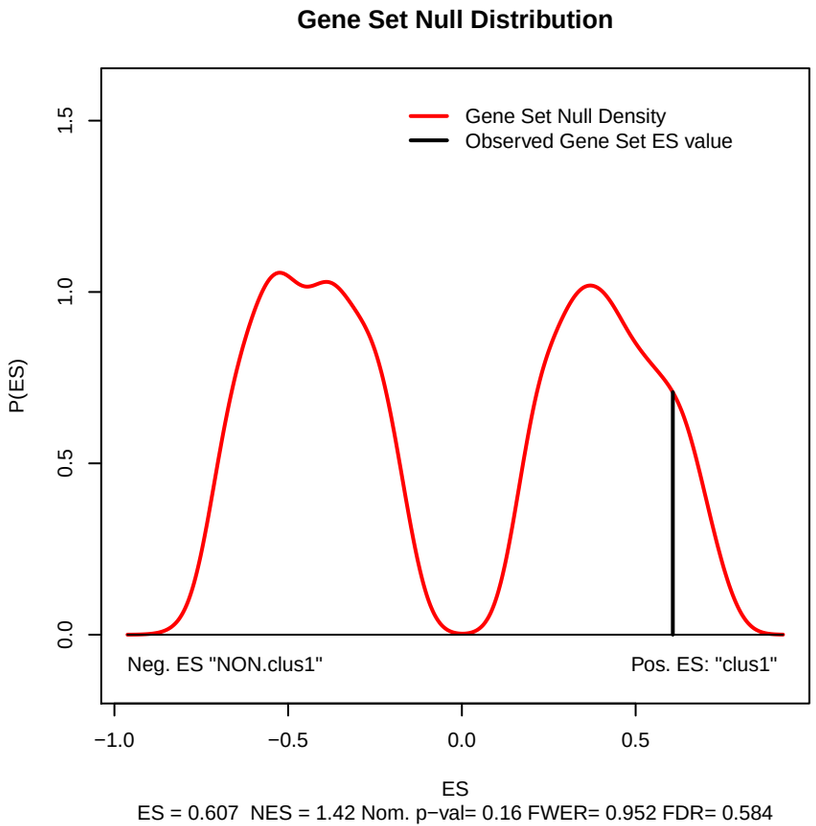
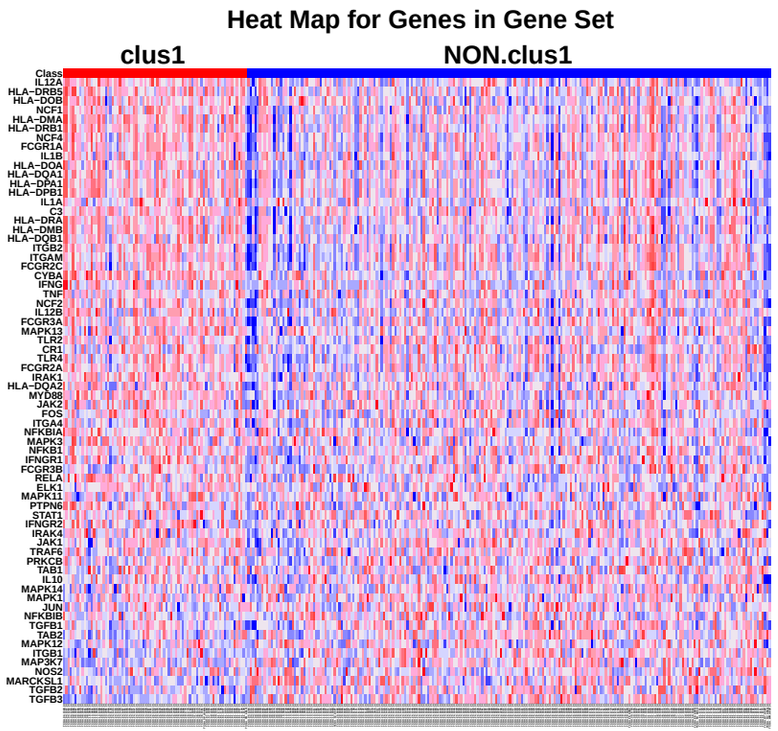

Gene Set 167 : KEGG_LEISHMANIA_INFECTION
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2865
Zero crossing at 8378
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18565 (in list), 68 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−1.0
−0.5
0.0
0.5
ES
ES = 0.607 NES = 1.42 Nom. p−val= 0.16 FWER= 0.952 FDR= 0.584


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
IL12A
HLA−DRB5
HLA−DOB
NCF1
HLA−DMA
HLA−DRB1
NCF4
FCGR1A
IL1B
HLA−DOA
HLA−DQA1
HLA−DPA1
HLA−DPB1
IL1A
C3
HLA−DRA
HLA−DMB
HLA−DQB1
ITGB2
ITGAM
FCGR2C
CYBA
IFNG
TNF
NCF2
IL12B
FCGR3A
MAPK13
TLR2
CR1
TLR4
FCGR2A
IRAK1
HLA−DQA2
MYD88
JAK2
FOS
ITGA4
NFKBIA
MAPK3
NFKB1
IFNGR1
FCGR3B
RELA
ELK1
MAPK11
PTPN6
STAT1
IFNGR2
IRAK4
JAK1
TRAF6
PRKCB
TAB1
IL10
MAPK14
MAPK1
JUN
NFKBIB
TGFB1
TAB2
MAPK12
ITGB1
MAP3K7
NOS2
MARCKSL1
TGFB2
TGFB3