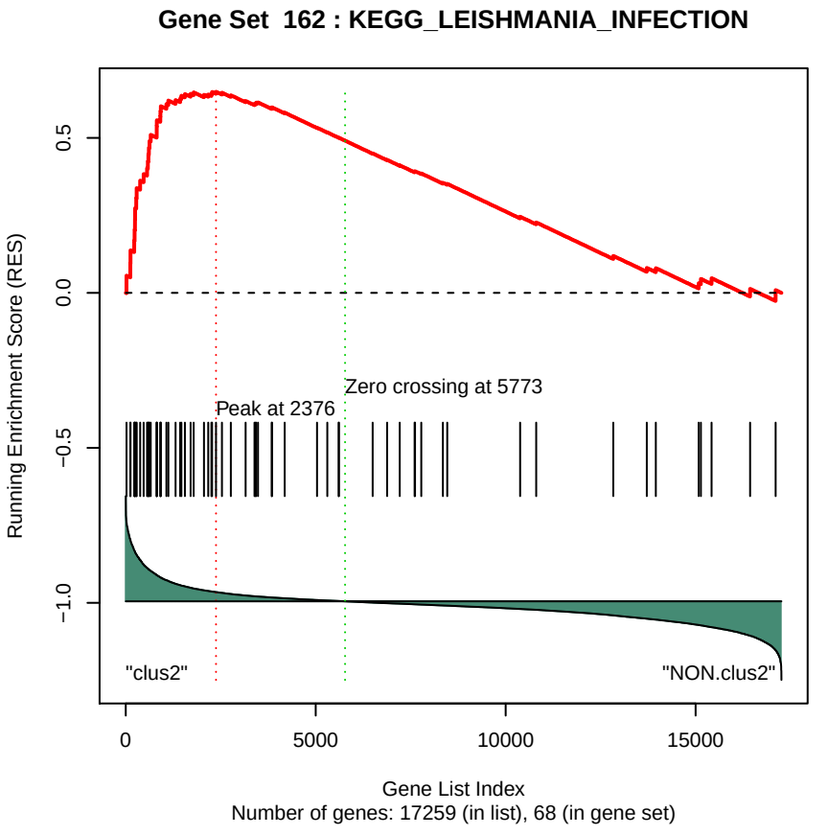
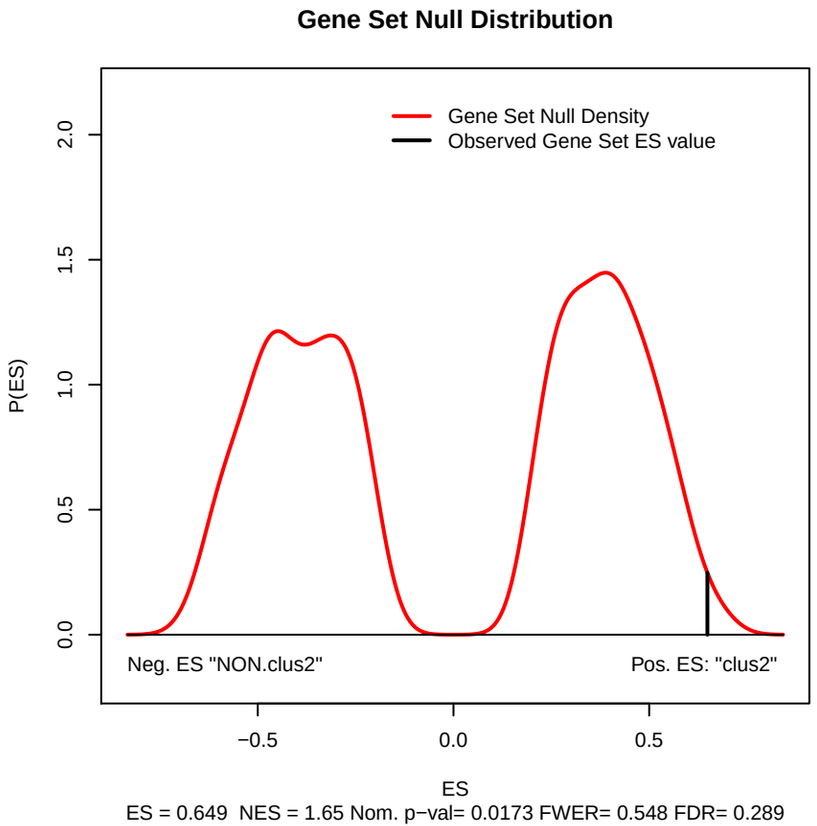
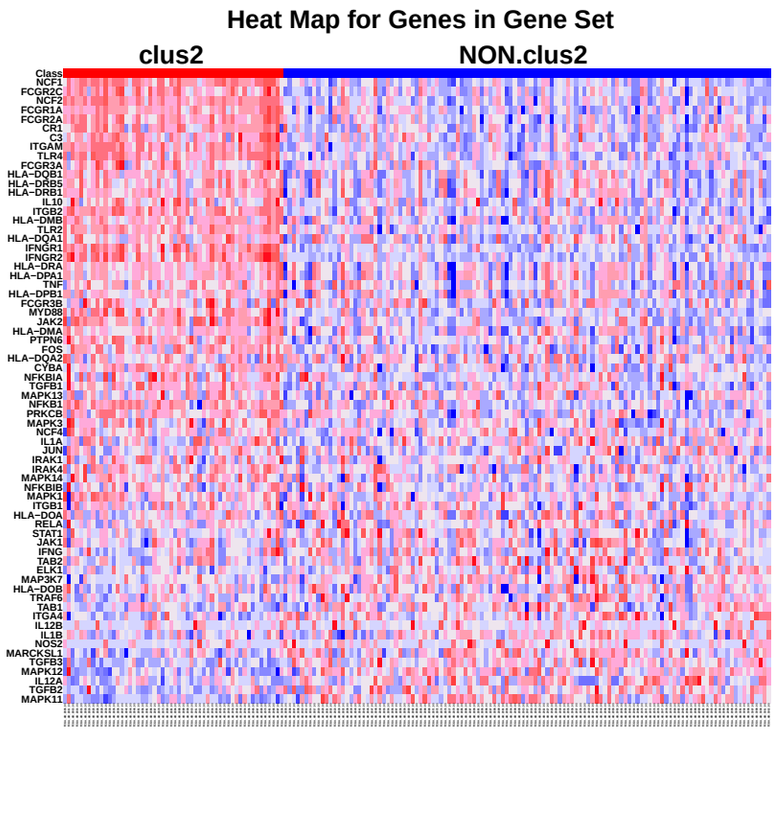

Gene Set 162 : KEGG_LEISHMANIA_INFECTION
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2376
Zero crossing at 5773
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17259 (in list), 68 (in gene set)


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.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.649 NES = 1.65 Nom. p−val= 0.0173 FWER= 0.548 FDR= 0.289


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
NCF1
FCGR2C
NCF2
FCGR1A
FCGR2A
CR1
C3
ITGAM
TLR4
FCGR3A
HLA−DQB1
HLA−DRB5
HLA−DRB1
IL10
ITGB2
HLA−DMB
TLR2
HLA−DQA1
IFNGR1
IFNGR2
HLA−DRA
HLA−DPA1
TNF
HLA−DPB1
FCGR3B
MYD88
JAK2
HLA−DMA
PTPN6
FOS
HLA−DQA2
CYBA
NFKBIA
TGFB1
MAPK13
NFKB1
PRKCB
MAPK3
NCF4
IL1A
JUN
IRAK1
IRAK4
MAPK14
NFKBIB
MAPK1
ITGB1
HLA−DOA
RELA
STAT1
JAK1
IFNG
TAB2
ELK1
MAP3K7
HLA−DOB
TRAF6
TAB1
ITGA4
IL12B
IL1B
NOS2
MARCKSL1
TGFB3
MAPK12
IL12A
TGFB2
MAPK11