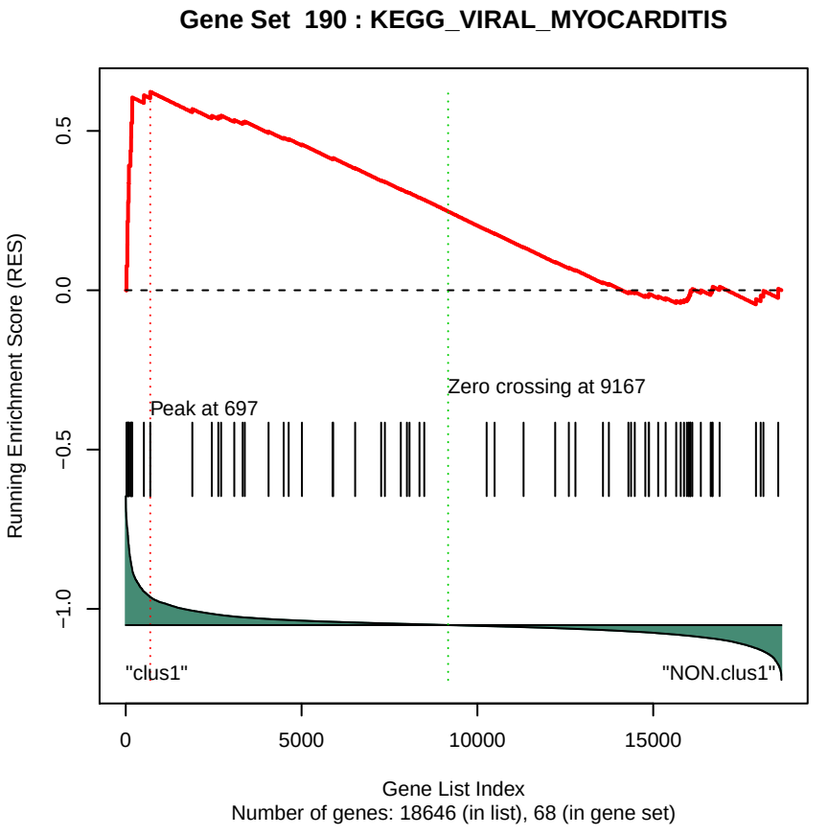
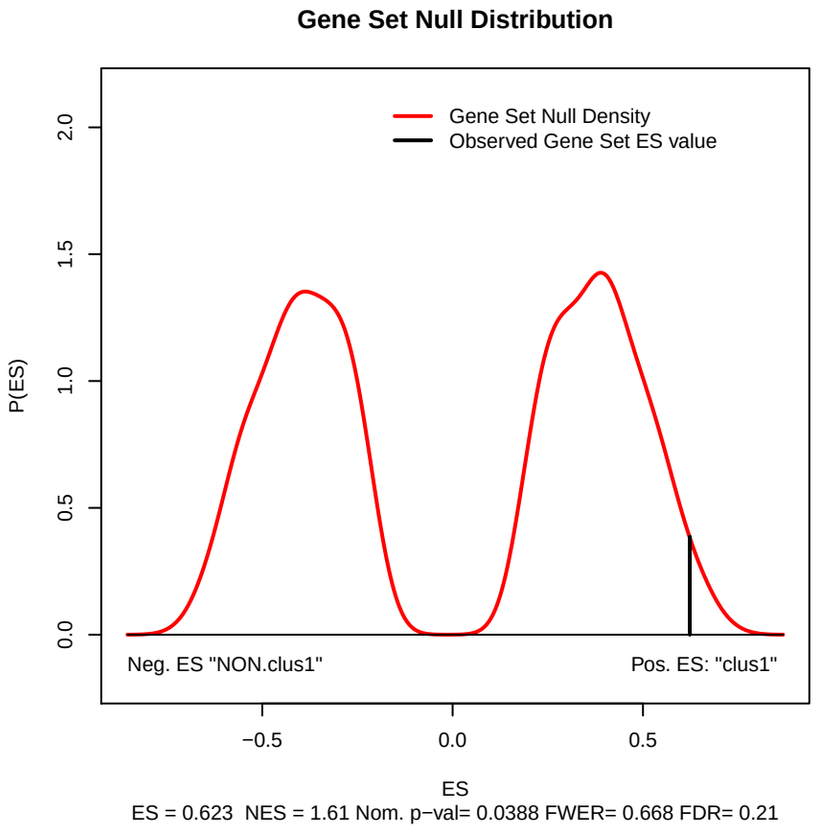
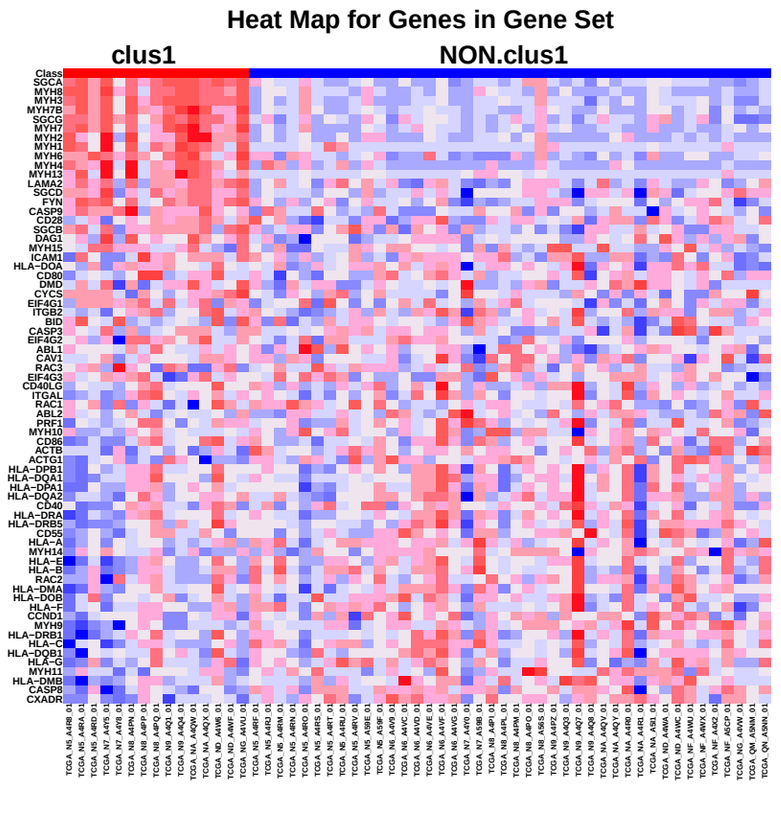

Gene Set 190 : KEGG_VIRAL_MYOCARDITIS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 697
Zero crossing at 9167
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 68 (in gene set)


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.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.623 NES = 1.61 Nom. p−val= 0.0388 FWER= 0.668 FDR= 0.21


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
SGCA
MYH8
MYH3
MYH7B
SGCG
MYH7
MYH2
MYH1
MYH6
MYH4
MYH13
LAMA2
SGCD
FYN
CASP9
CD28
SGCB
DAG1
MYH15
ICAM1
HLA−DOA
CD80
DMD
CYCS
EIF4G1
ITGB2
BID
CASP3
EIF4G2
ABL1
CAV1
RAC3
EIF4G2
CD40LG
ITGAL
RAC1
ABL2
PRF1
MYH10
CD86
ACTB
ACTG1
HLA−DPB1
HLA−DQA1
HLA−DPA1
HLA−DQA2
CD40
HLA−DRA
HLA−DRB5
CD55
HLA−A
MYH14
HLA−E
HLA−B
RAC2
HLA−DMA
HLA−DOB
HLA−F
CCND1
MYH9
HLA−DRB1
HLA−C
HLA−DQB1
HLA−G
MYH11
HLA−DMB
CASP8
CXADR