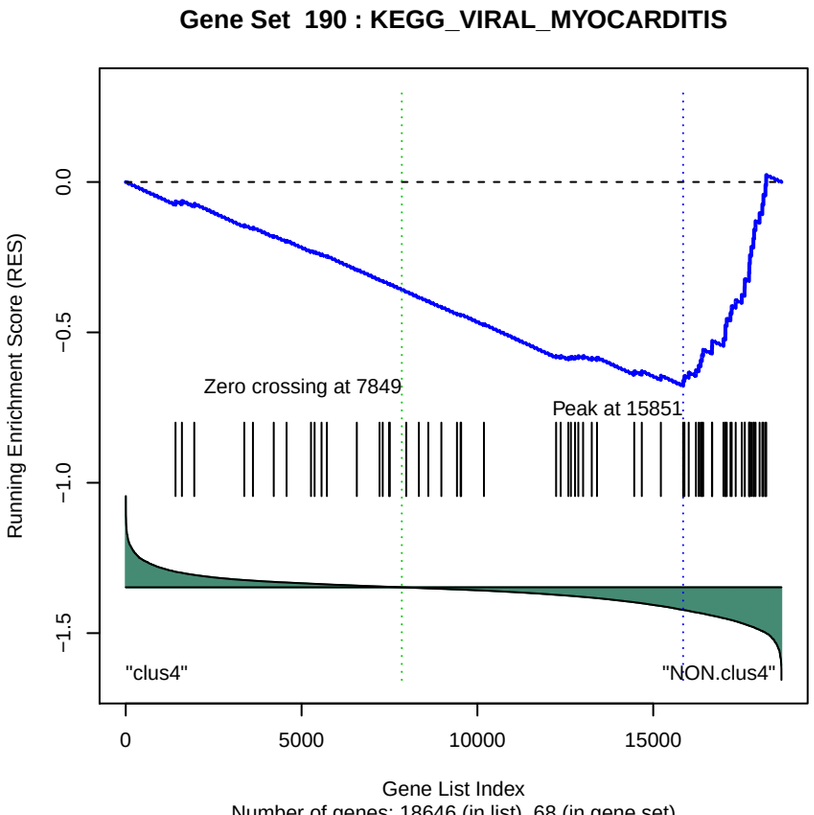
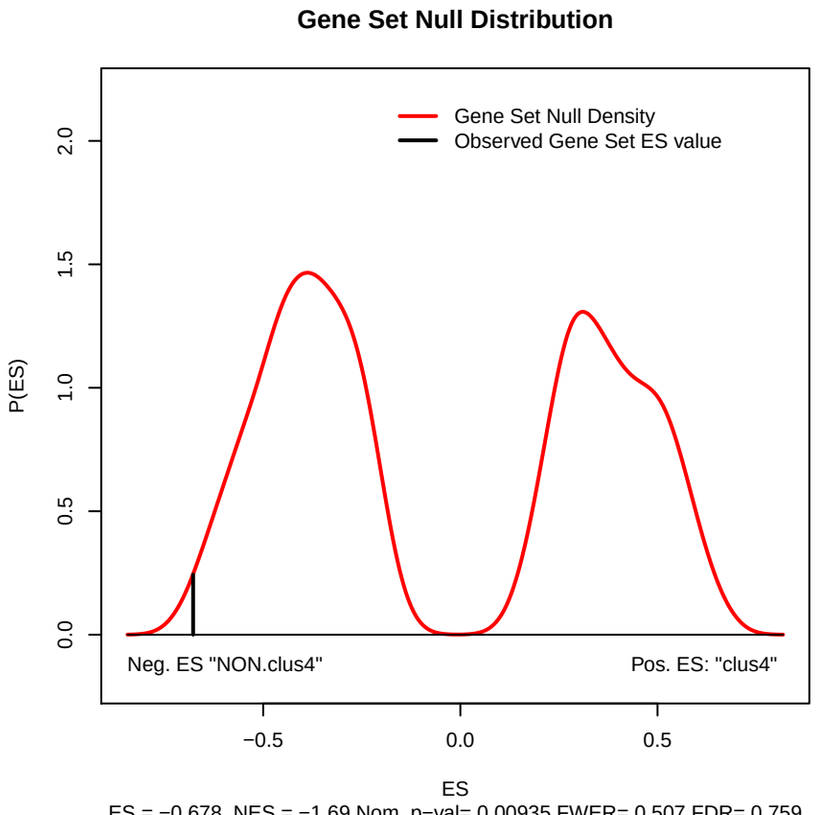
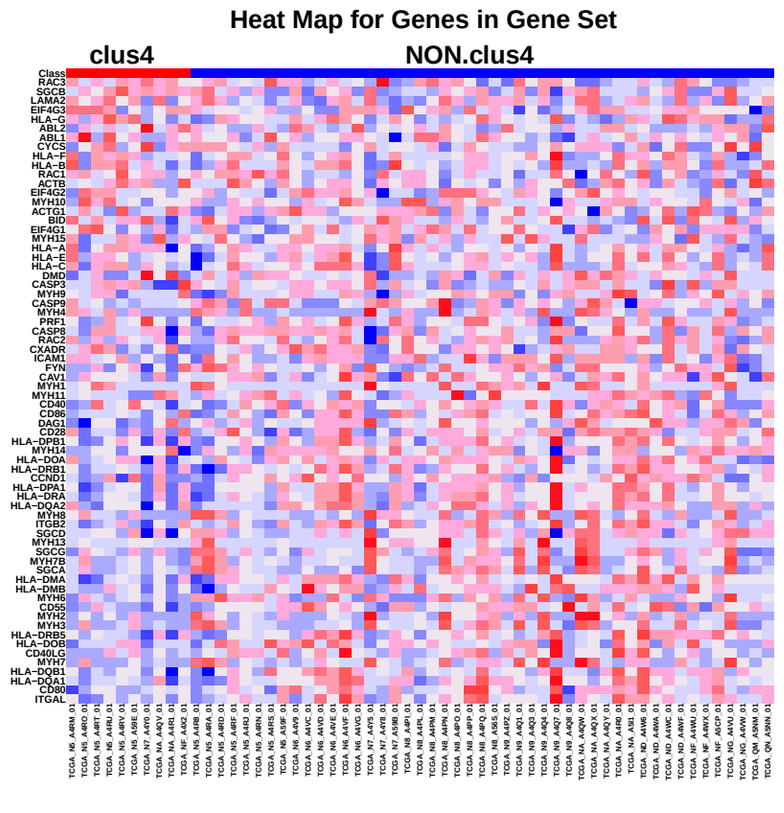

Gene Set 190 : KEGG_VIRAL_MYOCARDITIS
Running Enrichment Score (RES)
0.0
−0.5
−1.0
−1.5
Zero crossing at 7849
Peak at 15851
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 68 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.5
0.0
0.5
ES
ES = −0.678 NES = −1.69 Nom. p−val= 0.00935 FWER= 0.507 FDR= 0.759


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
RAC2
SGCB
LAMA2
EIF4G3
HLA−G
ABL2
ABL1
CYCS
HLA−F
HLA−B
RAC1
ACTB
EIF4G2
MYH10
ACTG1
BID
EIF4G1
MYH15
HLA−A
HLA−E
HLA−C
DMD
CASP3
MYH9
CASP9
MYH4
PRF1
CASP8
RAC2
CXADR
ICAM1
FYN
CAV1
MYH1
MYH11
CD40
CD86
DAG1
CD28
HLA−DPB1
MYH14
HLA−DOA
HLA−DRB1
CCND1
HLA−DPA1
HLA−DRA
HLA−DQA2
MYH8
ITGB2
SGCD
MYH13
SGCG
MYH7B
SGCA
HLA−DMA
HLA−DMB
MYH6
CD55
MYH2
MYH3
HLA−DRB5
HLA−DOB
CD40LG
MYH7
HLA−DQB1
HLA−DQA1
CD80
ITGAL