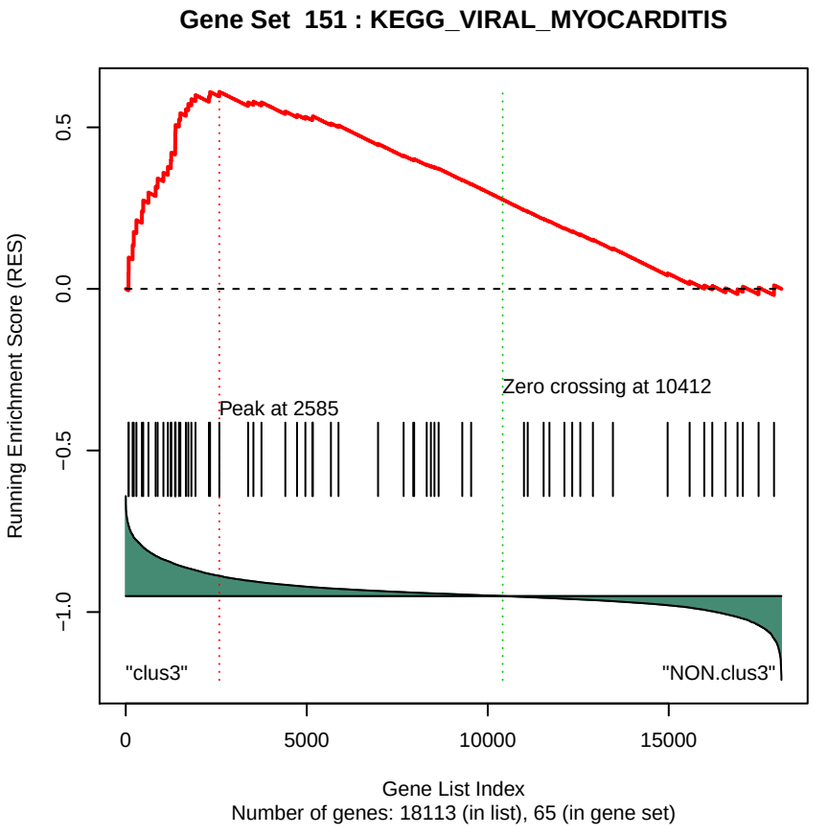
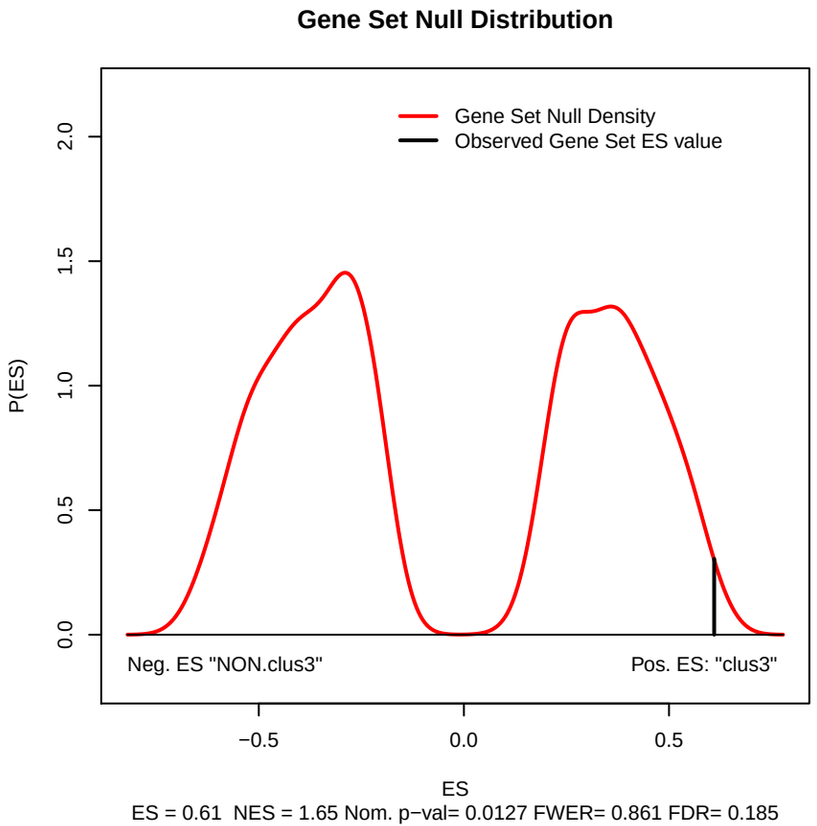
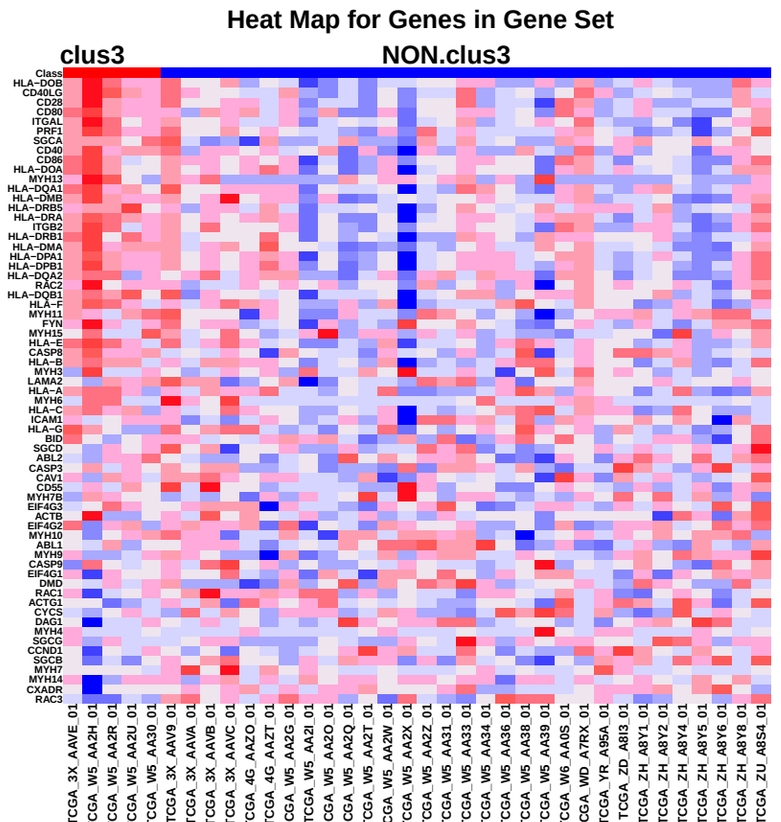

Gene Set 151 : KEGG_VIRAL_MYOCARDITIS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2585
Zero crossing at 10412
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 65 (in gene set)


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 = 0.61 NES = 1.65 Nom. p−val= 0.0127 FWER= 0.861 FDR= 0.185


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
HLA−DOB
CD40LG
CD28
CD80
ITGAL
PRF1
SGCA
CD40
CD86
HLA−DOA
MYH13
HLA−DQA1
HLA−DMB
HLA−DRB5
HLA−DRA
ITGB2
HLA−DRB1
HLA−DMA
HLA−DPA1
HLA−DPB1
HLA−DQA2
RAC2
HLA−DQB1
HLA−F
MYH11
FYN
MYH15
HLA−E
CASP8
HLA−B
MYH3
LAMA2
HLA−A
MYH6
HLA−C
ICAM1
HLA−G
BID
SGCD
ABL2
CASP3
CAV1
CD55
MYH7B
EIF4G3
ACTB
EIF4G2
MYH10
ABL1
MYH9
CASP9
EIF4G1
DMD
RAC1
ACTG1
CYCS
DAG1
MYH4
SGCG
CCND1
SGCB
MYH7
MYH14
CXADR
RAC3
TCGA_3X_AAVE_01
TCGA_W5_AA2H_01
TCGA_W5_AA2R_01
TCGA_W5_AA2U_01
TCGA_W5_AA30_01
TCGA_3X_AAV9_01
TCGA_3X_AAVA_01
TCGA_3X_AAVB_01
TCGA_3X_AAVC_01
TCGA_4G_AA2O_01
TCGA_4G_AA2T_01
TCGA_W5_AA2G_01
TCGA_W5_AA2I_01
TCGA_W5_AA2O_01
TCGA_W5_AA2Q_01
TCGA_W5_AA2T_01
TCGA_W5_AA2W_01
TCGA_W5_AA2X_01
TCGA_W5_AA2Z_01
TCGA_W5_AA31_01
TCGA_W5_AA33_01
TCGA_W5_AA34_01
TCGA_W5_AA36_01
TCGA_W5_AA38_01
TCGA_W5_AA39_01
TCGA_W6_AA0S_01
TCGA_WD_A7RX_01
TCGA_YR_A95A_01
TCGA_ZD_A8I3_01
TCGA_ZH_A8Y1_01
TCGA_ZH_A8Y2_01
TCGA_ZH_A8Y4_01
TCGA_ZH_A8Y5_01
TCGA_ZH_A8Y6_01
TCGA_ZH_A8Y8_01
TCGA_ZU_A8S4_01