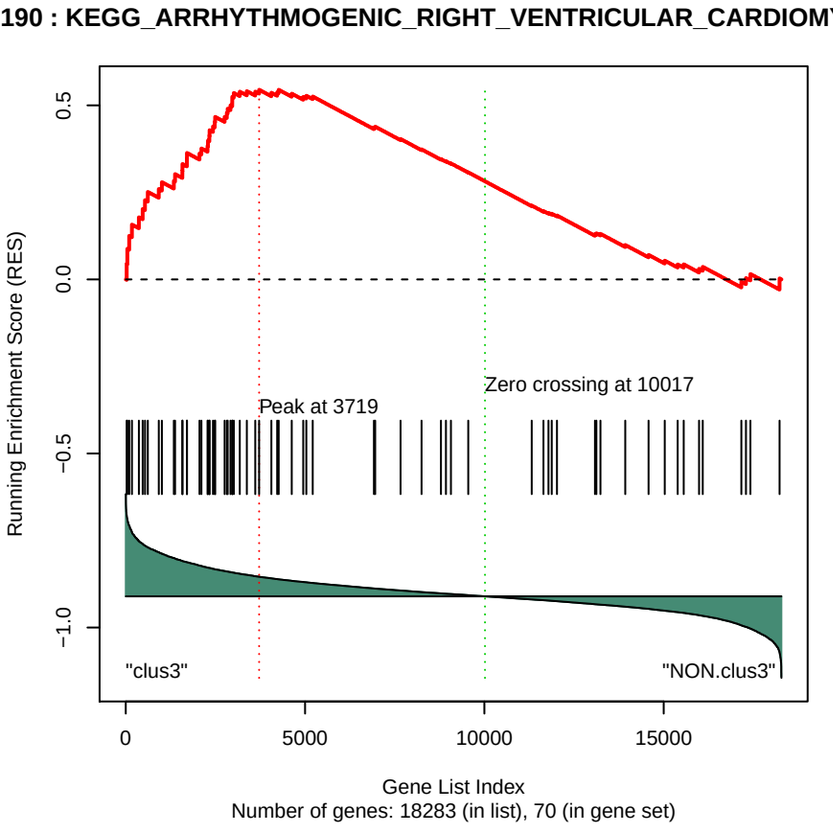
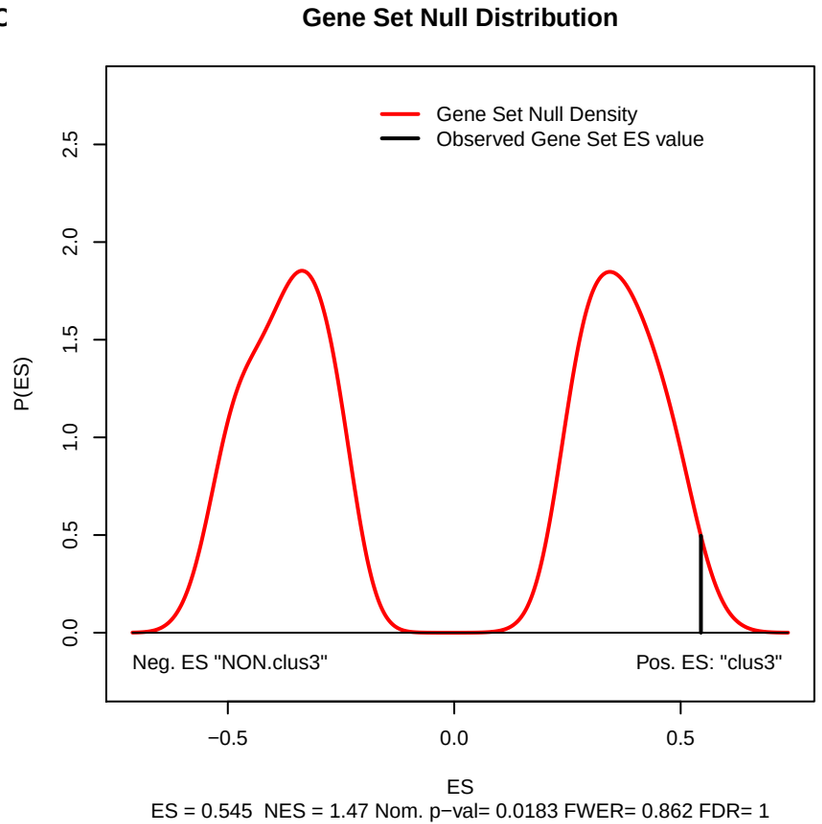
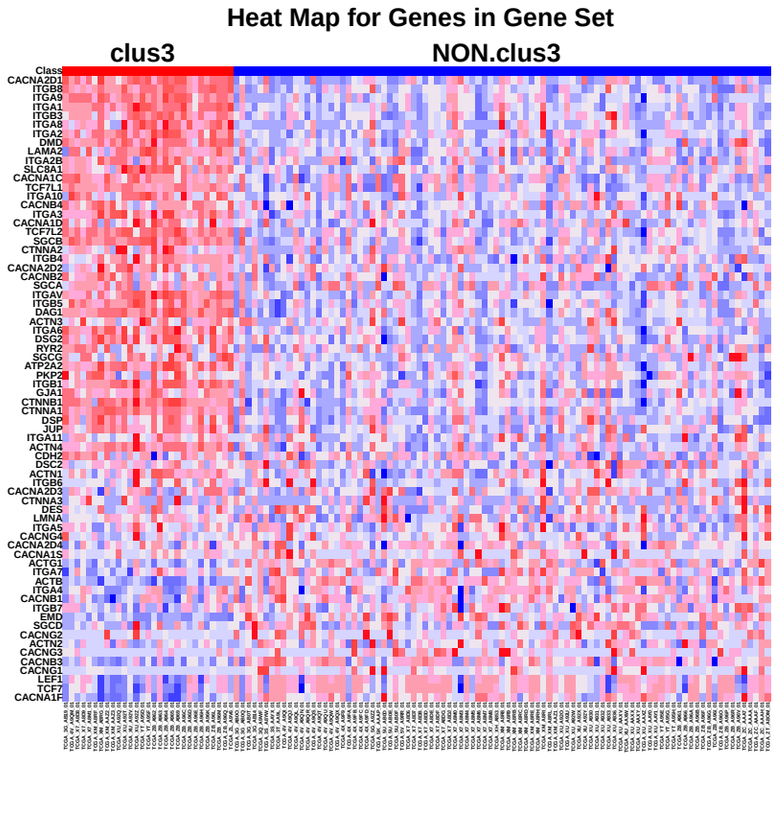

190 : KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYC
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3719
Zero crossing at 10017
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18283 (in list), 70 (in gene set)


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
2.5
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.545 NES = 1.47 Nom. p−val= 0.0183 FWER= 0.862 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
CACNA2D1
ITGB8
ITGA9
ITGA1
ITGB3
ITGA8
ITGA2
DMD
LAMA2
ITGA2B
SLC8A1
CACNA1C
TCF7L1
ITGA10
CACNB4
ITGA3
CACNA1D
TCF7L2
SGCB
CTNNA2
ITGB4
CACNA2D2
CACNB2
SGCA
ITGAV
ITGB5
DAG1
ACTN3
ITGA6
DSG2
RYR2
SGCG
ATP2A2
PKP2
ITGB1
GJA1
CTNNB1
CTNNA1
DSP
JUP
ITGA11
ACTN4
CDH2
DSC2
ACTN1
ITGB6
CACNA2D3
CTNNA3
DES
LMNA
ITGA5
CACNG4
CACNA2D4
CACNA1S
ACTG1
ITGA7
ACTB
ITGA4
CACNB1
ITGB7
EMD
SGCD
CACNG2
ACTN2
CACNG3
CACNB3
CACNG1
LEF1
TCF7
CACNA1F