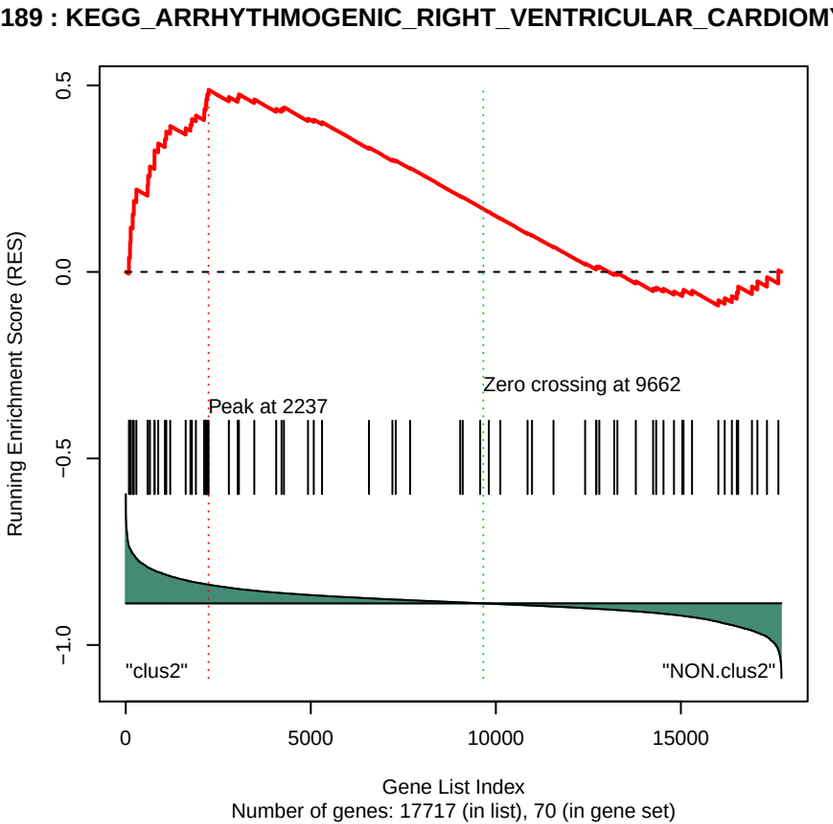
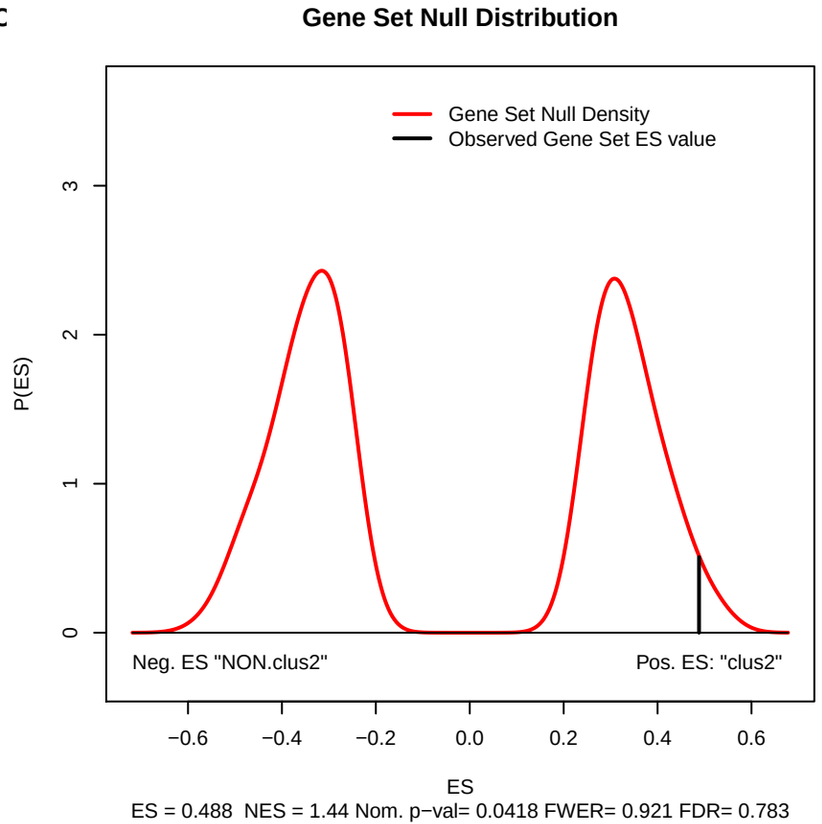
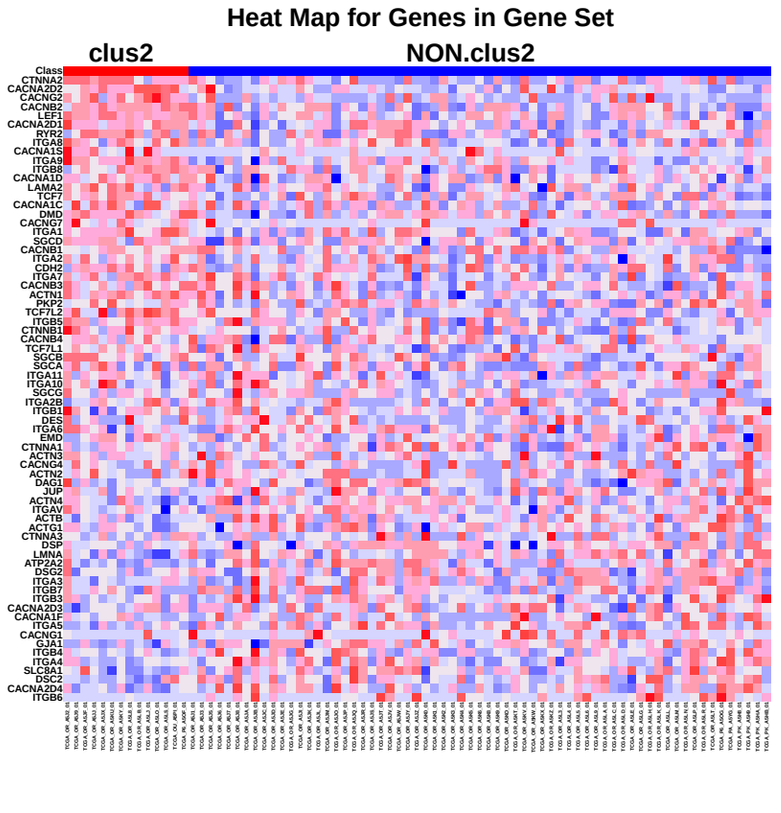

189 : KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYC
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2237
Zero crossing at 9662
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17717 (in list), 70 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.488 NES = 1.44 Nom. p−val= 0.0418 FWER= 0.921 FDR= 0.783


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
CTNNA2
CACNA2D2
CACNG2
CACNB2
LEF1
CACNA2D1
RYR2
ITGA8
CACNA1S
ITGA9
ITGB8
CACNA1D
LAMA2
TCF7
CACNA1C
DMD
CACNG7
ITGA1
SGCD
CACNB1
ITGA2
CDH2
ITGA7
CACNB3
ACTN1
PKP2
TCF7L2
ITGB5
CTNNB1
CACNB4
TCF7L1
SGCB
SGCA
ITGA11
ITGA10
SGCG
ITGA2B
ITGB1
DES
ITGA6
EMD
CTNNA1
ACTN3
CACNG4
ACTN2
DAG1
JUP
ACTN4
ITGAV
ACTB
ACTG1
CTNNA3
DSP
LMNA
ATP2A2
DSG2
ITGA3
ITGB7
ITGB3
CACNA2D3
CACNA1F
ITGA5
CACNG1
GJA1
ITGB4
ITGA4
SLC8A1
DSC2
CACNA2D4
ITGB6