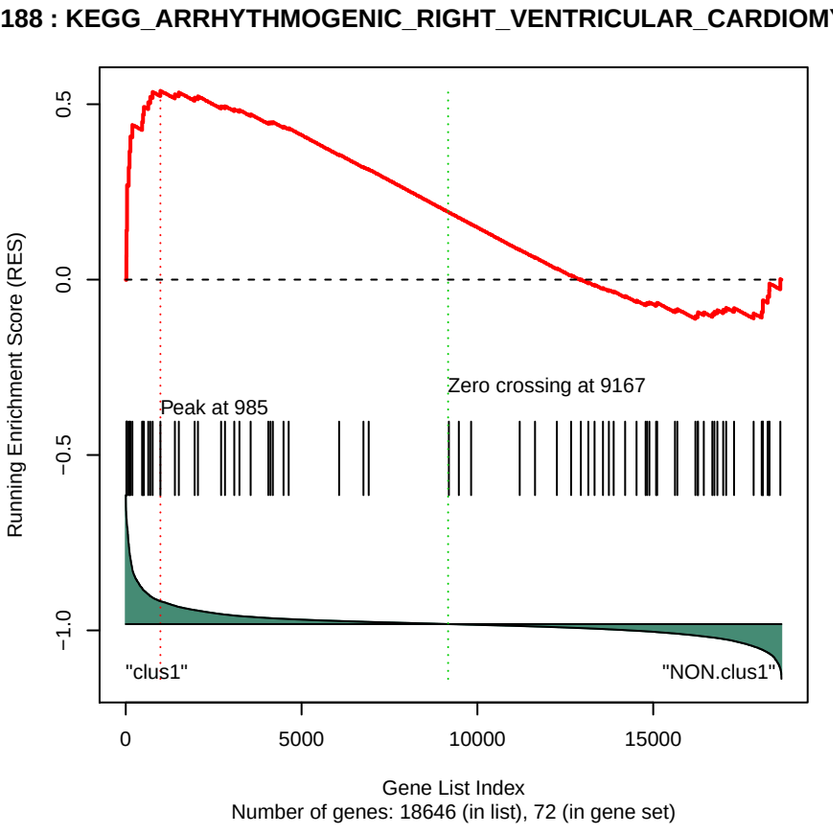
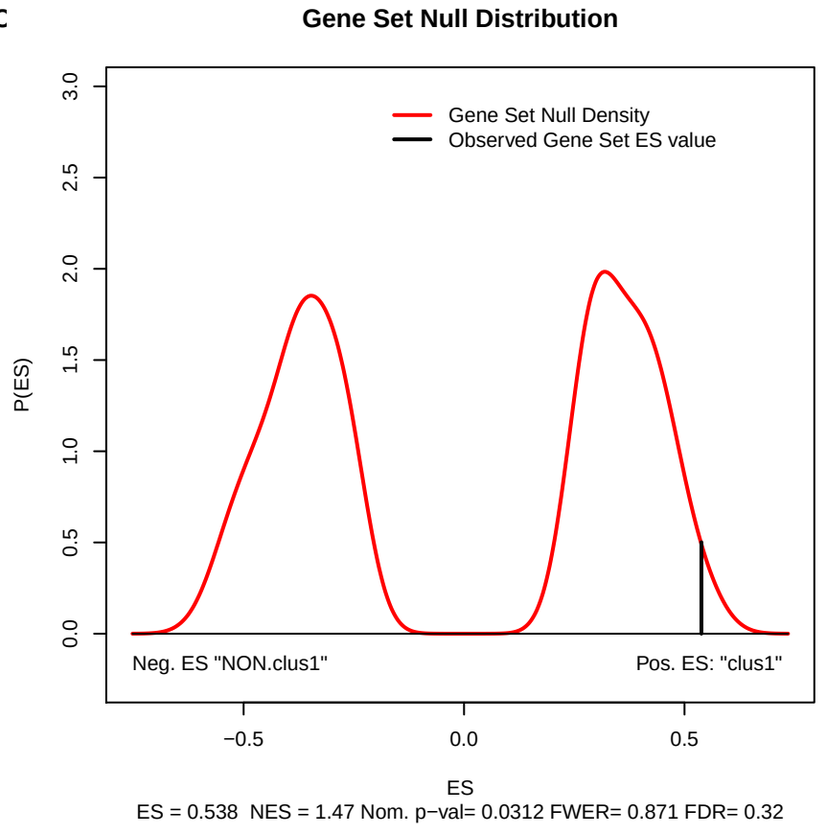
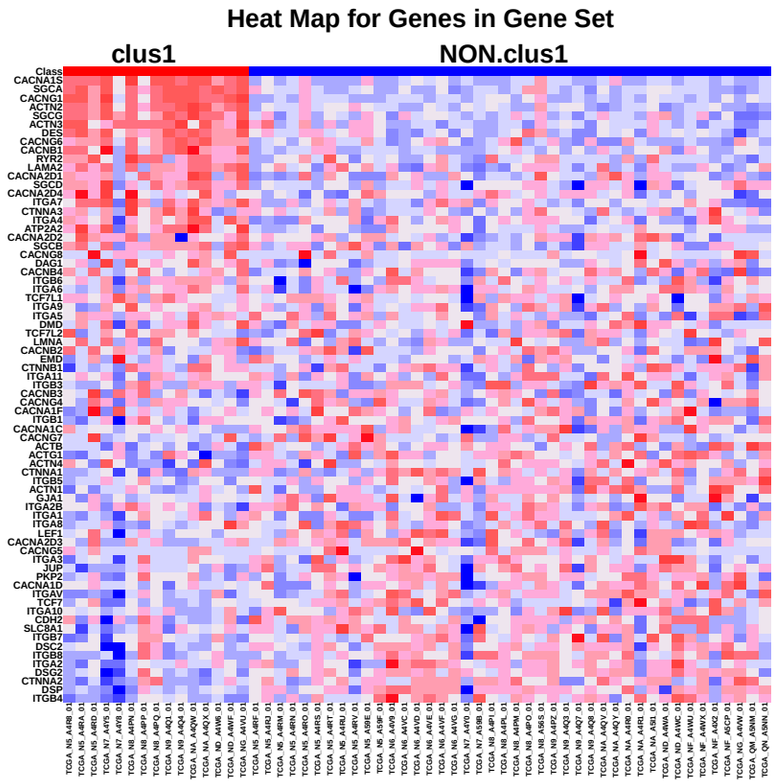

188 : KEGG_ARRHYTHMOGENIC_RIGHT_VENTRICULAR_CARDIOMYC
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 985
Zero crossing at 9167
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 72 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
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 = 0.538 NES = 1.47 Nom. p−val= 0.0312 FWER= 0.871 FDR= 0.32


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
CACNA1S
SGCA
CACNG1
ACTN2
SGCG
ACTN3
DES
CACNG6
CACNB1
RYR2
LAMA2
CACNA2D1
SGCD
CACNA2D4
ITGA7
CTNNA3
ITGA4
ATP2A2
CACNA2D2
SGCB
CACNG8
DAG1
CACNB4
ITGB6
ITGA6
TCF7L1
ITGA9
ITGA5
DMD
TCF7L2
LMNA
CACNB2
EMD
CTNNB1
ITGA11
ITGB3
CACNB3
CACNG4
CACNA1F
ITGB1
CACNA1C
CACNG7
ACTB
ACTG1
ACTN4
CTNNA1
ITGB5
ACTN1
GJA1
ITGA2B
ITGA1
ITGA8
LEF1
CACNA2D3
CACNG5
ITGA3
JUP
PKP2
CACNA1D
ITGAV
TCF7
ITGA10
CDH2
SLC8A1
ITGB7
DSC2
ITGB8
ITGA2
DSG2
CTNNA2
DSP
ITGB4