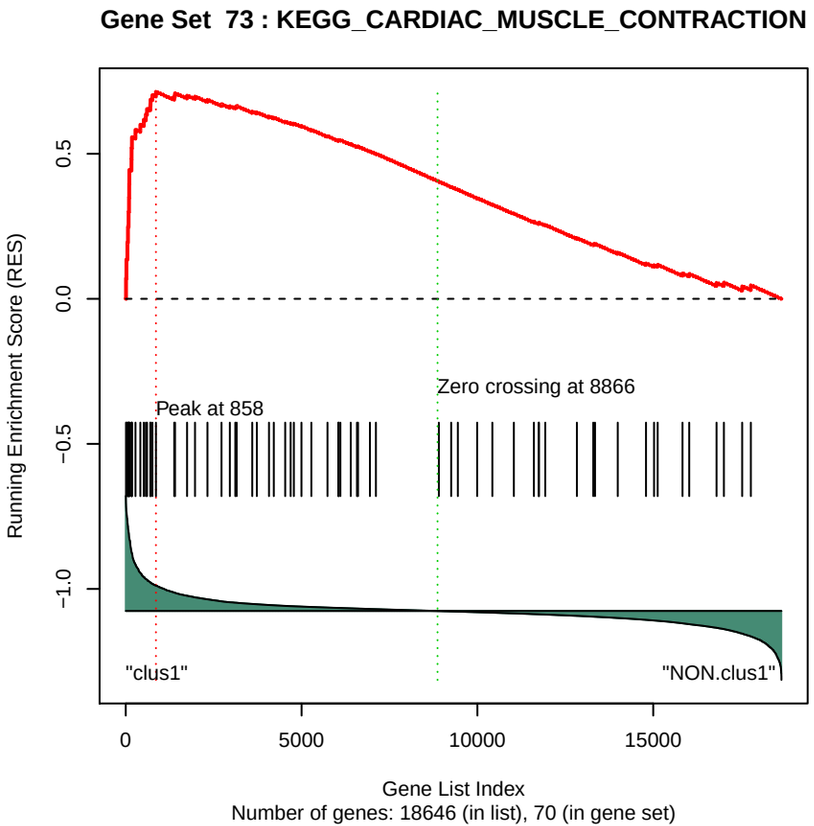
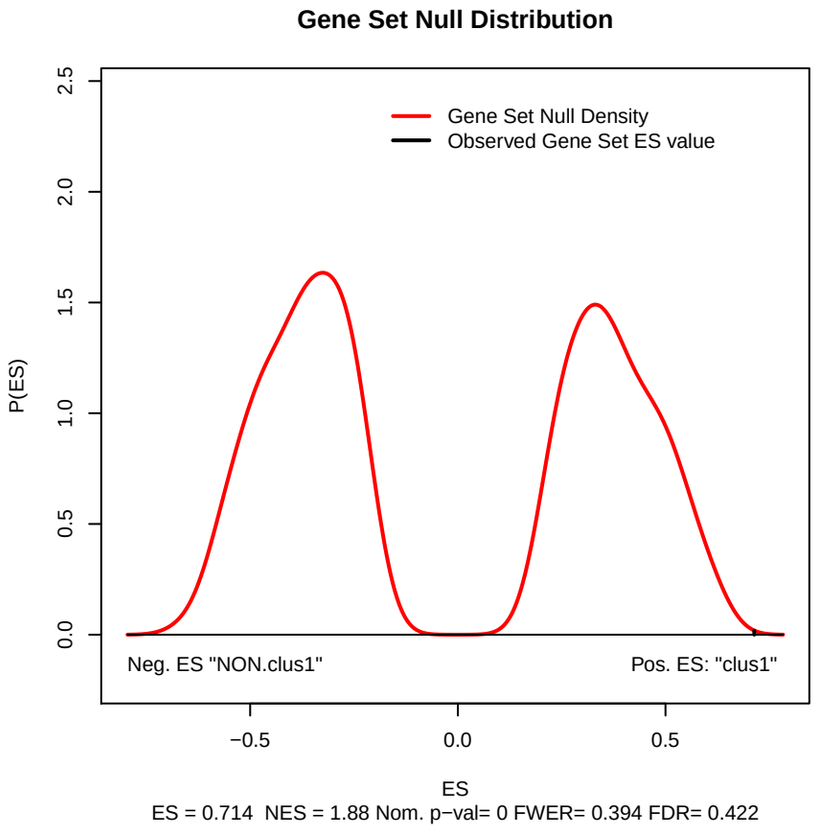
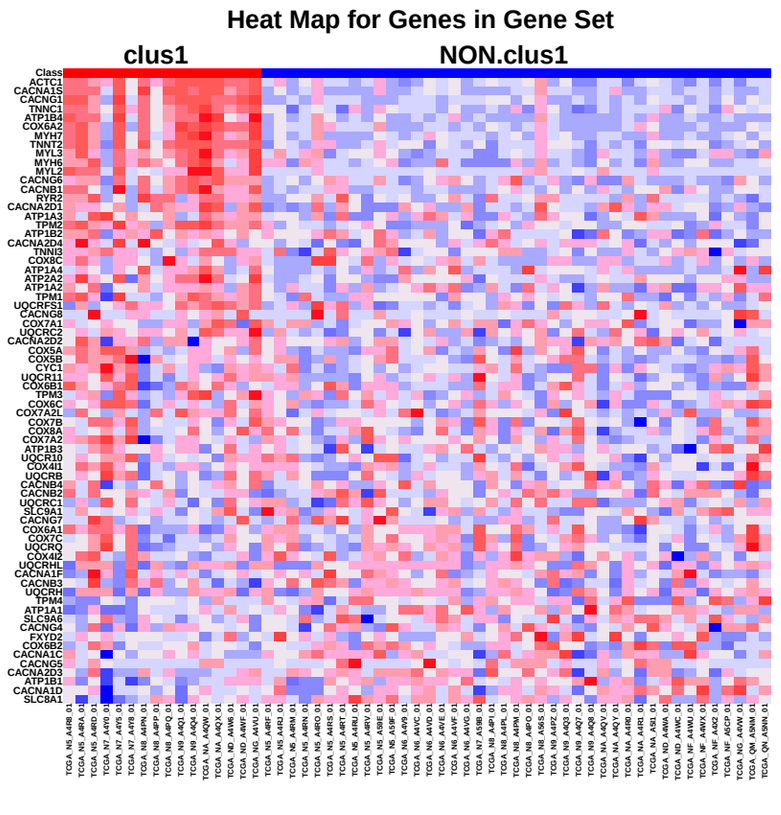

Gene Set 73 : KEGG_CARDIAC_MUSCLE_CONTRACTION
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 858
Zero crossing at 8866
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 70 (in gene set)


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.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.714 NES = 1.88 Nom. p−val= 0 FWER= 0.394 FDR= 0.422


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
ACTC1
CACNA1S
CACNG1
TNNC1
ATP1B4
COX6A2
MYH7
TNNT2
MYL3
MYH6
MYL2
CACNG6
CACNB1
RYR2
CACNA2D1
ATP1A3
TPM2
ATP1B2
CACNA2D4
TNNI3
COX8C
ATP1A4
ATP2A2
ATP1A2
TPM1
UQCRFS1
CACNG8
COX7A1
UQCRC2
CACNA2D2
COX5A
COX5B
CYC1
UQCR11
COX6B1
TPM3
COX6C
COX7A2L
COX7B
COX8A
COX7A2
ATP1B3
UQCR10
COX4I1
UQCRB
CACNB4
CACNB2
UQCRC1
SLC9A1
CACNG7
COX6A1
COX7C
UQCRQ
COX4I2
UQCRHL
CACNA1F
CACNB3
UQCRH
TPM4
ATP1A1
SLC9A6
CACNG4
FXYD2
COX6B2
CACNA1C
CACNG5
CACNA2D3
ATP1B1
CACNA1D
SLC8A1