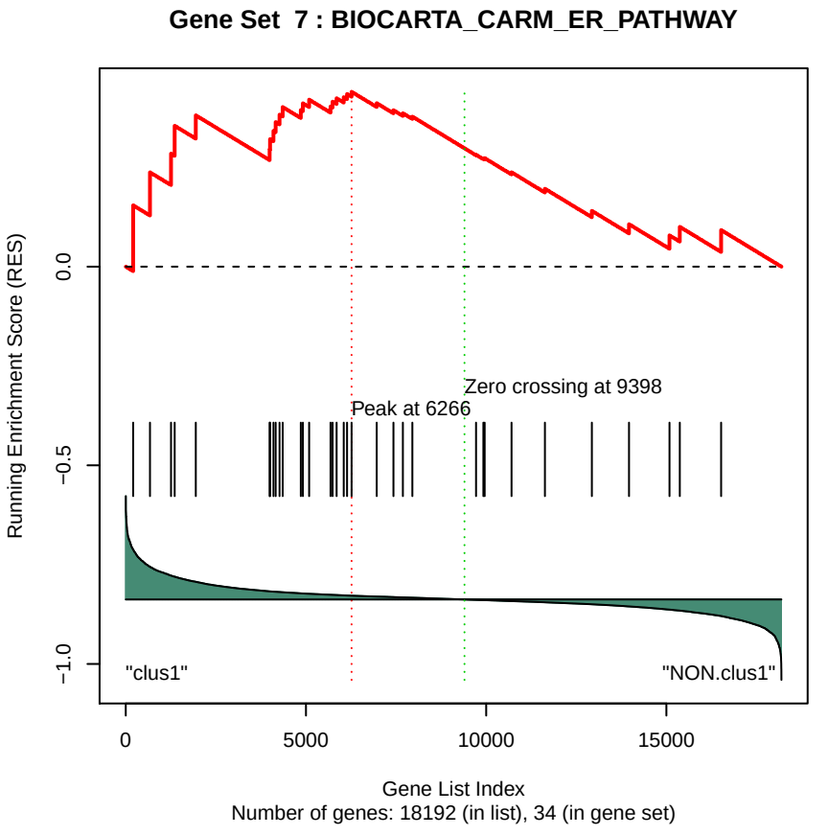
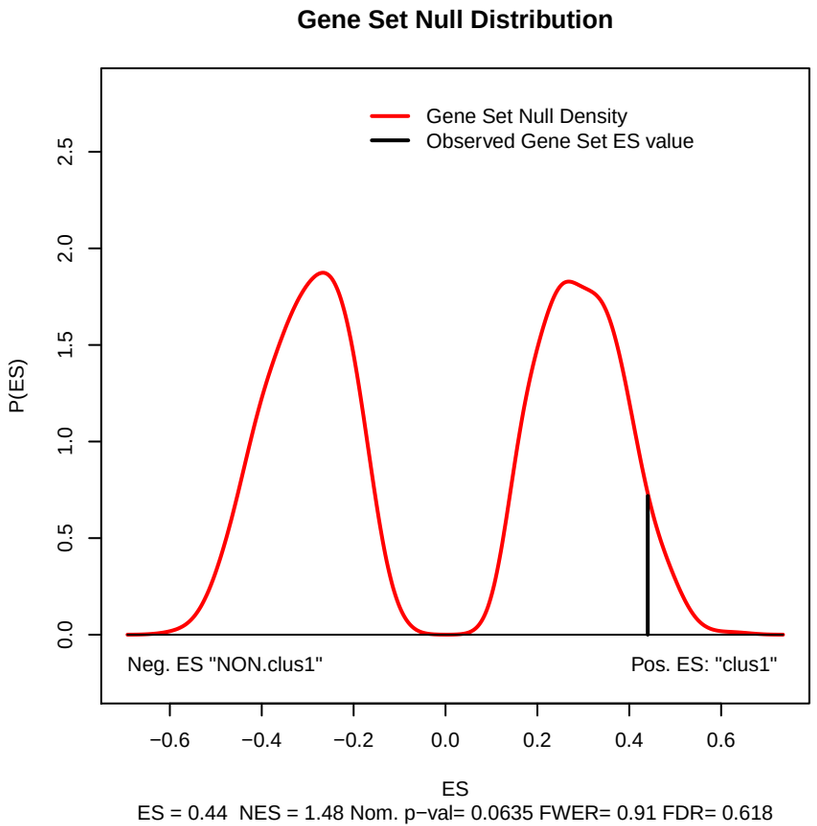
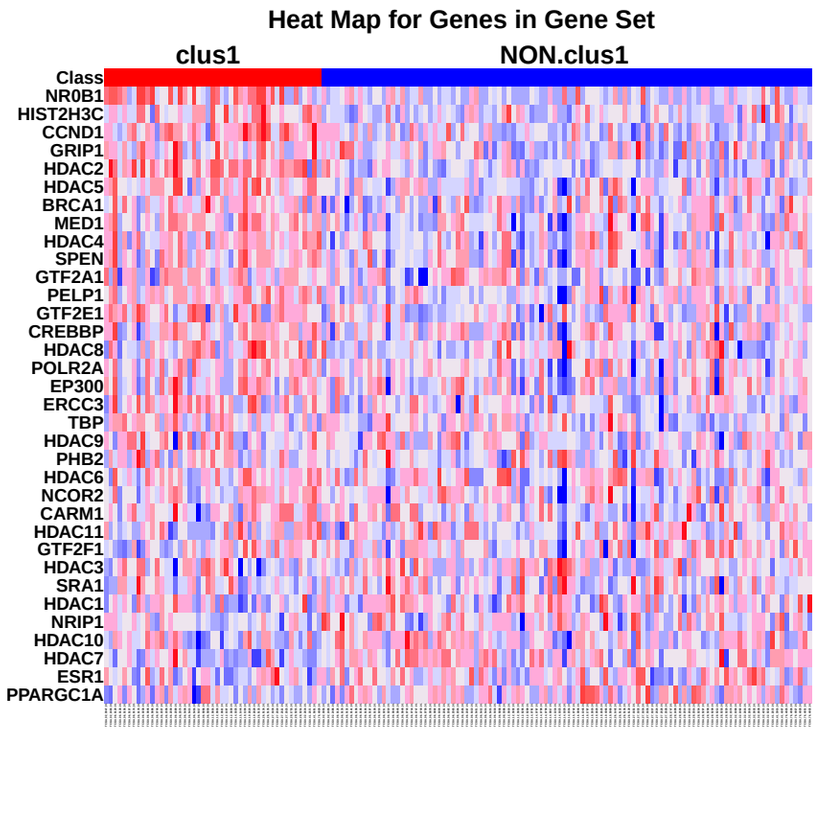

Gene Set 7 : BIOCARTA_CARM_ER_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 9398
Peak at 6266
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18192 (in list), 34 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.44 NES = 1.48 Nom. p−val= 0.0635 FWER= 0.91 FDR= 0.618


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
NR0B1
HIST2H3C
CCND1
GRIP1
HDAC2
HDAC5
BRCA1
MED1
HDAC4
SPEN
GTF2A1
PELP1
GTF2E1
CREBBP
HDAC8
POLR2A
EP300
ERCC3
TBP
HDAC9
PHB2
HDAC6
NCOR2
CARM1
HDAC11
GTF2F1
HDAC3
SRA1
HDAC1
NRIP1
HDAC10
HDAC7
ESR1
PPARGC1A