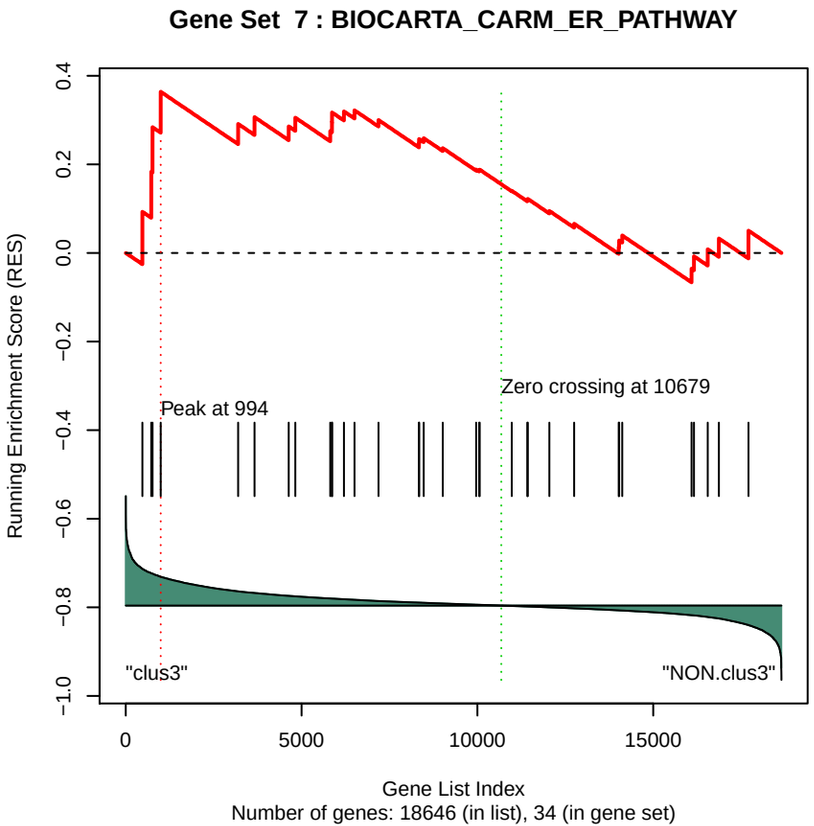
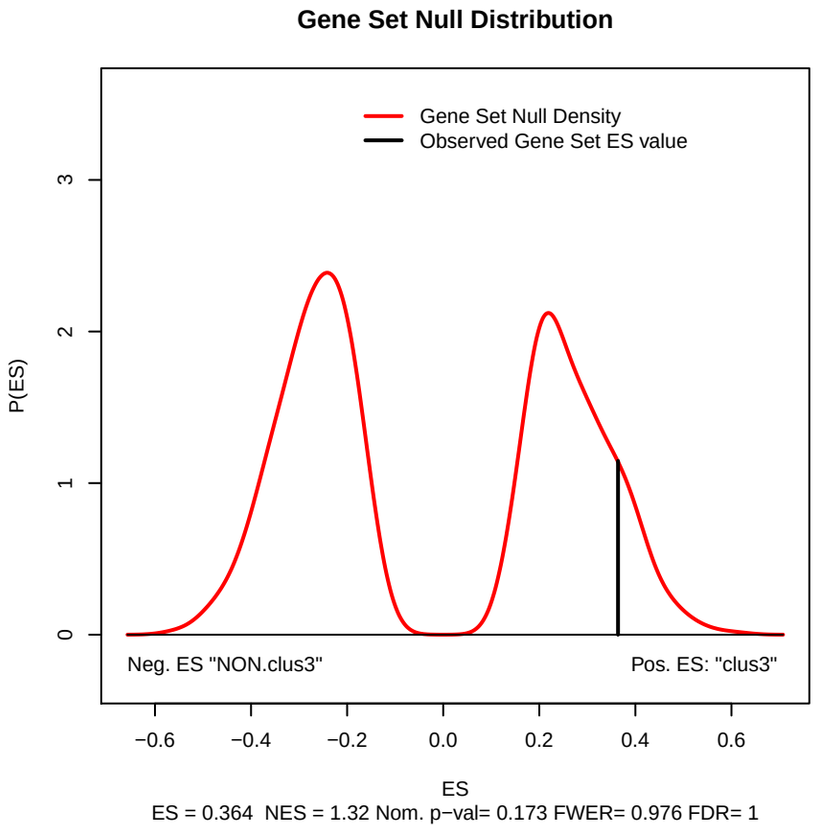
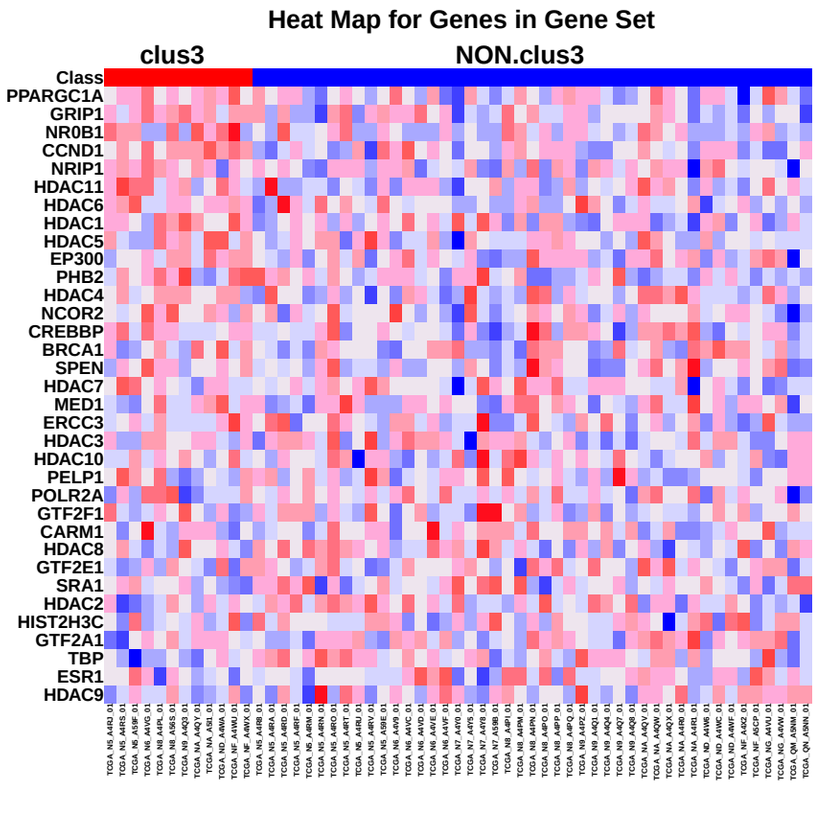

Gene Set 7 : BIOCARTA_CARM_ER_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 994
Zero crossing at 10679
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 34 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.364 NES = 1.32 Nom. p−val= 0.173 FWER= 0.976 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PPARGC1A
GRIP1
NR0B1
CCND1
NRIP1
HDAC11
HDAC6
HDAC1
HDAC5
EP300
PHB2
HDAC4
NCOR2
CREBBP
BRCA1
SPEN
HDAC7
MED1
ERCC3
HDAC3
HDAC10
PELP1
POLR2A
GTF2F1
CARM1
HDAC8
GTF2E1
SRA1
HDAC2
HIST2H3C
GTF2A1
TBP
ESR1
HDAC9