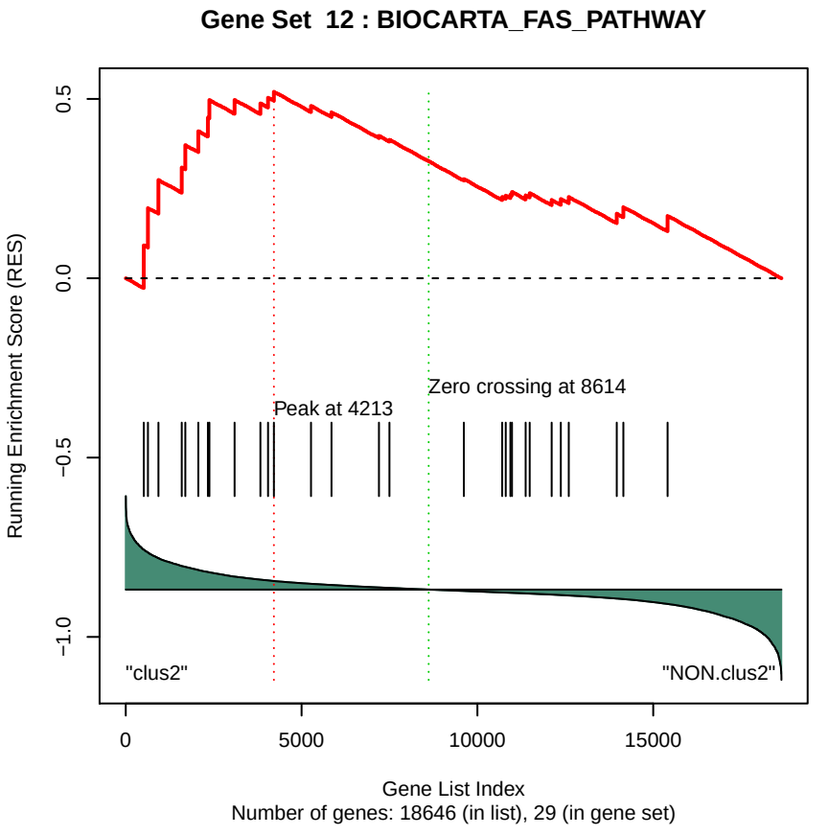
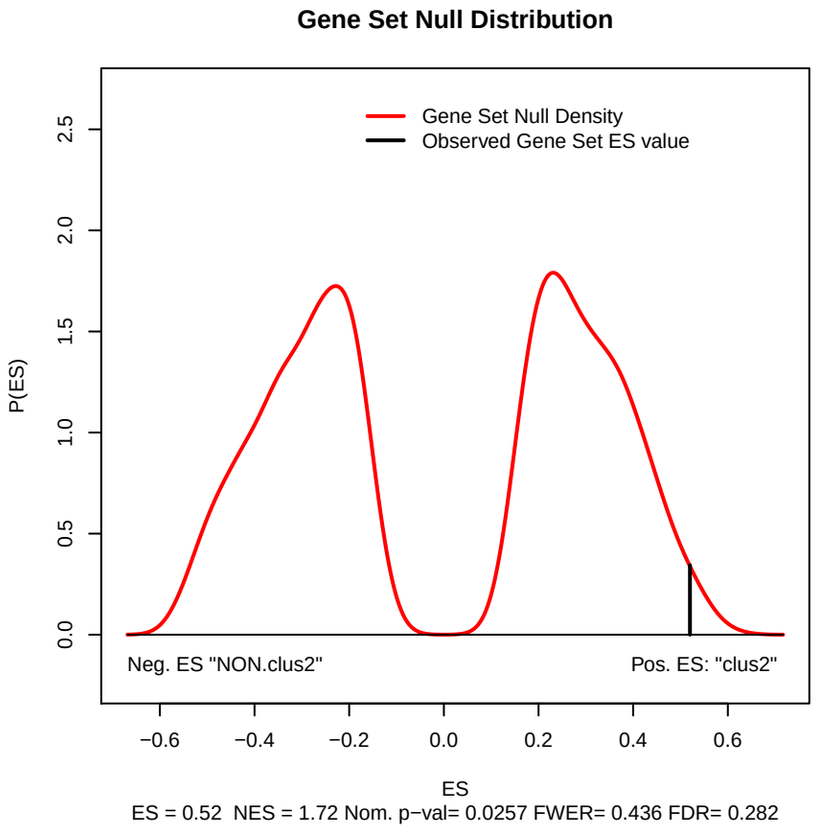
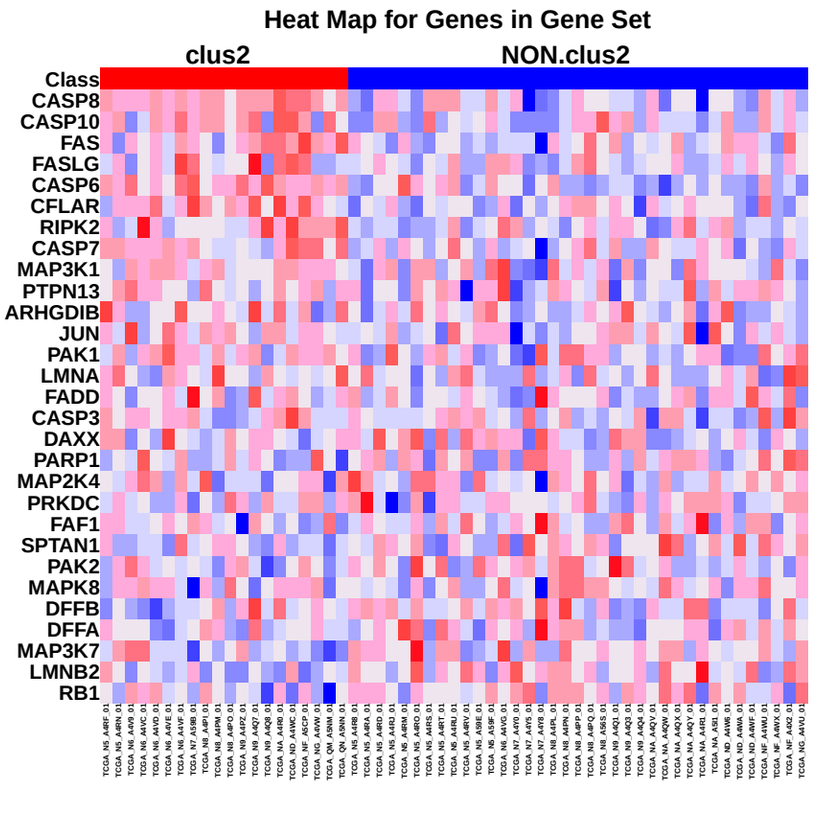

Gene Set 12 : BIOCARTA_FAS_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4213
Zero crossing at 8614
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 29 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.52 NES = 1.72 Nom. p−val= 0.0257 FWER= 0.436 FDR= 0.282


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
CASP8
CASP10
FAS
FASLG
CASP6
CFLAR
RIPK2
CASP7
MAP3K1
PTPN13
ARHGDIB
JUN
PAK1
LMNA
FADD
CASP3
DAXX
PARP1
MAP2K4
PRKDC
FAF1
SPTAN1
PAK2
MAPK8
DFFB
DFFA
MAP3K7
LMNB2
RB1