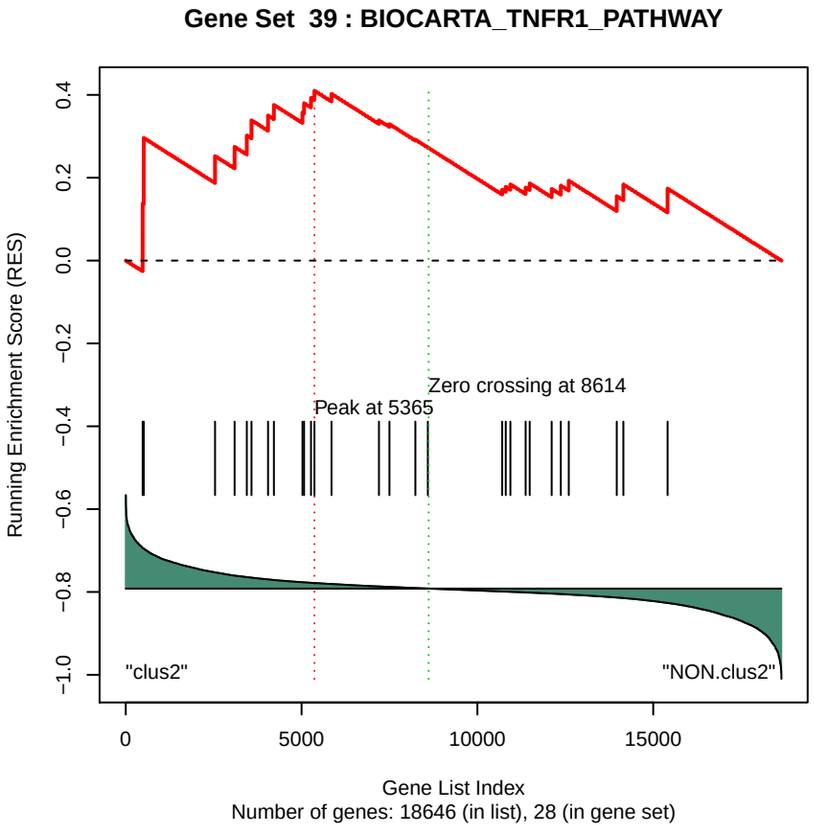
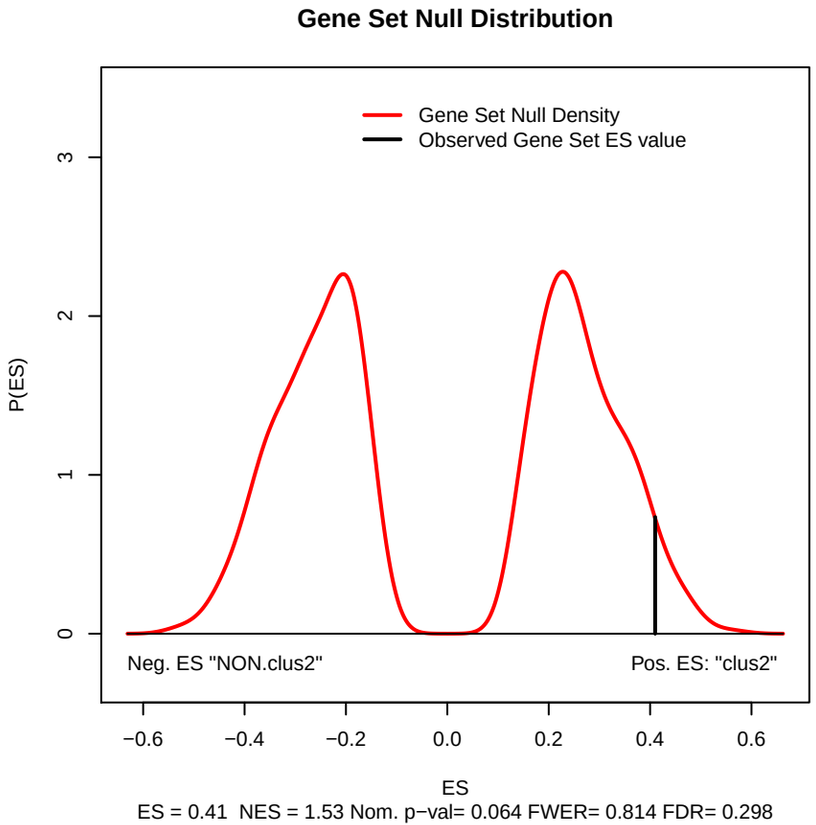
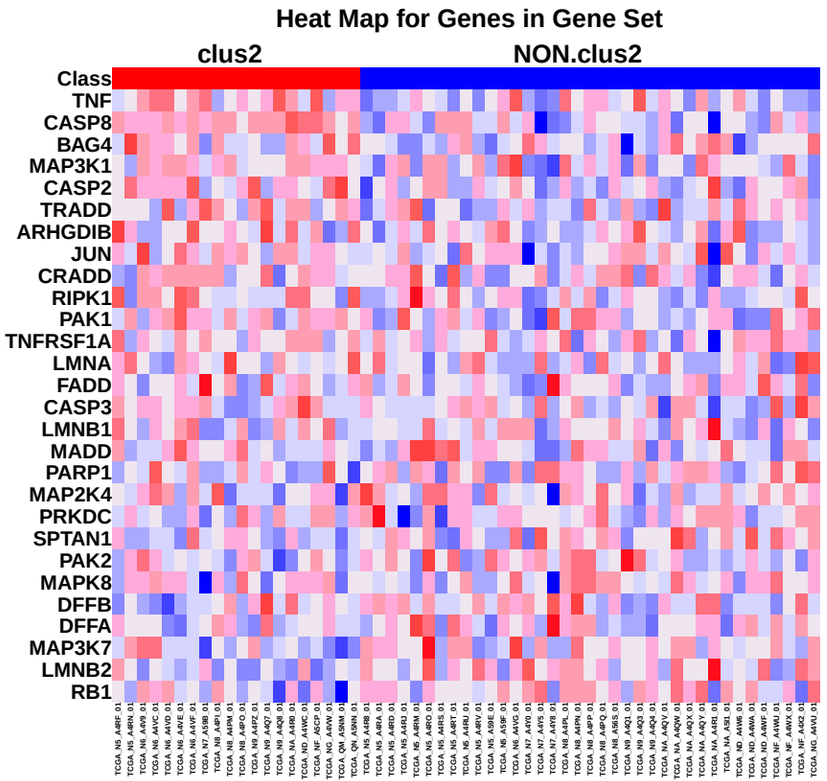

Gene Set 39 : BIOCARTA_TNFR1_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8614
Peak at 5365
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 28 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.41 NES = 1.53 Nom. p−val= 0.064 FWER= 0.814 FDR= 0.298


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
TNF
CASP8
BAG4
MAP3K1
CASP2
TRADD
ARHGDIB
JUN
CRADD
RIPK1
PAK1
TNFRSF1A
LMNA
FADD
CASP3
LMNB1
MADD
PARP1
MAP2K4
PRKDC
SPTAN1
PAK2
MAPK8
DFFB
DFFA
MAP3K7
LMNB2
RB1