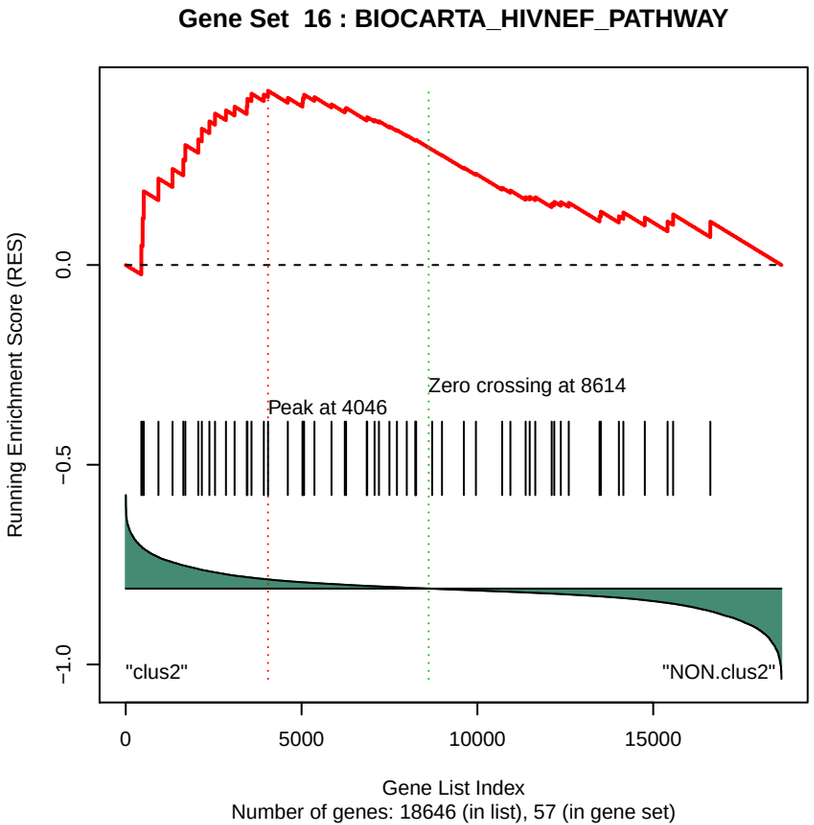
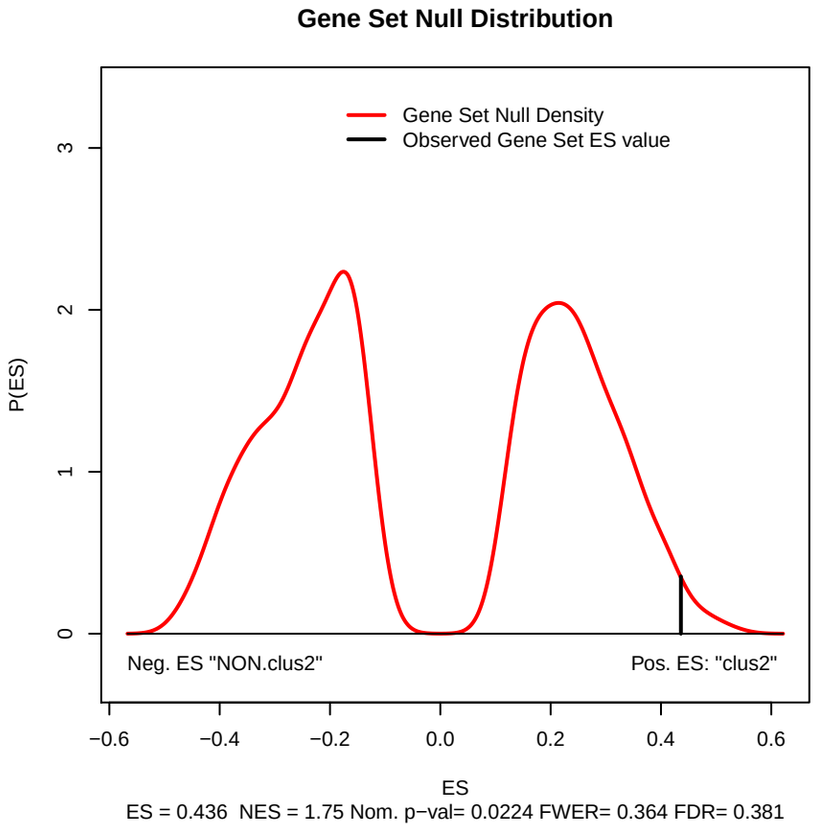
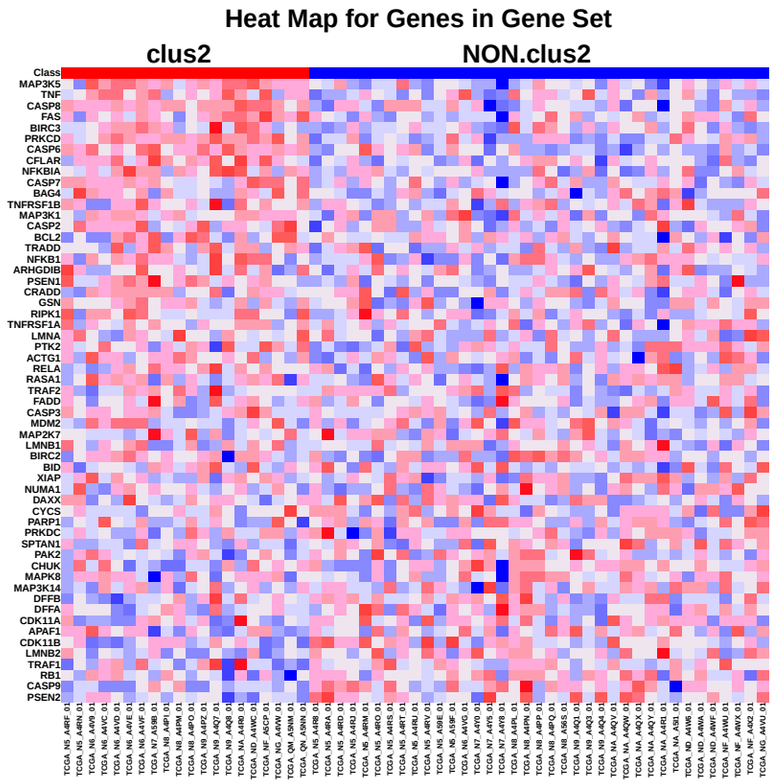

Gene Set 16 : BIOCARTA_HIVNEF_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Peak at 4046
Zero crossing at 8614
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 57 (in gene set)


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 = 0.436 NES = 1.75 Nom. p−val= 0.0224 FWER= 0.364 FDR= 0.381


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
MAP3K5
TNF
CASP8
FAS
BIRC3
PRKCD
CASP6
CFLAR
NFKBIA
CASP7
BAG4
TNFRSF1B
MAP3K1
CASP2
BCL2
TRADD
NFKB1
ARHGDIB
PSEN1
CRADD
GSN
RIPK1
TNFRSF1A
LMNA
PTK2
ACTG1
RELA
RASA1
TRAF2
FADD
CASP3
MDM2
MAP2K7
LMNB1
BIRC2
BID
XIAP
NUMA1
DAXX
CYCS
PARP1
PRKDC
SPTAN1
PAK2
CHUK
MAPK8
MAP3K14
DFFB
DFFA
CDK11A
APAF1
CDK11B
LMNB2
TRAF1
RB1
CASP9
PSEN2