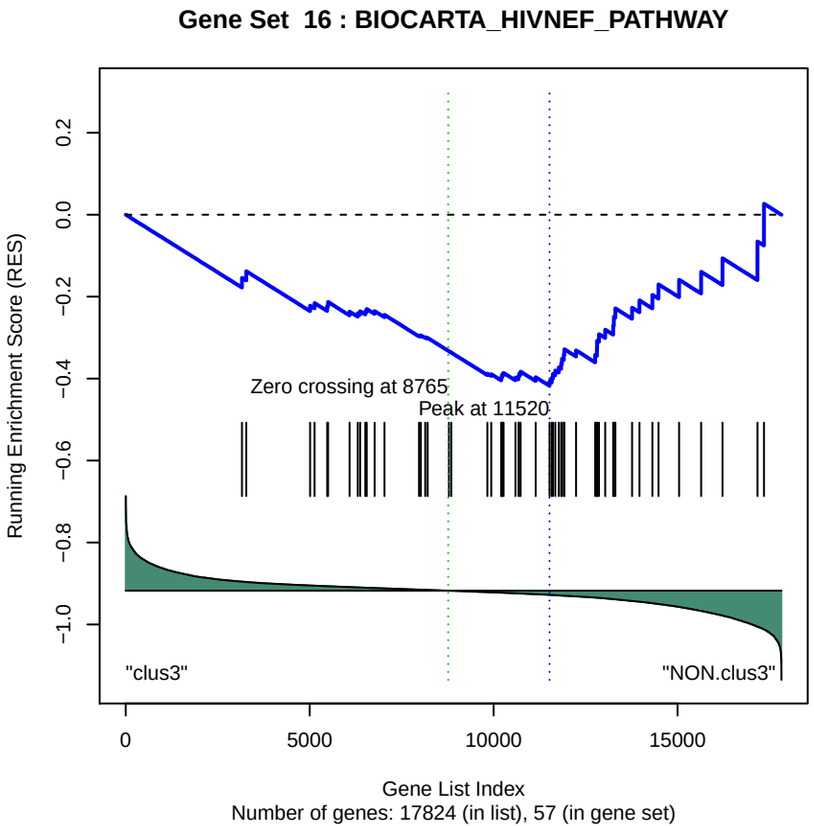
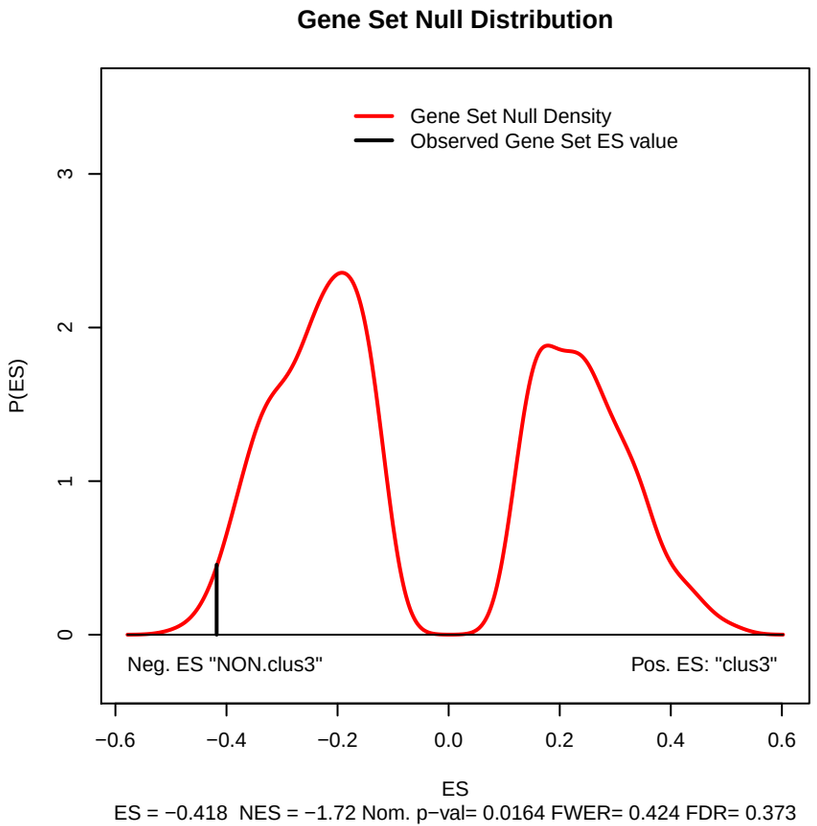
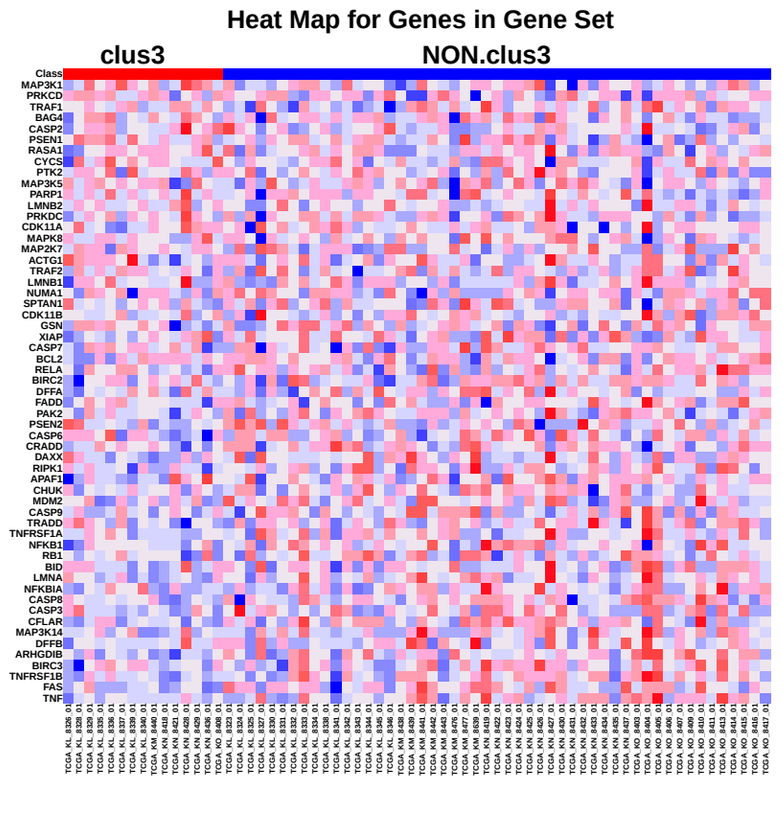

Gene Set 16 : BIOCARTA_HIVNEF_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8765
Peak at 11520
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 57 (in gene set)


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 = −0.418 NES = −1.72 Nom. p−val= 0.0164 FWER= 0.424 FDR= 0.373


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
MAP3K1
PRKCD
TRAF1
BAG4
CASP2
PSEN1
RASA1
CYCS
PTK2
MAP3K5
PARP1
LMNB2
PRKDC
CDK11A
MAPK8
MAP2K7
ACTG1
TRAF2
LMNB1
NUMA1
SPTAN1
CDK11B
GSN
XIAP
CASP7
BCL2
RELA
BIRC2
DFFA
FADD
PAK2
PSEN2
CASP6
CRADD
DAXX
RIPK1
APAF1
CHUK
MDM2
CASP9
TRADD
TNFRSF1A
NFKB1
RB1
BID
LMNA
NFKBIA
CASP8
CASP3
CFLAR
MAP3K14
DFFB
ARHGDIB
BIRC3
TNFRSF1B
FAS
TNF