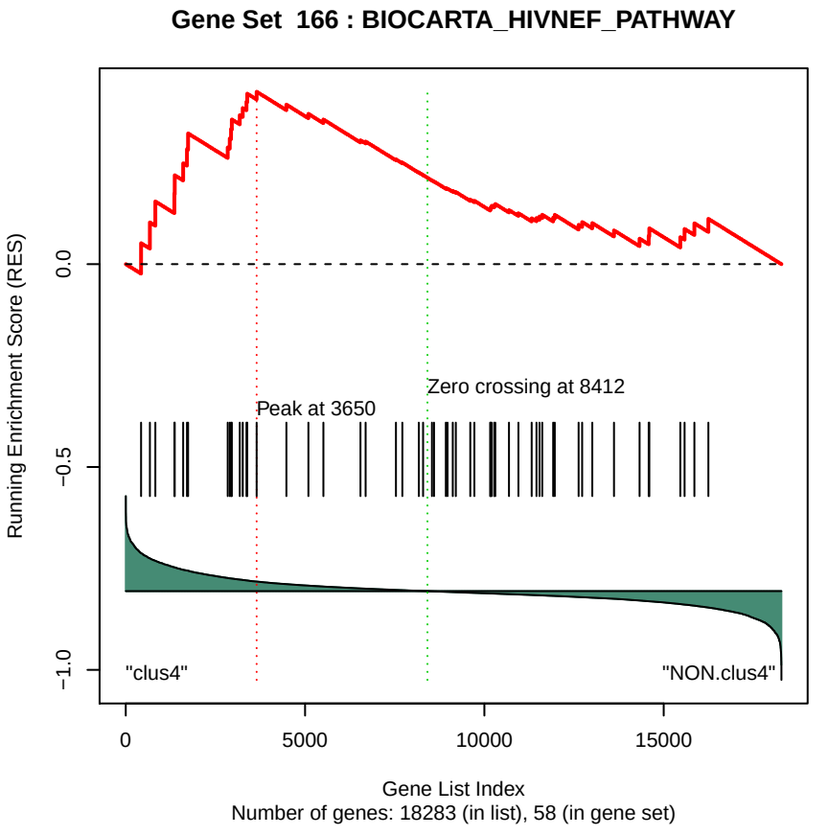
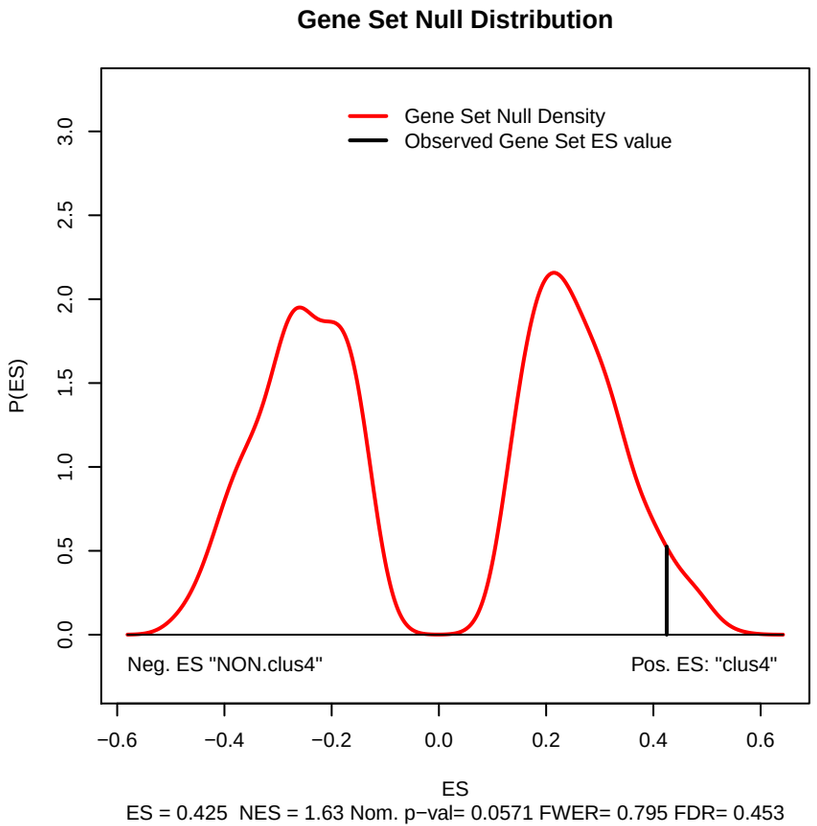
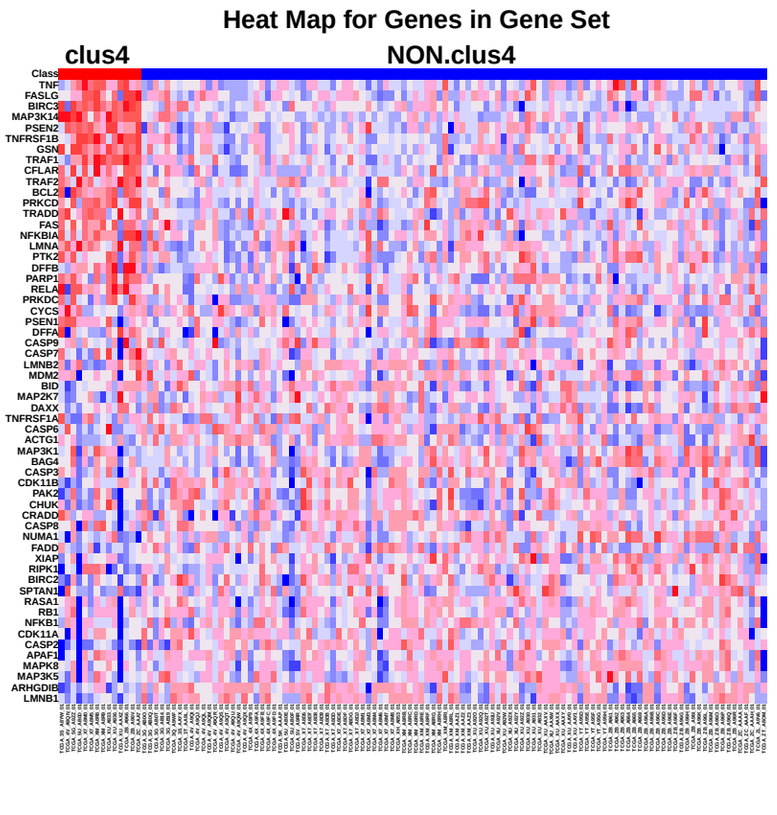

Gene Set 166 : BIOCARTA_HIVNEF_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Peak at 3650
Zero crossing at 8412
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18283 (in list), 58 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.425 NES = 1.63 Nom. p−val= 0.0571 FWER= 0.795 FDR= 0.453


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
TNF
FASLG
BIRC3
MAP3K14
PSEN2
TNFRSF1B
GSN
TRAF1
CFLAR
TRAF2
BCL2
PRKCD
TRADD
FAS
NFKBIA
LMNA
PTK2
DFFB
PARP1
RELA
PRKDC
CYCS
PSEN1
DFFA
CASP9
CASP7
LMNB2
MDM2
BID
MAP2K7
DAXX
TNFRSF1A
CASP6
ACTG1
MAP3K1
BAG4
CASP3
CDK11B
PAK2
CHUK
CRADD
CASP8
NUMA1
FADD
XIAP
RIPK1
BIRC2
SPTAN1
RASA1
RB1
NFKB1
CDK11A
CASP2
APAF1
MAPK8
MAP3K5
ARHGDIB
LMNB1