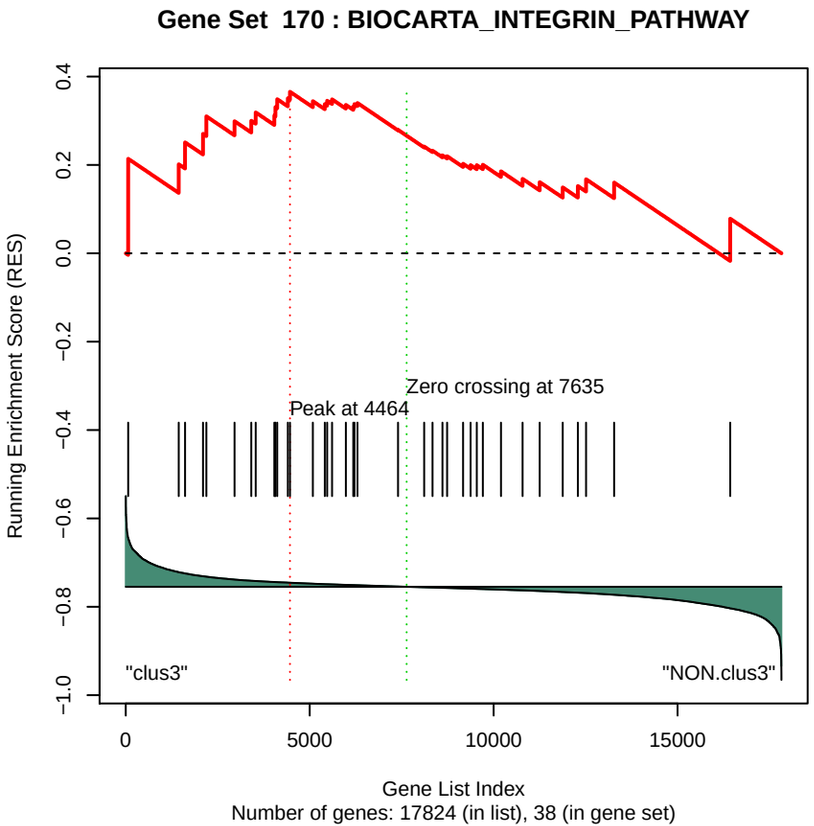
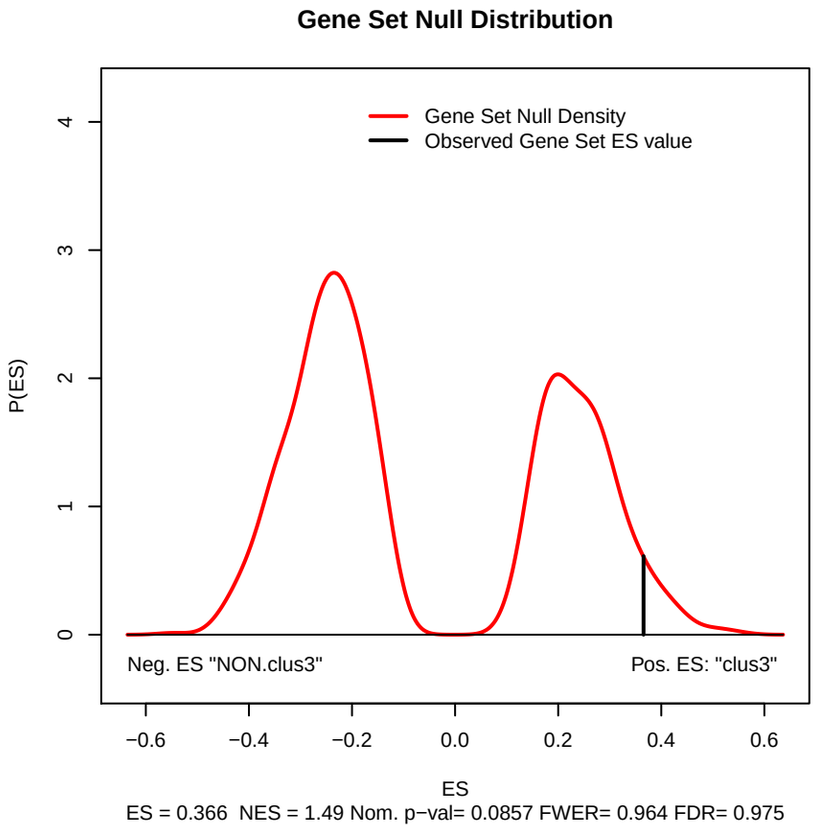
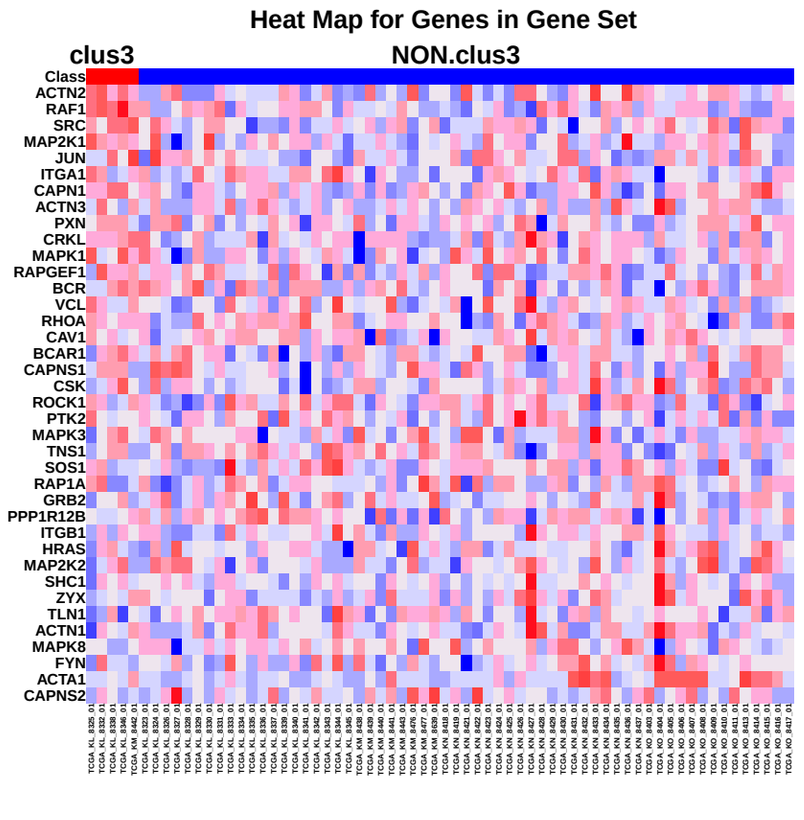

Gene Set 170 : BIOCARTA_INTEGRIN_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 7635
Peak at 4464
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 38 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.366 NES = 1.49 Nom. p−val= 0.0857 FWER= 0.964 FDR= 0.975


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
ACTN2
RAF1
SRC
MAP2K1
JUN
ITGA1
CAPN1
ACTN3
PXN
CRKL
MAPK1
RAPGEF1
BCR
VCL
RHOA
CAV1
BCAR1
CAPNS1
CSK
ROCK1
PTK2
MAPK3
TNS1
SOS1
RAP1A
GRB2
PPP1R12B
ITGB1
HRAS
MAP2K2
SHC1
ZYX
TLN1
ACTN1
MAPK8
FYN
ACTA1
CAPNS2