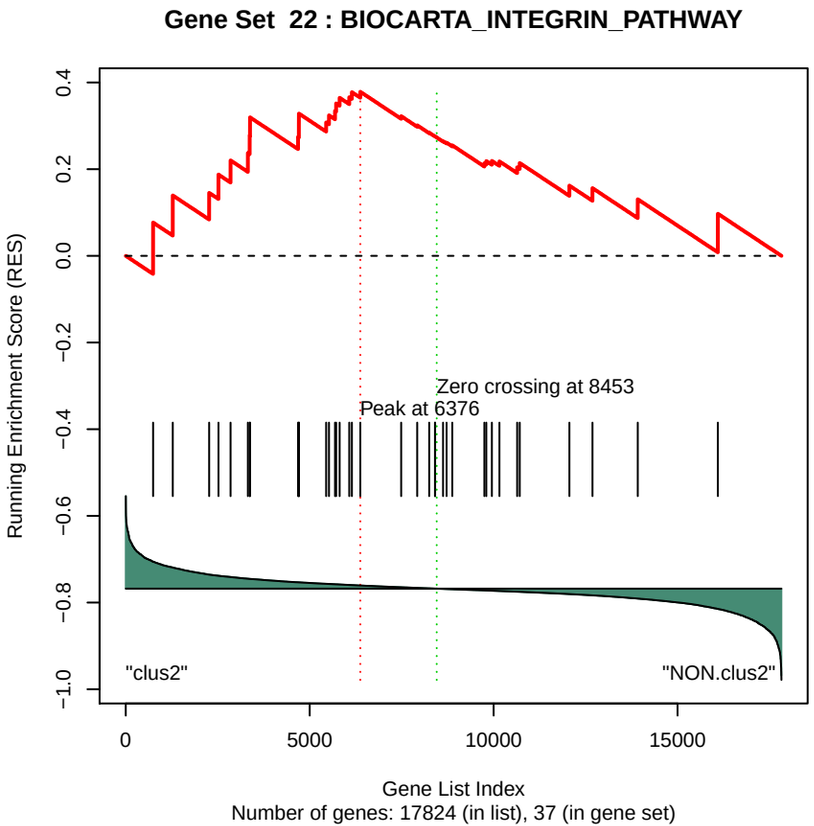
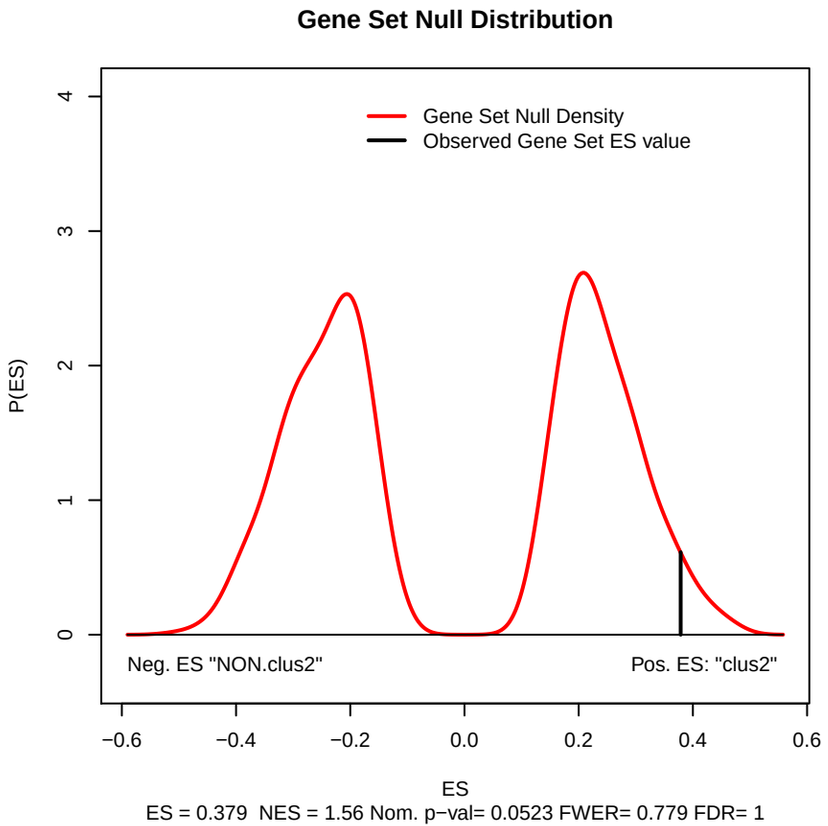
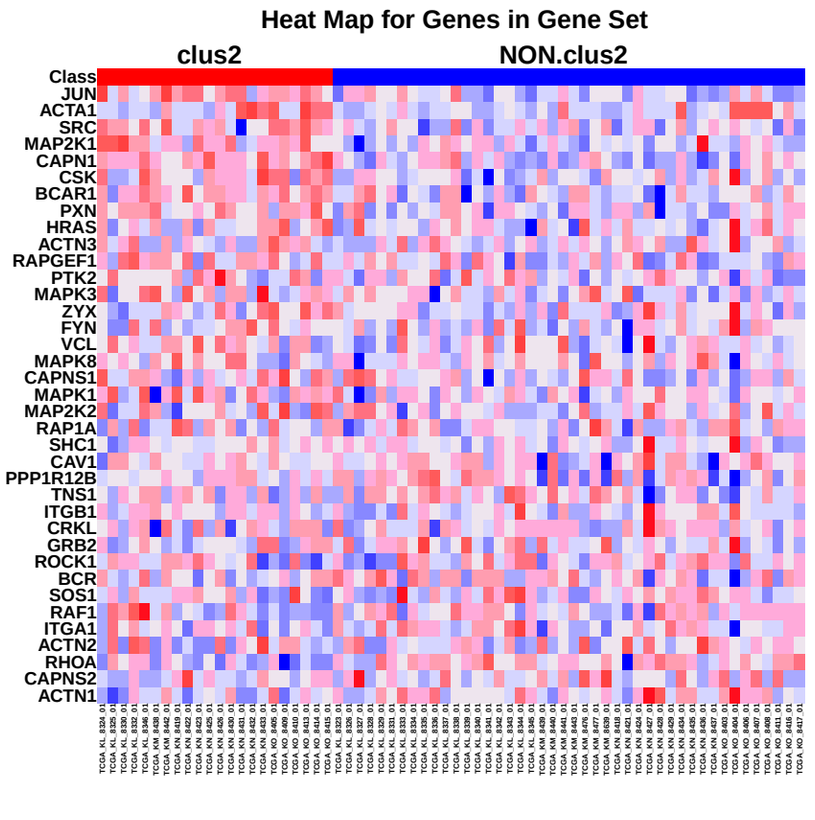

Gene Set 22 : BIOCARTA_INTEGRIN_PATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 8453
Peak at 6376
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 37 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.379 NES = 1.56 Nom. p−val= 0.0523 FWER= 0.779 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
JUN
ACTA1
SRC
MAP2K1
CAPN1
CSK
BCAR1
PXN
HRAS
ACTN3
RAPGEF1
PTK2
MAPK3
ZYX
FYN
VCL
MAPK8
CAPNS1
MAPK1
MAP2K2
RAP1A
SHC1
CAV1
PPP1R12B
TNS1
ITGB1
CRKL
GRB2
ROCK1
BCR
SOS1
RAF1
ITGA1
ACTN2
RHOA
CAPNS2
ACTN1