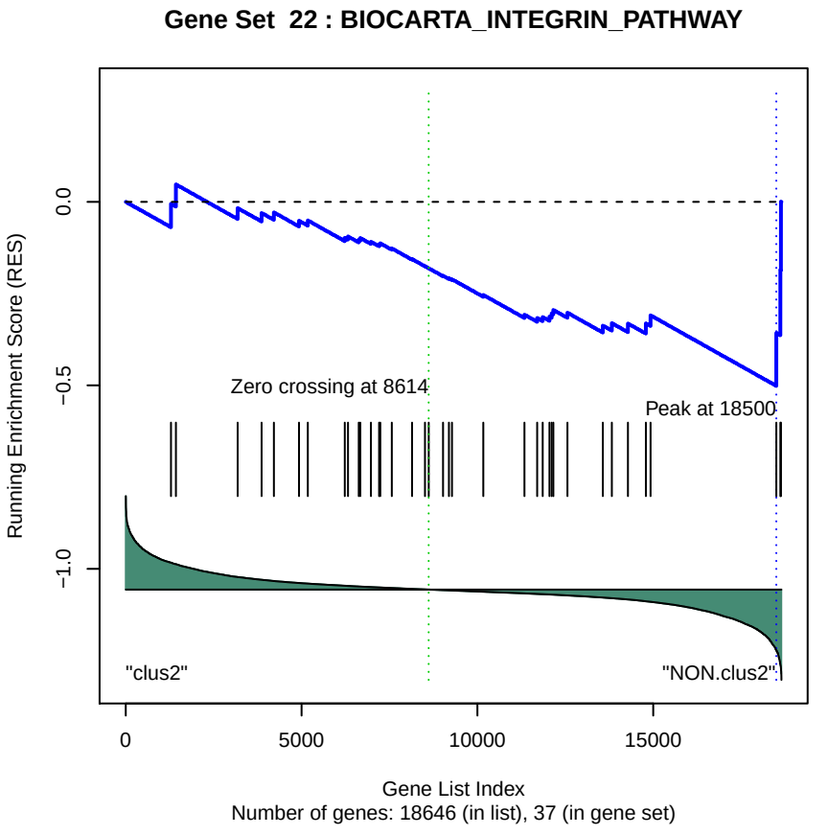
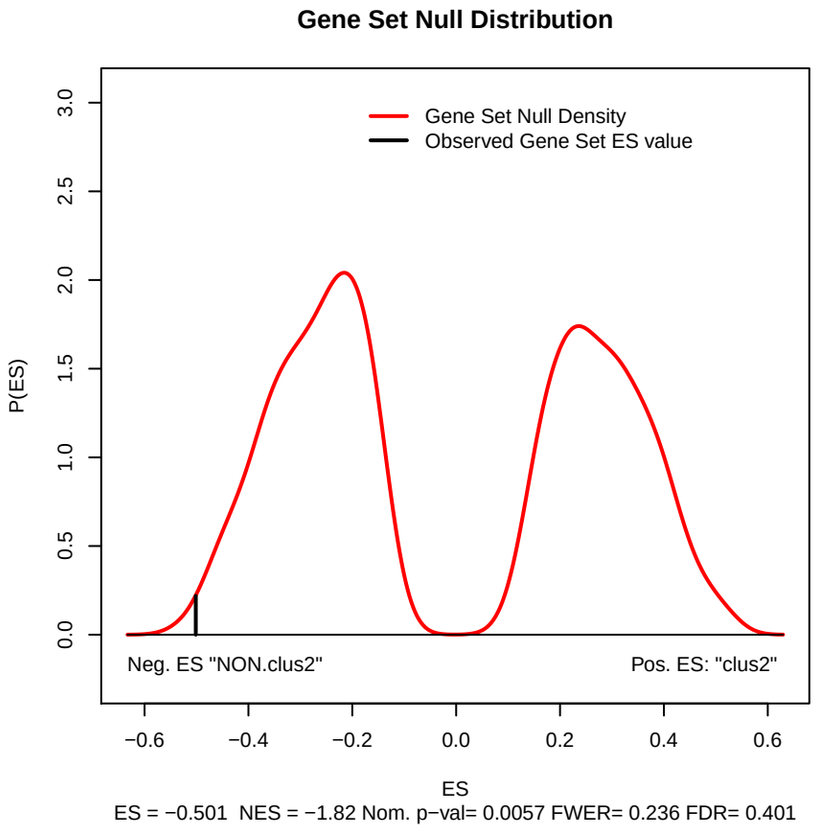
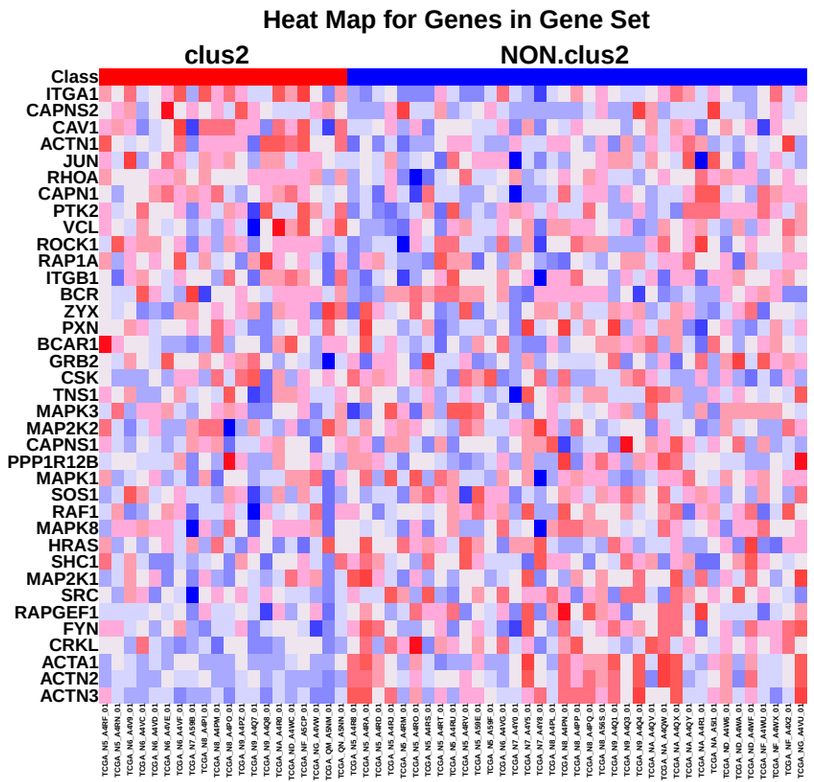

Gene Set 22 : BIOCARTA_INTEGRIN_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 8614
Peak at 18500
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 37 (in gene set)


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.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.501 NES = −1.82 Nom. p−val= 0.0057 FWER= 0.236 FDR= 0.401


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