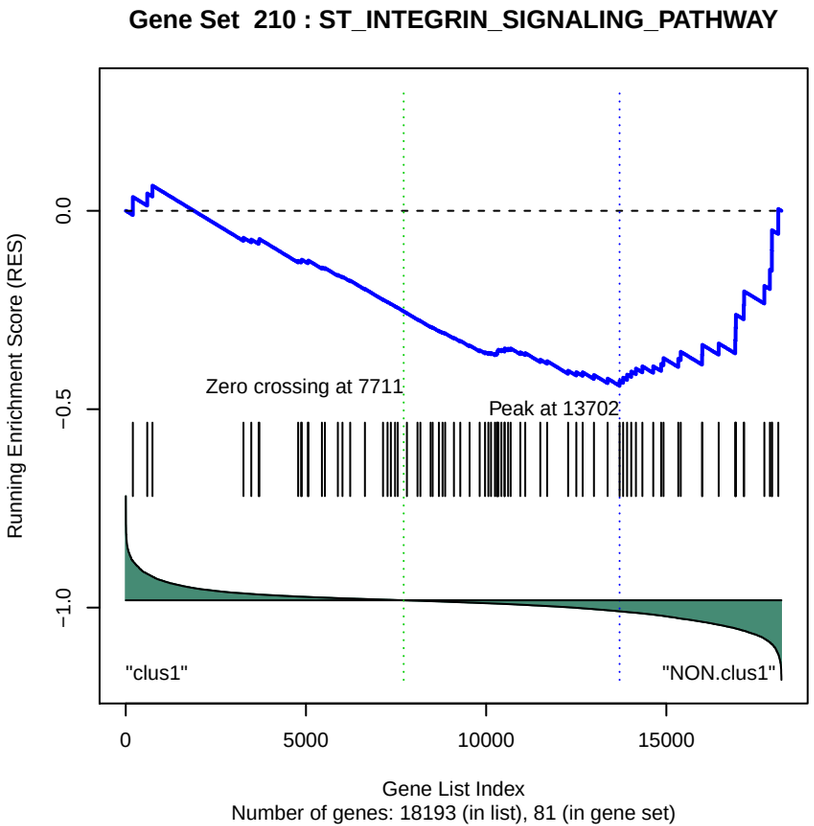
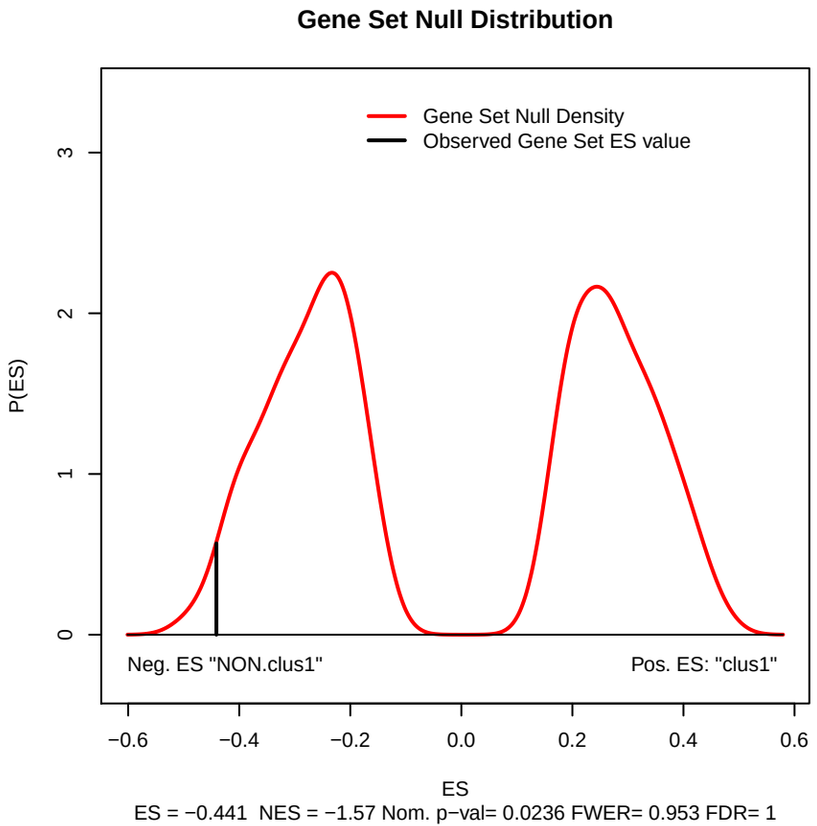
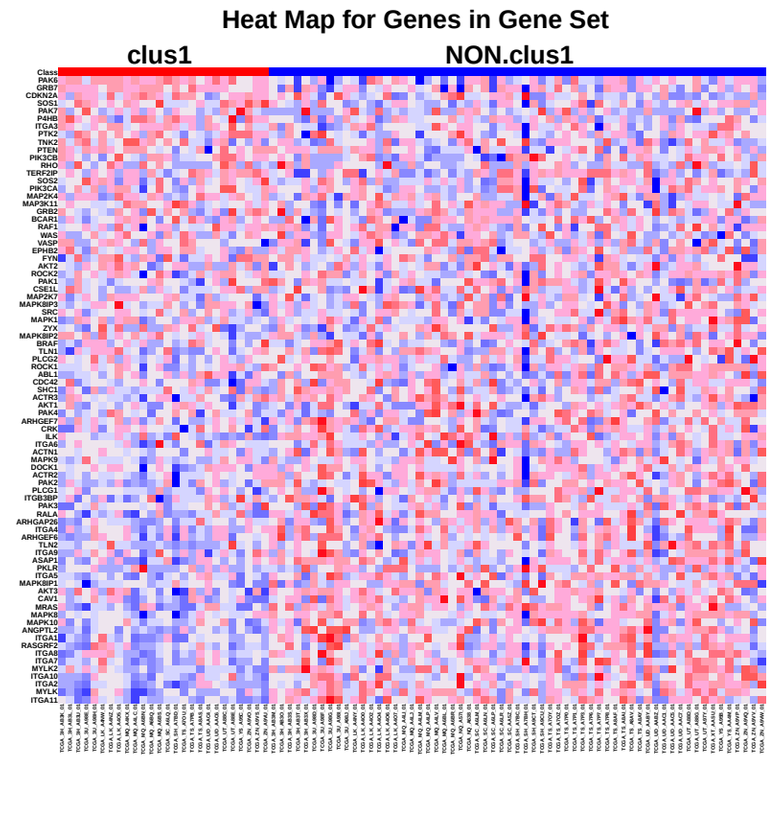

Gene Set 210 : ST_INTEGRIN_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 7711
Peak at 13702
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18193 (in list), 81 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.441 NES = −1.57 Nom. p−val= 0.0236 FWER= 0.953 FDR= 1


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PAK6
GRB7
CDKN2A
SOS1
PAK7
P4HB
ITGA3
PTK2
TNK2
PTEN
PIK3CB
RHO
TERF2IP
SOS2
PIK3CA
MAP2K4
MAP3K11
GRB2
BCAR1
RAF1
WAS
VASP
EPHB2
FYN
AKT2
ROCK2
PAK1
CSE1L
MAP2K7
MAPKBIP3
SRC
MAPK1
ZYX
MAPKBIP2
BRAF
TLN1
PLCG2
ROCK1
ABL1
CDC42
SHC1
ACTR3
AKT1
PAK4
ARHGEF7
CRK
ILK
ITGA6
ACTN1
MAPK9
DOCK1
ACTN2
PAK2
PLCG1
ITGB3BP
PAK3
RALA
ARHGAP26
ITGA4
ARHGEF6
TLN2
ITGA9
ASAP1
PKLR
ITGA5
MAPKBIP1
AKT3
CAV1
MRAS
MAPK8
MAPK10
ANGPTL2
ITGA1
RASGRF2
ITGA8
ITGA7
MYLK2
ITGA10
ITGA2
MYLK
ITGA11