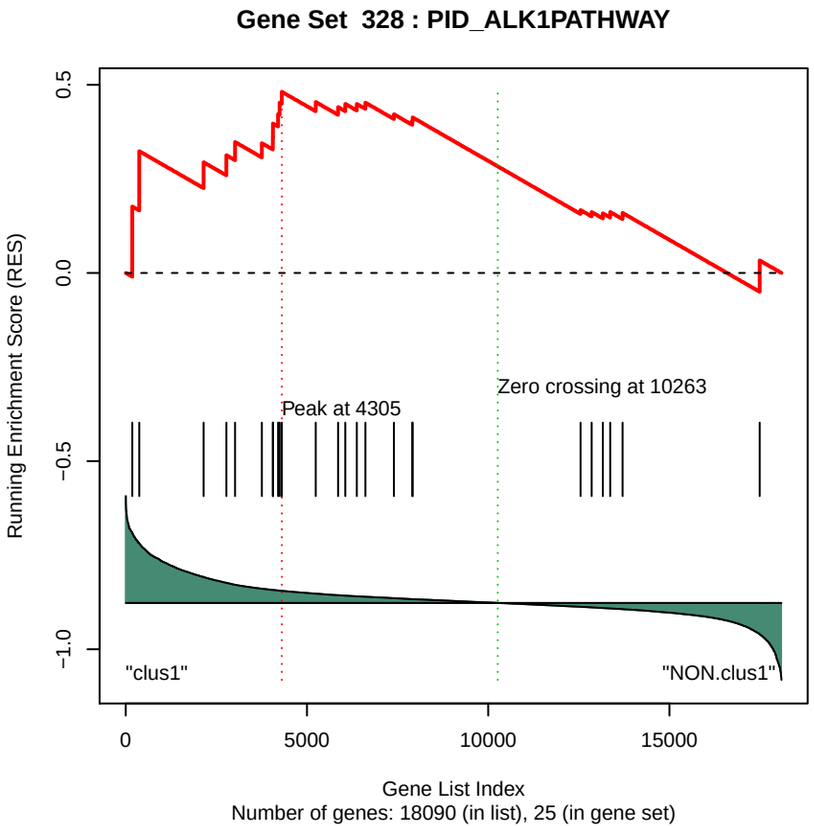
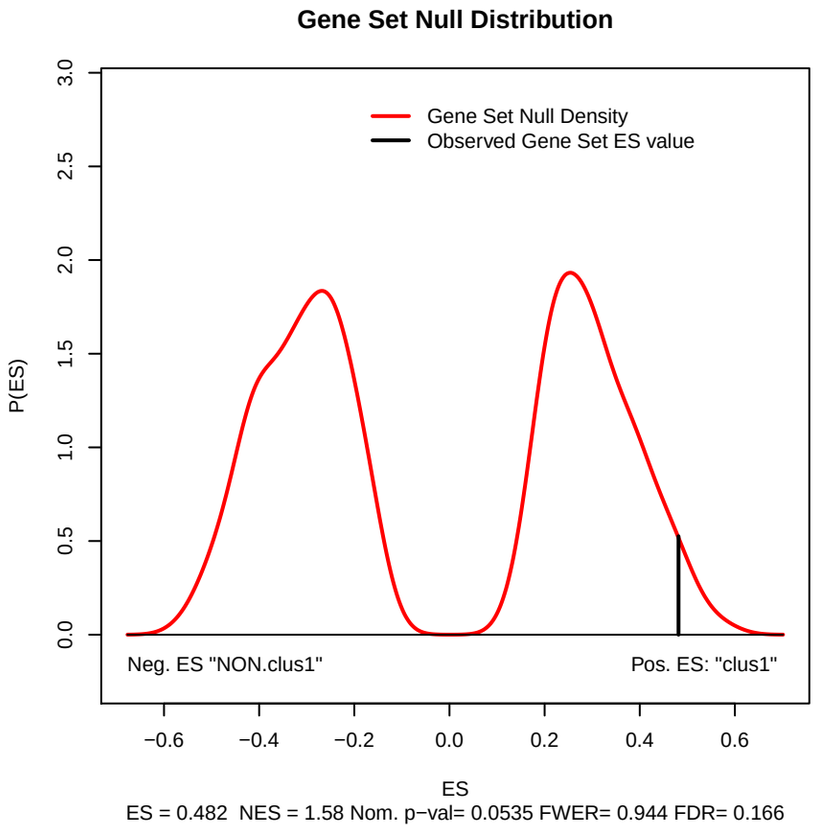
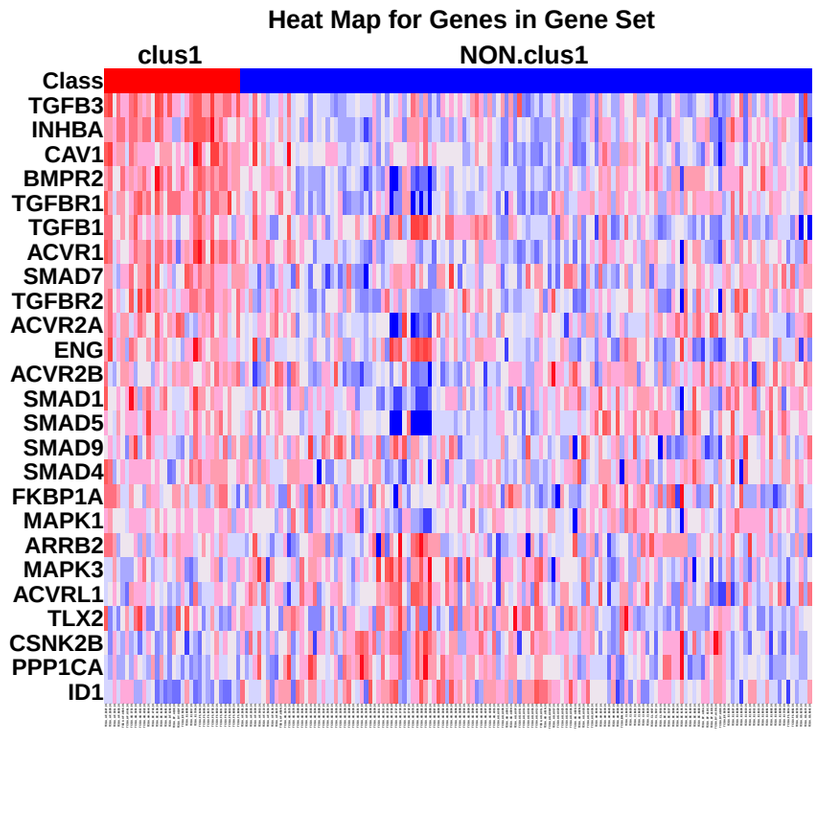

Gene Set 328 : PID_ALK1PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4305
Zero crossing at 10263
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18090 (in list), 25 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.482 NES = 1.58 Nom. p−val= 0.0535 FWER= 0.944 FDR= 0.166


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
TGFB3
INHBA
CAV1
BMPR2
TGFBR1
TGFB1
ACVR1
SMAD7
TGFBR2
ACVR2A
ENG
ACVR2B
SMAD1
SMAD5
SMAD9
SMAD4
FKBP1A
MAPK1
ARRB2
MAPK3
ACVRL1
TLX2
CSNK2B
PPP1CA
ID1