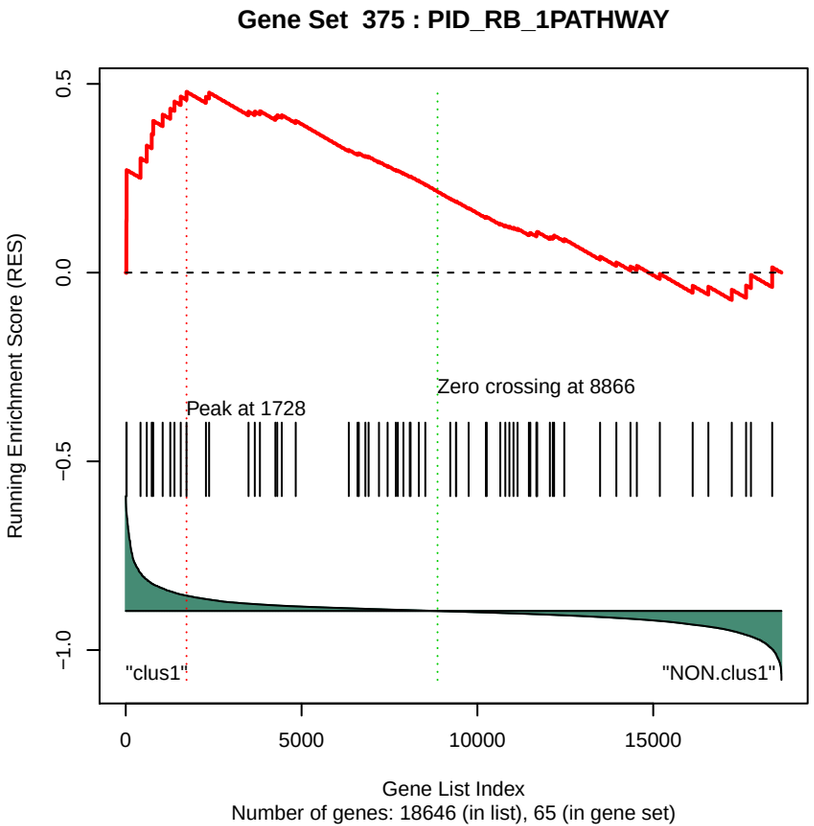
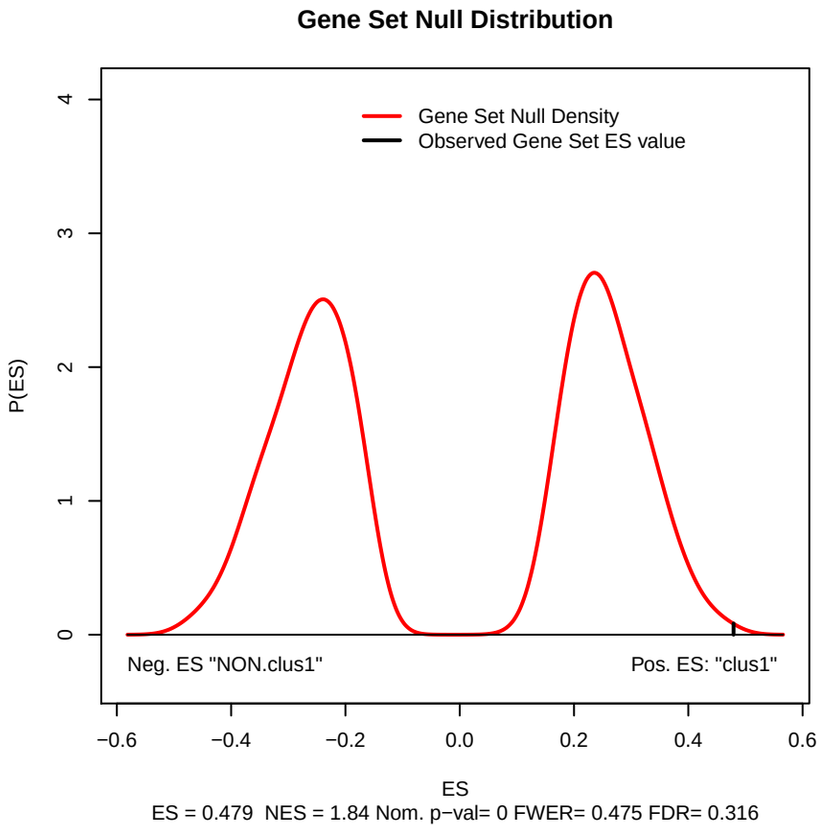
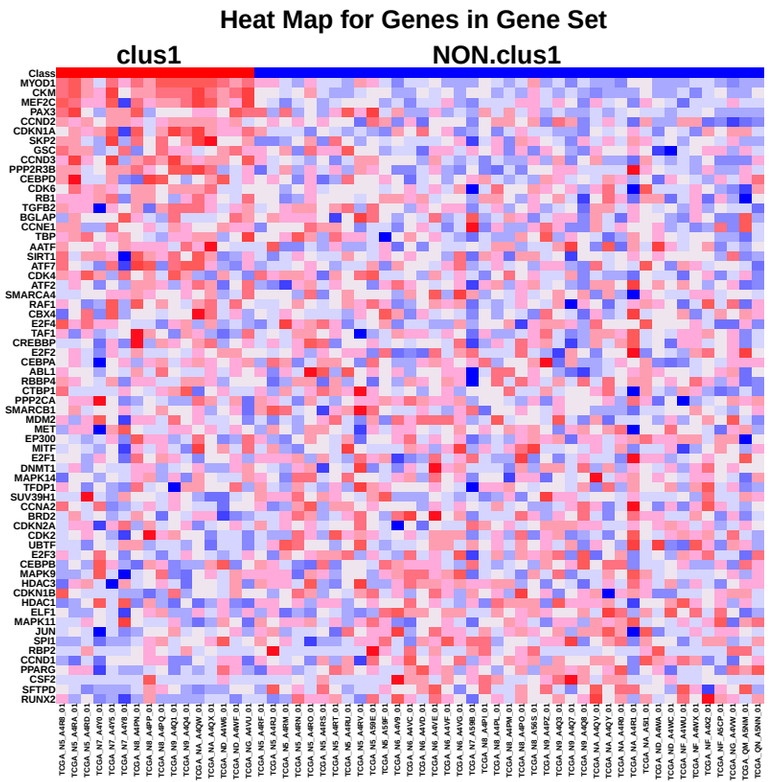

Gene Set 375 : PID_RB_1PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1728
Zero crossing at 8866
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 65 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.479 NES = 1.84 Nom. p−val= 0 FWER= 0.475 FDR= 0.316


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
MYOD1
CKM
MEF2C
PAX3
CCND2
CDKN1A
SKP2
GSC
CCND3
PPP2R3B
CEBPD
CDK6
RB1
TGFB2
BGLAP
CCNE1
TBP
AATF
SIRT1
ATF7
CDK4
ATF2
SMARCA4
RAF1
CBX4
E2F4
TAF1
CREBBP
E2F2
CEBPA
ABL1
RBBP4
CTBP1
PPP2CA
SMARCB1
MDM2
MET
EP300
MITF
E2F1
DNMT1
MAPK14
TFDP1
SUV39H1
CCNA2
BRD2
CDKN2A
CDK2
UBTF
E2F3
CEBPB
MAPK9
HDAC3
CDKN1B
HDAC1
ELF1
MAPK11
JUN
SPI1
RBP2
CCND1
PPARG
CSF2
SFTPD
RUNX2