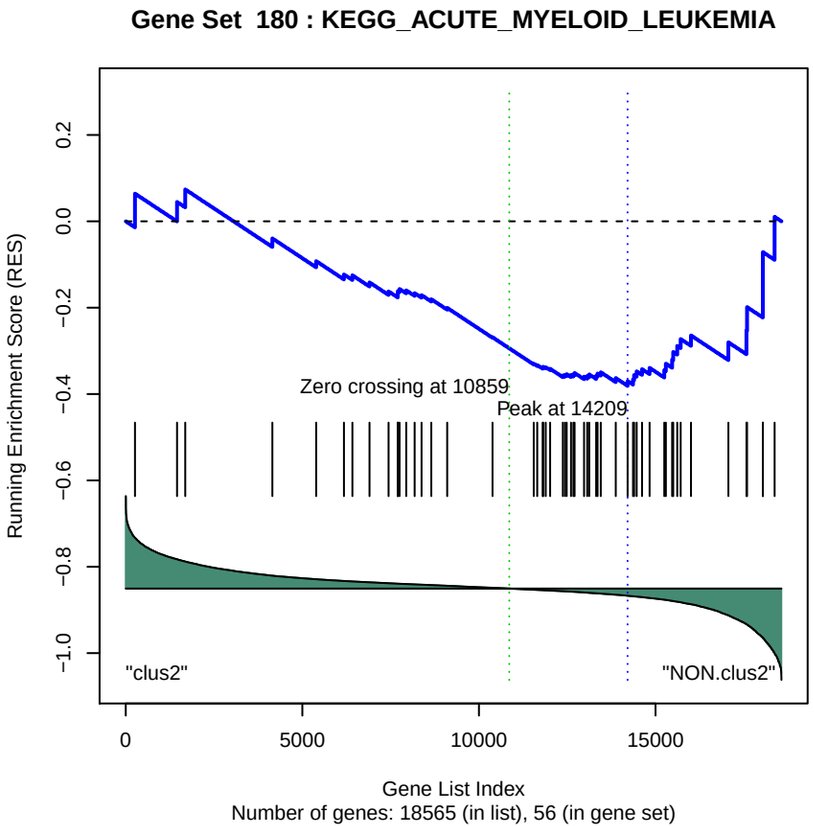
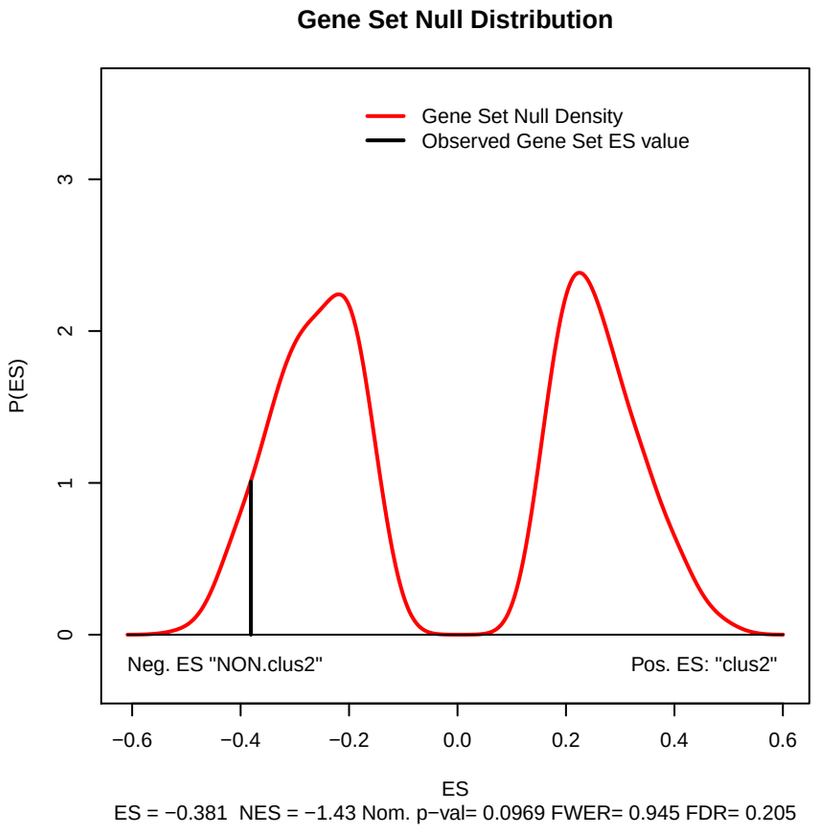
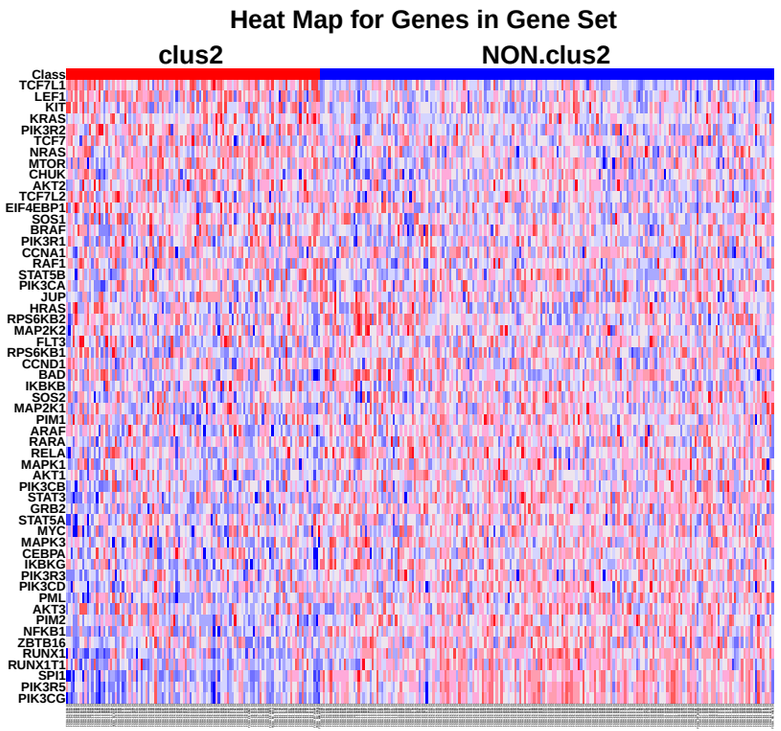

Gene Set 180 : KEGG_ACUTE_MYELOID_LEUKEMIA
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 10859
Peak at 14209
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18565 (in list), 56 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.381 NES = −1.43 Nom. p−val= 0.0969 FWER= 0.945 FDR= 0.205


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
TCF7L1
LEF1
KIT
KRAS
PIK3R2
TCF7
NRAS
MTOR
CHUK
AKT2
TCF7L2
EIF4EBP1
SOS1
BRAF
PIK3R1
CCNA1
RAF1
STAT5B
PIK3CA
JUP
HRAS
RPS6KB2
MAP2K2
FLT3
RPS6KB1
CCND1
BAD
IKBKB
SOS2
MAP2K1
PIM1
ARAF
RARA
RELA
MAPK1
AKT1
PIK3CB
STAT3
GRB2
STAT5A
MYC
MAPK3
CEBPA
IKBKG
PIK3R3
PIK3CD
PML
AKT3
PIM2
NFKB1
ZBTB16
RUNX1
RUNX1T1
SPI1
PIK3R5
PIK3CG