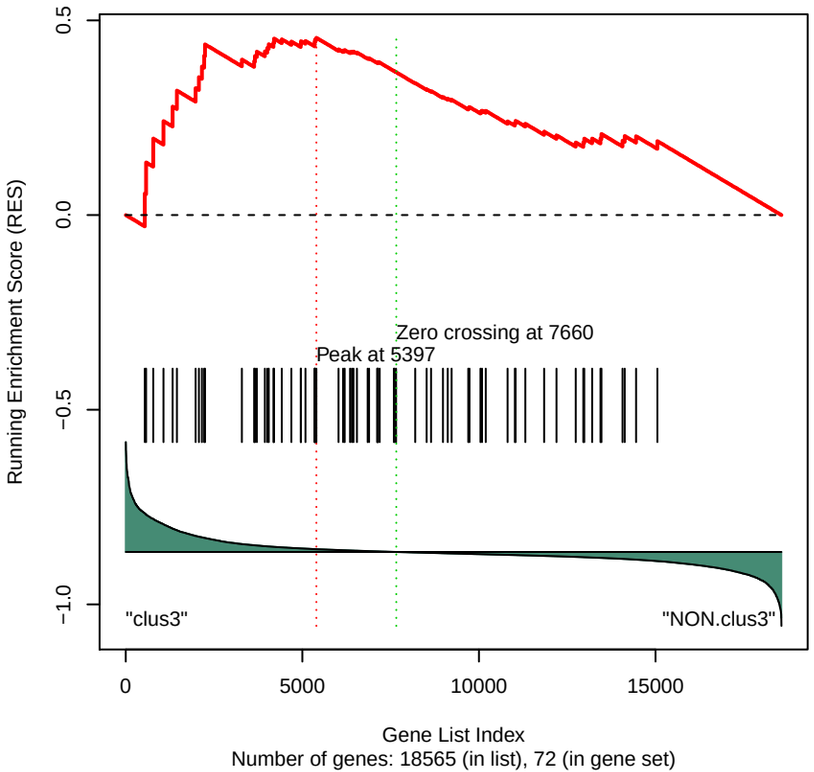
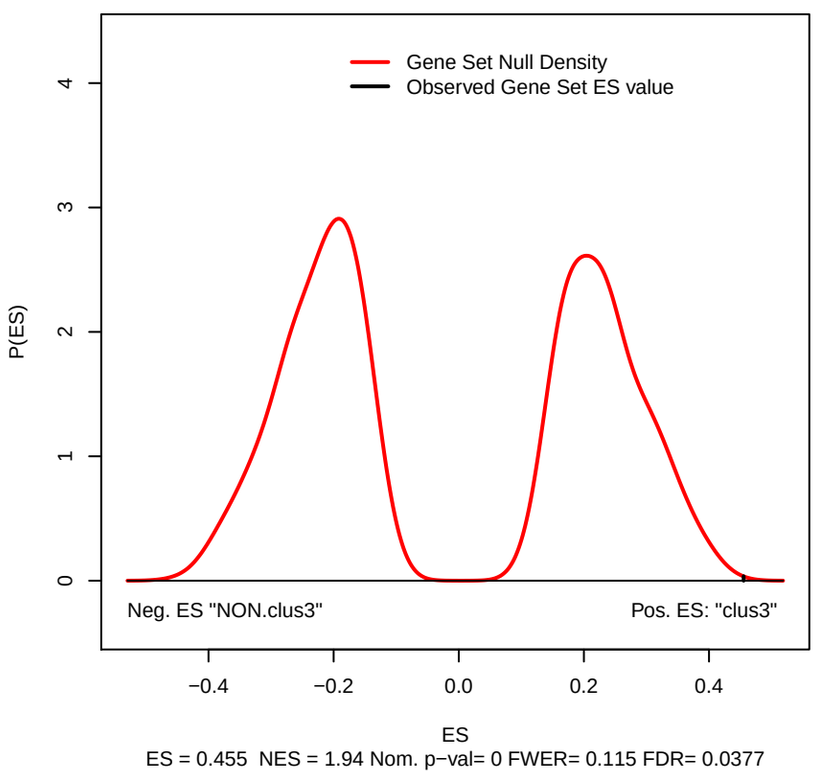
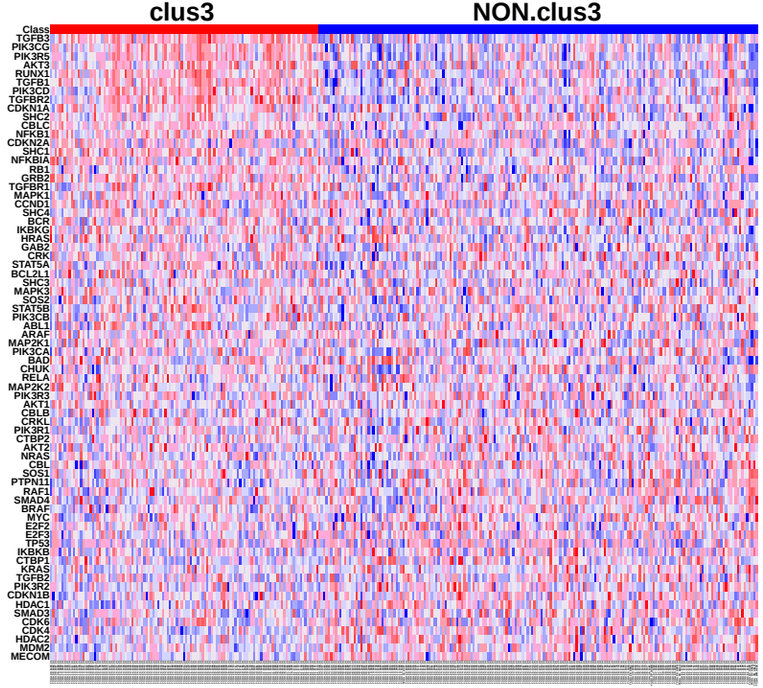

Gene Set 179 : KEGG_CHRONIC_MYELOID_LEUKEMIA
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Zero crossing at 7660
Peak at 5397
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18565 (in list), 72 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.4
−0.2
0.0
0.2
0.4
ES
ES = 0.455 NES = 1.94 Nom. p−val= 0 FWER= 0.115 FDR= 0.0377


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
TGFB3
PIK3CG
PIK3R5
AKT3
RUNX1
TGFB1
PIK3CD
TGFBR2
CDKN1A
SHC2
CBLC
NFKB1
CDKN2A
SHC1
NFKBIA
RB1
GRB2
TGFBR1
MAPK1
CCND1
SHC4
BCR
IKBKG
HRAS
GAB2
CRK
STAT5A
BCL2L1
SHC3
MAPK3
SOS2
STAT5B
PIK3CB
ABL1
ARAF
MAP2K1
PIK3CA
BAD
CHUK
RELA
MAP2K2
PIK3R3
AKT1
CBLB
CRKL
PIK3R1
CTBP2
AKT2
NRAS
CBL
SOS1
PTPN11
RAF1
SMAD4
BRAF
MYC
E2F2
E2F3
TP53
IKBKB
CTBP1
KRAS
TGFB2
PIK3R2
CDKN1B
HDAC1
SMAD3
CDK6
CDK4
HDAC2
MDM2
MECOM