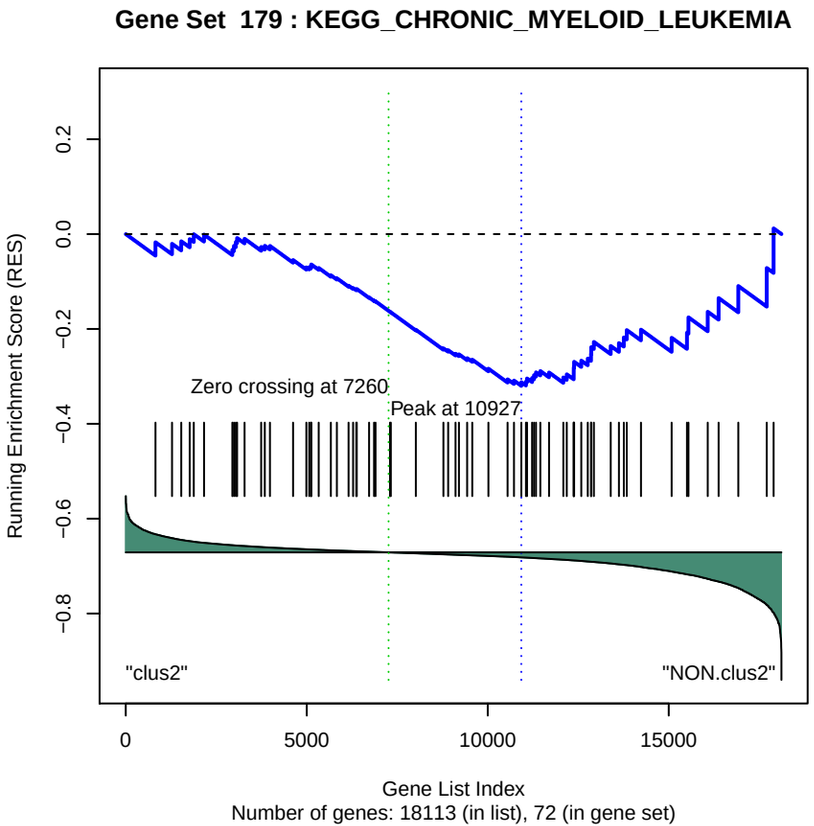
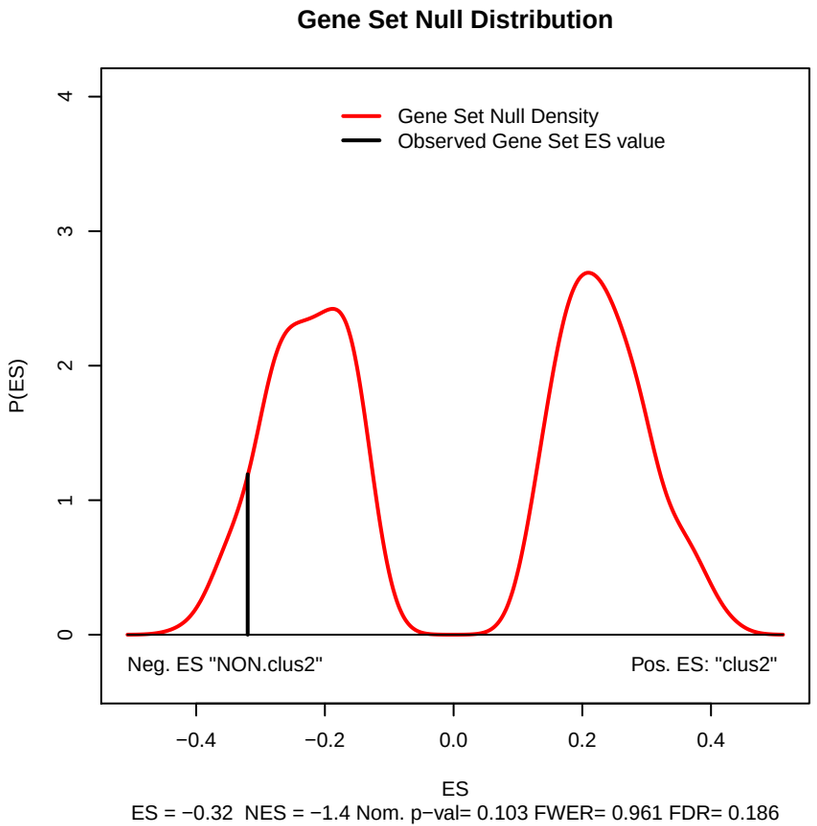
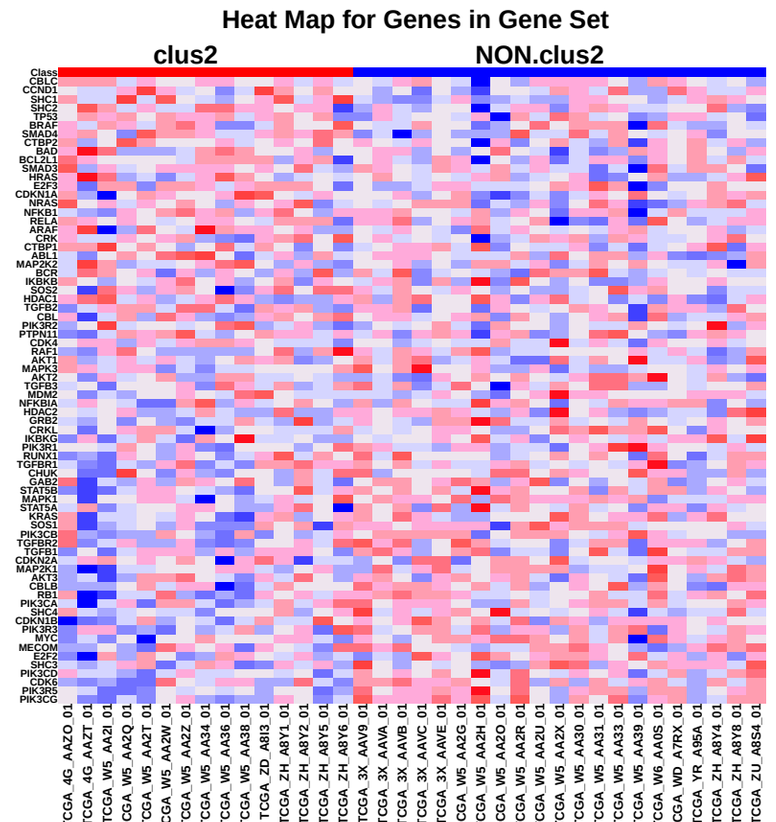

Gene Set 179 : KEGG_CHRONIC_MYELOID_LEUKEMIA
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
Zero crossing at 7260
Peak at 10927
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 72 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.4
−0.2
0.0
0.2
0.4
ES
ES = −0.32 NES = −1.4 Nom. p−val= 0.103 FWER= 0.961 FDR= 0.186


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
CBLC
CCND1
SHC1
SHC2
TP53
BRAF
SMAD4
CTBP2
BAD
BCL2L1
SMAD3
HRAS
E2F3
CDKN1A
NRAS
NFKB1
RELA
ARAF
CRK
CTBP1
ABL1
MAP2K2
BCR
IKBKB
SOS2
HDAC1
TGFB2
CBL
PIK3R2
PTPN11
CDK4
RAF1
AKT1
MAPK3
AKT2
TGFB3
MDM2
NFKBIA
HDAC2
GRB2
CRKL
IKBKG
PIK3R1
RUNX1
TGFBR1
CHUK
GAB2
STAT5B
MAPK1
STAT5A
KRAS
SOS1
PIK3CB
TGFBR2
TGFB1
CDKN2A
MAP2K1
AKT3
CBLB
RB1
PIK3CA
SHC4
CDKN1B
PIK3R3
MYC
MECOM
E2F2
SHC3
PIK3CD
CDK6
PIK3R5
PIK3CG
TCGA_4G_AA2O_01
TCGA_4G_AA2T_01
TCGA_W5_AA2I_01
TCGA_W5_AA2Q_01
TCGA_W5_AA2T_01
TCGA_W5_AA2W_01
TCGA_W5_AA2Z_01
TCGA_W5_AA34_01
TCGA_W5_AA36_01
TCGA_W5_AA38_01
TCGA_ZD_A8I3_01
TCGA_ZH_A8Y1_01
TCGA_ZH_A8Y2_01
TCGA_ZH_A8Y5_01
TCGA_ZH_A8Y6_01
TCGA_3X_AAV9_01
TCGA_3X_AAVA_01
TCGA_3X_AAVB_01
TCGA_3X_AAVC_01
TCGA_3X_AAVE_01
TCGA_W5_AA2G_01
TCGA_W5_AA2H_01
TCGA_W5_AA2O_01
TCGA_W5_AA2R_01
TCGA_W5_AA2U_01
TCGA_W5_AA2X_01
TCGA_W5_AA30_01
TCGA_W5_AA31_01
TCGA_W5_AA33_01
TCGA_W5_AA39_01
TCGA_W6_AA0S_01
TCGA_WD_A7RX_01
TCGA_YR_A95A_01
TCGA_ZH_A8Y4_01
TCGA_ZH_A8Y8_01
TCGA_ZU_A8S4_01