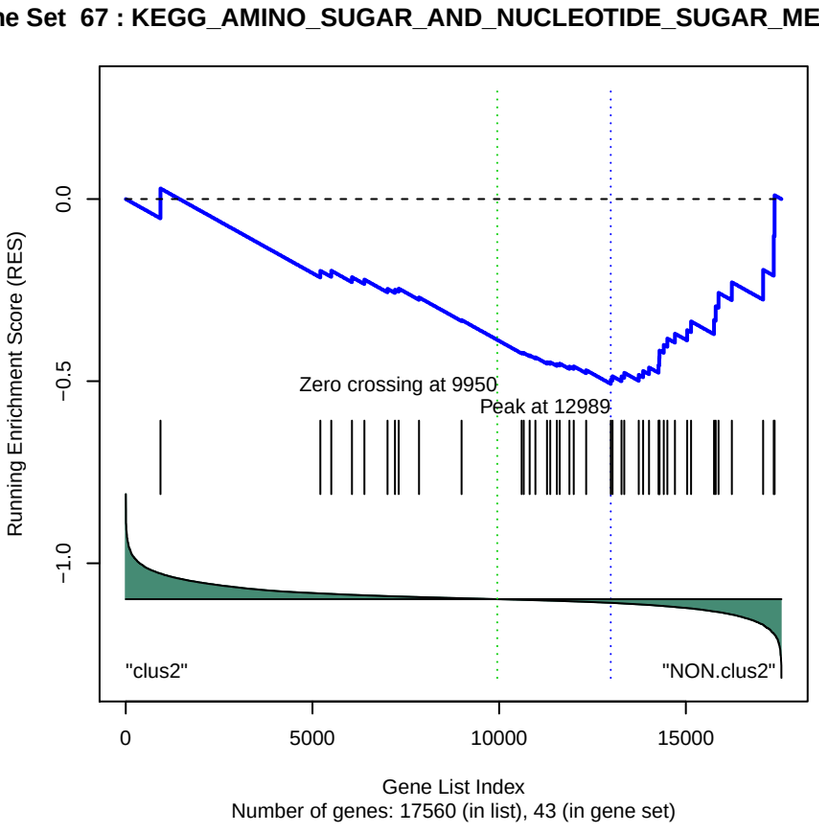
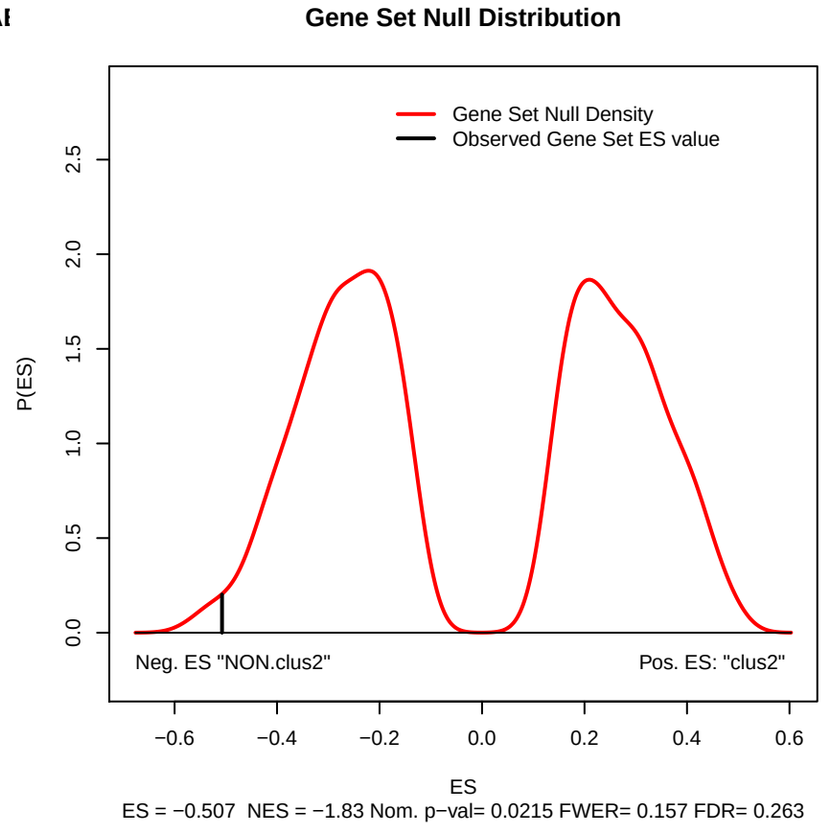
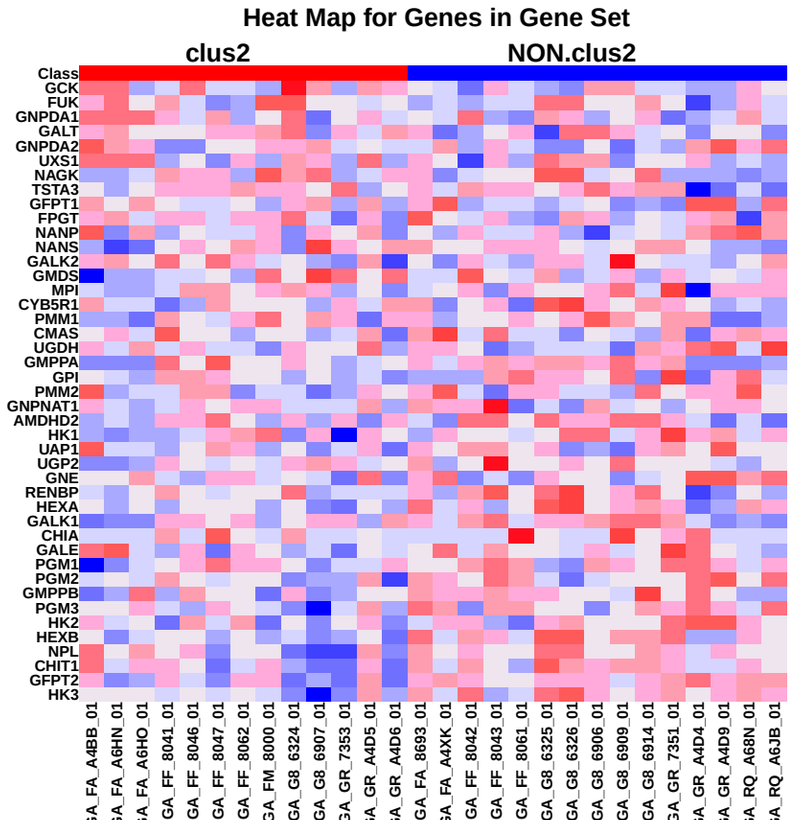

e Set 67 : KEGG_AMINO_SUGAR_AND_NUCLEOTIDE_SUGAR_METAI
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 9950
Peak at 12989
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17560 (in list), 43 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.507 NES = −1.83 Nom. p−val= 0.0215 FWER= 0.157 FDR= 0.263


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
GCK
FUK
GNPDA1
GALT
GNPDA2
UXS1
NAGK
TSTA3
GFPT1
FPGT
NANP
NANS
GALK2
GMDS
MPI
CYB5R1
PMM1
CMAS
UGDH
GMPPA
GPI
PMM2
GNPNAT1
AMDHD2
HK1
UAP1
UGP2
GNE
RENBP
HEXA
GALK1
CHIA
GALE
PGM1
PGM2
GMPPB
PGM3
HK2
HEXB
NPL
CHIT1
GFPT2
HK3
TCGA_FA_A4BB_01
TCGA_FA_A6HN_01
TCGA_FA_A6HO_01
TCGA_FF_8041_01
TCGA_FF_8046_01
TCGA_FF_8047_01
TCGA_FF_8062_01
TCGA_FM_8000_01
TCGA_G8_6324_01
TCGA_G8_6907_01
TCGA_GR_7353_01
TCGA_GR_A4D5_01
TCGA_GR_A4D6_01
TCGA_FA_8693_01
TCGA_FA_A4XK_01
TCGA_FF_8042_01
TCGA_FF_8043_01
TCGA_FF_8061_01
TCGA_G8_6325_01
TCGA_G8_6326_01
TCGA_G8_6906_01
TCGA_G8_6909_01
TCGA_G8_6914_01
TCGA_GR_7351_01
TCGA_GR_A4D4_01
TCGA_GR_A4D9_01
TCGA_RQ_A68N_01
TCGA_RQ_A6JB_01