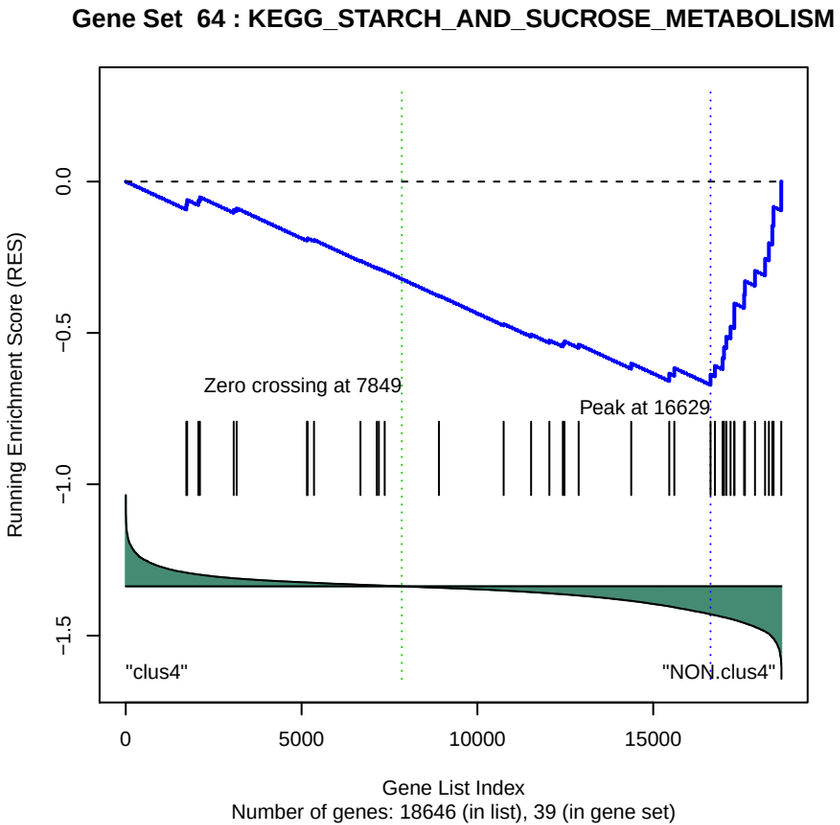
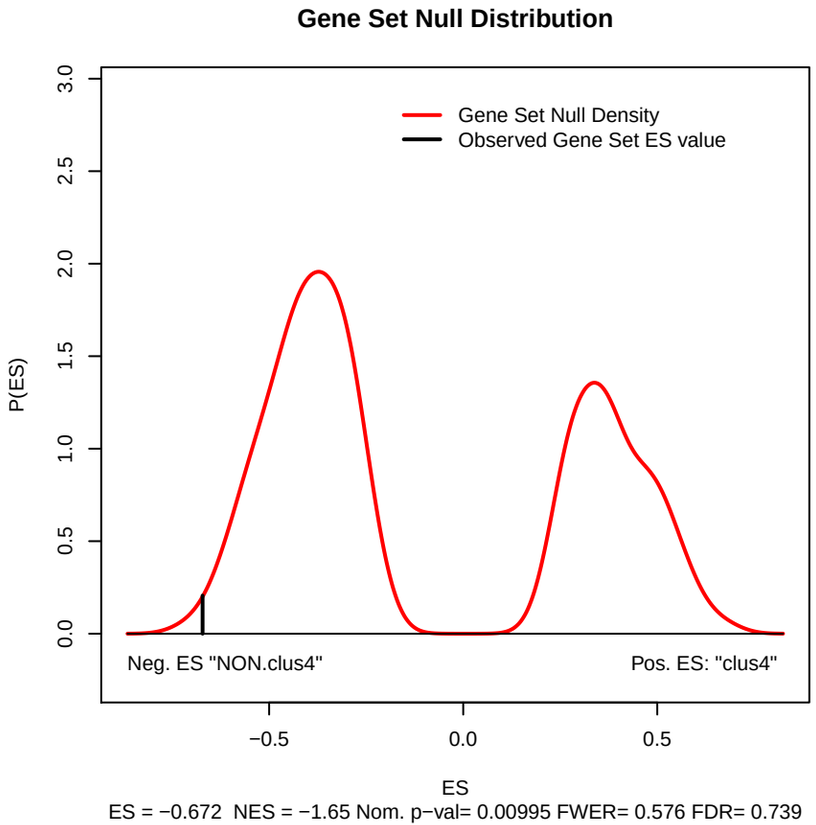
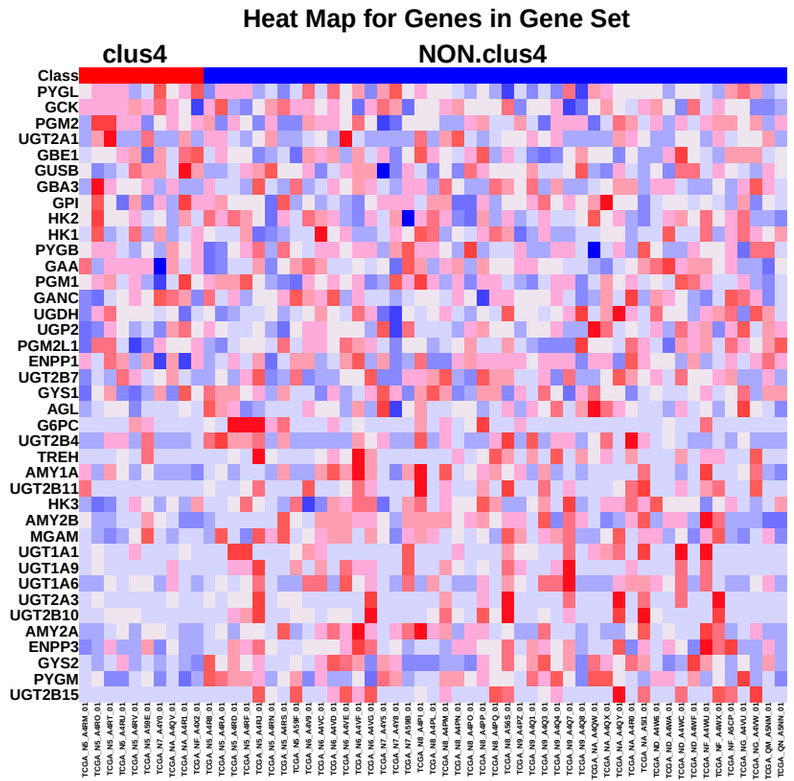

Gene Set 64 : KEGG_STARCH_AND_SUCROSE_METABOLISM
Running Enrichment Score (RES)
0.0
−0.5
−1.0
−1.5
Zero crossing at 7849
Peak at 16629
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 39 (in gene set)


Gene Set Null Distribution
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.5
0.0
0.5
ES
ES = −0.672 NES = −1.65 Nom. p−val= 0.00995 FWER= 0.576 FDR= 0.739


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
PYGL
GCK
PGM2
UGT2A1
GBE1
GUSB
GBA3
GPI
HK2
HK1
PYGB
GAA
PGM1
GANC
UGDH
UGP2
PGM2L1
ENPP1
UGT2B7
GYS1
AGL
G6PC
UGT2B4
TREH
AMY1A
UGT2B11
HK3
AMY2B
MGAM
UGT1A1
UGT1A9
UGT1A6
UGT2A3
UGT2B10
AMY2A
ENPP3
GYS2
PYGM
UGT2B15