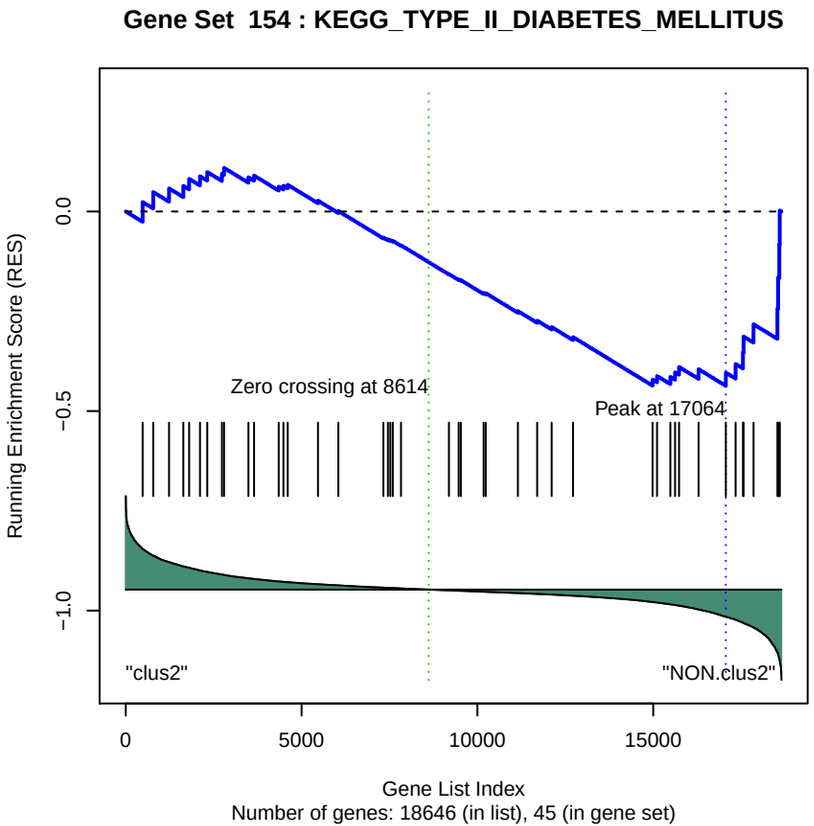
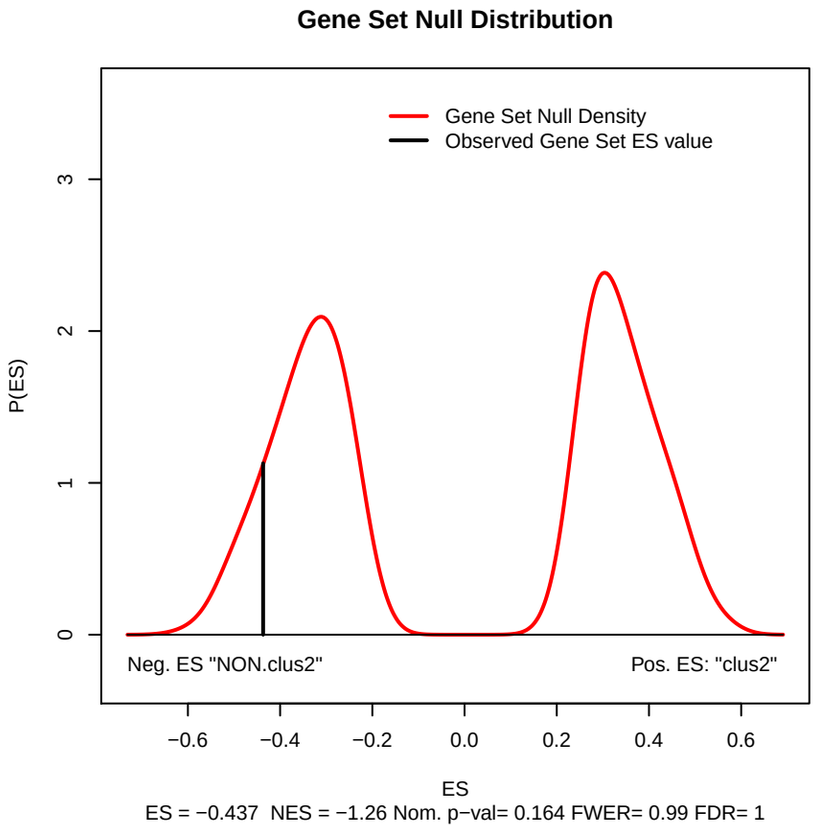
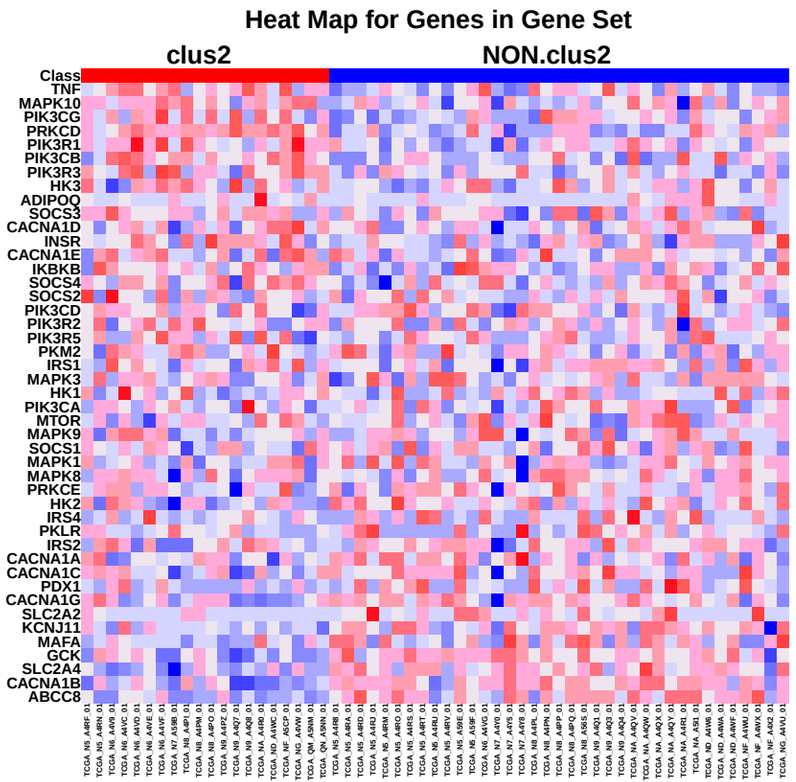

Gene Set 154 : KEGG_TYPE_II_DIABETES_MELLITUS
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 8614
Peak at 17064
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 45 (in gene set)


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 = −0.437 NES = −1.26 Nom. p−val= 0.164 FWER= 0.99 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
TNF
MAPK10
PIK3CG
PRKCD
PIK3R1
PIK3CB
PIK3R3
HK3
ADIPOQ
SOCS3
CACNA1D
INSR
CACNA1E
IKBKB
SOCS4
SOCS2
PIK3CD
PIK3R2
PIK3R5
PKM2
IRS1
MAPK3
HK1
PIK3CA
MTOR
MAPK9
SOCS1
MAPK1
MAPK8
PRKCE
HK2
IRS4
PKLR
IRS2
CACNA1A
CACNA1C
PDX1
CACNA1G
SLC2A2
KCNJ11
MAFA
GCK
SLC2A4
CACNA1B
ABCC8