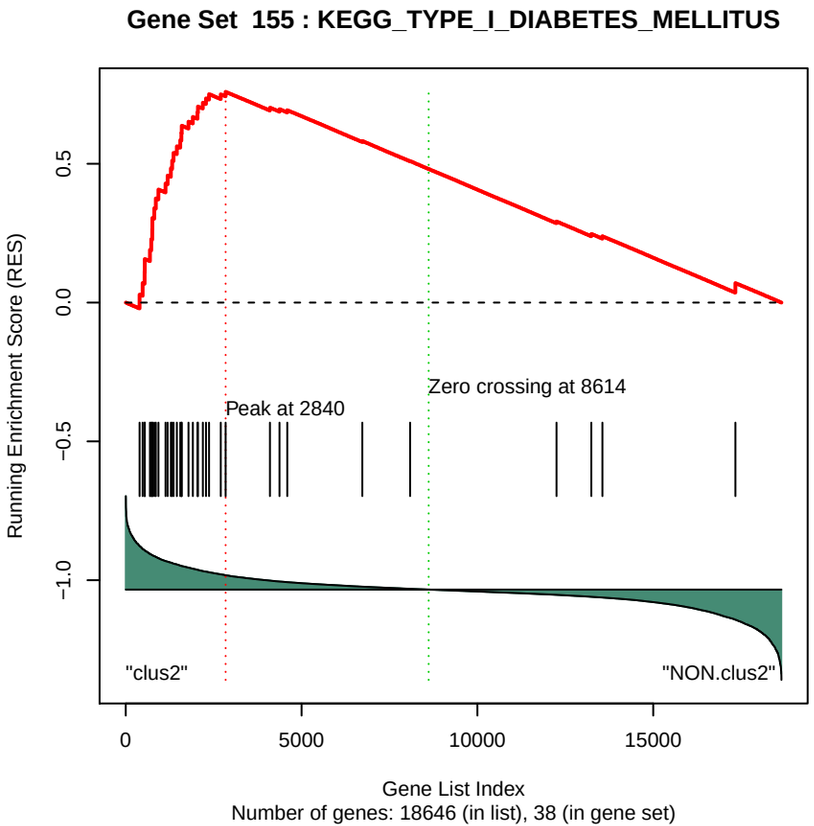
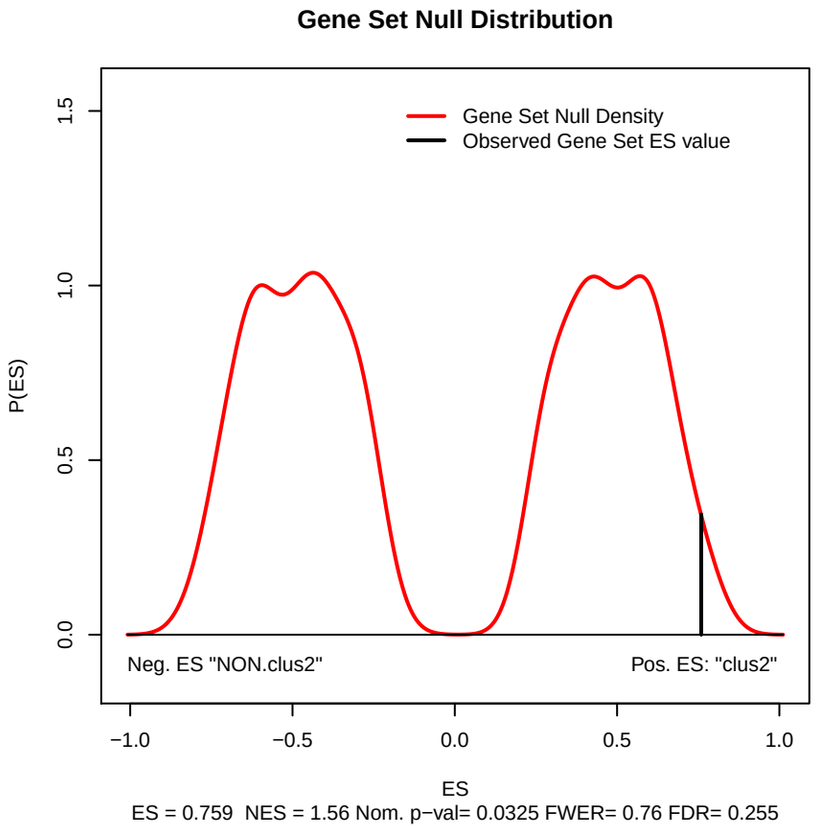
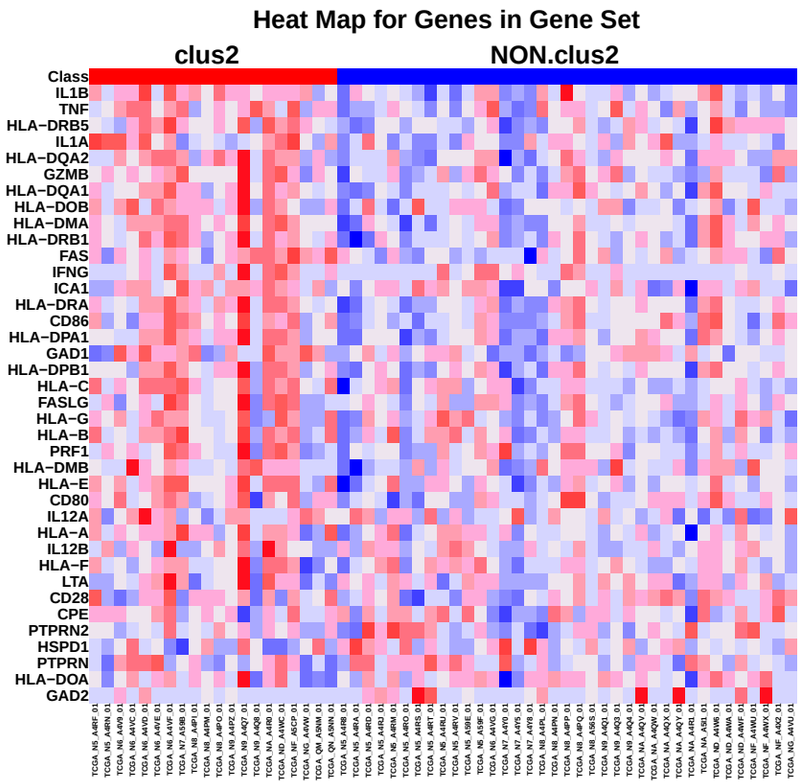

Gene Set 155 : KEGG_TYPE_I_DIABETES_MELLITUS
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2840
Zero crossing at 8614
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 38 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
1.5
1.0
0.5
0.0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−1.0
−0.5
0.0
0.5
1.0
ES
ES = 0.759 NES = 1.56 Nom. p−val= 0.0325 FWER= 0.76 FDR= 0.255


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
IL1B
TNF
HLA−DRB5
IL1A
HLA−DQA2
GZMB
HLA−DQA1
HLA−DOB
HLA−DMA
HLA−DRB1
FAS
IFNG
ICA1
HLA−DRA
CD86
HLA−DPA1
GAD1
HLA−DPB1
HLA−C
FASLG
HLA−G
HLA−B
PRF1
HLA−DMB
HLA−E
CD80
IL12A
HLA−A
IL12B
HLA−F
LTA
CD28
CPE
PTPRN2
HSPD1
PTPRN
HLA−DOA
GAD2