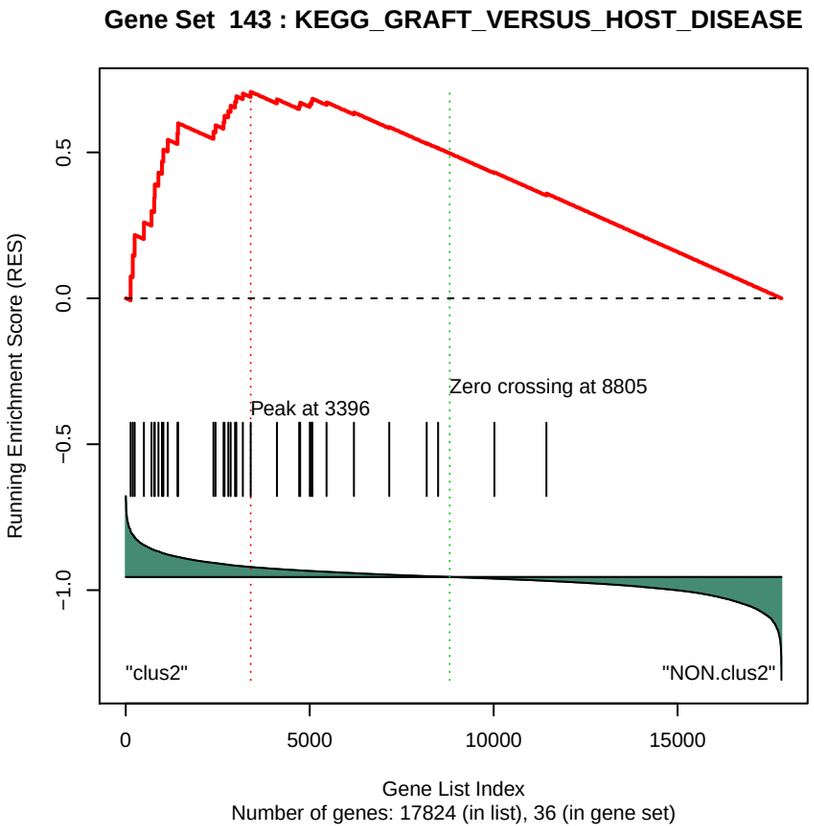
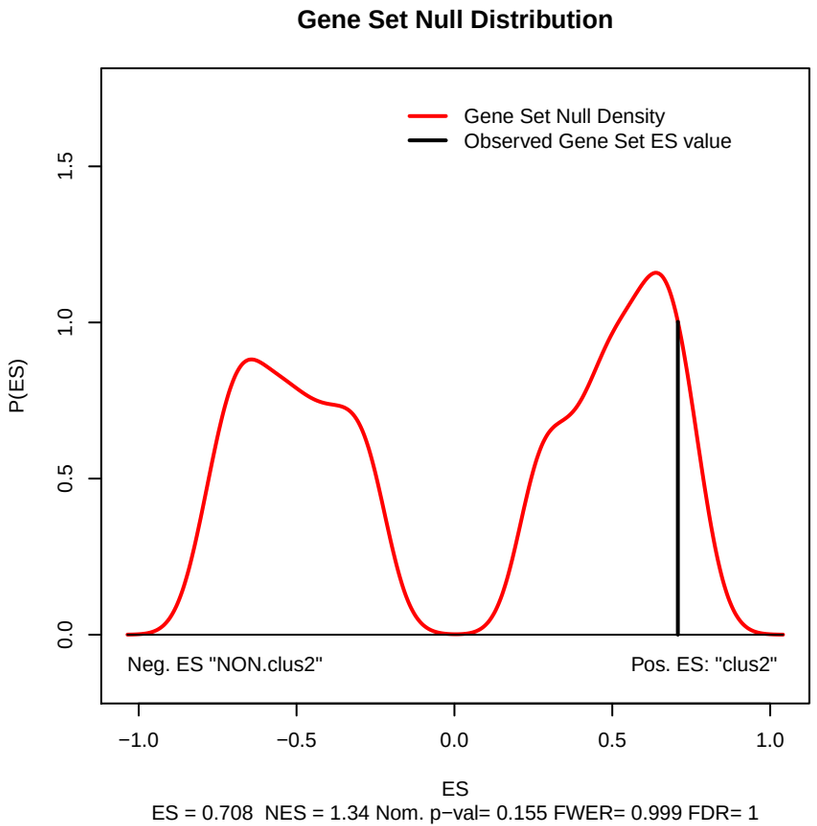
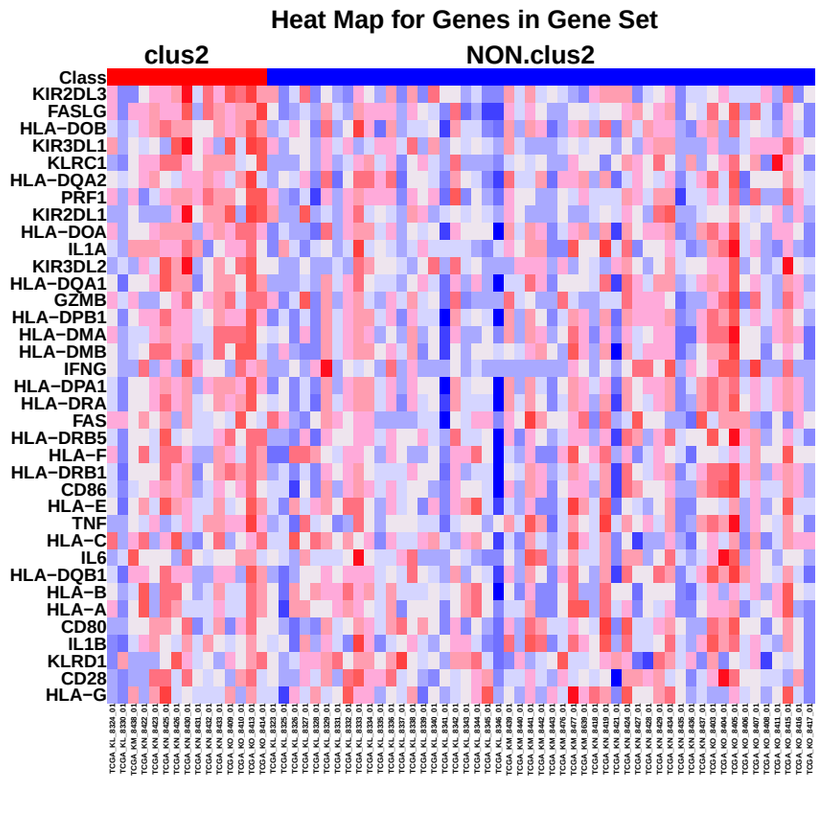

Gene Set 143 : KEGG_GRAFT_VERSUS_HOST_DISEASE
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3396
Zero crossing at 8805
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 36 (in gene set)


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 = 0.708 NES = 1.34 Nom. p−val= 0.155 FWER= 0.999 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
KIR2DL3
FASLG
HLA−DOB
KIR3DL1
KLRC1
HLA−DQA2
PRF1
KIR2DL1
HLA−DOA
IL1A
KIR3DL2
HLA−DQA1
GZMB
HLA−DPB1
HLA−DMA
HLA−DMB
IFNG
HLA−DPA1
HLA−DRA
FAS
HLA−DRB5
HLA−F
HLA−DRB1
CD86
HLA−E
TNF
HLA−C
IL6
HLA−DQB1
HLA−B
HLA−A
CD80
IL1B
KLRD1
CD28
HLA−G