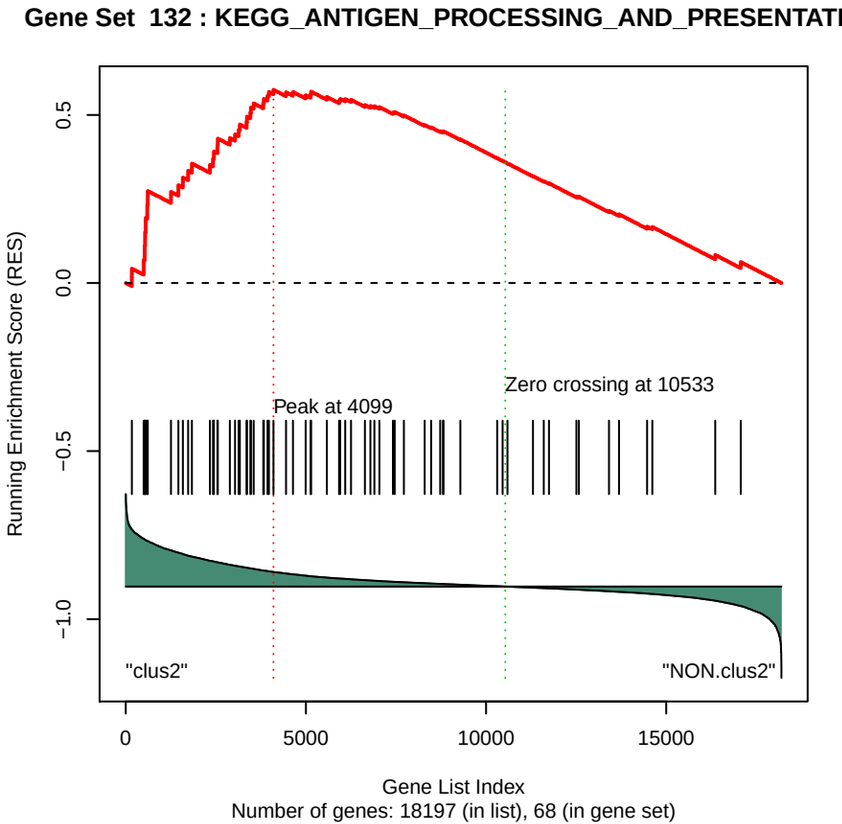
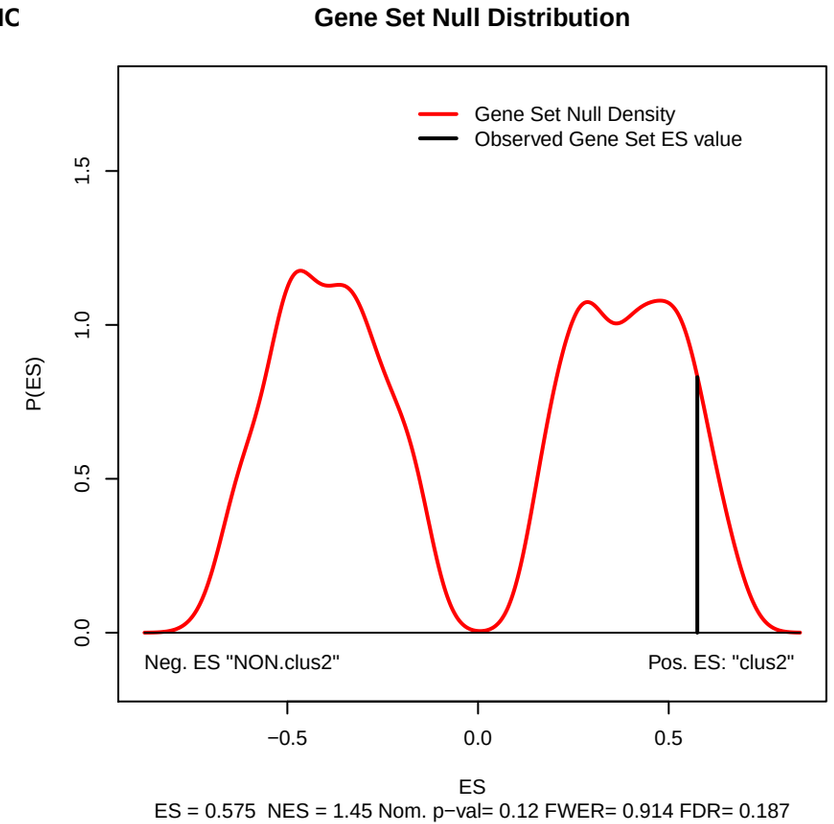
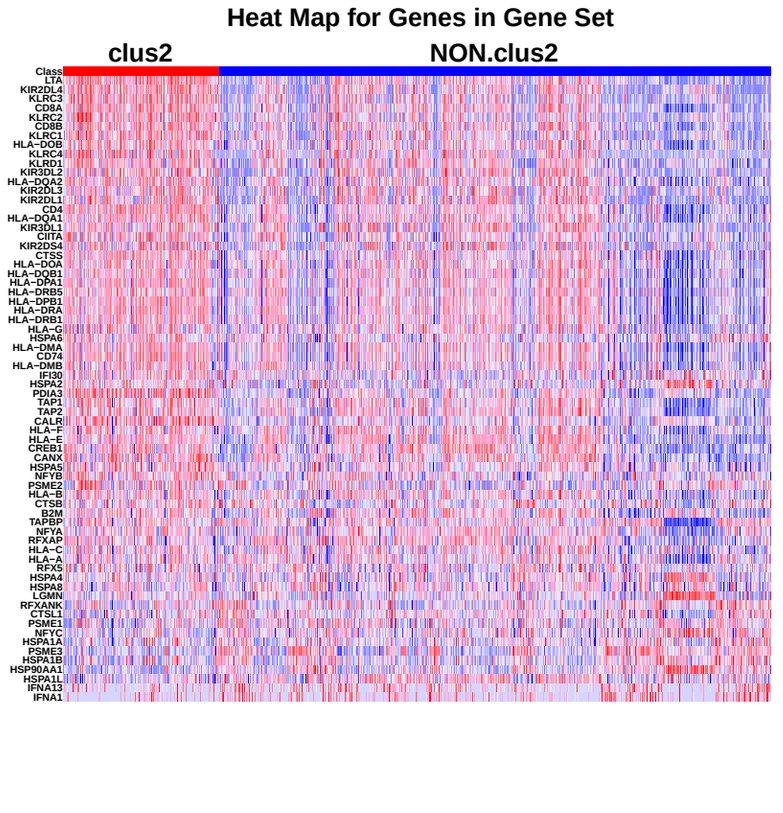

Gene Set 132 : KEGG_ANTIGEN_PROCESSING_AND_PRESENTATIC
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4099
Zero crossing at 10533
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18197 (in list), 68 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.575 NES = 1.45 Nom. p−val= 0.12 FWER= 0.914 FDR= 0.187


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
LTA
KIR2DL4
KLRC3
CD8A
KLRC2
CD8B
KLRC1
HLA−DOB
KLRC4
KLRD1
KIR3DL2
HLA−DQA2
KIR2DL3
KIR2DL1
CD4
HLA−DQA1
KIR3DL1
CIITA
KIR2DS4
CTSS
HLA−DOA
HLA−DQB1
HLA−DPA1
HLA−DRB5
HLA−DPB1
HLA−DRA
HLA−DRB1
HLA−G
HSPA6
HLA−DMA
CD74
HLA−DMB
IFI30
HSPA2
PDIA3
TAP1
TAP2
CALR
HLA−F
HLA−E
CREB1
CANX
HSPA5
NFYB
PSME2
HLA−B
CTSB
B2M
TAPBP
NFYA
RFXAP
HLA−C
HLA−A
RFX5
HSPA4
HSPA8
LGMN
RFXANK
CTSL1
PSME1
NFYC
HSPA1A
PSME3
HSPA1B
HSP90AA1
HSPA1L
IFNA13
IFNA1