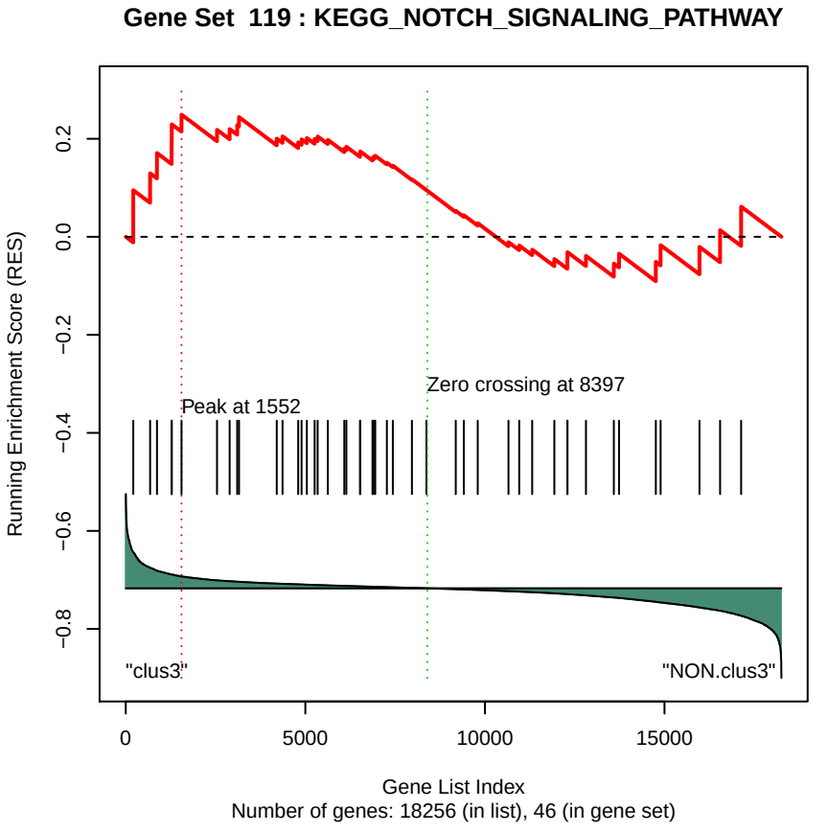
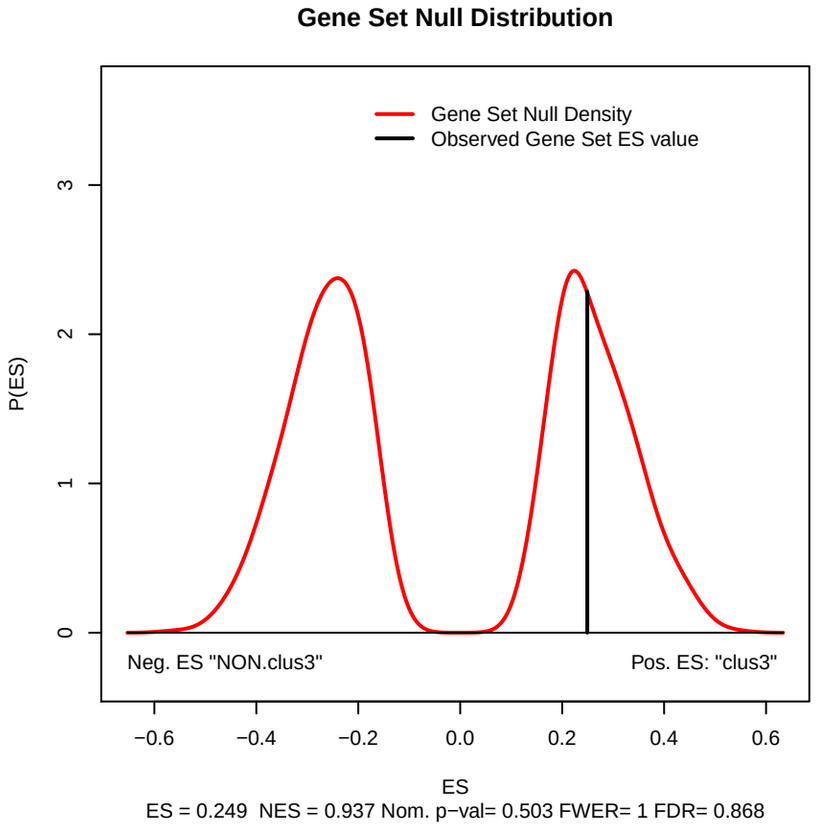
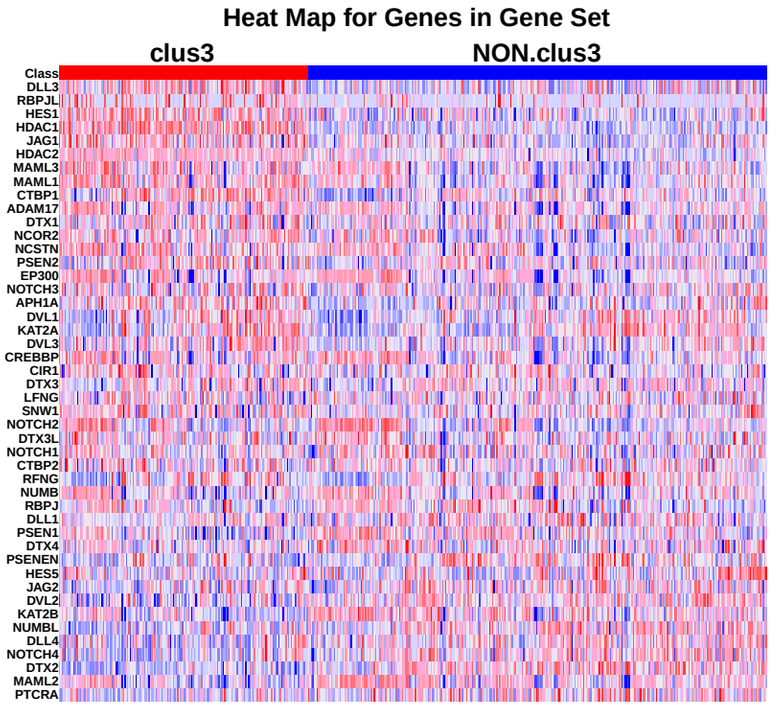

Gene Set 119 : KEGG_NOTCH_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
Peak at 1552
Zero crossing at 8397
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18256 (in list), 46 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3
2
1
0
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.249 NES = 0.937 Nom. p−val= 0.503 FWER= 1 FDR= 0.868


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
DLL3
RBPJL
HES1
HDAC1
JAG1
HDAC2
MAML3
MAML1
CTBP1
ADAM17
DTX1
NCOR2
NCSTN
PSEN2
EP300
NOTCH3
APH1A
DVL1
KAT2A
DVL3
CREBBP
CIR1
DTX3
LFNG
SNW1
NOTCH2
DTX3L
NOTCH1
CTBP2
RFNG
NUMB
RBPJ
DLL1
PSEN1
DTX4
PSENEN
HES5
JAG2
DVL2
KAT2B
NUMBL
DLL4
NOTCH4
DTX2
MAML2
PTCRA