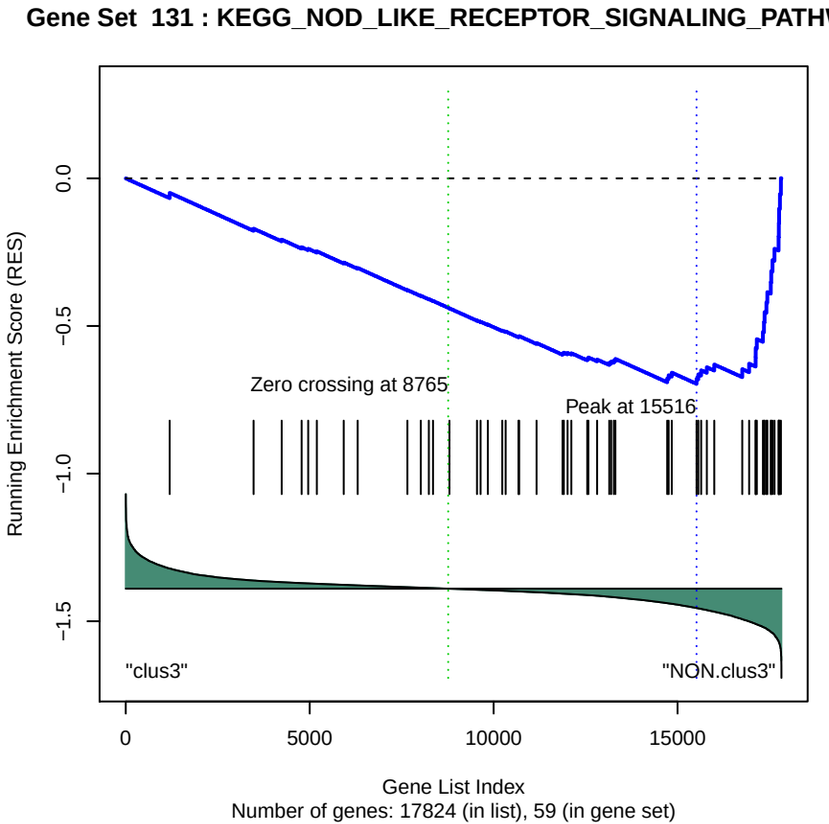
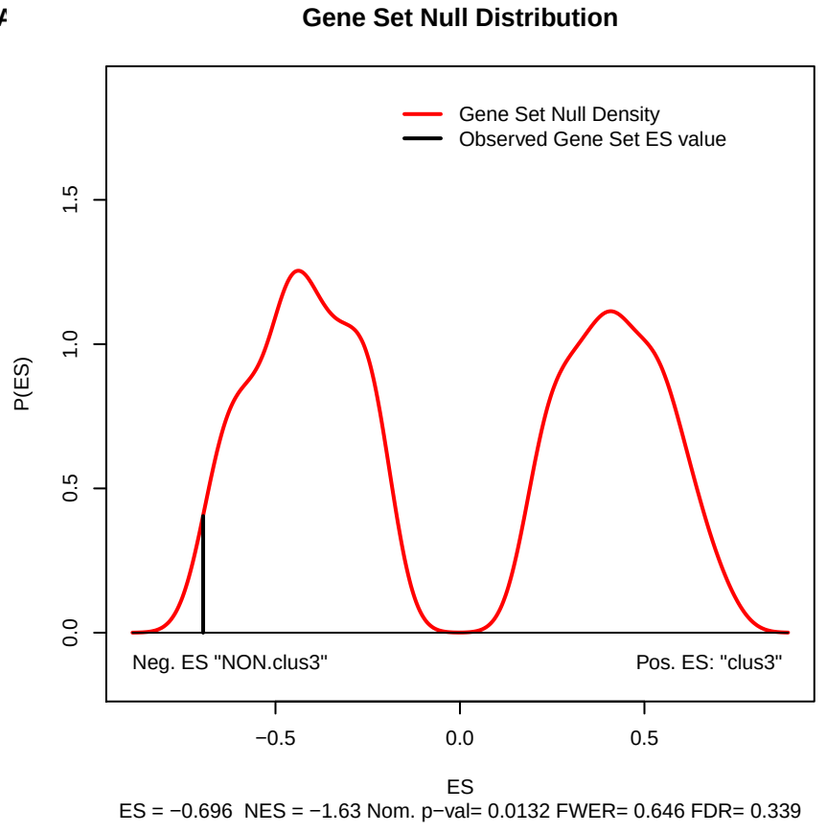
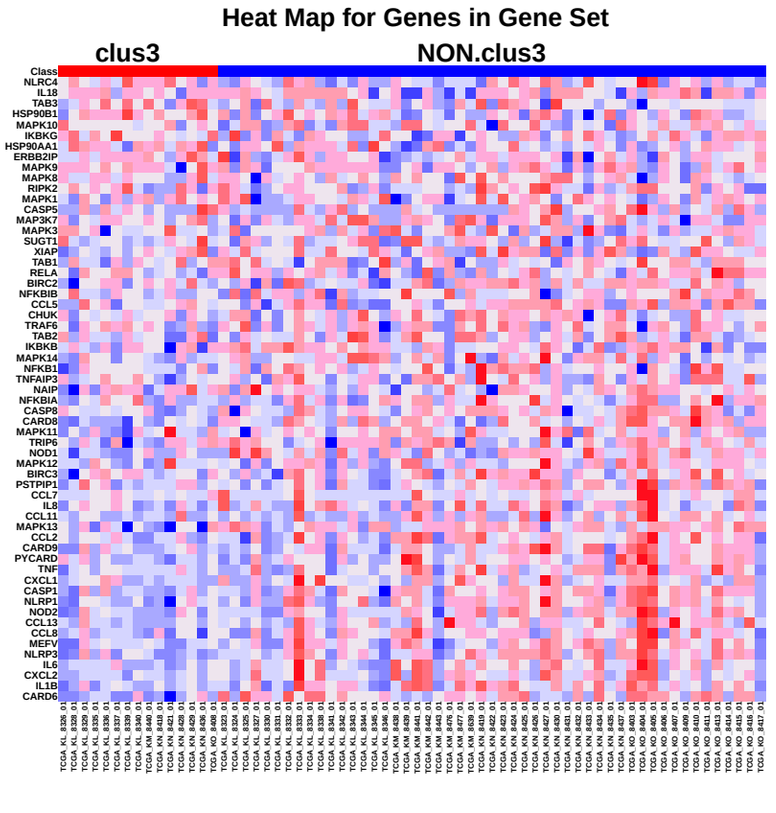

Gene Set 131 : KEGG_NOD_LIKE_RECEPTOR_SIGNALING_PATHWA
Running Enrichment Score (RES)
0.0
−0.5
−1.0
−1.5
Zero crossing at 8765
Peak at 15516
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 59 (in gene set)


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.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = −0.696 NES = −1.63 Nom. p−val= 0.0132 FWER= 0.646 FDR= 0.339


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
NLRC4
IL18
TAB3
HSP90B1
MAPK10
IKBKG
HSP90AA1
ERBB2IP
MAPK9
MAPK8
RIPK2
MAPK1
CASP5
MAP3K7
MAPK3
SUGT1
XIAP
TAB1
RELA
BIRC2
NFKBIB
CCL5
CHUK
TRAF6
TAB2
IKBKB
MAPK14
NFKB1
TNFAIP3
NAIP
NFKBIA
CASP8
CARD8
MAPK11
TRIP6
NOD1
MAPK12
BIRC3
PSTPIP1
CCL7
IL8
CCL11
MAPK13
CCL2
CARD9
PYCARD
TNF
CXCL1
CASP1
NLRP1
NOD2
CCL13
CCL8
MEFV
NLRP3
IL6
CXCL2
IL1B
CARD6