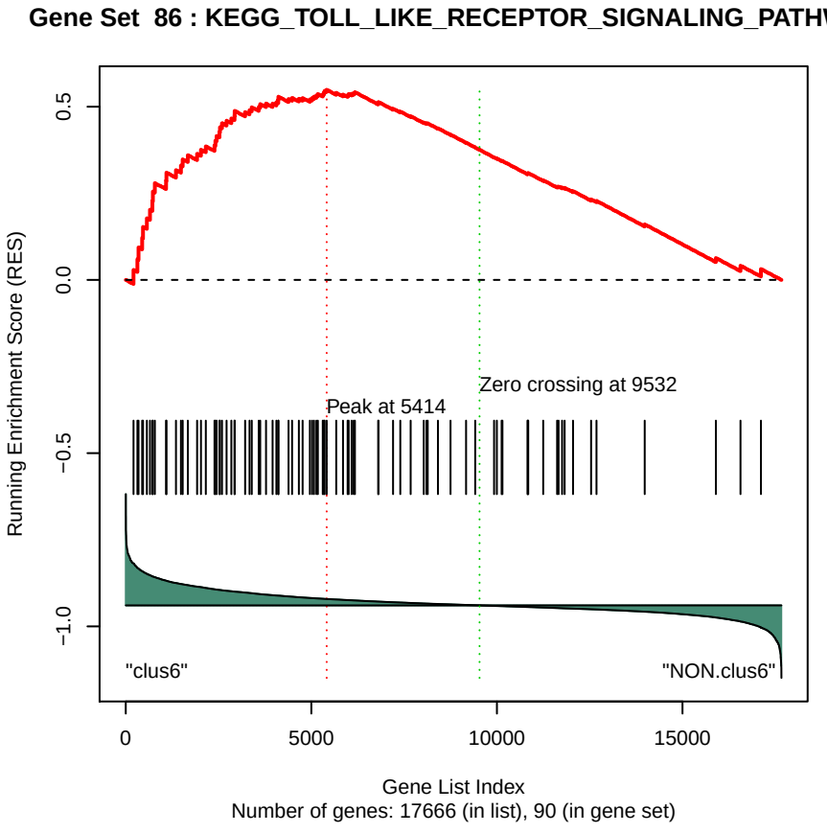
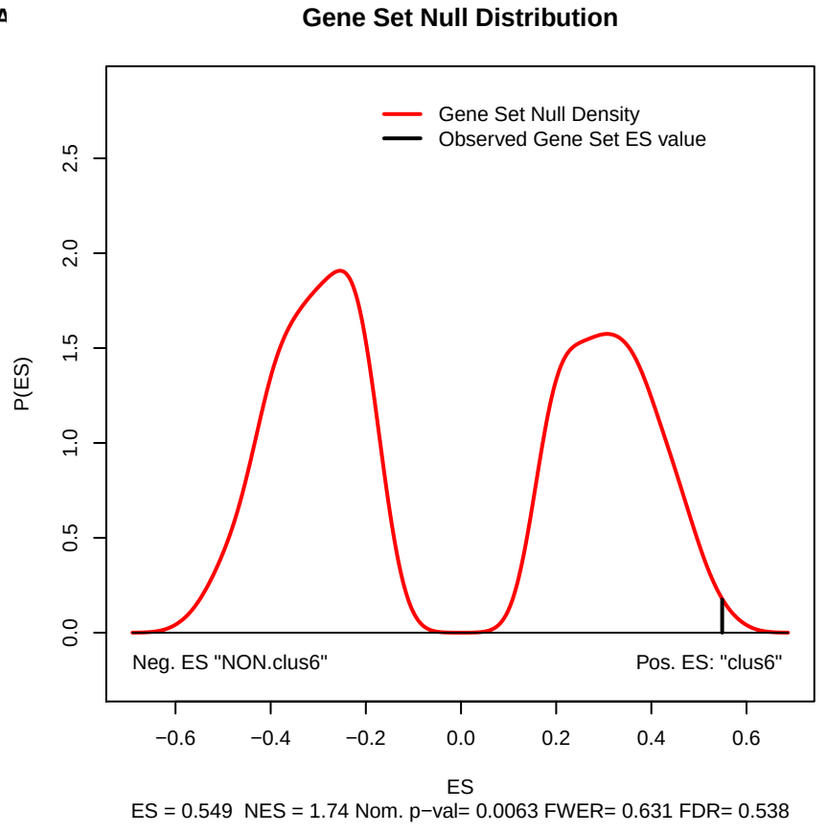
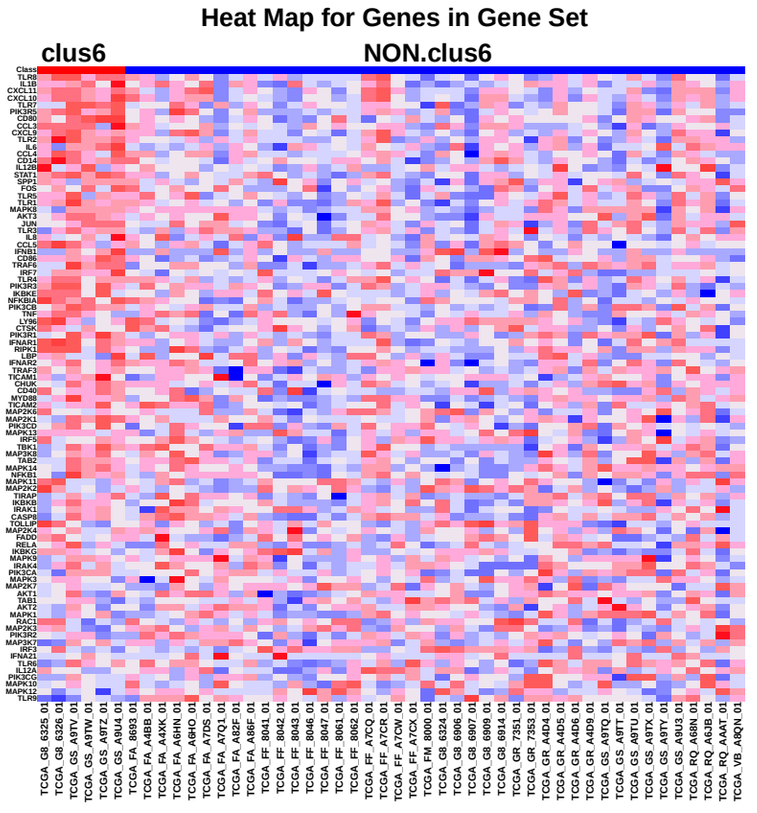

Gene Set 86 : KEGG_TOLL_LIKE_RECEPTOR_SIGNALING_PATHWA
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 5414
Zero crossing at 9532
"clus6"
"NON.clus6"
0
5000
10000
15000
Gene List Index
Number of genes: 17666 (in list), 90 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0.0
0.5
1.0
1.5
2.0
2.5
Neg. ES "NON.clus6"
Pos. ES: "clus6"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.549 NES = 1.74 Nom. p−val= 0.0063 FWER= 0.631 FDR= 0.538


Heat Map for Genes in Gene Set
clus6
NON.clus6
Class
TLR8
IL1B
CXCL11
CXCL10
TLR7
PIK3R5
CD80
CCL3
CXCL9
TLR2
IL6
CCL4
CD14
IL12B
STAT1
SPP1
FOS
TLR5
TLR1
MAPK8
AKT3
JUN
TLR3
IL8
CCL5
IFNB1
CD86
TRAF6
IRF7
TLR4
PIK3R3
IKBKE
NFKBIA
PIK3CB
TNF
LY96
CTSK
PIK3R1
IFNAR1
RIPK1
LBP
IFNAR2
TRAF3
TICAM1
CHUK
CD40
MYD88
TICAM2
MAP2K6
MAP2K1
PIK3CD
MAPK13
IRF5
TBK1
MAP3K8
TAB2
MAPK14
NFKB1
MAPK12
MAP2K2
TIRAP
IKBKB
IRAK1
CASP8
TOLLIP
MAP2K4
FADD
RELA
MAPK9
MAPK3
IRAK4
PIK3CA
MAPK1
MAP2K7
AKT1
TAB1
AKT2
MAPK11
MAP2K3
PIK3R2
MAP3K7
JUND
IFNA2
TLR6
IL12A
PIK3CG
MAPK10
MAPK12
TLR9
TCGA_G8_6325_01
TCGA_G8_6326_01
TCGA_GS_A9TV_01
TCGA_GS_A9TW_01
TCGA_GS_A9TZ_01
TCGA_GS_A9U4_01
TCGA_FA_8693_01
TCGA_FA_A4BB_01
TCGA_FA_A4XK_01
TCGA_FA_A6HN_01
TCGA_FA_A6HO_01
TCGA_FA_A7DS_01
TCGA_FA_A7Q1_01
TCGA_FA_A8EF_01
TCGA_FA_A8SF_01
TCGA_FF_8041_01
TCGA_FF_8042_01
TCGA_FF_8043_01
TCGA_FF_8046_01
TCGA_FF_8047_01
TCGA_FF_8061_01
TCGA_FF_8062_01
TCGA_FF_A7CQ_01
TCGA_FF_A7CR_01
TCGA_FF_A7CW_01
TCGA_FM_8000_01
TCGA_G8_6324_01
TCGA_G8_6907_01
TCGA_G8_6909_01
TCGA_G8_6914_01
TCGA_GR_7351_01
TCGA_GR_7353_01
TCGA_GR_A4D4_01
TCGA_GR_A4D5_01
TCGA_GR_A4D6_01
TCGA_GR_A4D9_01
TCGA_GS_A9TQ_01
TCGA_GS_A9TT_01
TCGA_GS_A9TU_01
TCGA_GS_A9TX_01
TCGA_GS_A9TY_01
TCGA_GS_A9U3_01
TCGA_RQ_A68N_01
TCGA_RQ_A6JB_01
TCGA_RQ_AAAT_01
TCGA_VB_A8QN_01