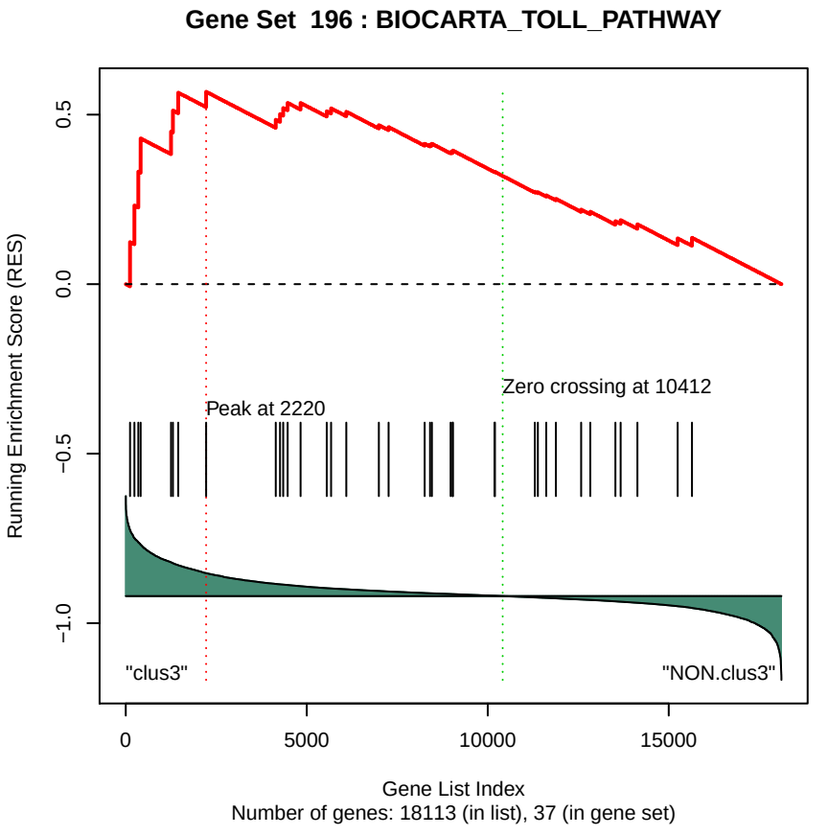
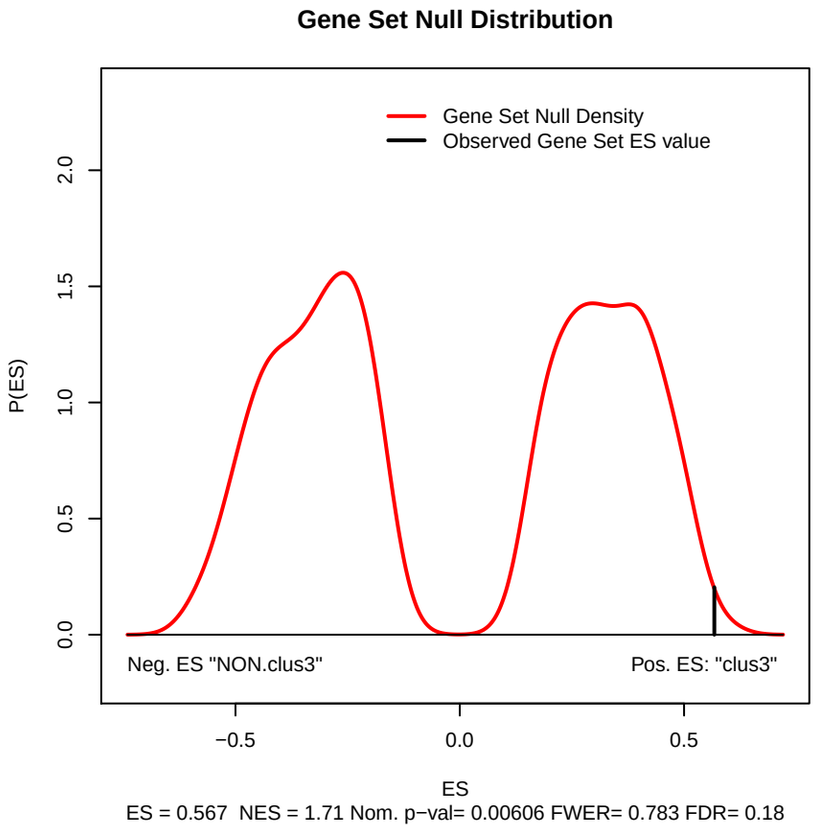
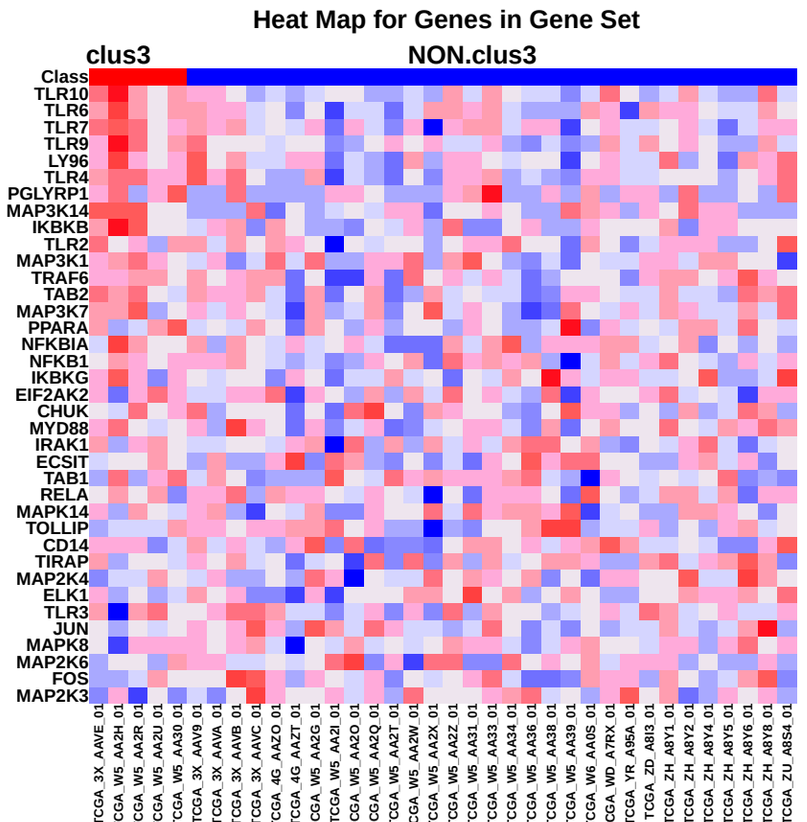

Gene Set 196 : BIOCARTA_TOLL_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2220
Zero crossing at 10412
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 37 (in gene set)


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
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.567 NES = 1.71 Nom. p−val= 0.00606 FWER= 0.783 FDR= 0.18


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
TLR10
TLR6
TLR7
TLR9
LY96
TLR4
PGLYRP1
MAP3K14
IKBKB
TLR2
MAP3K1
TRAF6
TAB2
MAP3K7
PPARA
NFKBIA
NFKB1
IKBKG
EIF2AK2
CHUK
MYD88
IRAK1
ECSIT
TAB1
RELA
MAPK14
TOLLIP
CD14
TIRAP
MAP2K4
ELK1
TLR3
JUN
MAPK8
MAP2K6
FOS
MAP2K3
TCGA_3X_AAVE_01
TCGA_W5_AA2H_01
TCGA_W5_AA2R_01
TCGA_W5_AA2U_01
TCGA_W5_AA30_01
TCGA_3X_AAV9_01
TCGA_3X_AAVA_01
TCGA_3X_AAVB_01
TCGA_3X_AAVC_01
TCGA_4G_AA2O_01
TCGA_4G_AA2T_01
TCGA_W5_AA2G_01
TCGA_W5_AA21_01
TCGA_W5_AA2O_01
TCGA_W5_AA2Q_01
TCGA_W5_AA2T_01
TCGA_W5_AA2W_01
TCGA_W5_AA2X_01
TCGA_W5_AA2Z_01
TCGA_W5_AA31_01
TCGA_W5_AA33_01
TCGA_W5_AA34_01
TCGA_W5_AA36_01
TCGA_W5_AA38_01
TCGA_W5_AA39_01
TCGA_W6_AA0S_01
TCGA_WD_A7RX_01
TCGA_YR_A95A_01
TCGA_ZD_A8I3_01
TCGA_ZH_A8Y1_01
TCGA_ZH_A8Y2_01
TCGA_ZH_A8Y4_01
TCGA_ZH_A8Y5_01
TCGA_ZH_A8Y6_01
TCGA_ZH_A8Y8_01
TCGA_ZU_A8S4_01