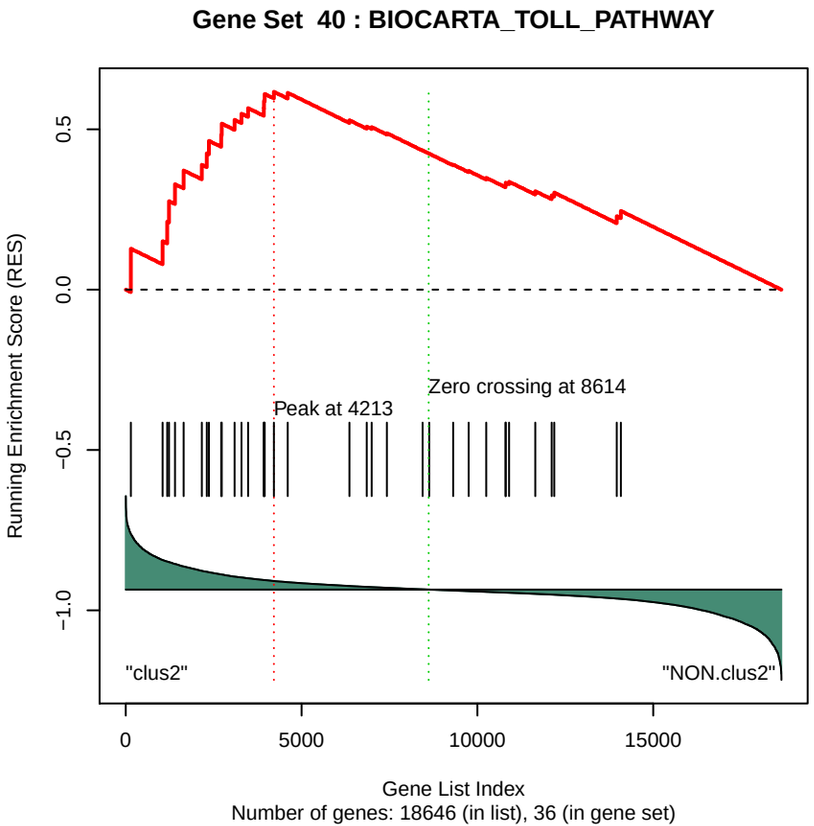
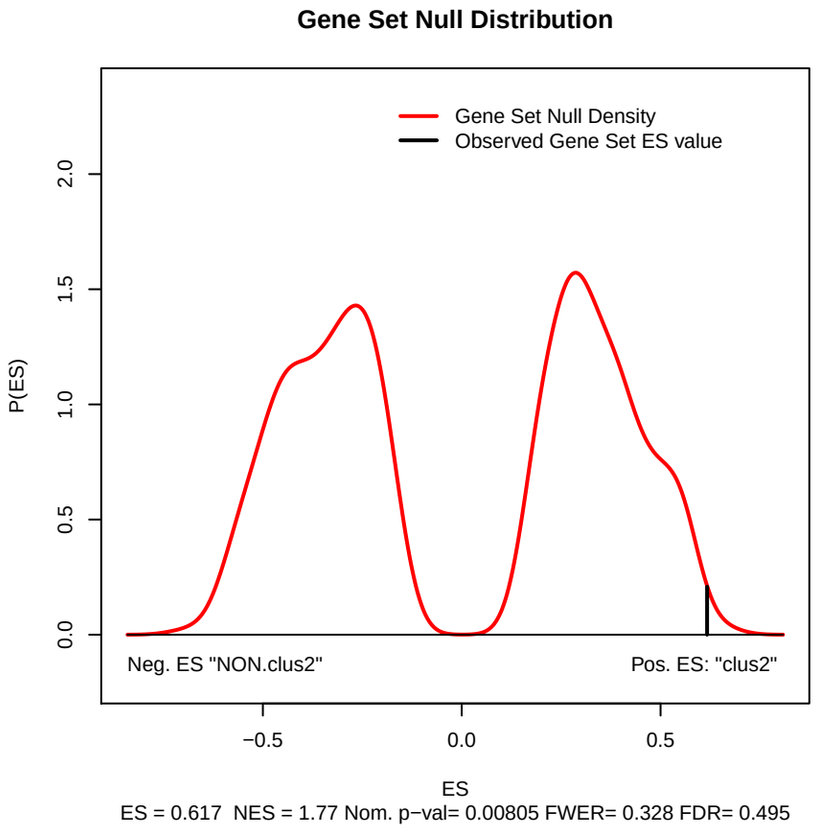
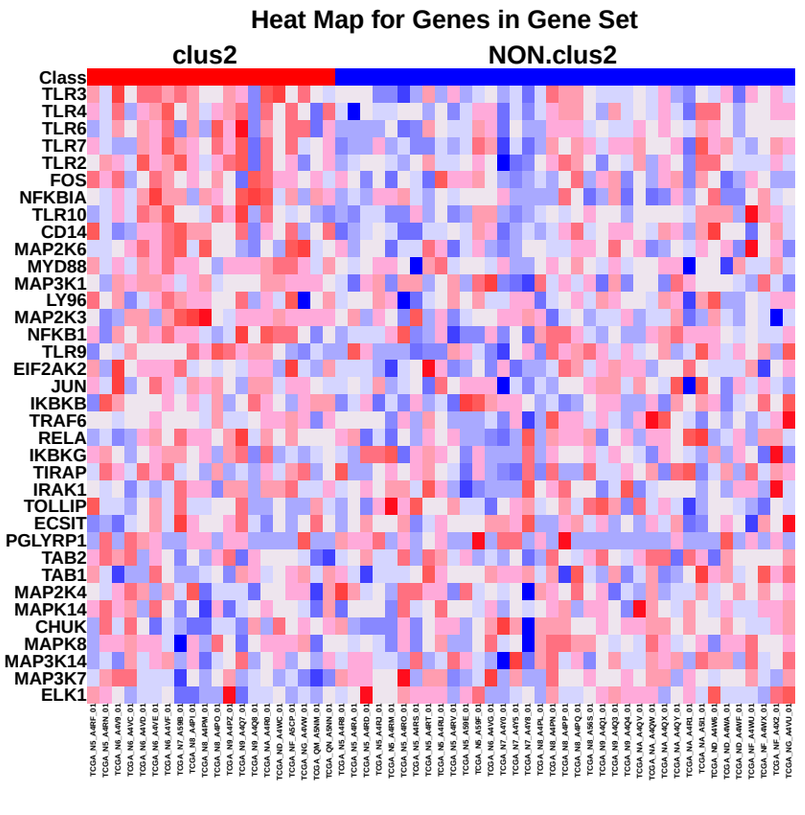

Gene Set 40 : BIOCARTA_TOLL_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4213
Zero crossing at 8614
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 36 (in gene set)


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.clus2"
Pos. ES: "clus2"
−0.5
0.0
0.5
ES
ES = 0.617 NES = 1.77 Nom. p−val= 0.00805 FWER= 0.328 FDR= 0.495


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
TLR3
TLR4
TLR6
TLR7
TLR2
FOS
NFKBIA
TLR10
CD14
MAP2K6
MYD88
MAP3K1
LY96
MAP2K3
NFKB1
TLR9
EIF2AK2
JUN
IKBKB
TRAF6
RELA
IKBKG
TIRAP
IRAK1
TOLLIP
ECSIT
PGLYRP1
TAB2
TAB1
MAP2K4
MAPK14
CHUK
MAPK8
MAP3K14
MAP3K7
ELK1