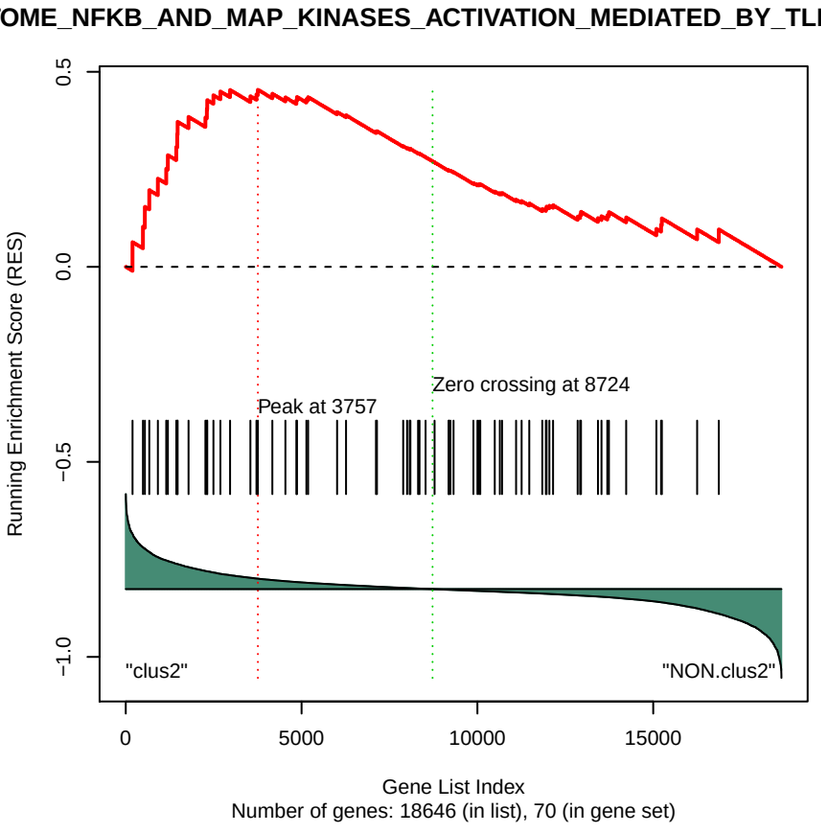
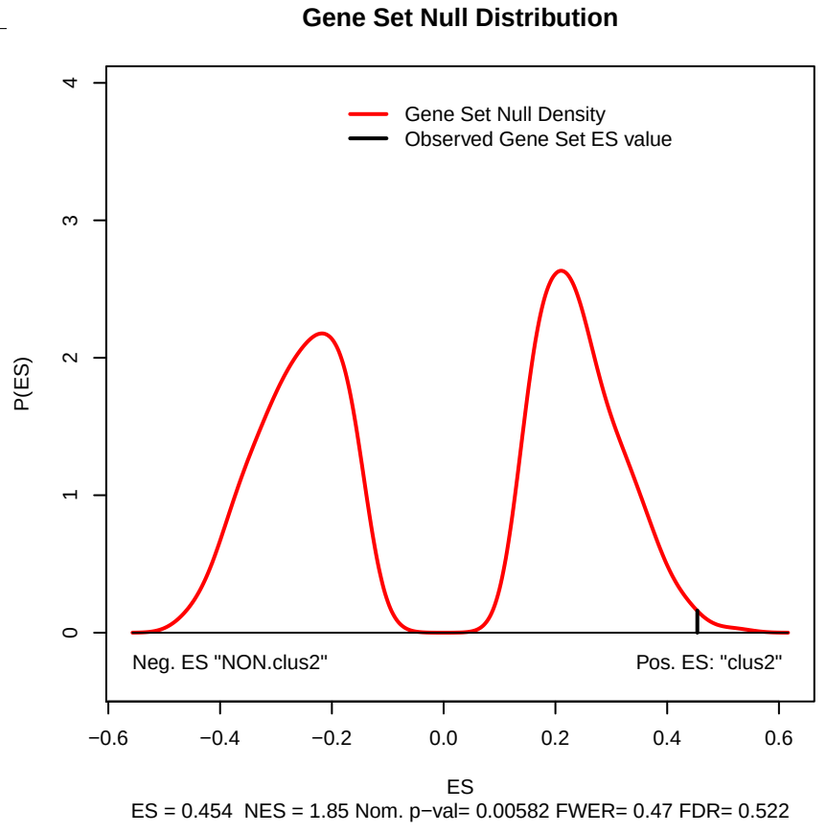
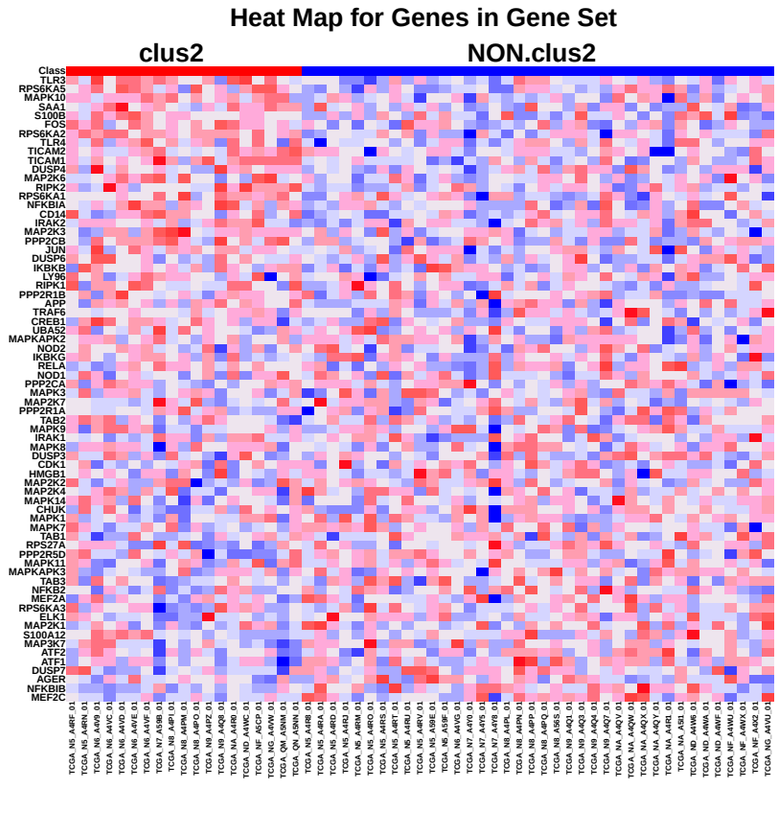

TOME_NFKB_AND_MAP_KINASES_ACTIVATION_MEDIATED_BY_TLR4_
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 3757
Zero crossing at 8724
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 70 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.454 NES = 1.85 Nom. p−val= 0.00582 FWER= 0.47 FDR= 0.522


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
TLR3
RPS6KA5
MAPK10
SAA1
S100B
FOS
RPS6KA2
TLR4
TICAM2
TICAM1
DUSP4
MAP2K6
RIPK2
RPS6KA1
NFKBIA
CD14
IRAK2
MAP2K3
PPP2CB
JUN
DUSP6
IKBKB
LY96
RIPK1
PPP2R1B
APP
TRAF6
CREB1
UBAS2
MAPKAPK2
NOD2
IKBKG
RELA
NOD1
PPP2CA
MAPK3
MAP2K7
PPP2R1A
TAB2
MAPK9
IRAK1
MAPK8
DUSP3
CDK1
HMGB1
MAP2K2
MAP2K4
MAPK14
CHUK
MAPK1
MAPK7
TAB1
RPS27A
PPP2R5D
MAPK11
MAPKAPK3
TAB3
NFKB2
MEF2A
RPS6KA3
ELK1
MAP2K1
S100A12
MAP3K7
ATF2
ATF1
DUSP7
AGER
NFKBIB
MEF2C