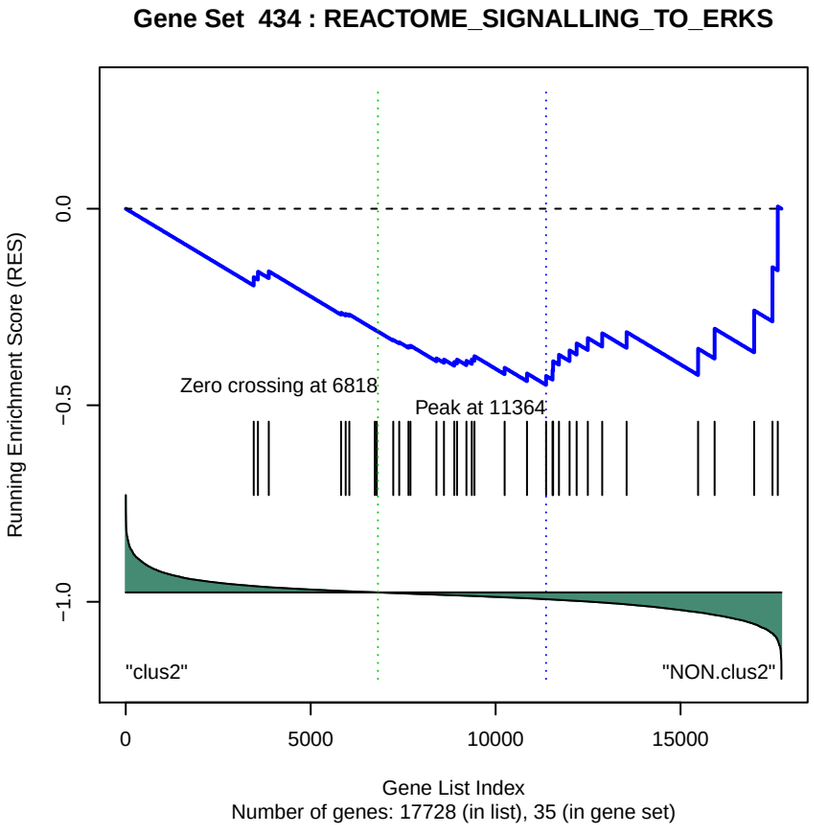
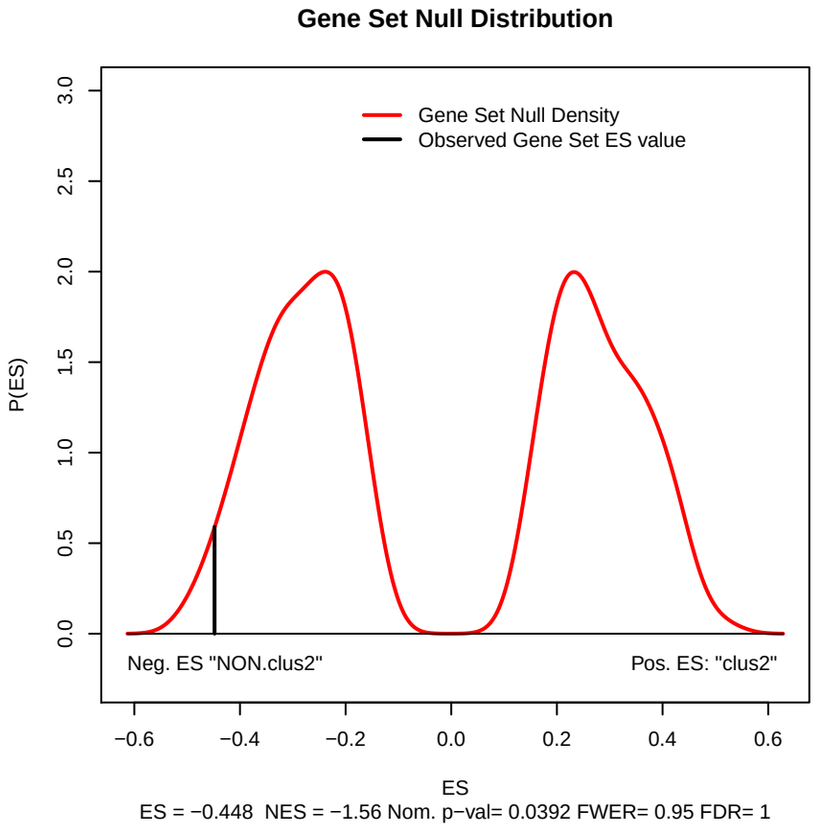
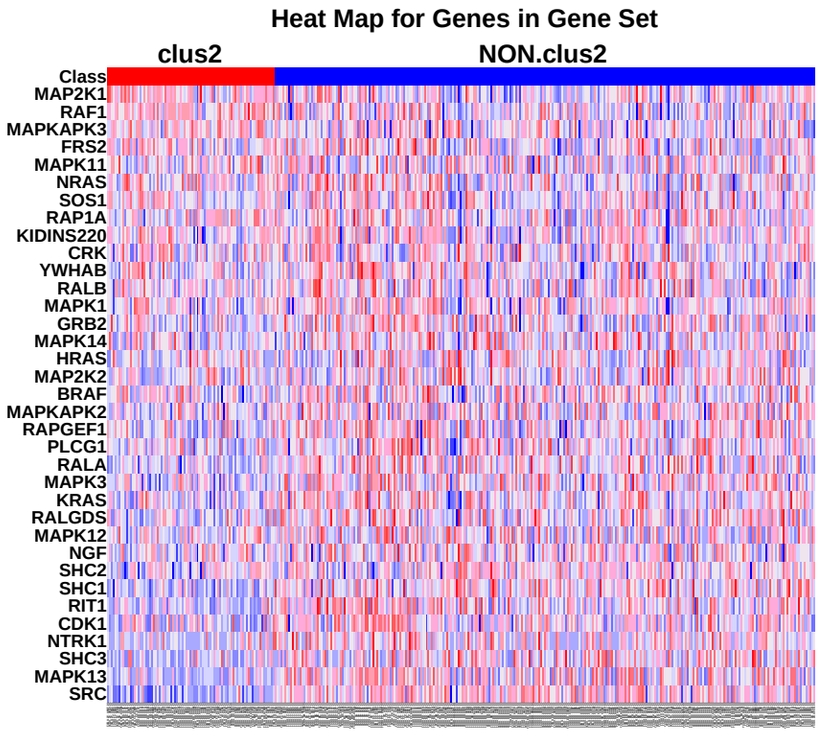

Gene Set 434 : REACTOME_SIGNALLING_TO_ERKS
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 6818
Peak at 11364
"clus2"
"NON.clus2"
0
5000
10000
15000
Gene List Index
Number of genes: 17728 (in list), 35 (in gene set)


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
3.0
Neg. ES "NON.clus2"
Pos. ES: "clus2"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.448 NES = −1.56 Nom. p−val= 0.0392 FWER= 0.95 FDR= 1


Heat Map for Genes in Gene Set
clus2
NON.clus2
Class
MAP2K1
RAF1
MAPKAPK3
FRS2
MAPK11
NRAS
SOS1
RAP1A
KIDINS220
CRK
YWHAB
RALB
MAPK1
GRB2
MAPK14
HRAS
MAP2K2
BRAF
MAPKAPK2
RAPGEF1
PLCG1
RALA
MAPK3
KRAS
RALGDS
MAPK12
NGF
SHC2
SHC1
RIT1
CDK1
NTRK1
SHC3
MAPK13
SRC