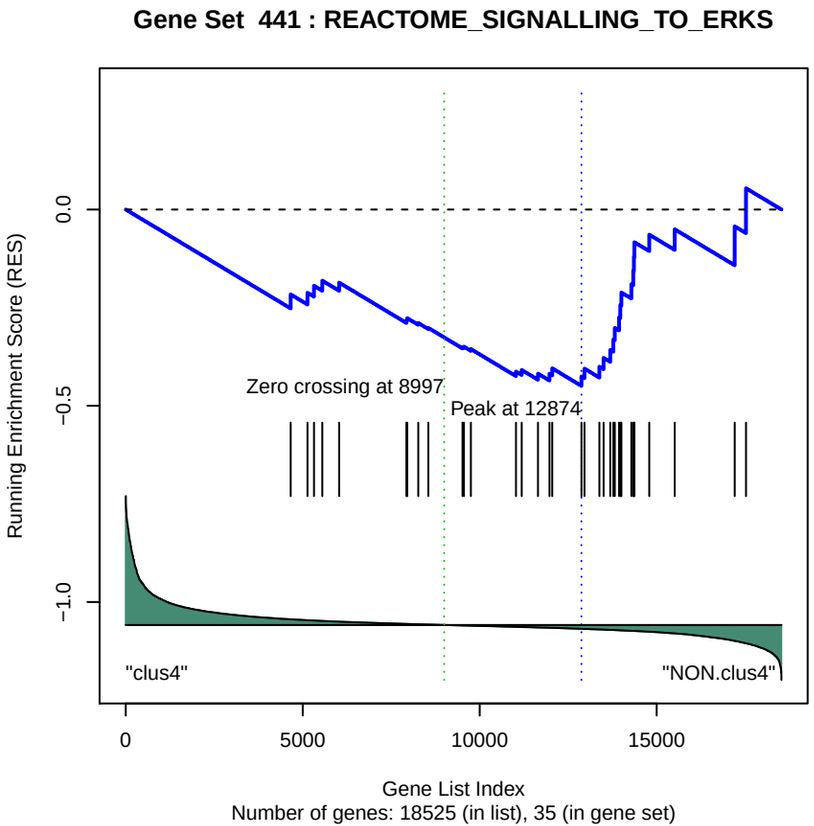
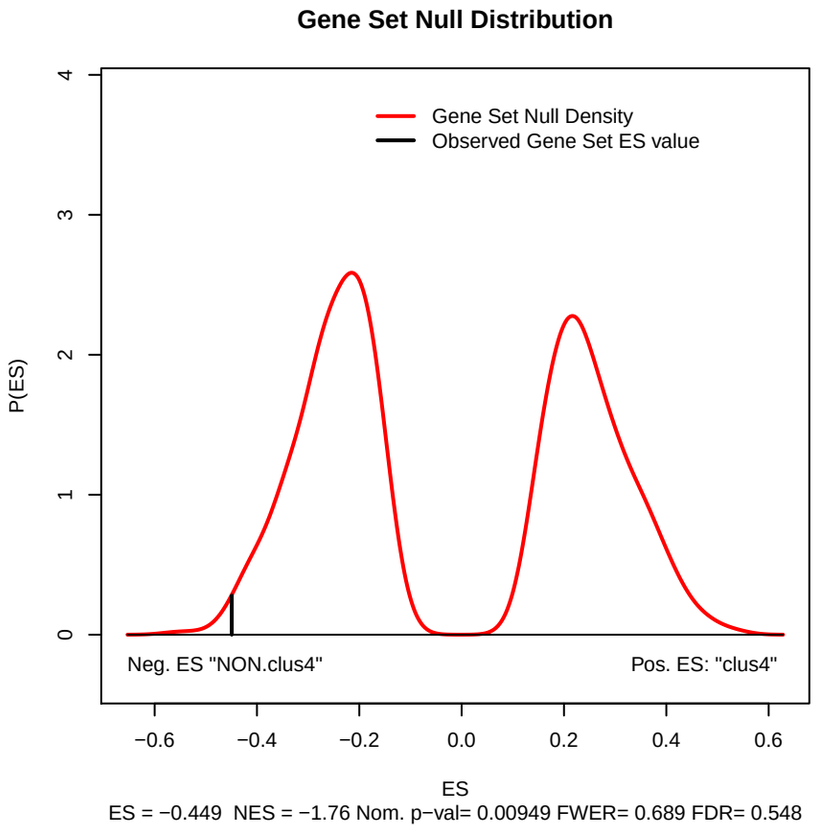
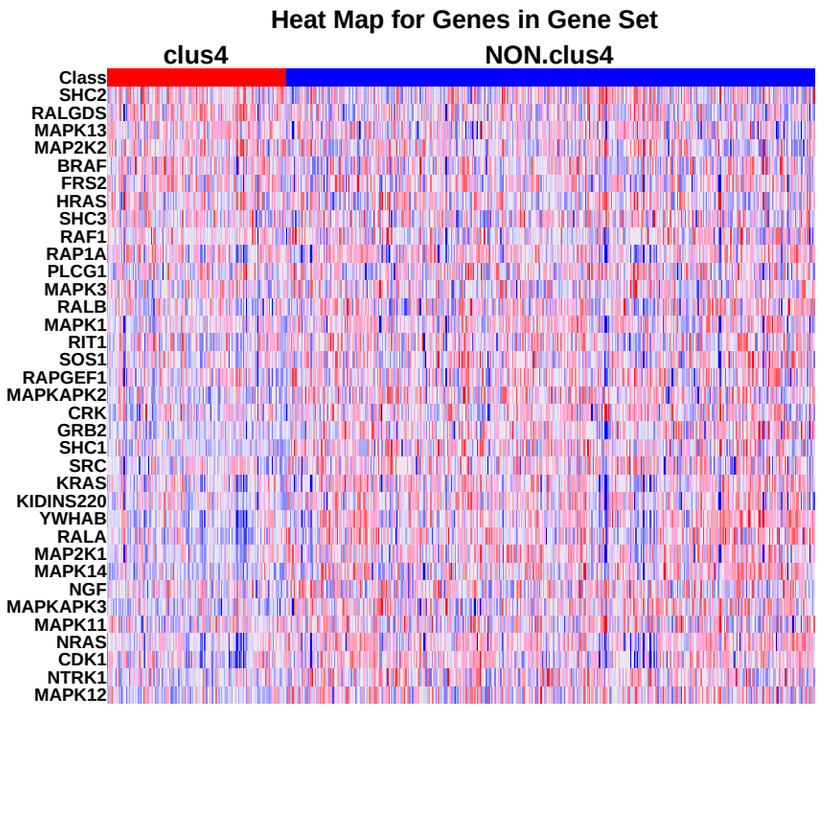

Gene Set 441 : REACTOME_SIGNALLING_TO_ERKS
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Zero crossing at 8997
Peak at 12874
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18525 (in list), 35 (in gene set)


Gene Set Null Distribution
P(ES)
0
1
2
3
4
Gene Set Null Density
Observed Gene Set ES value
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.449 NES = −1.76 Nom. p−val= 0.00949 FWER= 0.689 FDR= 0.548


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
SHC2
RALGDS
MAPK13
MAP2K2
BRAF
FRS2
HRAS
SHC3
RAF1
RAP1A
PLCG1
MAPK3
RALB
MAPK1
RIT1
SOS1
RAPGEF1
MAPKAPK2
CRK
GRB2
SHC1
SRC
KRAS
KIDINS220
YWHAB
RALA
MAP2K1
MAPK14
NGF
MAPKAPK3
MAPK11
NRAS
CDK1
NTRK1
MAPK12