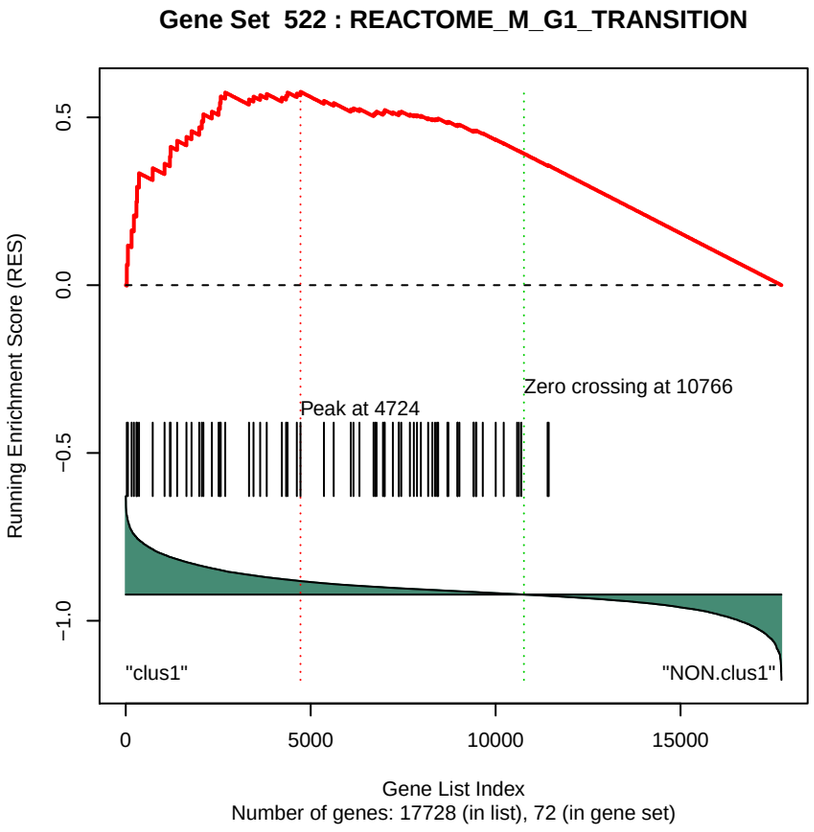
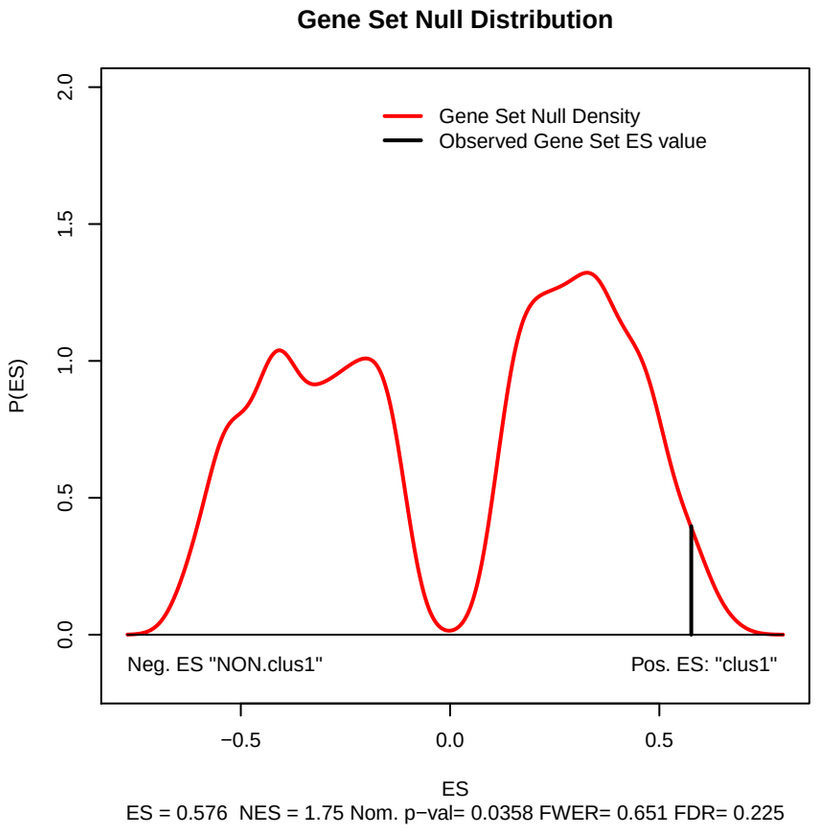
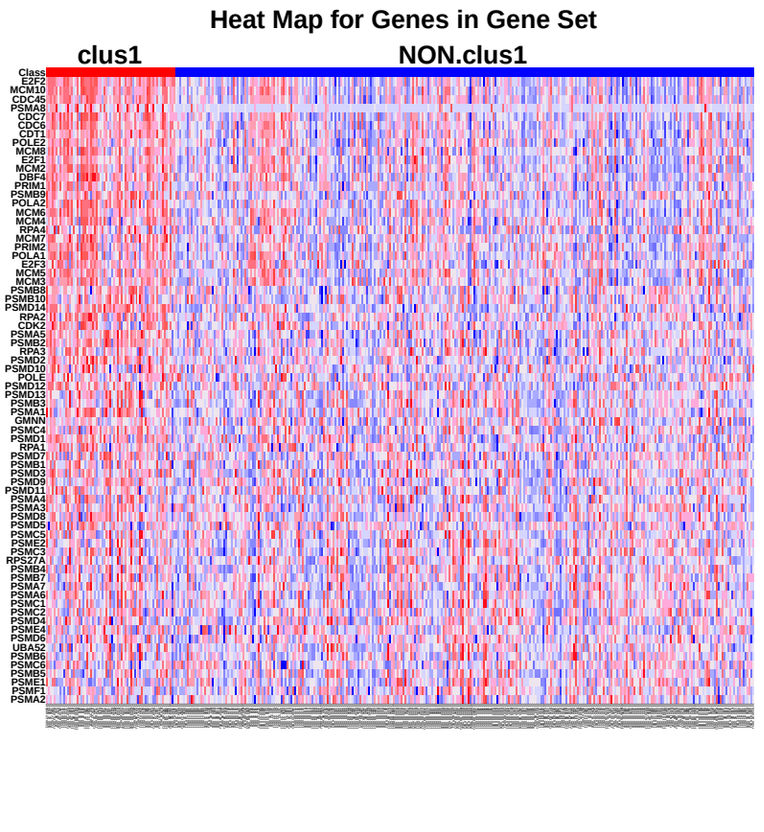

Gene Set 522 : REACTOME_M_G1_TRANSITION
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4724
Zero crossing at 10766
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17728 (in list), 72 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.576 NES = 1.75 Nom. p−val= 0.0358 FWER= 0.651 FDR= 0.225


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
E2F2
MCM10
CDC45
PSMA8
CDC7
CDC6
CDT1
POLE2
MCM8
E2F1
MCM2
DBF4
PRIM1
PSMB9
POLA2
MCM6
MCM4
RPA4
MCM7
PRIM2
POLA1
E2F3
MCM5
MCM3
PSMB8
PSMB10
PSMD14
RPA2
CDK2
PSMA5
PSMB2
RPA3
PSMD2
PSMD10
POLE
PSMD12
PSMD13
PSMB3
PSMA1
GMNN
PSMC4
PSMD1
RPA1
PSMD7
PSMB1
PSMD3
PSMD9
PSMD11
PSMA4
PSMA3
PSMD8
PSMD5
PSMC5
PSME2
PSMC3
RPS27A
PSMB4
PSMB7
PSMA7
PSMA6
PSMC1
PSMC2
PSMD4
PSME4
PSMD6
UBA52
PSMB6
PSMC6
PSMB5
PSME1
PSMF1
PSMA2