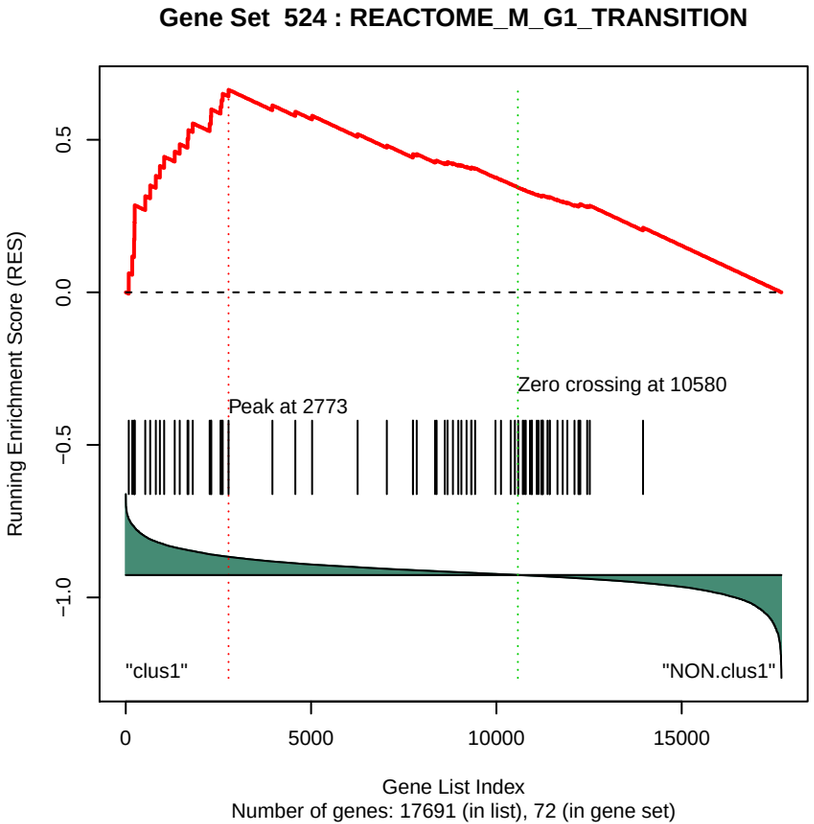
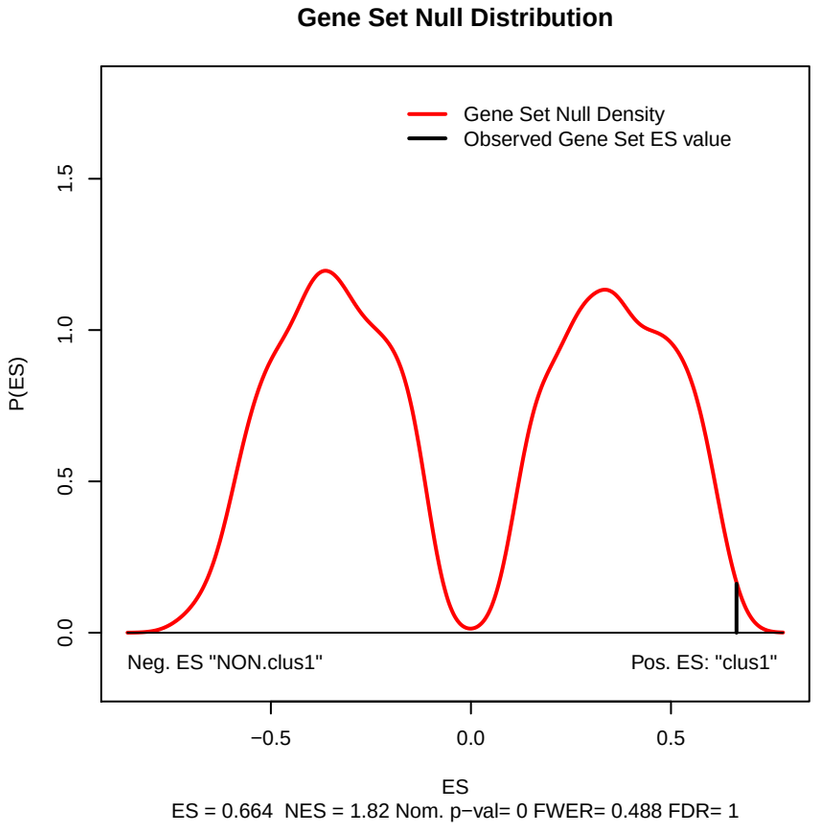
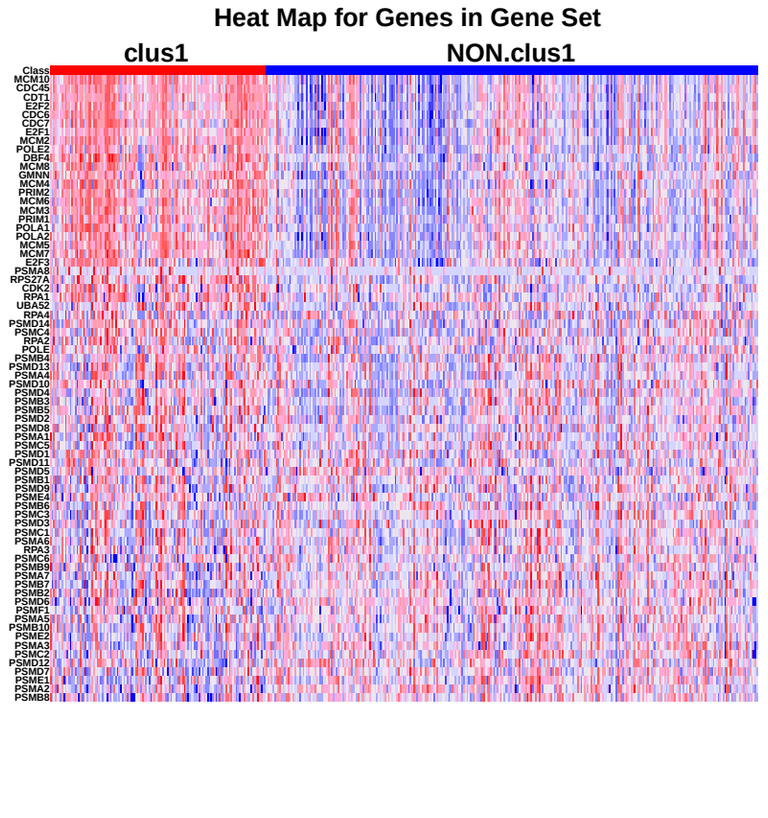

Gene Set 524 : REACTOME_M_G1_TRANSITION
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 2773
Zero crossing at 10580
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 17691 (in list), 72 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.5
0.0
0.5
ES
ES = 0.664 NES = 1.82 Nom. p−val= 0 FWER= 0.488 FDR= 1


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