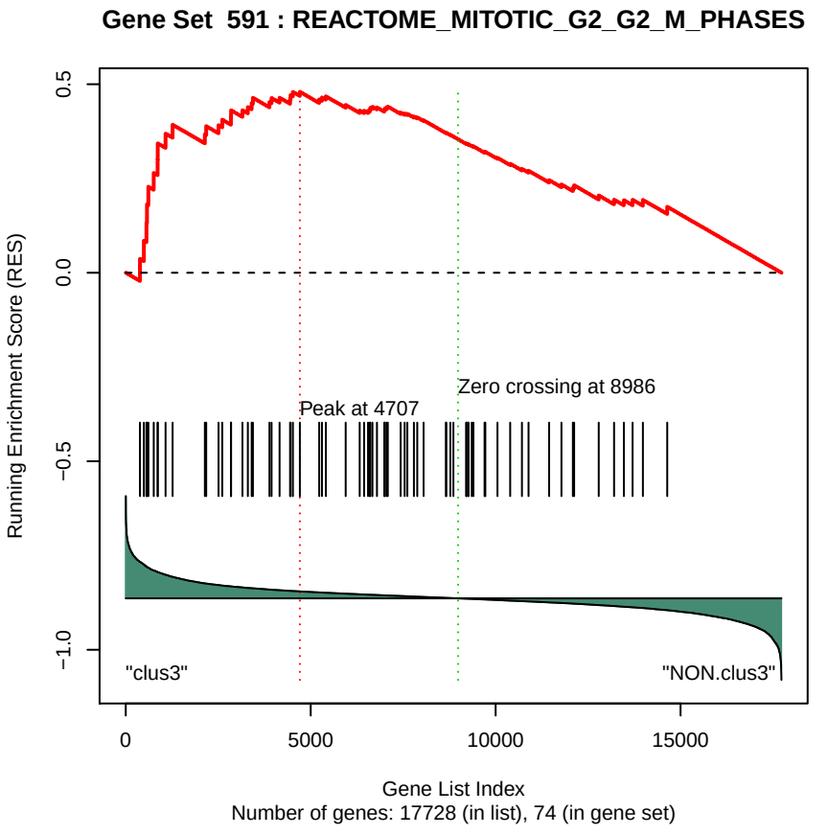
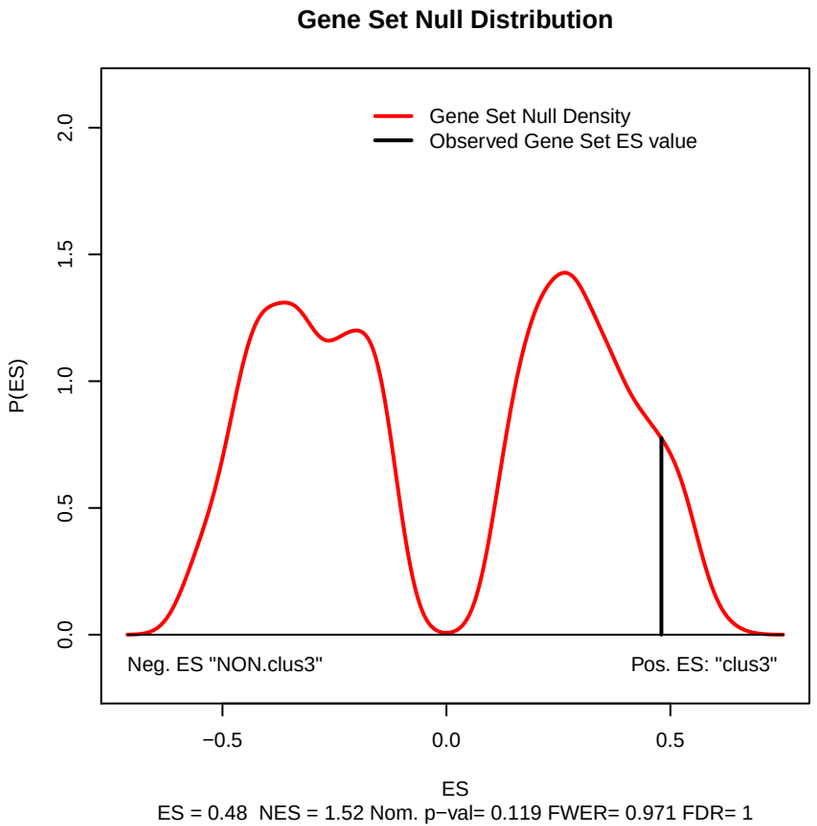
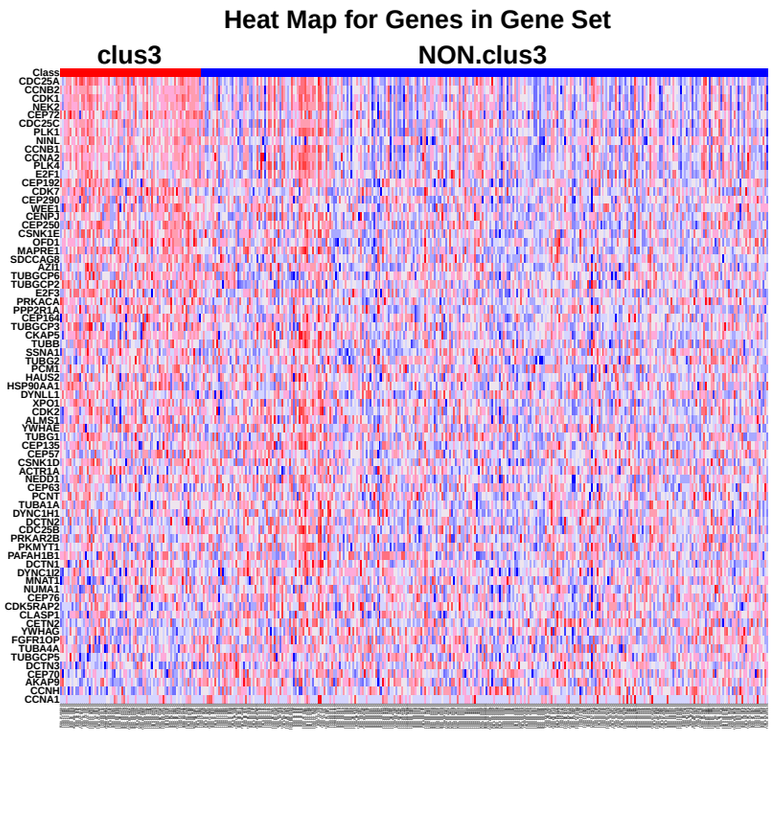

Gene Set 591 : REACTOME_MITOTIC_G2_G2_M_PHASES
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4707
Zero crossing at 8986
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 17728 (in list), 74 (in gene set)


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
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.5
0.0
0.5
ES
ES = 0.48 NES = 1.52 Nom. p−val= 0.119 FWER= 0.971 FDR= 1


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
CDC25A
CCNB2
CDK1
MELK
CEP72
CDC25C
PLK1
NINL
CCNB1
CCNA2
PLK4
E2F1
CEP192
CDK7
CEP290
WEE1
CENPJ
CEP250
CSNK1E
OFD1
MAPRE1
SDCCAG8
AZI1
TUBGCP6
TUBGCP2
E2F2
PRKACA
PPP2R1A
CEP164
TUBGCP3
CKAP5
TUBB
SSNA1
TUBG2
PCM1
HAUS2
HSP90AA1
DYNLL1
XPO1
CDK2
ALMS1
YWHAE
TUBG1
CEP135
CEP57
CSNK1D
ACTR1A
NEDD1
CEP63
PCNT
TUBA1A
DYNC1H1
DCTN2
CDC25B
PRKAR2B
PKMYT1
PAFAH1B1
DCTN1
DYNC1I2
MNAT1
NUMA1
CEP76
CDK5RAP2
CLASP1
CETN2
YWHAG
FGFR1OP
TUBA4A
TUBGCP5
DCTN3
CEP70
AKAP9
CCNH
CCNA1