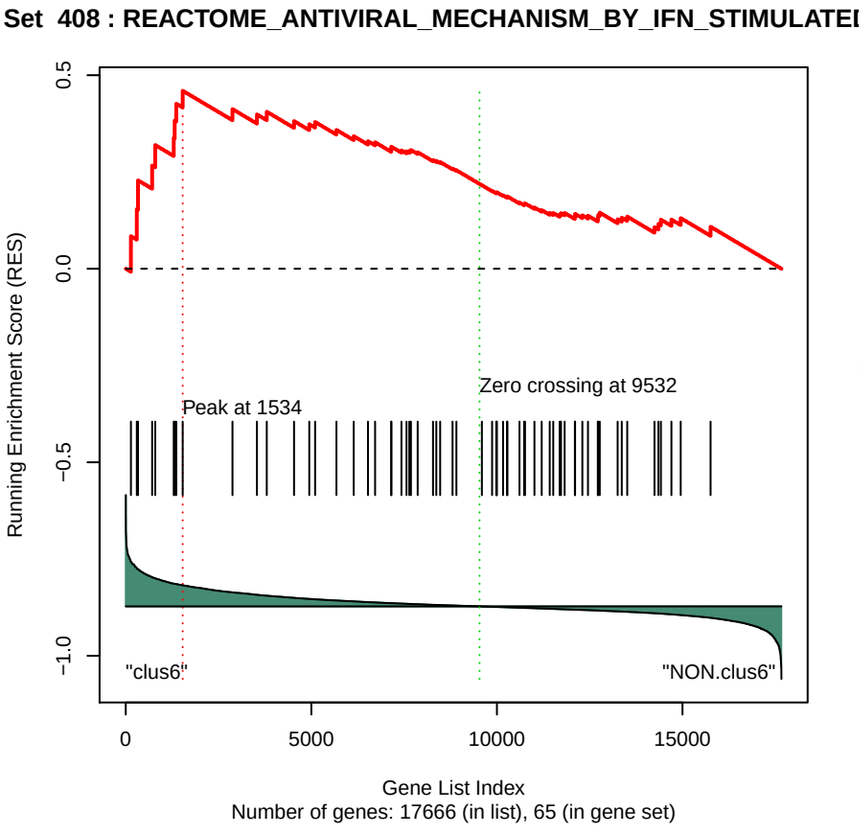
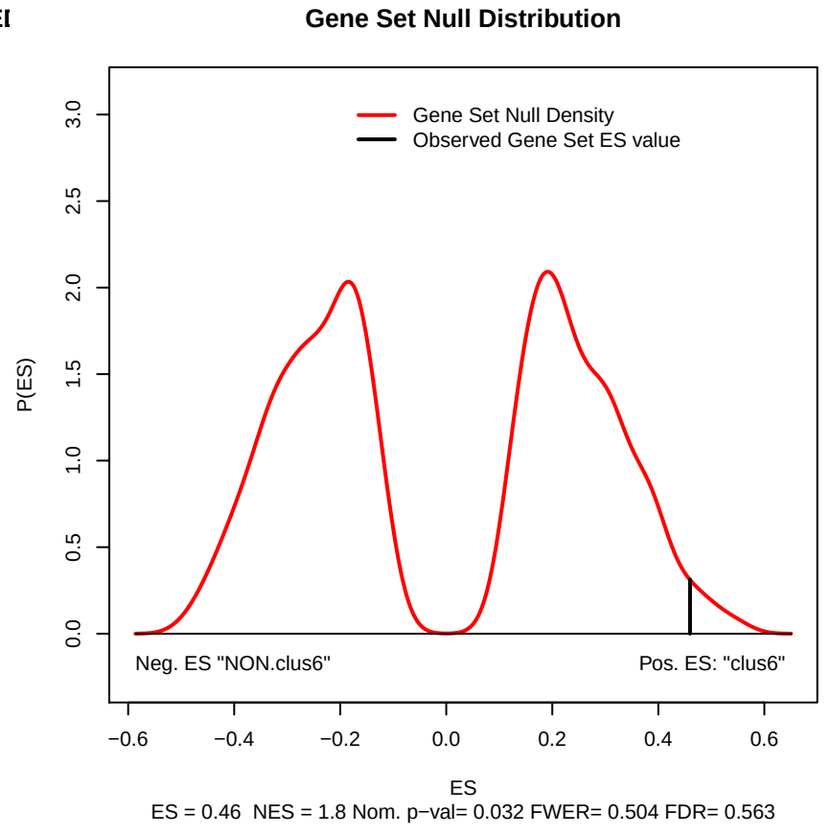
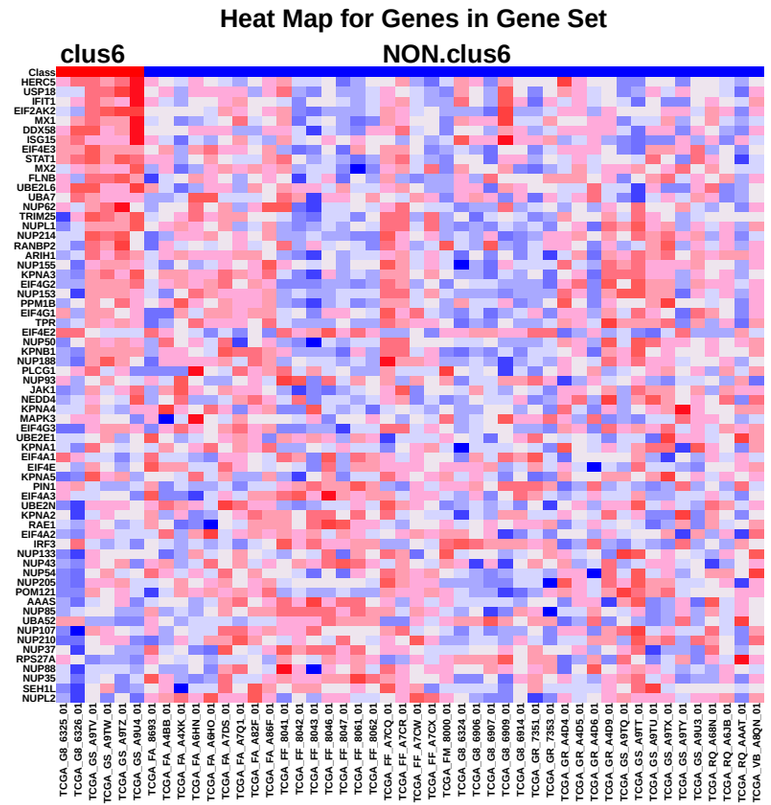

Set 408 : REACTOME_ANTIVIRAL_MECHANISM_BY_IFN_STIMULATEI
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1534
Zero crossing at 9532
"clus6"
"NON.clus6"
0
5000
10000
15000
Gene List Index
Number of genes: 17666 (in list), 65 (in gene set)


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.clus6"
Pos. ES: "clus6"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.46 NES = 1.8 Nom. p−val= 0.032 FWER= 0.504 FDR= 0.563


Heat Map for Genes in Gene Set
clus6
NON.clus6
Class
HERC5
USP18
IFIT1
EIF2AK2
MX1
DDX58
ISG15
EIF4E3
STAT1
MX2
FLNB
UBE2L6
UBA7
NUP62
TRIM25
NUPL1
NUP214
RANBP2
ARIH1
NUP155
KPNA3
EIF4G2
NUP153
PPM1B
EIF4G1
TPR
EIF4E2
NUP50
KPNB1
NUP188
PLCG1
NUP93
JAK1
NEDD4
KPNA4
MAPK3
EIF4G3
UBE2E1
KPNA1
EIF4A1
EIF4E
KPNA5
PIN1
EIF4A3
UBE2N
KPNA2
RAE1
EIF4A2
IRF3
NUP133
NUP43
NUP54
NUP205
POM121
AAAS
NUP85
UBA52
NUP107
NUP210
NUP37
RPS27A
NUP88
NUP35
SEH1L
NUPL2