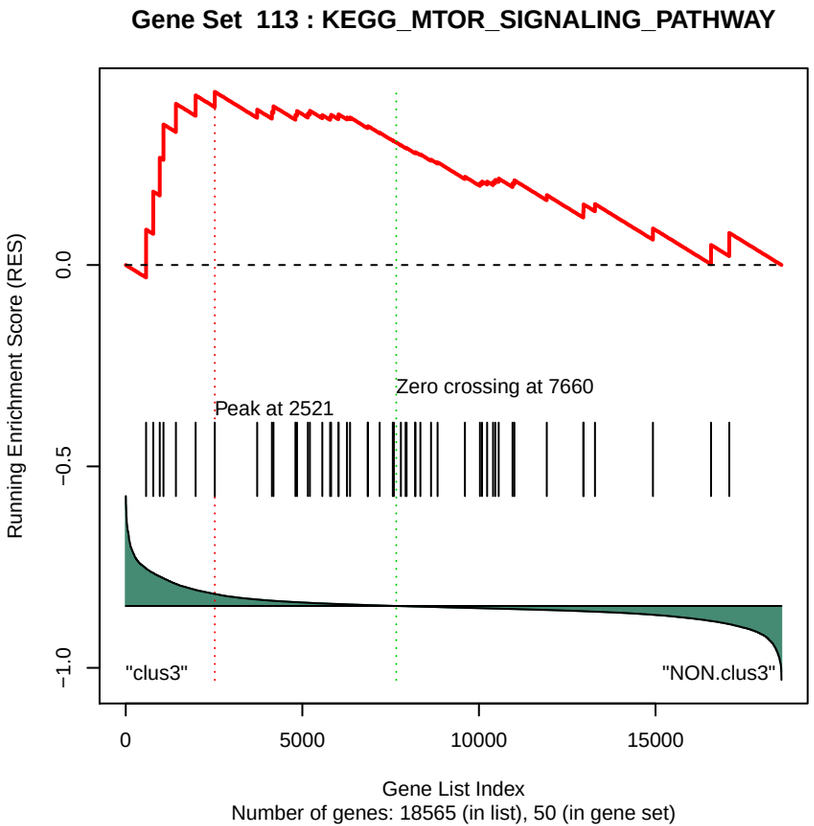
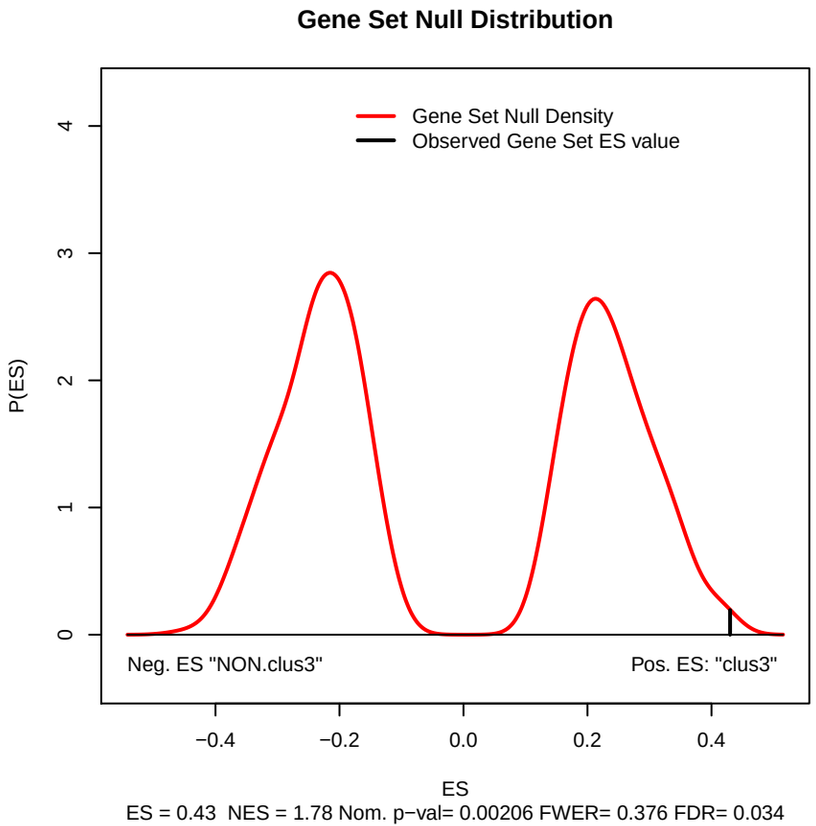
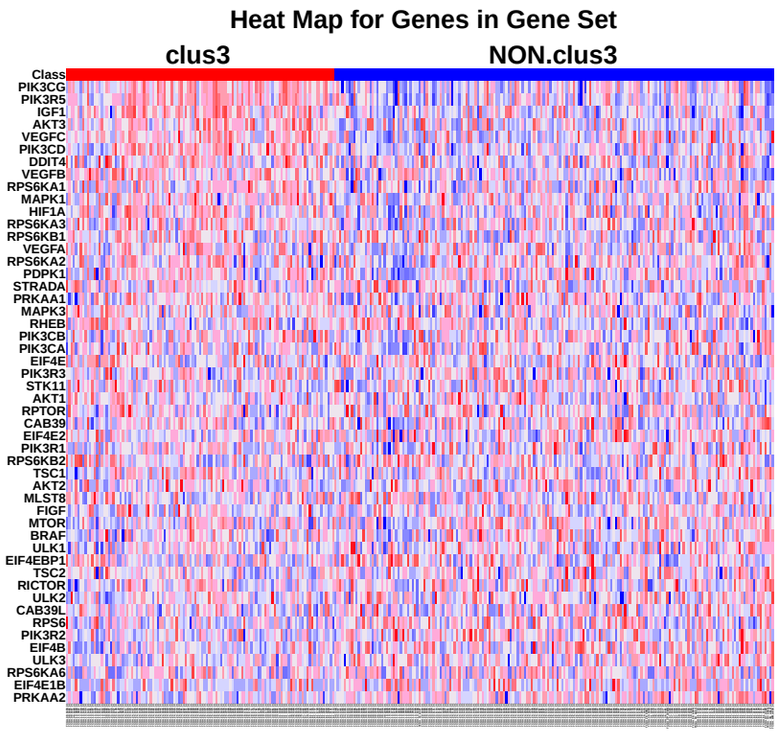

Gene Set 113 : KEGG_MTOR_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.0
−0.5
−1.0
Peak at 2521
Zero crossing at 7660
"clus3"
"NON.clus3"
0
5000
10000
15000
Gene List Index
Number of genes: 18565 (in list), 50 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
0
1
2
3
4
Neg. ES "NON.clus3"
Pos. ES: "clus3"
−0.4
−0.2
0.0
0.2
0.4
ES
ES = 0.43 NES = 1.78 Nom. p−val= 0.00206 FWER= 0.376 FDR= 0.034


Heat Map for Genes in Gene Set
clus3
NON.clus3
Class
PIK3CG
PIK3R5
IGF1
AKT3
VEGFC
PIK3CD
DDIT4
VEGFB
RPS6KA1
MAPK1
HIF1A
RPS6KA3
RPS6KB1
VEGFA
RPS6KA2
PDPK1
STRADA
PRKAA1
MAPK3
RHEB
PIK3CB
PIK3CA
EIF4E
PIK3R3
STK11
AKT1
RPTOR
CAB39
EIF4E2
PIK3R1
RPS6KB2
TSC1
AKT2
MLST8
FIGF
MTOR
BRAF
ULK1
EIF4EBP1
TSC2
RICTOR
ULK2
CAB39L
RPS6
PIK3R2
EIF4B
ULK3
RPS6KA6
EIF4E1B
PRKAA2