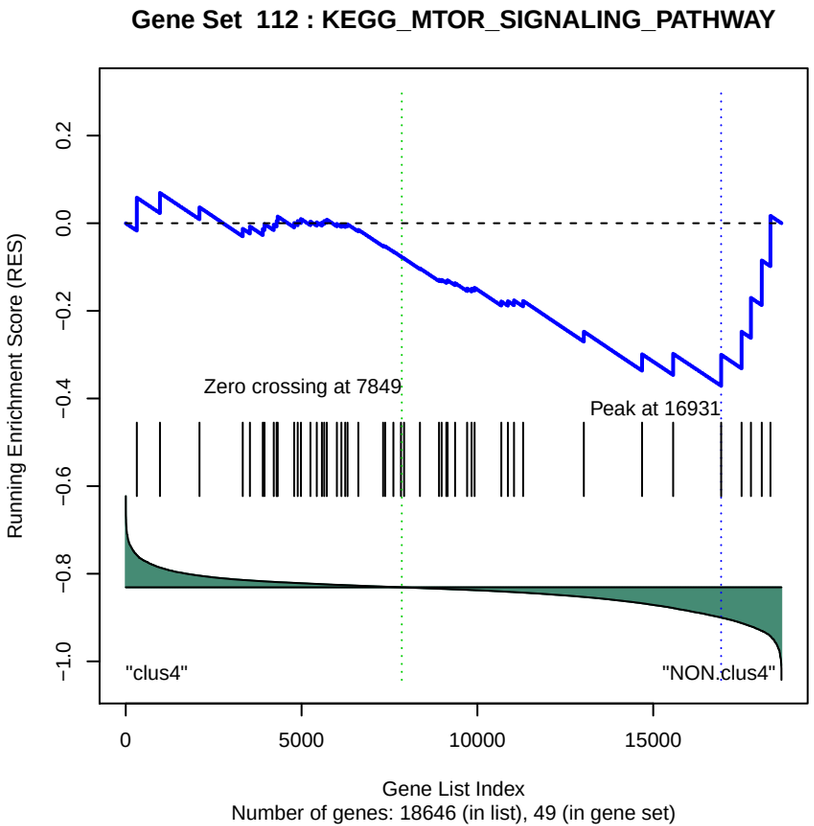
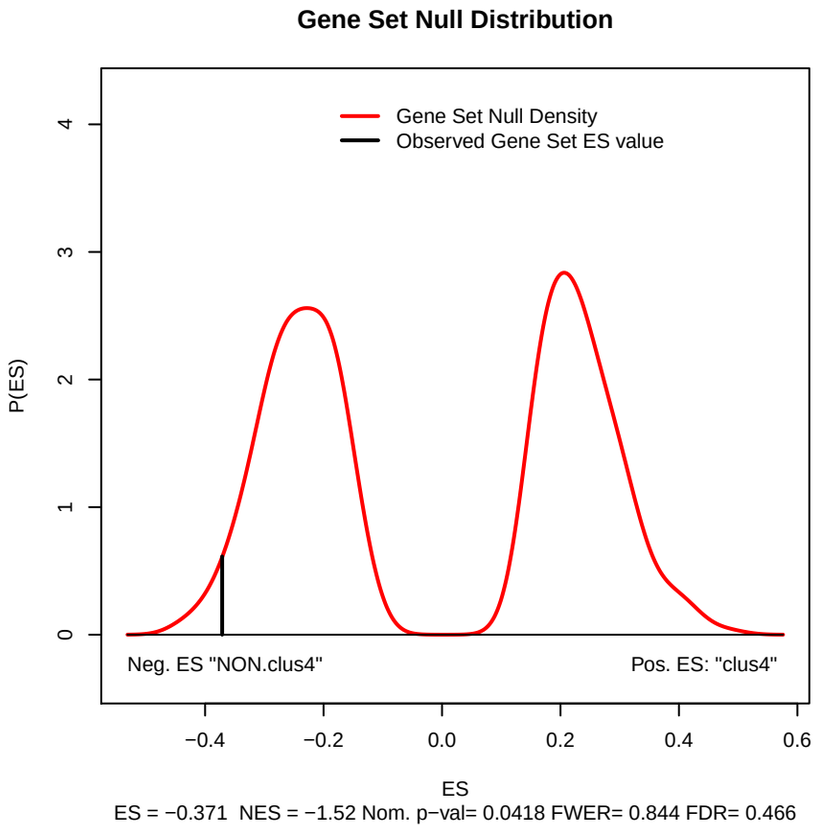
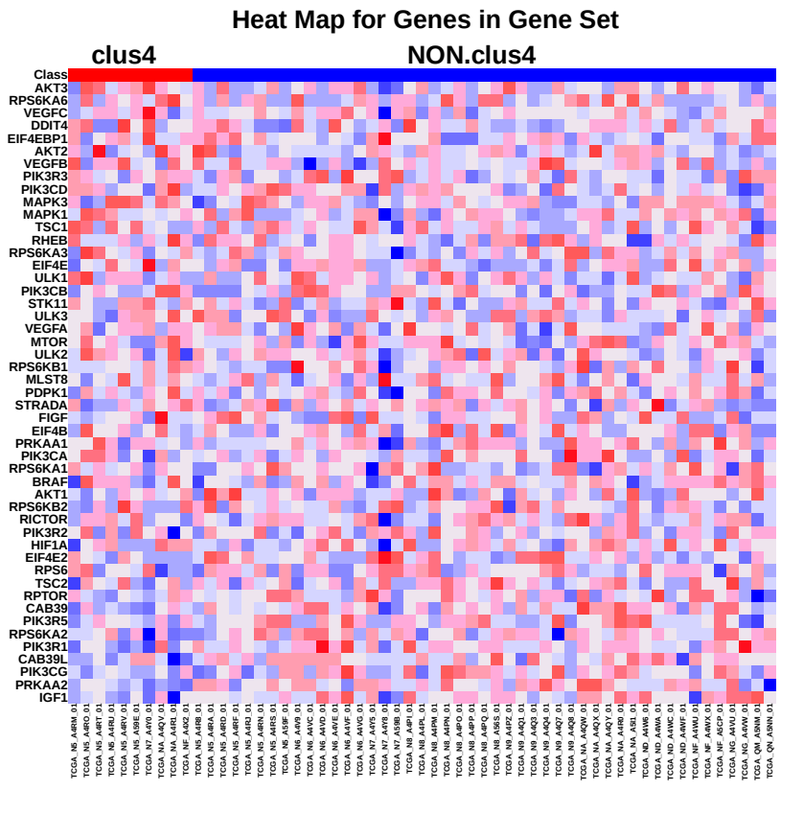

Gene Set 112 : KEGG_MTOR_SIGNALING_PATHWAY
Running Enrichment Score (RES)
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Zero crossing at 7849
Peak at 16931
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 18646 (in list), 49 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
4
3
2
1
0
Neg. ES "NON.clus4"
Pos. ES: "clus4"
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = −0.371 NES = −1.52 Nom. p−val= 0.0418 FWER= 0.844 FDR= 0.466


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
AKT3
RPS6KA6
VEGFC
DDIT4
EIF4EBP1
AKT2
VEGFB
PIK3R3
PIK3CD
MAPK3
MAPK1
TSC1
RHEB
RPS6KA3
EIF4E
ULK1
PIK3CB
STK11
ULK3
VEGFA
MTOR
ULK2
RPS6KB1
MLST8
PDPK1
STRADA
FIGF
EIF4B
PRKAA1
PIK3CA
RPS6KA1
BRAF
AKT1
RPS6KB2
RICTOR
PIK3R2
HIF1A
EIF4E2
RPS6
TSC2
RPTOR
CAB39
PIK3R5
RPS6KA2
PIK3R1
CAB39L
PIK3CG
PRKAA2
IGF1