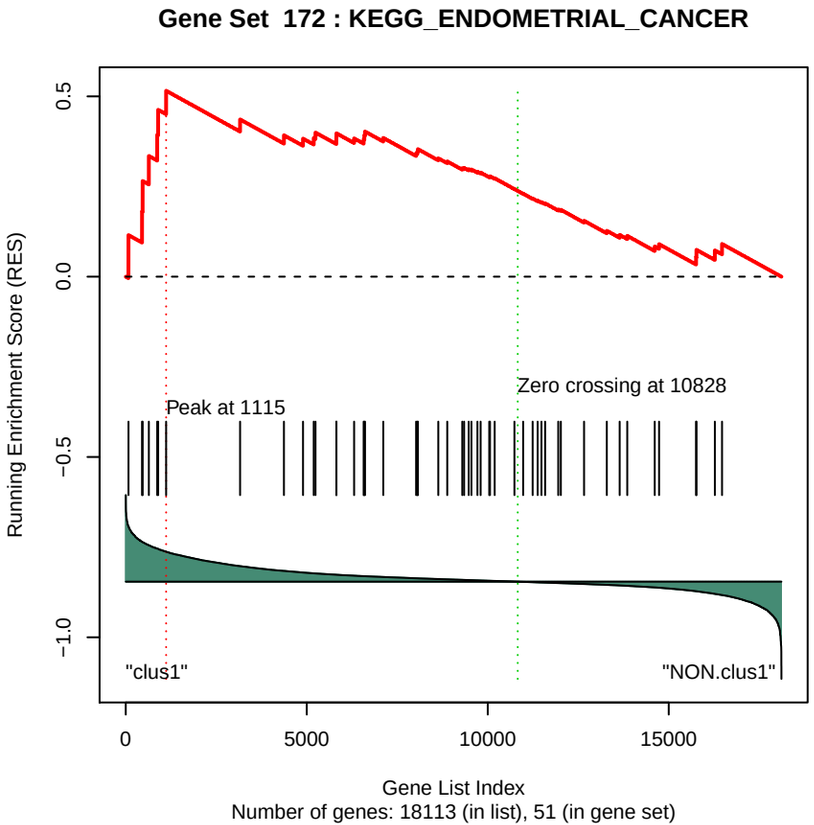
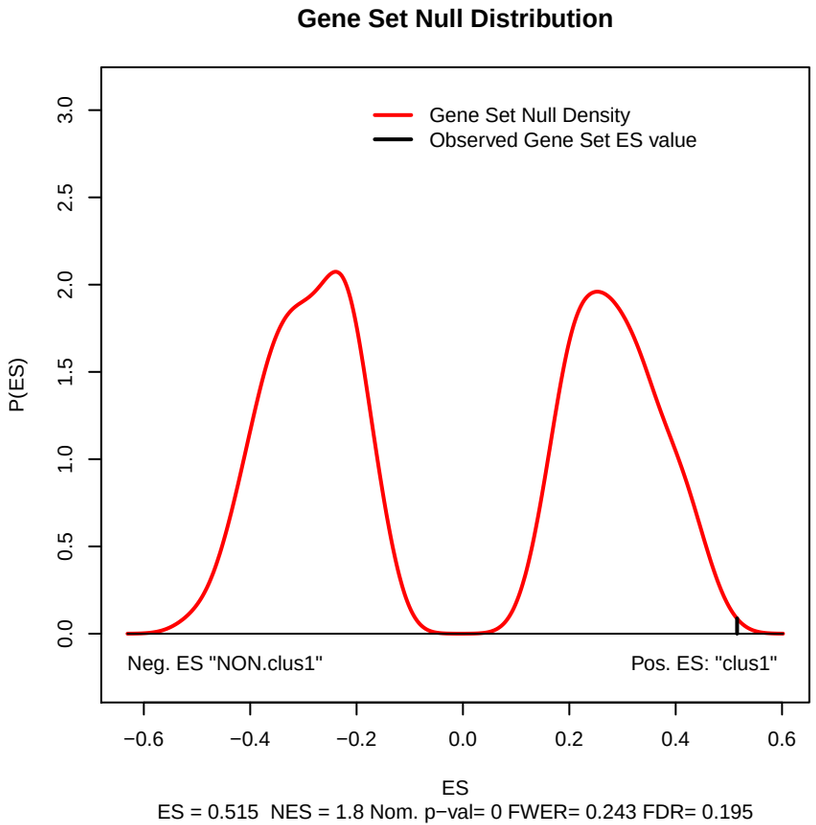
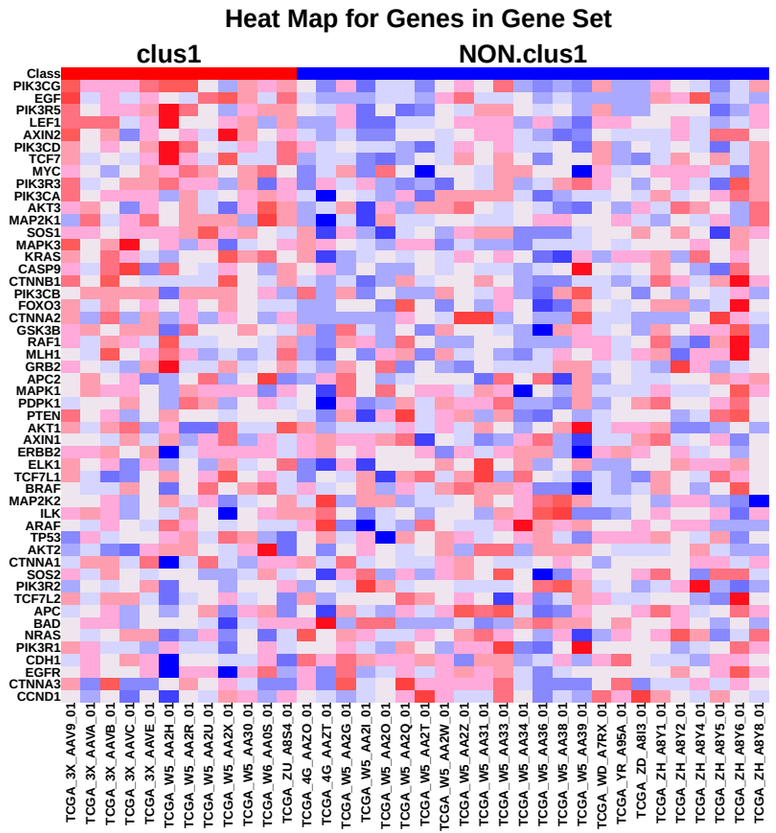

Gene Set 172 : KEGG_ENDOMETRIAL_CANCER
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 1115
Zero crossing at 10828
"clus1"
"NON.clus1"
0
5000
10000
15000
Gene List Index
Number of genes: 18113 (in list), 51 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
3.0
2.5
2.0
1.5
1.0
0.5
0.0
Neg. ES "NON.clus1"
Pos. ES: "clus1"
−0.6
−0.4
−0.2
0.0
0.2
0.4
0.6
ES
ES = 0.515 NES = 1.8 Nom. p−val= 0 FWER= 0.243 FDR= 0.195


Heat Map for Genes in Gene Set
clus1
NON.clus1
Class
PIK3CG
EGF
PIK3R5
LEF1
AXIN2
PIK3CD
TCF7
MYC
PIK3R3
PIK3CA
AKT3
MAP2K1
SOS1
MAPK3
KRAS
CASP9
CTNNB1
PIK3CB
FOXO3
CTNNA2
GSK3B
RAF1
MLH1
GRB2
APC2
MAPK1
PDPK1
PTEN
AKT1
AXIN1
ERBB2
ELK1
TCF7L1
BRAF
MAP2K2
ILK
ARAF
TP53
AKT2
CTNNA1
SOS2
PIK3R2
TCF7L2
APC
BAD
NRAS
PIK3R1
CDH1
EGFR
CTNNA3
CCND1