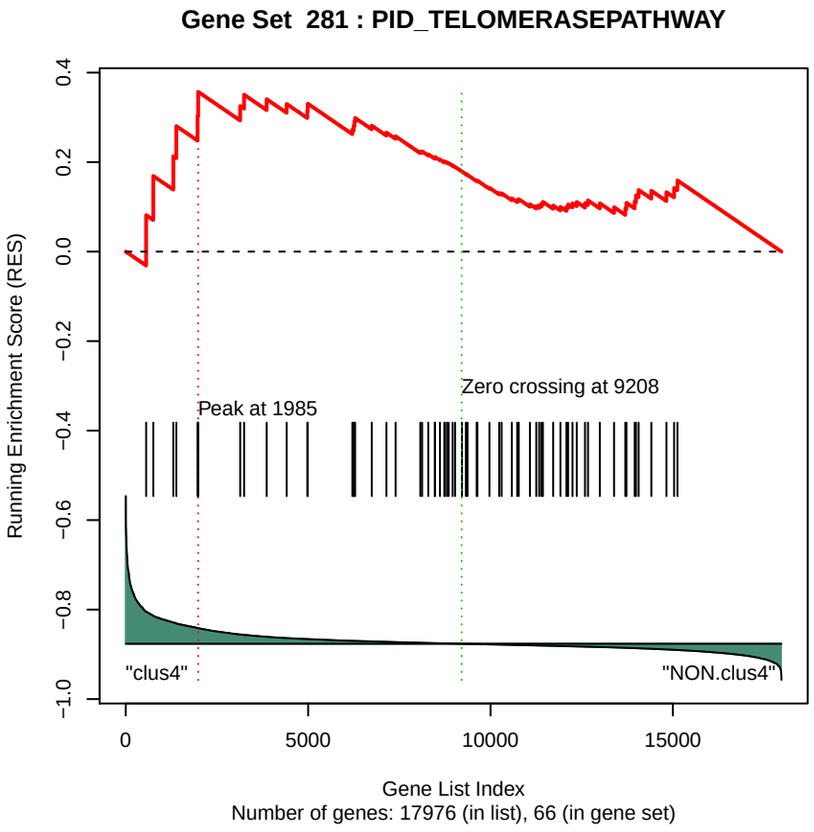
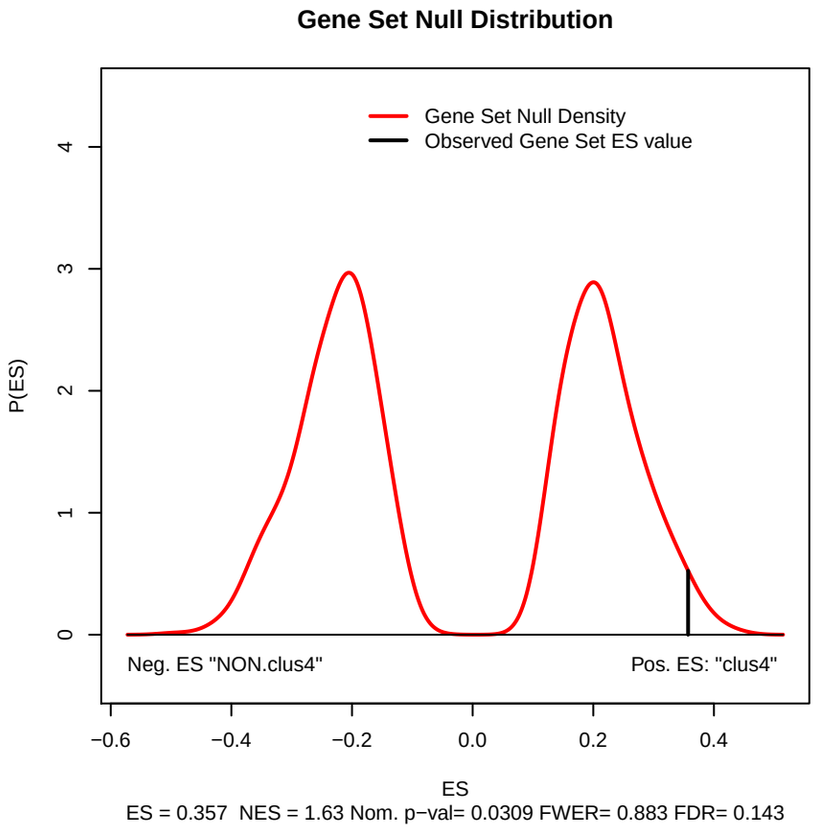
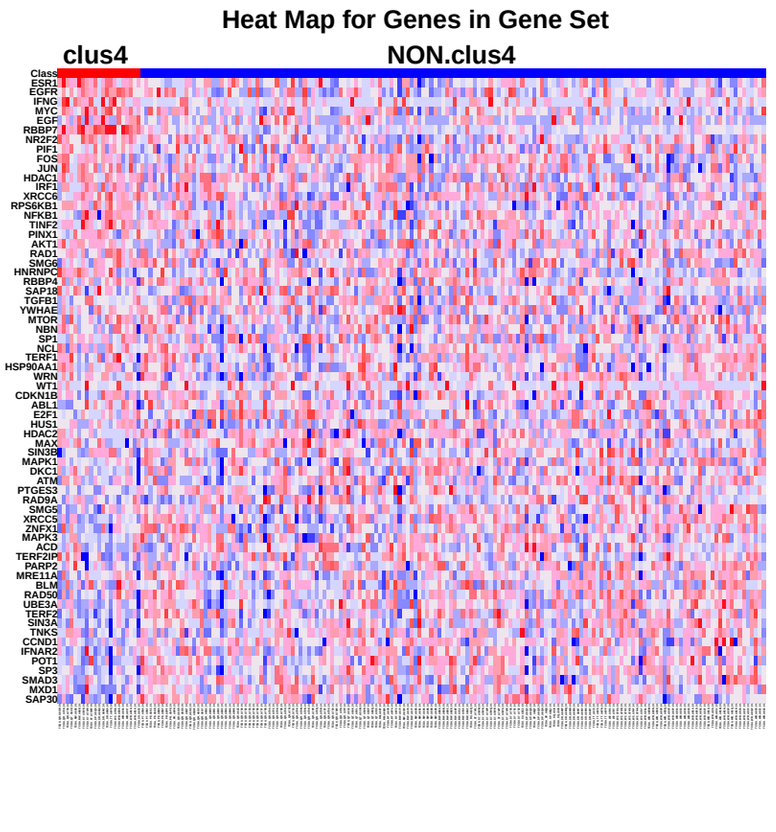

Gene Set 281 : PID_TELOMERASEPATHWAY
Running Enrichment Score (RES)
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
Peak at 1985
Zero crossing at 9208
"clus4"
"NON.clus4"
0
5000
10000
15000
Gene List Index
Number of genes: 17976 (in list), 66 (in gene set)


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"
−0.6
−0.4
−0.2
0.0
0.2
0.4
ES
ES = 0.357 NES = 1.63 Nom. p−val= 0.0309 FWER= 0.883 FDR= 0.143


Heat Map for Genes in Gene Set
clus4
NON.clus4
Class
ESR1
EGFR
IFNG
MYC
EGF
RBBP7
NR2F2
PIF1
FOS
JUN
HDAC1
IRF1
XRCC6
RPS6KB1
NFKB1
TINF2
PINX1
AKT1
RAD1
SMC6
HNRNPC
RBBP4
SAP18
TGFB1
YWHAE
MTOR
NBN
SP1
NCL
TERF1
HSP90AA1
WRN
WT1
CDKN1B
ABL1
E2F1
HUS1
HDAC2
MAX
SIN3B
MAPK1
DKC1
ATM
PTGES3
RAD9A
SMG5
XRCC5
ZNFX1
MAPK3
ACD
TERF2IP
PARP2
MRE11A
BLM
RAD50
UBE3A
TERF2
SIN3A
TNKS
CCND1
IFNAR2
POT1
SP3
SMAD3
MXD1
SAP30