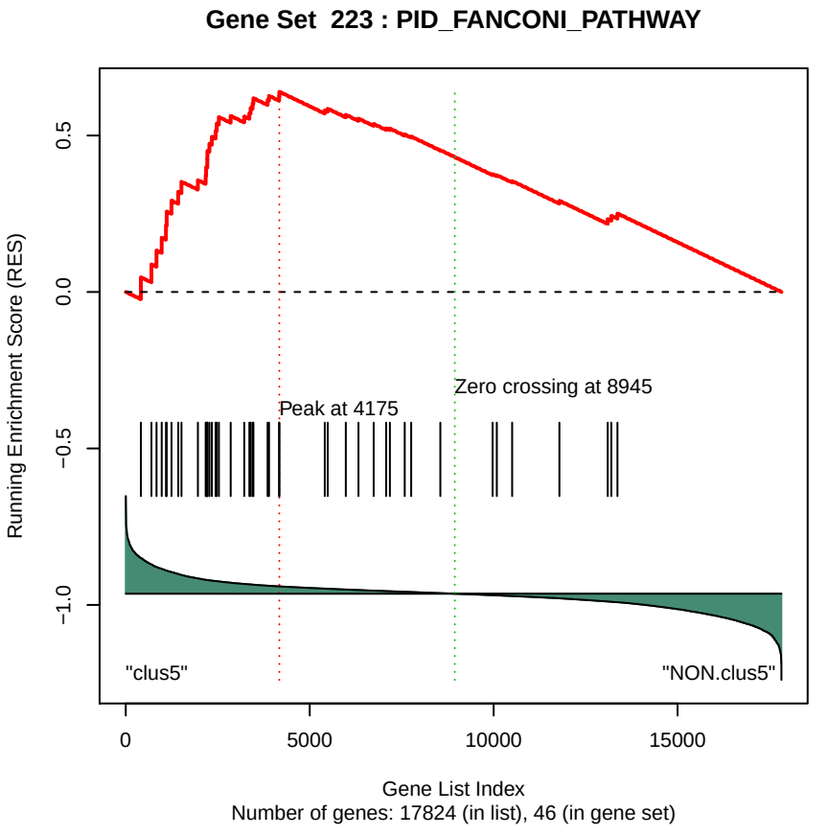
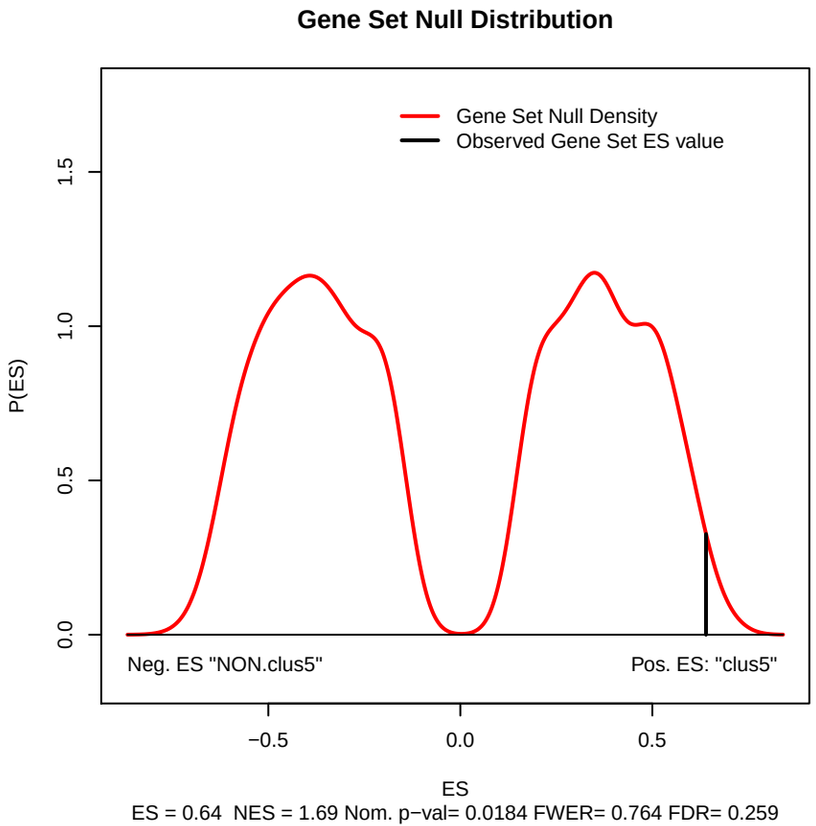
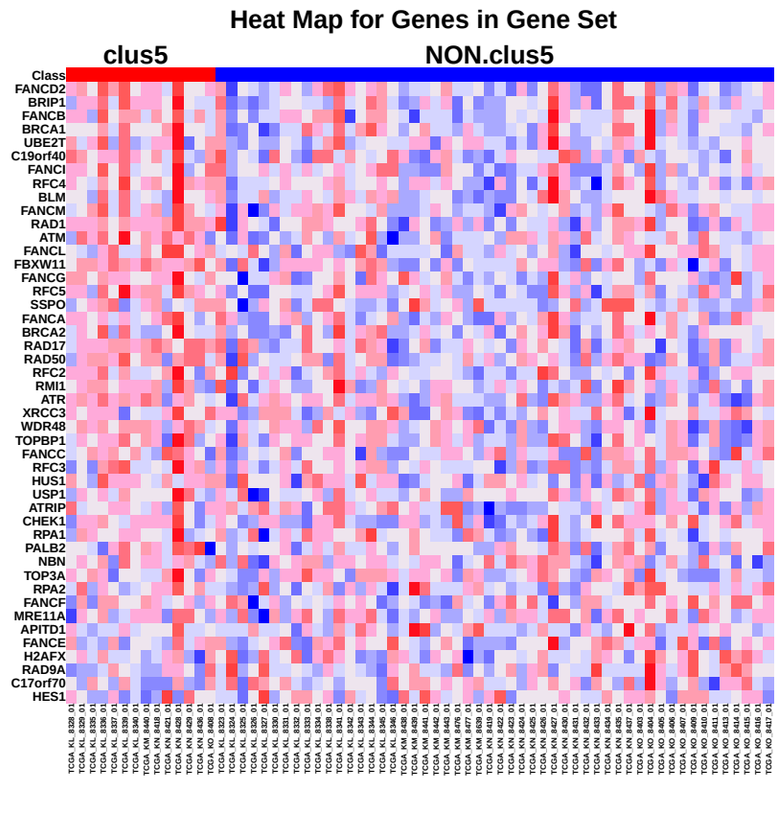

Gene Set 223 : PID_FANCONI_PATHWAY
Running Enrichment Score (RES)
0.5
0.0
−0.5
−1.0
Peak at 4175
Zero crossing at 8945
"clus5"
"NON.clus5"
0
5000
10000
15000
Gene List Index
Number of genes: 17824 (in list), 46 (in gene set)


Gene Set Null Distribution
Gene Set Null Density
Observed Gene Set ES value
P(ES)
1.5
1.0
0.5
0.0
Neg. ES "NON.clus5"
Pos. ES: "clus5"
−0.5
0.0
0.5
ES
ES = 0.64 NES = 1.69 Nom. p−val= 0.0184 FWER= 0.764 FDR= 0.259


Heat Map for Genes in Gene Set
clus5
NON.clus5
Class
FANCD2
BRIP1
FANCB
BRCA1
UBE2T
C19orf40
FANCI
RFC4
BLM
FANCM
RAD1
ATM
FANCL
FBXW11
FANCG
RFC5
SSPO
FANCA
BRCA2
RAD17
RAD50
RFC2
RMI1
ATR
XRCC3
WDR48
TOPBP1
FANCC
RFC3
HUS1
USP1
ATRIP
CHEK1
RPA1
PALB2
NBN
TOP3A
RPA2
FANCF
MRE11A
APITD1
FANCE
H2AFX
RAD9A
C17orf70
HES1