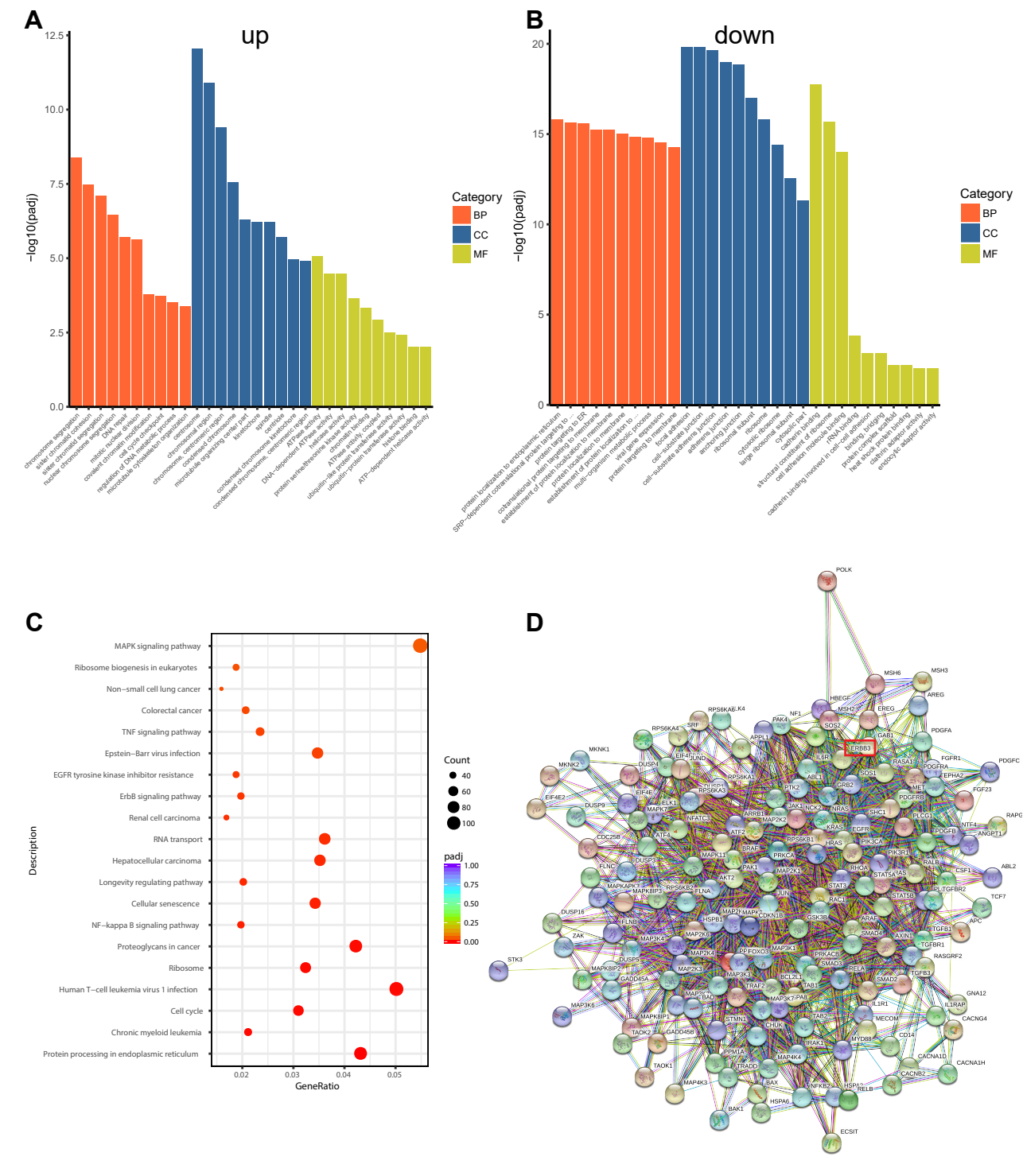
A
up
−log10(padj)
12.5
10.0
7.5
5.0
2.5
0.0
chromosome segregation
sister chromatid cohesion
sister chromatid segregation
nuclear chromosome segregation
DNA repair
mitotic nuclear division
condensed chromosome
regulation of DNA metabolism
cell cycle checkpoint
microtubule cytoskeleton organization
metabolic process
chromosome, centromeric region
centrosome
chromosome
centromeric region
centromere
chromosomal region
microtubule organizing center part
kinetochore
chromosome
spindle
condensed chromosome kinetochore
nucleotide
condensed chromosome, centromeric region
DNA−dependent ATPase activity
ATPase activity
protein serine/threonine kinase activity
helicase activity
ubiquitin−like protein transferase activity
chromatin binding
ATPase activity, coupled
uniquitin−protein transferase activity
nucleotide binding
ATP−dependent helicase activity
Category
BP
CC
MF
B
down
−log10(padj)
20
15
10
5
0
protein localization to endoplasmic reticulum
SRP−dependent cotranslational protein targeting to
cotranslational protein targeting to ER
establishment of protein localization to membrane
protein localization to membrane
establishment of protein localization to
multi−organism metabolic process
viral gene expression
protein targeting to membrane
cell−substrate adhesion
focal adhesion
cell−substrate junction
adherens junction
anchoring junction
ribosome subunit
ribosome
cytosolic ribosome
large ribosomal subunit
cytosolic part
structural constituent of ribosome
cadherin binding
cell adhesion molecule binding
rRNA binding
cadherin binding involved in cell−cell adhesion
binding, bridging
protein complex scaffold
heat shock protein binding
chaperone binding
clathrin adaptor activity
endocytic adaptor activity
Category
BP
CC
MF
C
Description
MAPK signaling pathway
Ribosome biogenesis in eukaryotes
Non−small cell lung cancer
Colorectal cancer
TNF signaling pathway
Epstein−Barr virus infection
EGFR tyrosine kinase inhibitor resistance
ErbB signaling pathway
Renal cell carcinoma
RNA transport
Hepatocellular carcinoma
Longevity regulating pathway
Cellular senescence
NF−kappa B signaling pathway
Proteoglycans in cancer
Ribosome
Human T−cell leukemia virus 1 infection
Cell cycle
Chronic myeloid leukemia
Protein processing in endoplasmic reticulum
0.02
0.03
0.04
0.05
GeneRatio
Count
40
60
80
100
padj
1.00
0.75
0.50
0.25
0.00
D
POLK
MSH6
MSH3
AREG
HBEGF
EREG
PDGFA
ERBB3
PDGFC
FGF23
RAPC
ANGPT1
ABL2
TCF7
APC
RASGRF2
GNA12
CACNG4
CACNA1H
ECSIT