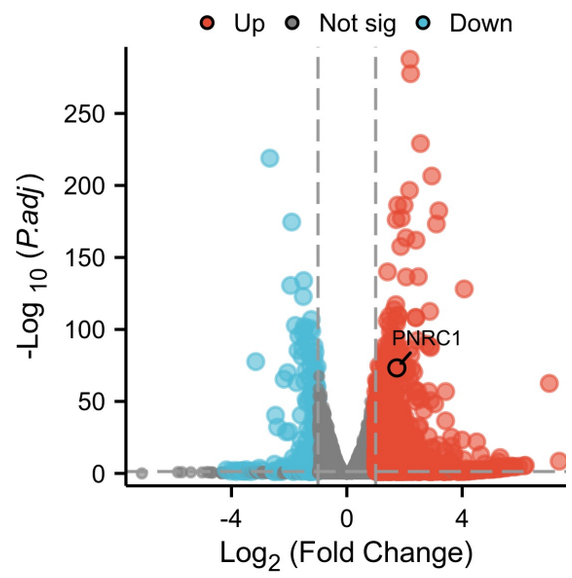
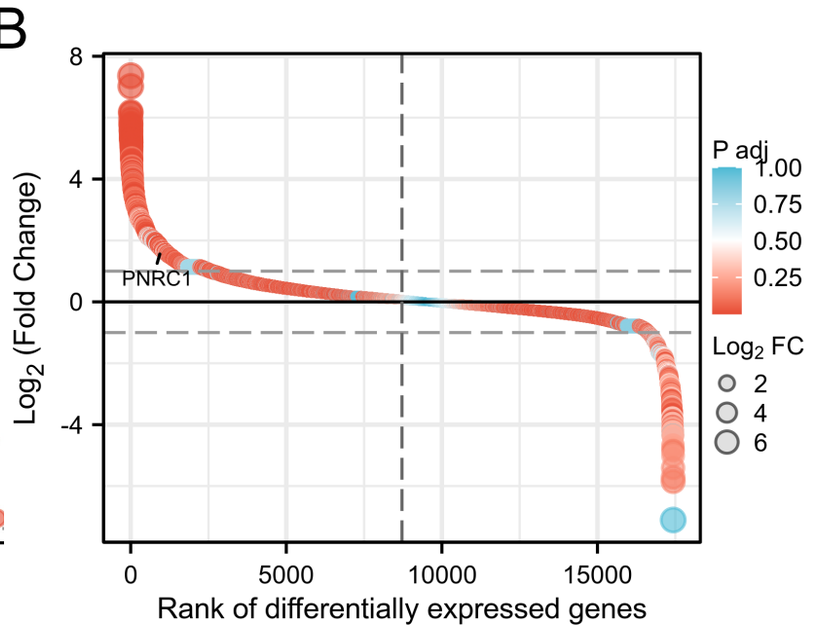
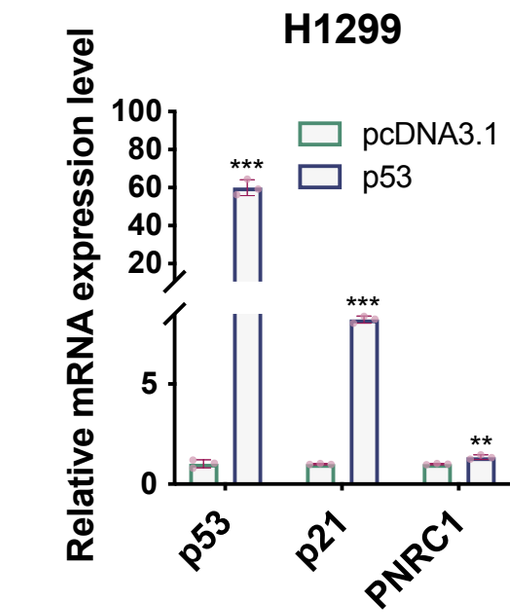
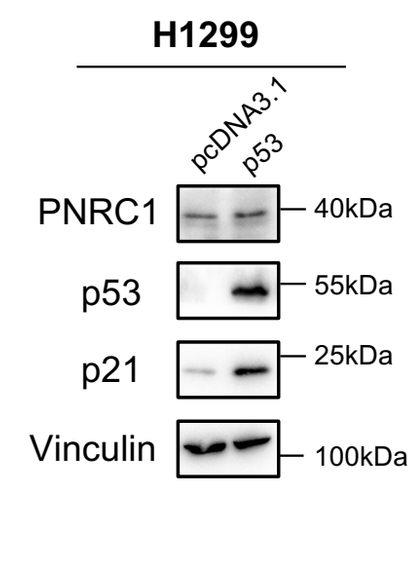
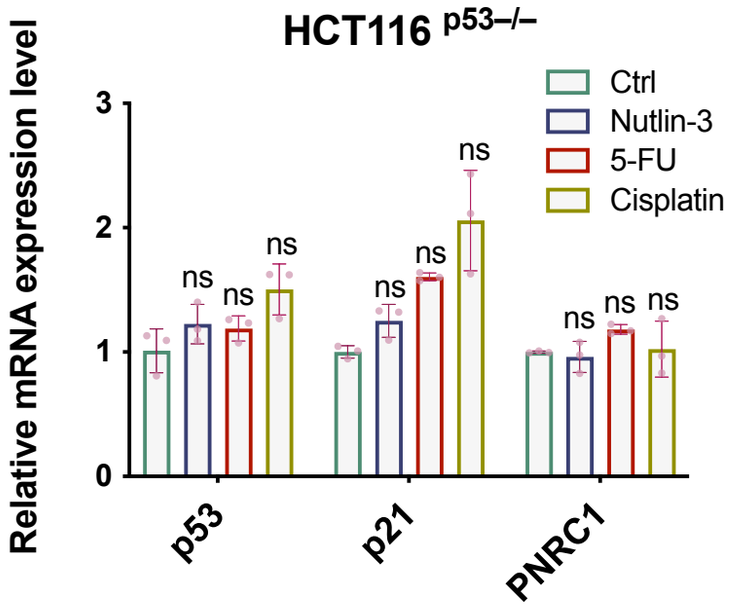
Figure S1

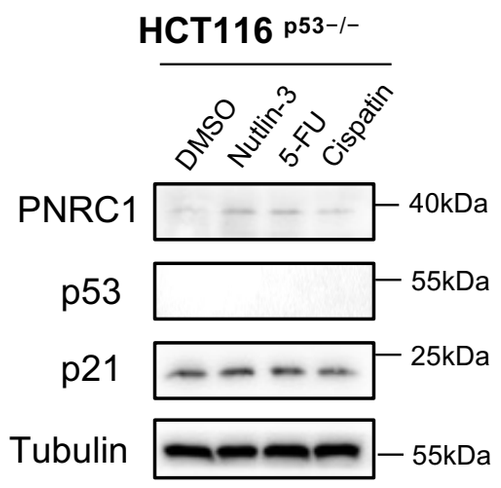

A
Up
Not sig
Down
PNRC1
-Log 10 (P.adj)
Log2 (Fold Change)

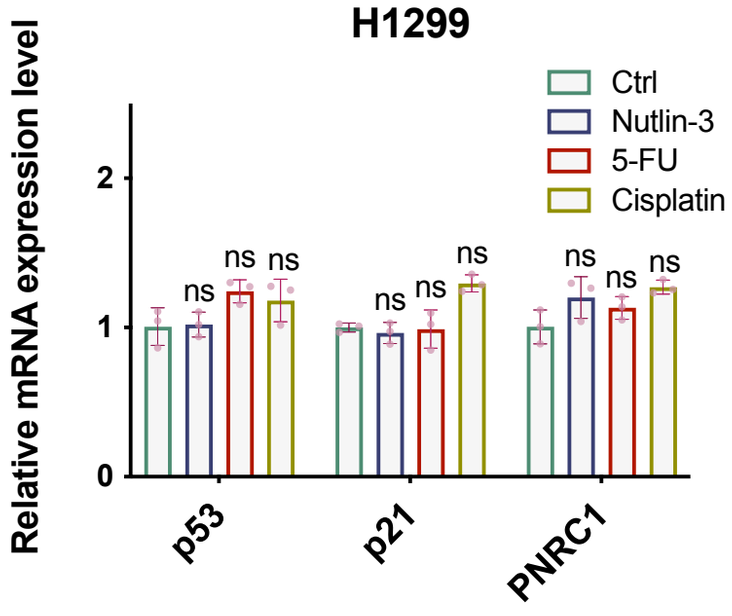

B
PNRC1
Log2 (Fold Change)
Rank of differentially expressed genes
P adj
Log2 FC

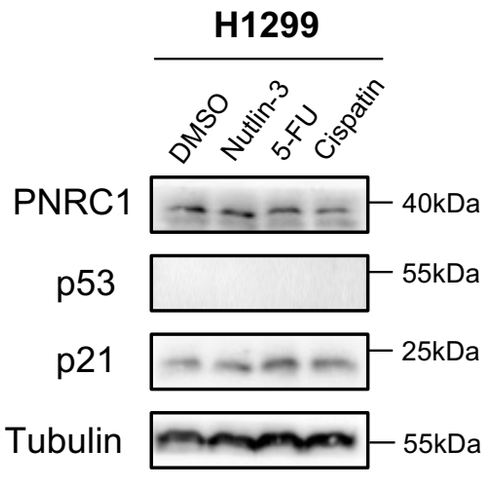

G
H1299
Relative mRNA expression level
pcDNA3.1
p53
p53
p21
PNRC1

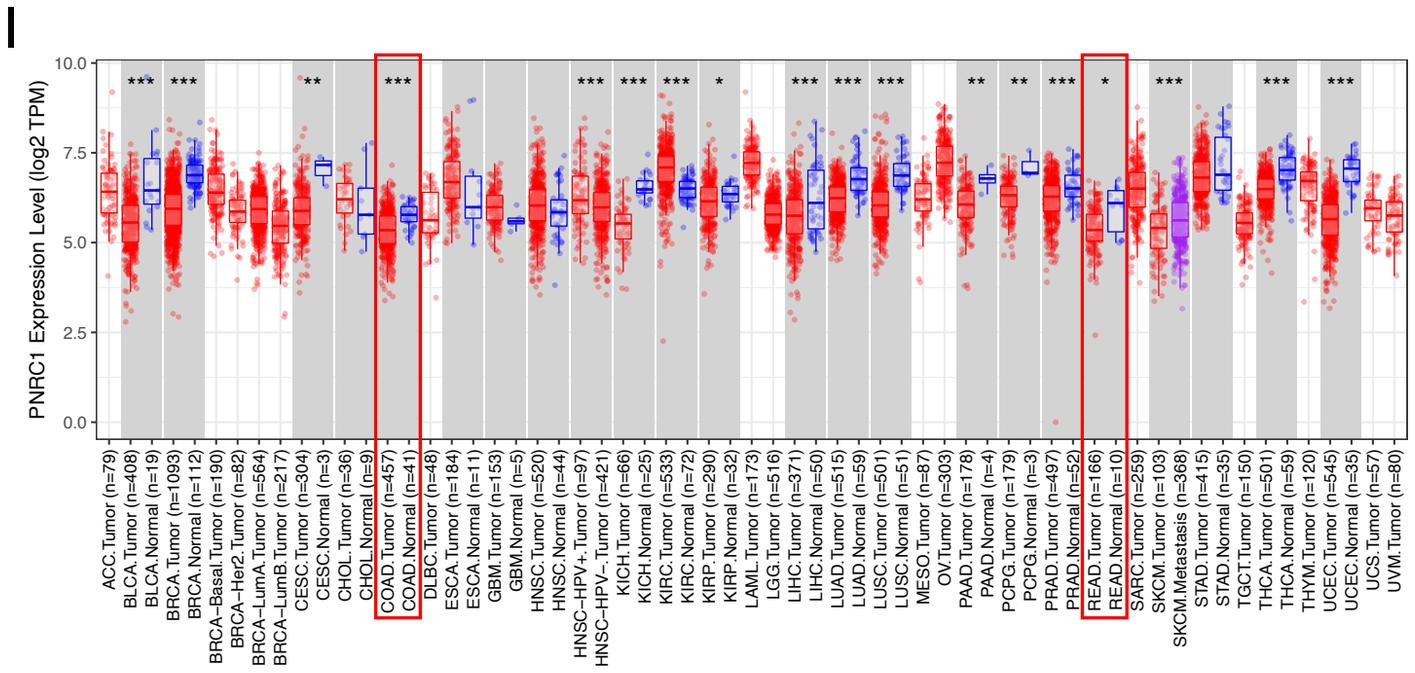

H
H1299
pcDNA3.1
p53
PNRC1
p53
p21
Vinculin
40kDa
55kDa
25kDa
100kDa

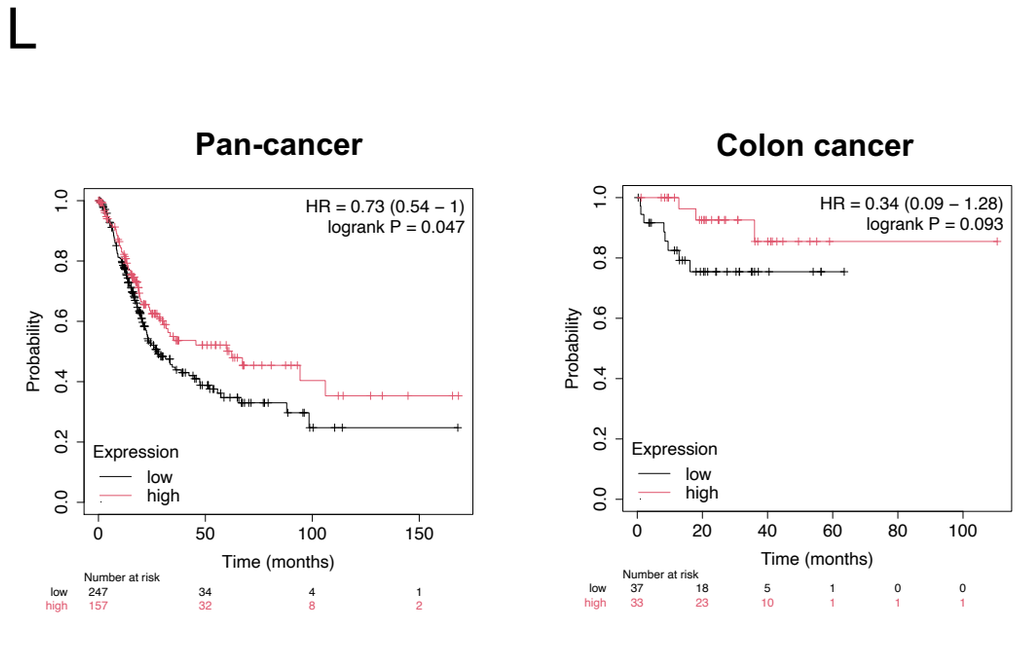

HCT116 p53−/−
Relative mRNA expression level
Ctrl
Nutlin-3
5-FU
Cisplatin
p53
p21
PNRC1

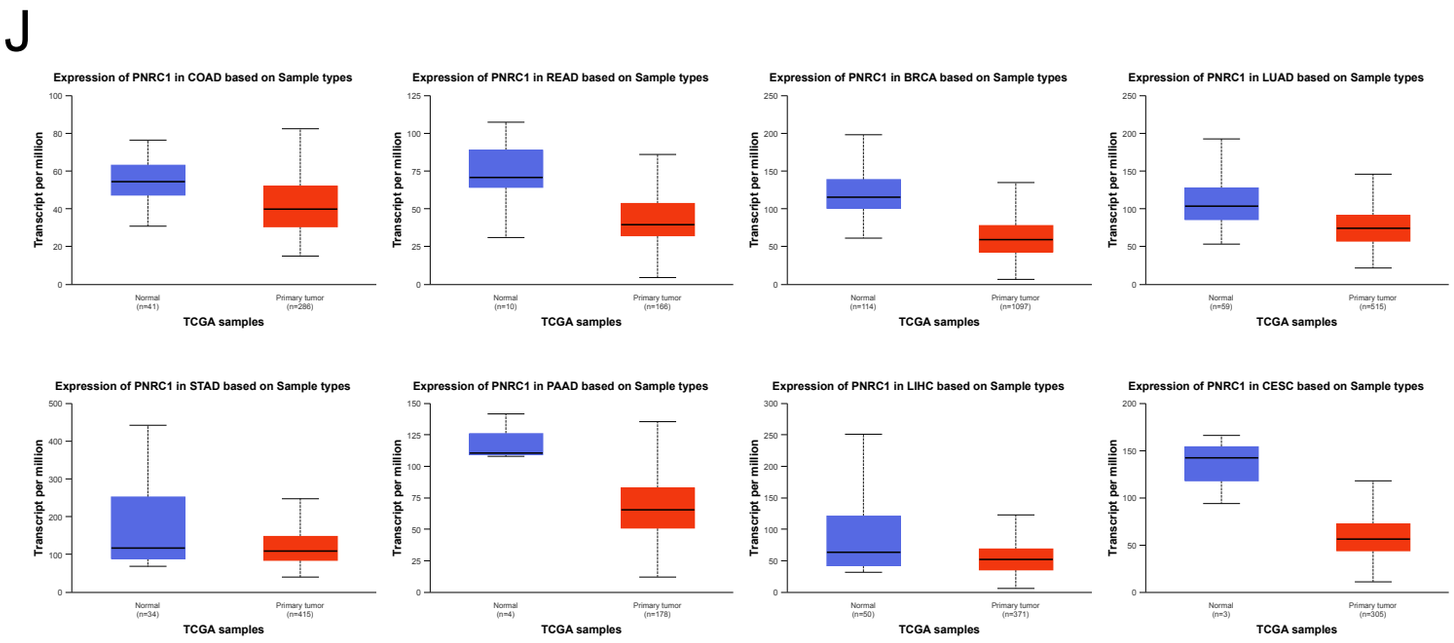

HCT116 p53−/−
DMSO
Nutlin-3
5-FU
Cisplatin
PNRC1
p53
p21
Tubulin
40kDa
55kDa
25kDa
55kDa

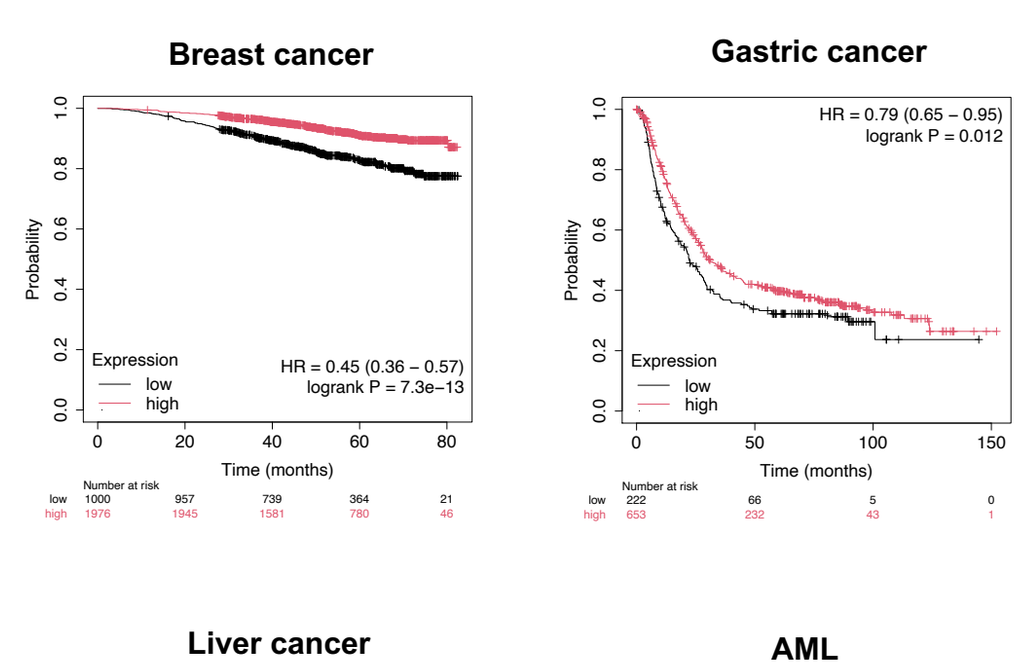

H1299
Relative mRNA expression level
Ctrl
Nutlin-3
5-FU
Cisplatin
p53
p21
PNRC1

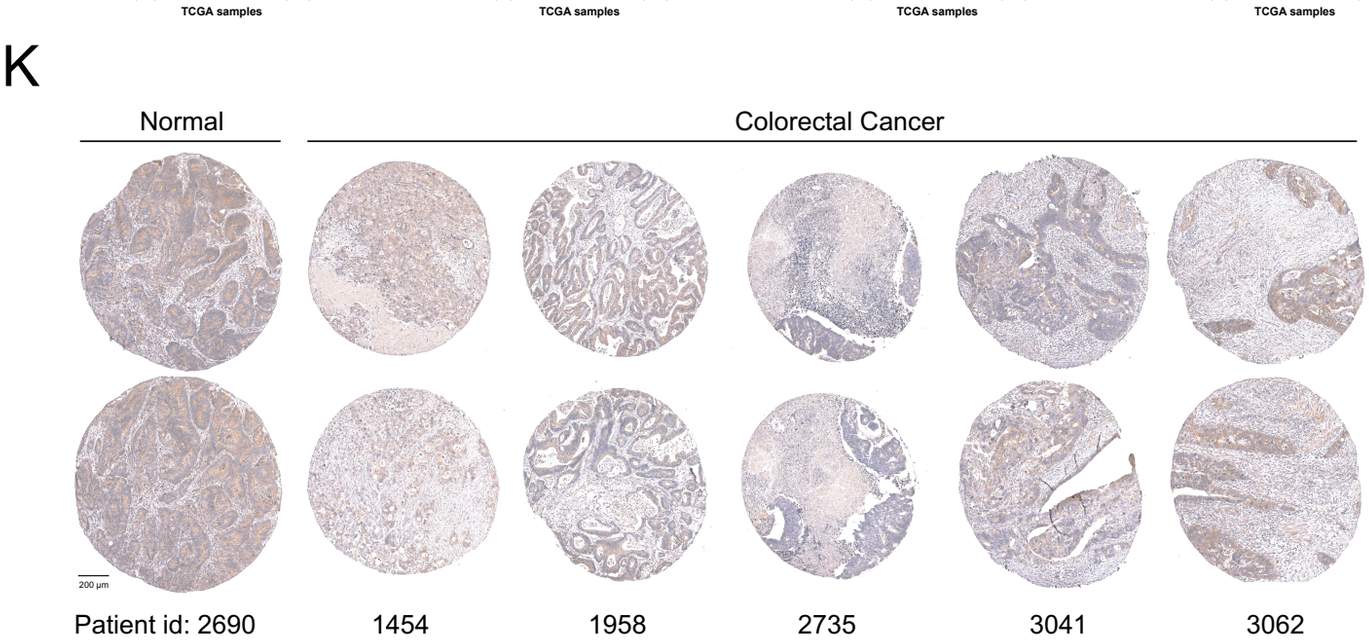

H1299
DMSO
Nutlin-3
5-FU
Cisplatin
PNRC1
p53
p21
Tubulin
40kDa
55kDa
25kDa
55kDa


I
PNRC1 Expression Level (log2 TPM)
TCGA samples


L
Pan-cancer
HR = 0.73 (0.54 – 1)
logrank P = 0.047
Colon cancer
HR = 0.34 (0.09 – 1.28)
logrank P = 0.093
Probability
Expression
low
high
Time (months)
Number at risk


J
Expression of PNRC1 in COAD based on Sample types
Expression of PNRC1 in READ based on Sample types
Expression of PNRC1 in BRCA based on Sample types
Expression of PNRC1 in LUAD based on Sample types
Expression of PNRC1 in STAD based on Sample types
Expression of PNRC1 in PAAD based on Sample types
Expression of PNRC1 in LIHC based on Sample types
Expression of PNRC1 in CESC based on Sample types
Transcript per million
TCGA samples


Breast cancer
HR = 0.45 (0.36 – 0.57)
logrank P = 7.3e−13
Gastric cancer
HR = 0.79 (0.65 – 0.95)
logrank P = 0.012
Probability
Expression
low
high
Time (months)
Number at risk


K
Normal
Colorectal Cancer
200 μm
Patient id: 2690
1454
1958
2735
3041
3062

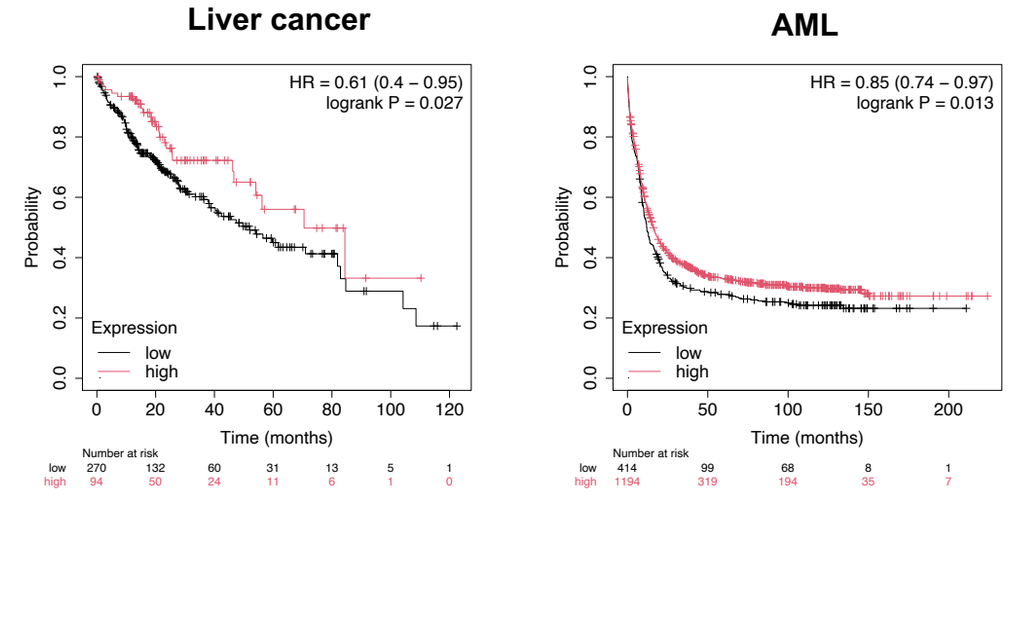
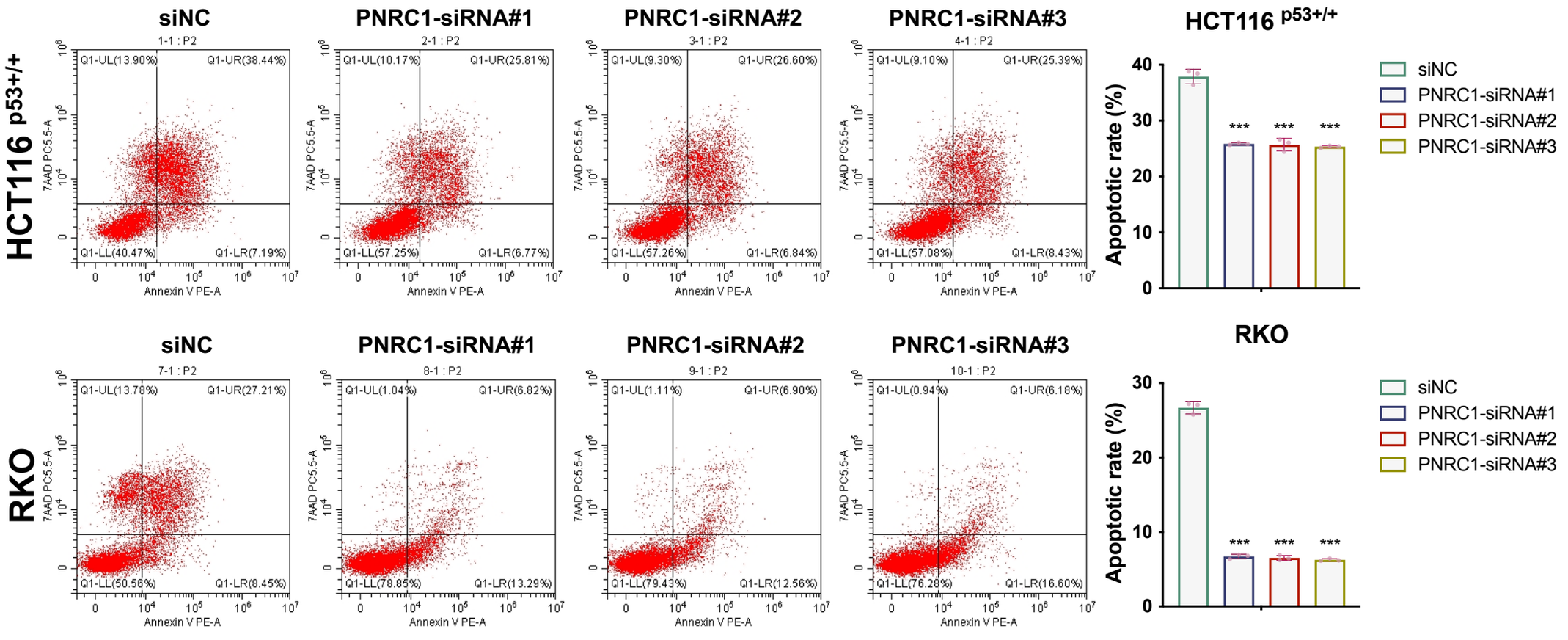
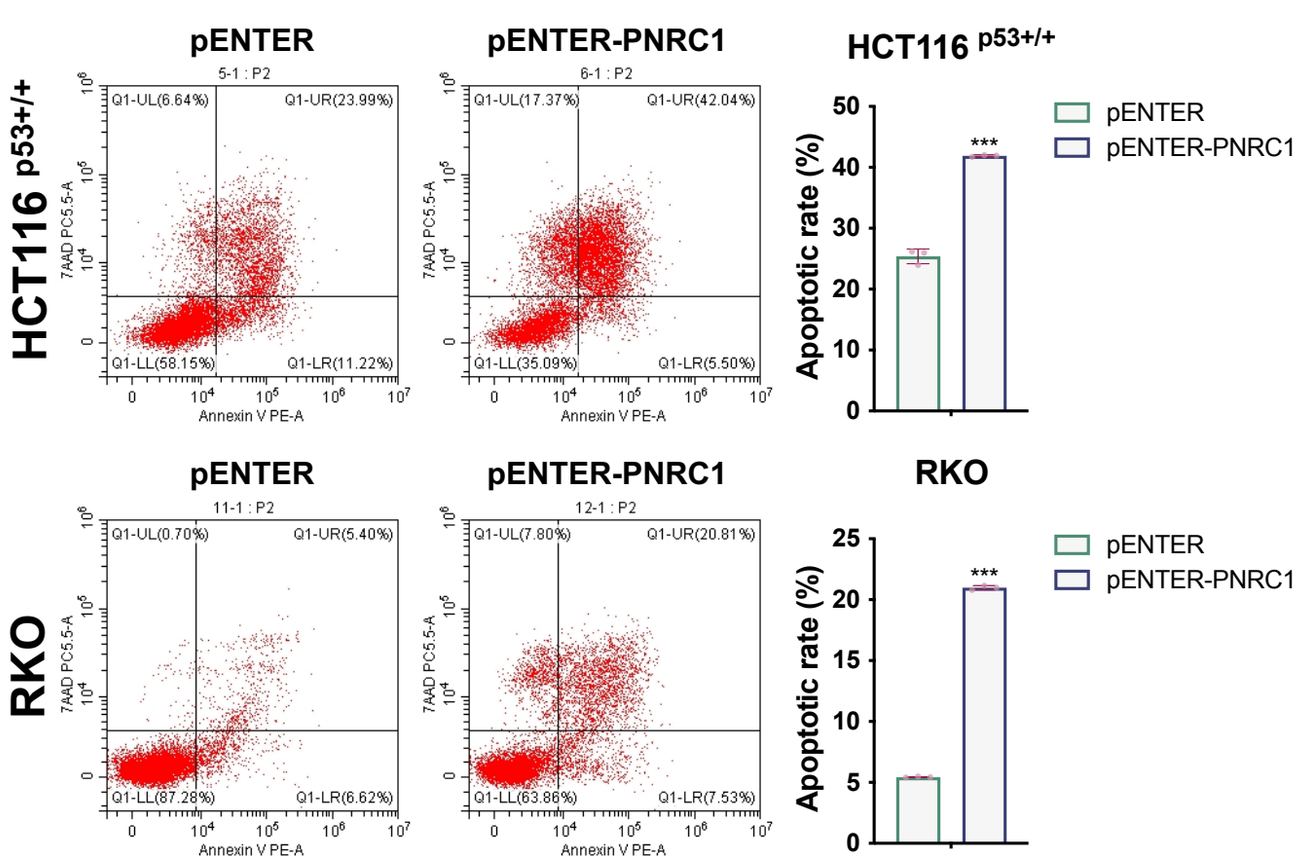

Liver cancer
HR = 0.61 (0.4 – 0.95)
logrank P = 0.027
AML
HR = 0.85 (0.74 – 0.97)
logrank P = 0.013
Probability
Expression
low
high
Time (months)
Number at risk

Figure S2

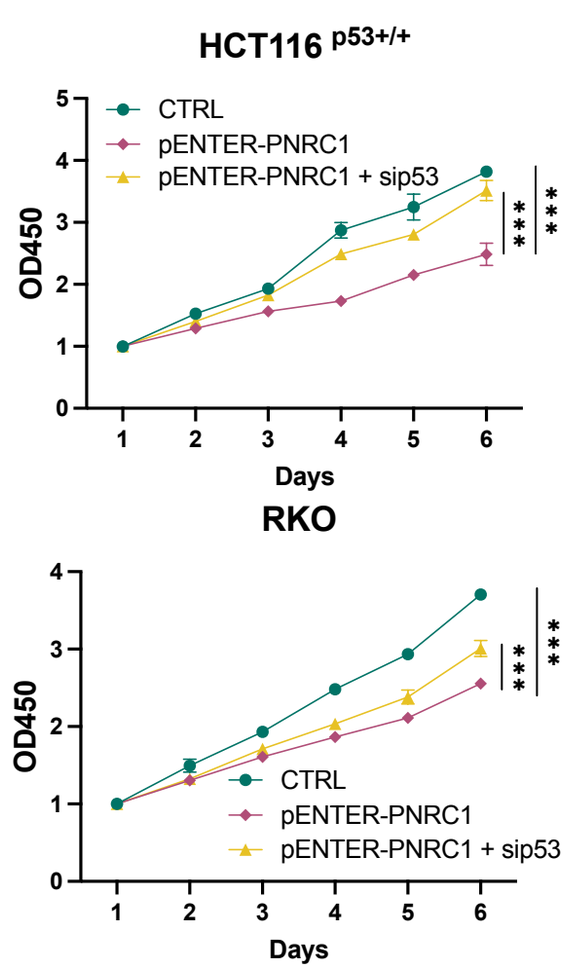
A



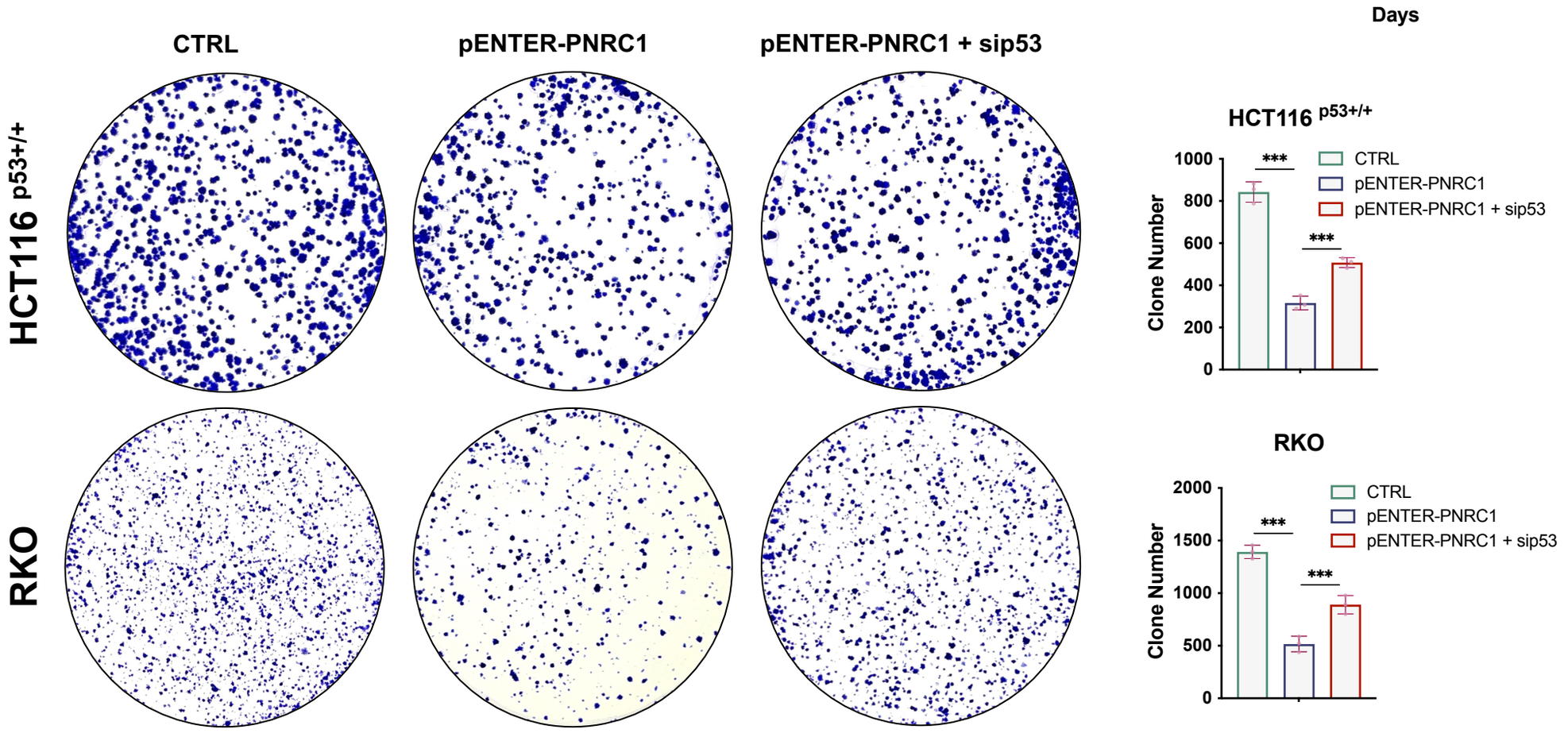
B



C



D



E

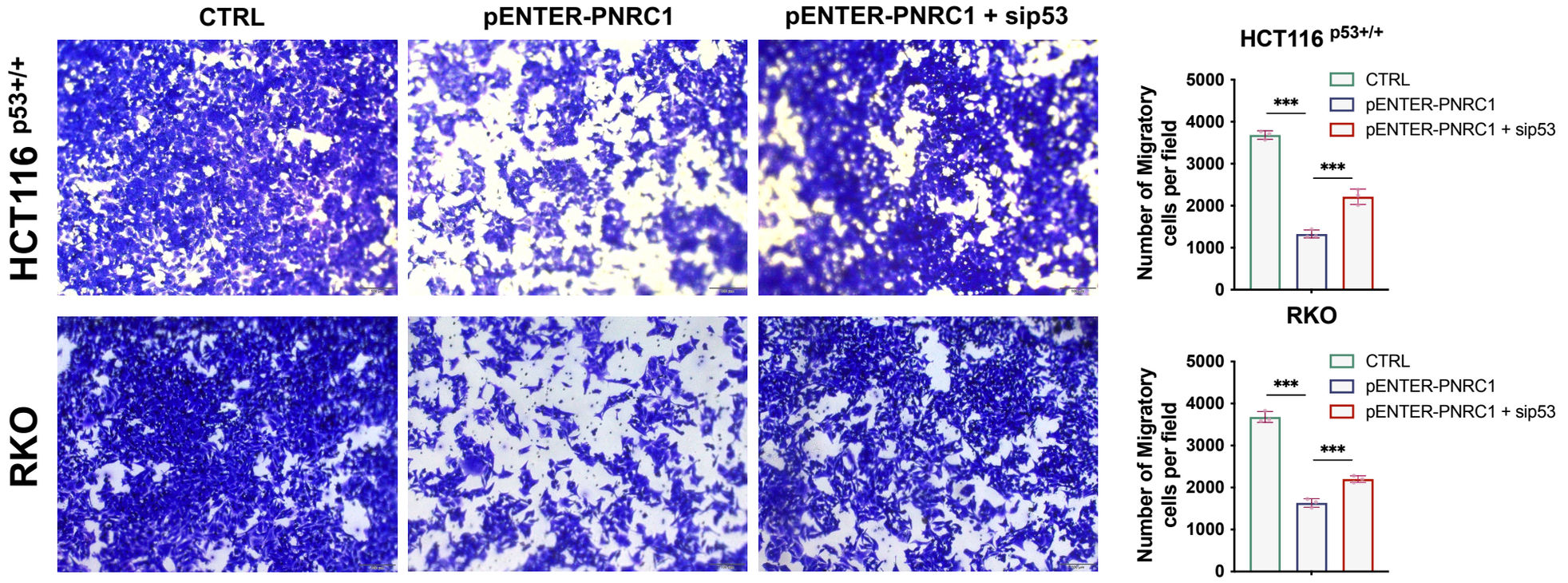
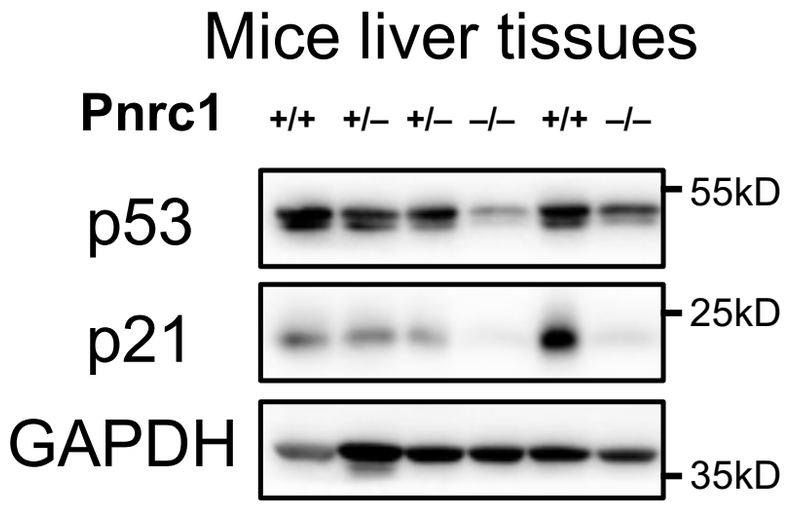
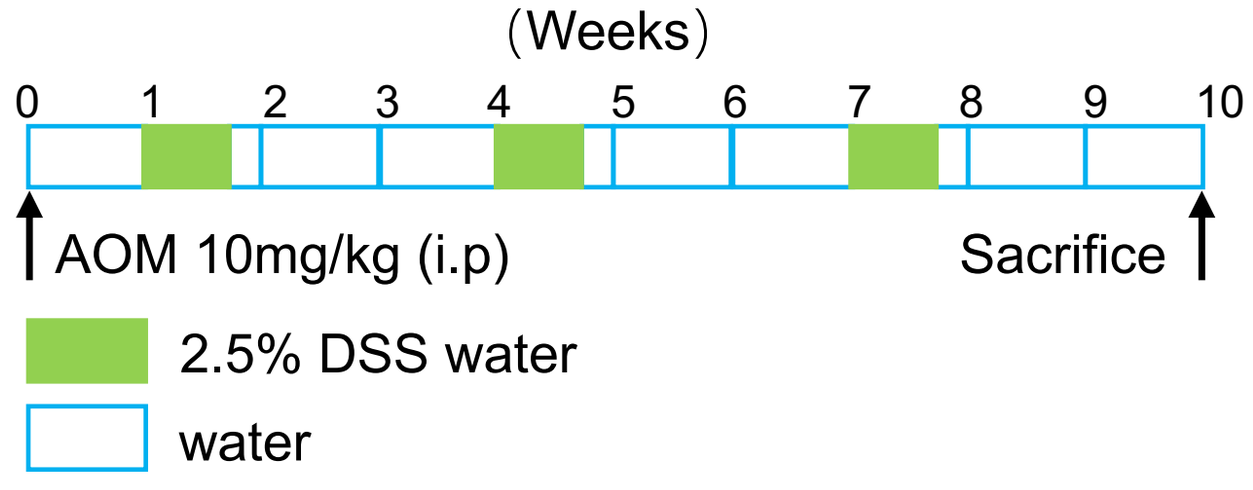


Figure S3

A


Mice liver tissues
Pnrc1
+/+ +/– +/– –/– +/+ –/–
p53
55kD
p21
25kD
GAPDH
35kD

B


(Weeks)
0 1 2 3 4 5 6 7 8 9 10
AOM 10mg/kg (i.p)
Sacrifice
2.5% DSS water
water