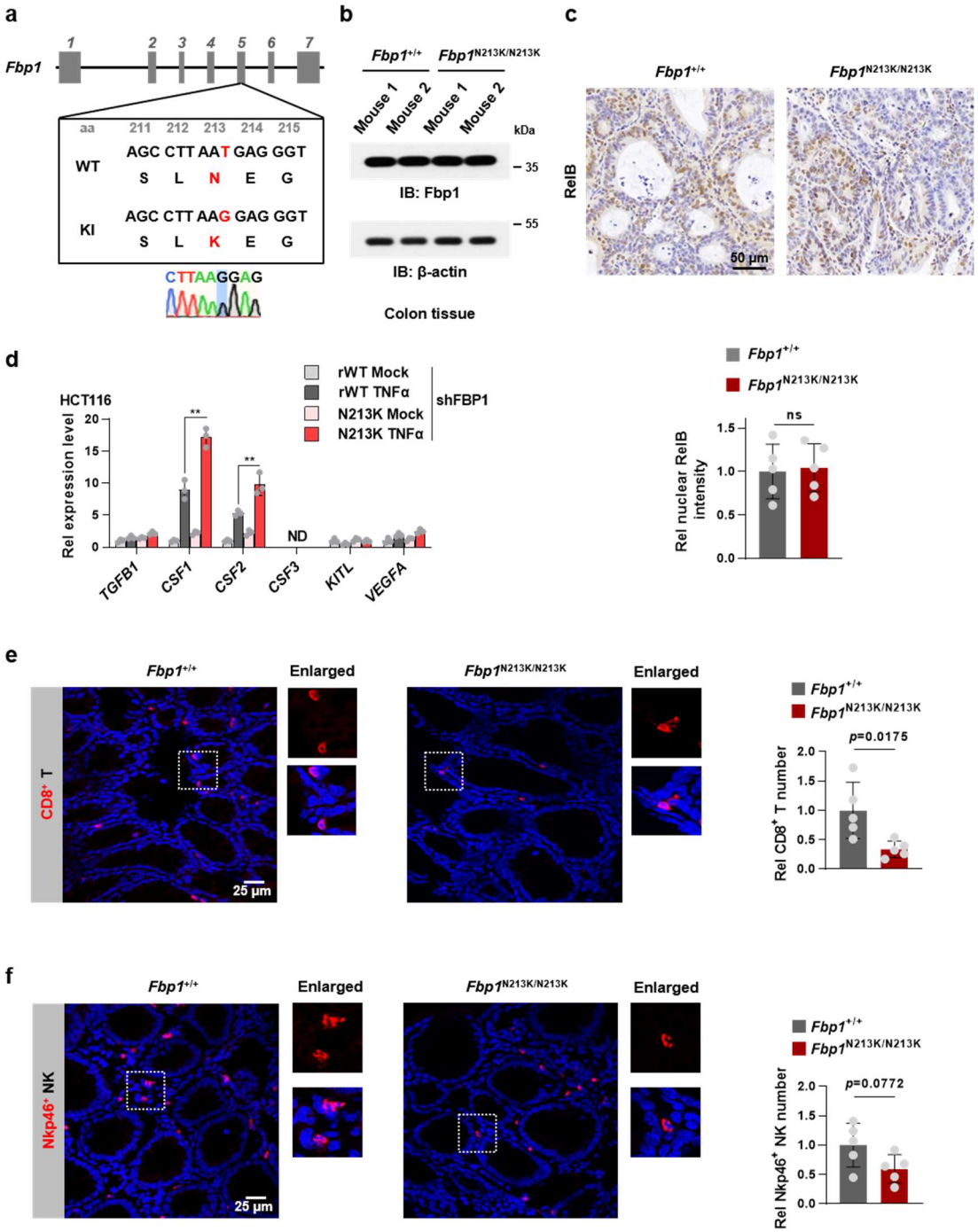

Supplementary information, Fig. S4 FBP1-catalyzed IκBα dephosphorylation suppresses colorectal tumorigenesis by promoting inflammation-associated cell death and preventing MDSCs mobilization. Related to Fig. 4.

a *Fbp1*$^{N213K/N213K}$ mice were generated.

b FBP1 expression was examined in colon tissues from *Fbp1*$^{+/+}$ and *Fbp1*$^{N213K/N213K}$ mice.

c Representative images of RelB staining in tumor sections from *Fbp1*$^{+/+}$ and *Fbp1*$^{N213K/N213K}$

mice (n = 5) were shown (top panel). The statistical analysis of nuclear RelB levels was shown on the bottom panel.

d FBP1-depleted HCT116 cells were rescued with rFBP1 WT or N213K. Cells were treated with or without 10 ng/ml TNFα for 12 h. Cells were harvested and subjected to real-time qPCR. Data represent the mean ±s.d. of the indicated values from three biologically independent experiments (two-tailed Student's t-test).

e IF staining with anti-CD8 antibody were performed in AOM/DSS-induced tumor sections from *Fbp1*$^{+/+}$ and *Fbp1*$^{N213K/N213K}$ mice. Representative images of CD8 staining were shown (left panel). The statistical analysis was shown on the right panel.

f IF staining with anti-Nkp46 antibody was performed in colon sections from *Fbp1*$^{+/+}$ and *Fbp1*$^{N213K/N213K}$ mice. Representative images of Nkp46 staining were shown (left panel). The statistical analysis was shown on the right panel. Each symbol represents an individual mouse.

c, e, f each symbol represents an individual mouse. Data represent the mean ±s.d. of the indicated values obtained from five mice (two-tailed Student's t-test).