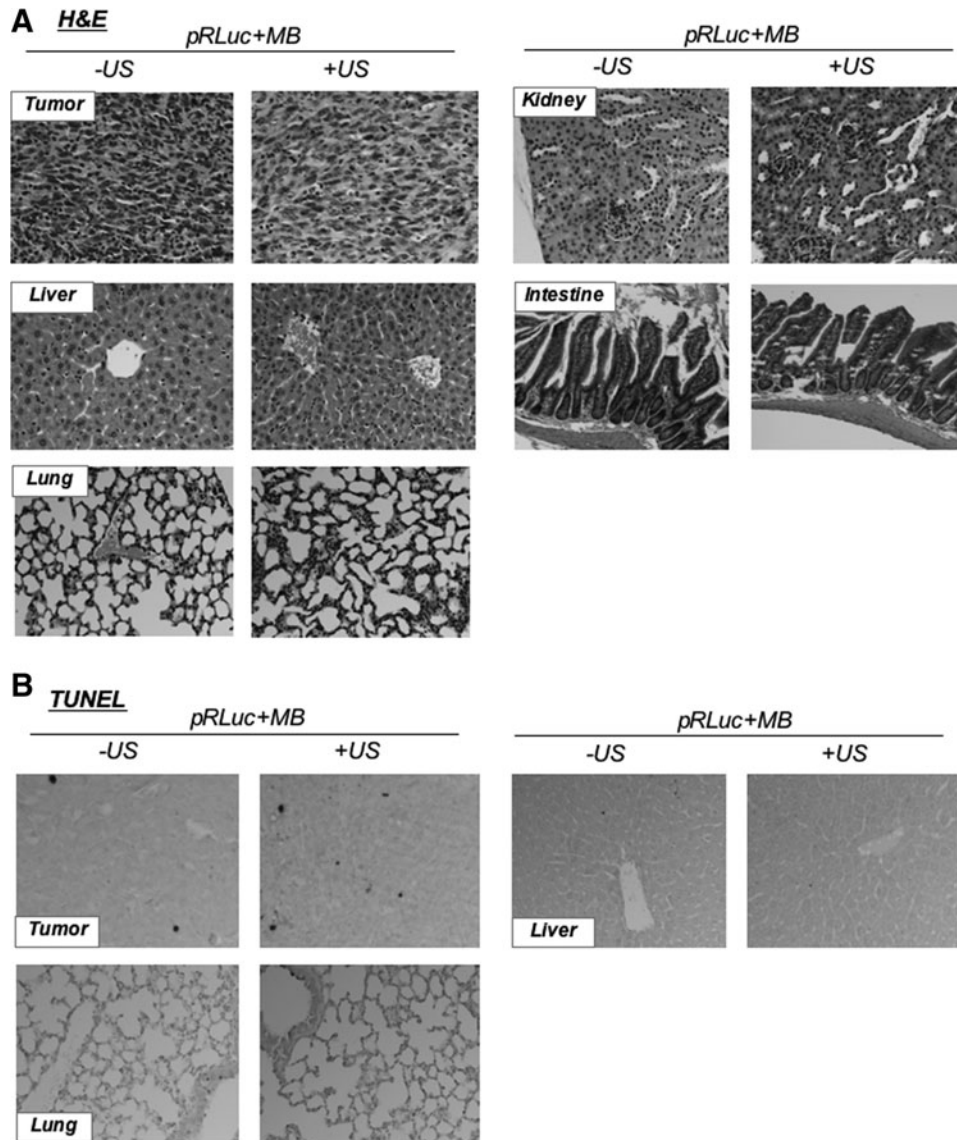
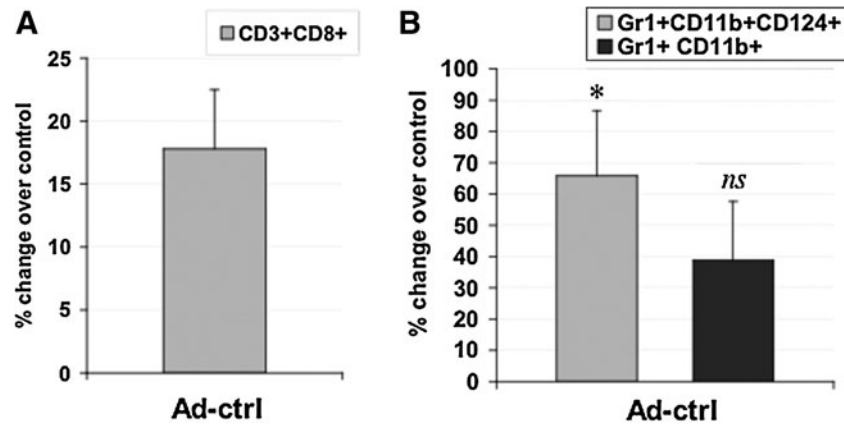


Supplementary Data



SUPPLEMENTARY FIG. S1. Histology examination of sonoporated tumors or tissues. **(A)** Hematoxylin and eosin (H&E) staining of sonoporated RM1 prostate tumors or surrounding tissues does not show any apparent pathological changes as a result of sonoporation under the conditions tested. Magnification, 200 \times . **(B)** TUNEL staining with methyl green counterstain of sonoporated RM1 tumors or surrounding tissues does not show any apparent increases in cellular apoptosis or necrosis as a result of sonoporation under the conditions tested. TUNEL-positive cells stain brown. Magnification, 200 \times .



SUPPLEMENTARY FIG. S2. Effects of Ad control vector on immune cell populations isolated from TRAMP-C2 tumors. **(A)** Adenoviral control vector Ad-ctrl (Ad-GFP) as a trend increased the numbers of CD3⁺CD8⁺ immune effectors in tumors compared with the sonoporation control group (pORF empty pDNA+MB+US), but this difference was not significant ($p=0.13$). *ns*, not significant with $p>0.05$. **(B)** Ad-ctrl enhances MDSC population numbers within treated tumors compared with the sonoporation control group. A population with markers Gr1⁺CD11b⁺CD124⁺ was significantly enhanced ($p<0.04$) by Ad-ctrl treatment; for a population with Gr1⁺CD11b⁺ markers, however, there was a trend of enhanced numbers, but this was not significant ($p=0.07$). * $p<0.05$; *ns*, not significant with $p>0.05$).