Supplemental Data

Figure S1.

(A) Cell death rates of HFFS-control and HFFS-TERT cells grown in the presence and absence of doxorubicin (1 uM, 12 hr) are determined by trypan blue staining.

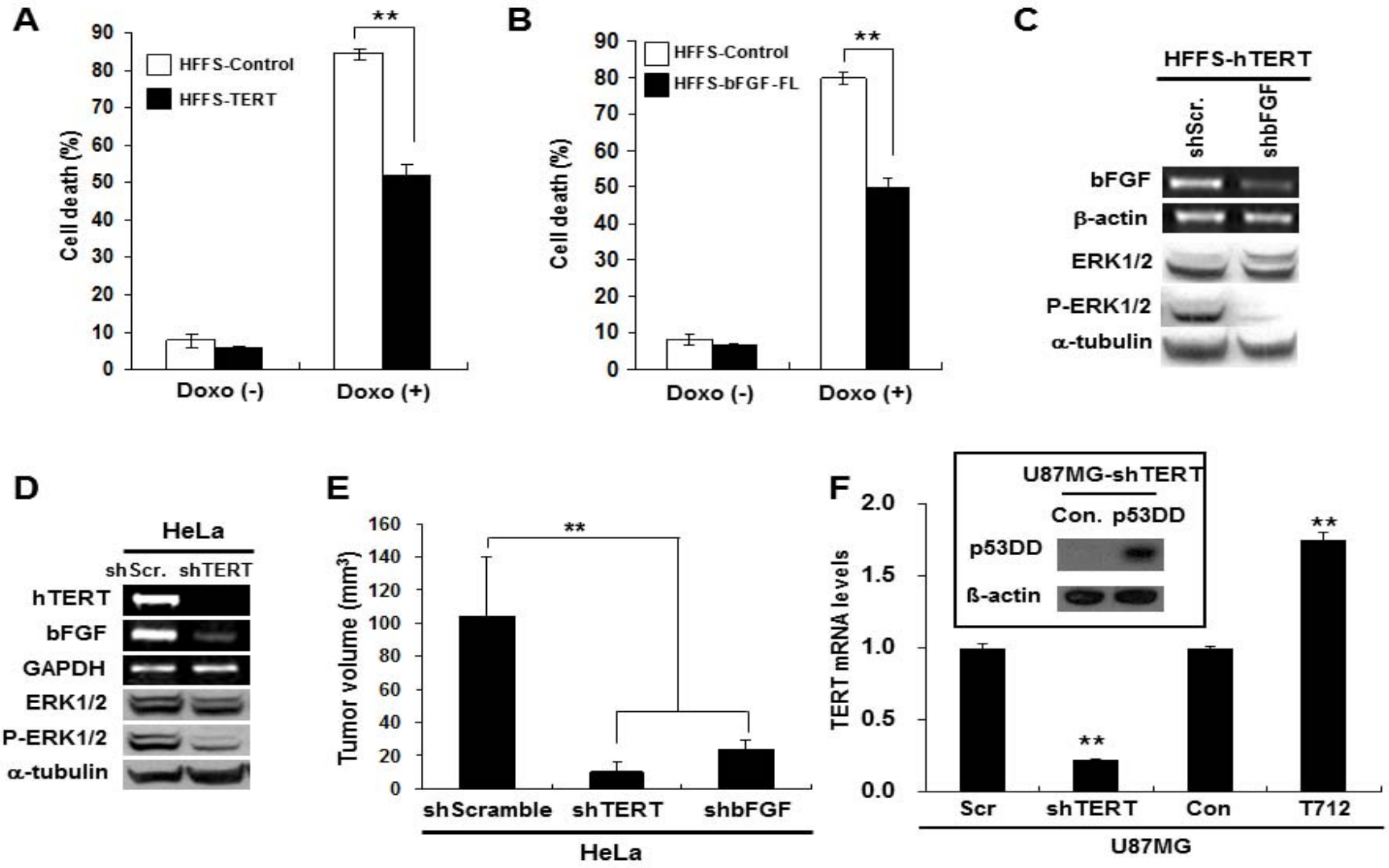
(B) Cell death rates of HFFS-control and HFFS-bFGF full length (FL) cells grown in the presence and absence of doxorubicin (1 uM, 12 hr) are determined by trypan blue staining.

(C) Expression levels of bFGF mRNA and phosphorylated ERK1/2 proteins are decreased in the bFGF-shRNA vector-transduced HFFS-TERT cells (HFFS-TERT-shbFGF cells, left panel).

(D) Expression levels of TERT and bFGF mRNAs as well as phosphorylated ERK1/2 proteins are decreased in the TERT-shRNA vector-transduced HeLa cells (HeLa-shTERT cells).

(E) *In vivo* tumor formation potentials of HeLa-shScramble, HeLa-shTERT and HeLa-shbFGF cells were determined by injecting 1 X 10^6 indicated cells into nude mouse subcutaneously (n = 6).

(F) Expression levels of TERT mRNA in U87MG-shScramble, U87MG-shTERT, U87MG-control, and U87MG-TERT-D712A cells were determined by semi-quantitative RT-PCR. Overexpression of a dominant negative p53 mutant (p53DD) protein in the U87MG cells was determined by Western blot analysis. The β-actin was used for an equal loading control.



Supplementary Figure 1