

Folic acid inhibits COLO-205 colon cancer cell proliferation through activating the FR α /c-SRC/ERK1/2/NF κ B/TP53 pathway: *in vitro* and *in vivo* studies

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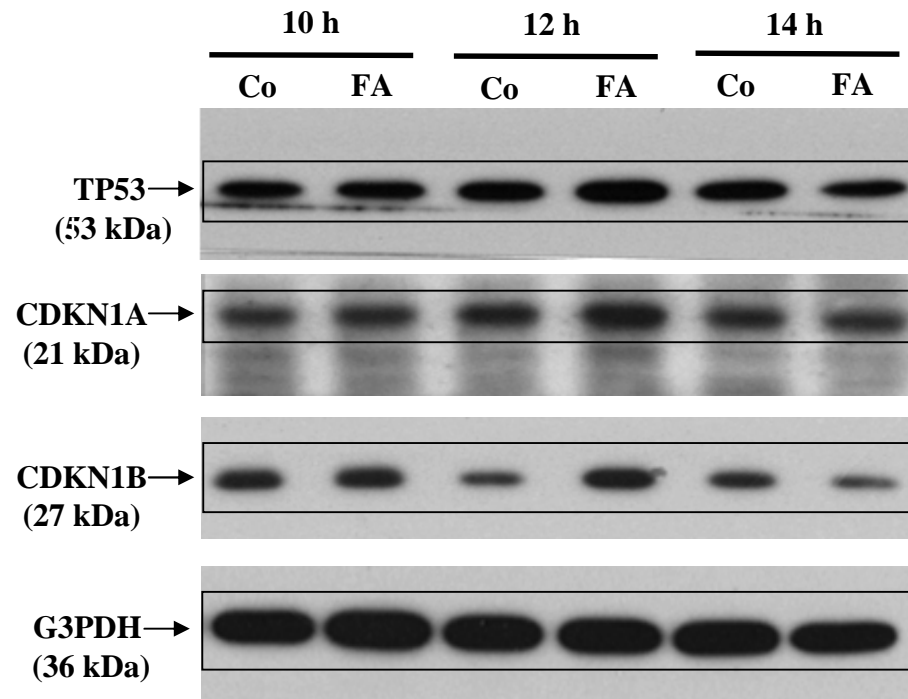
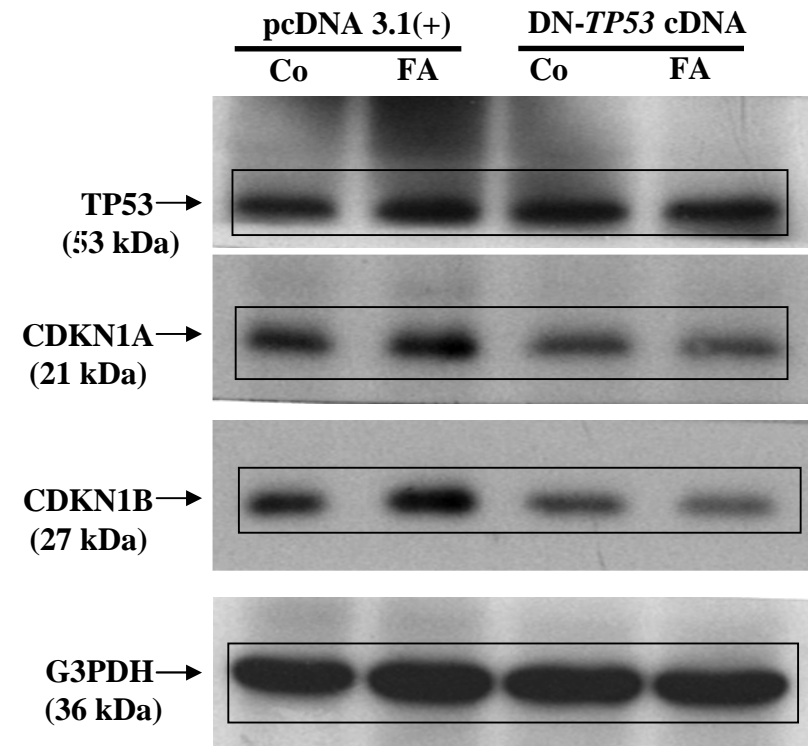
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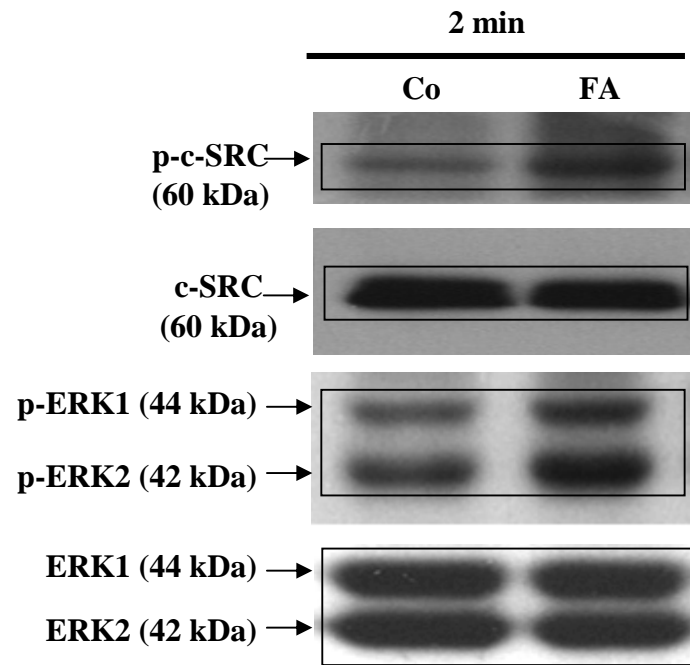
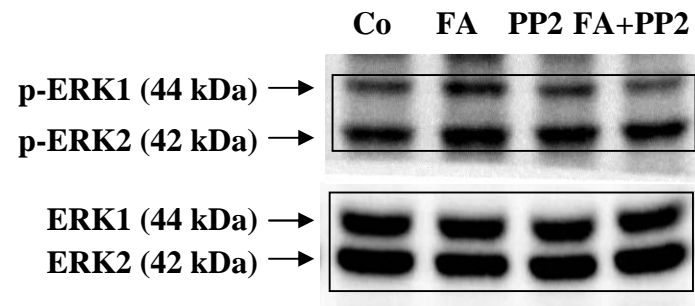
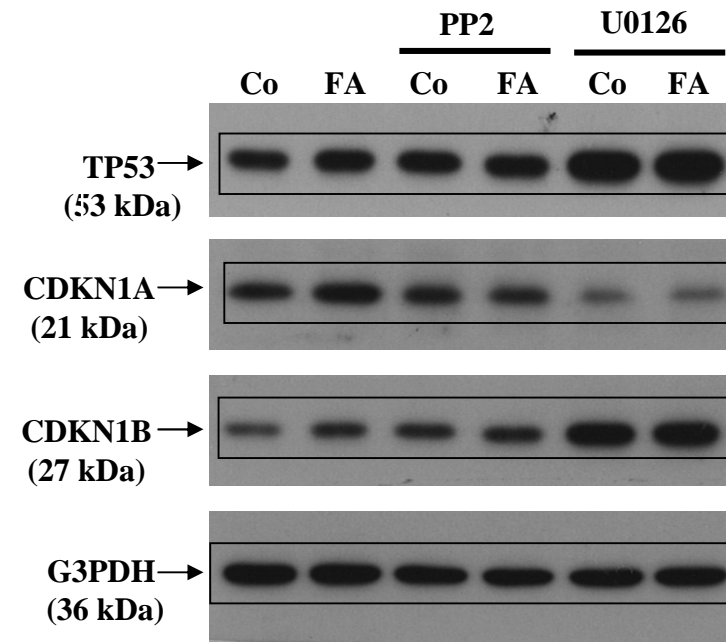
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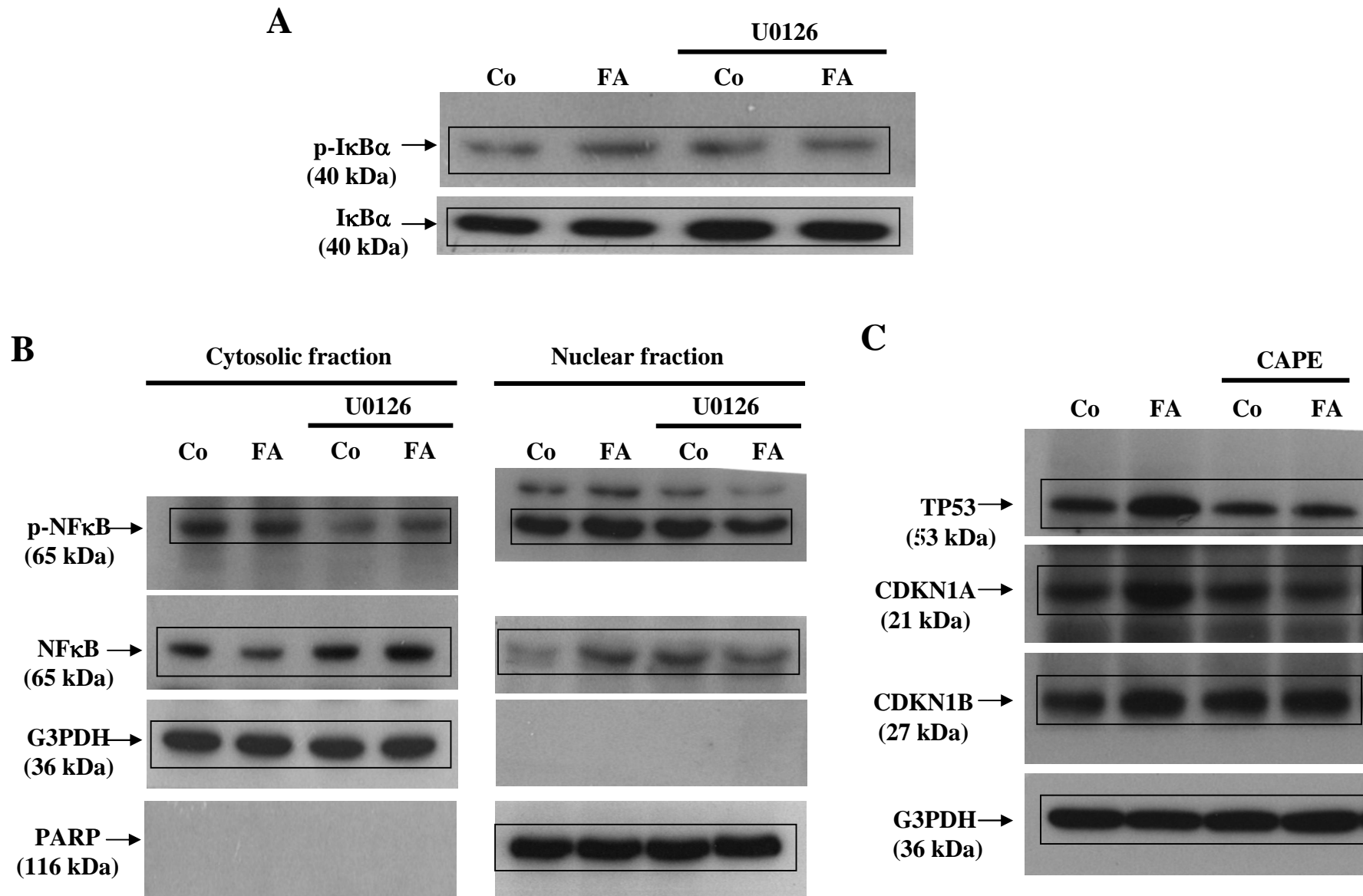
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A**B**

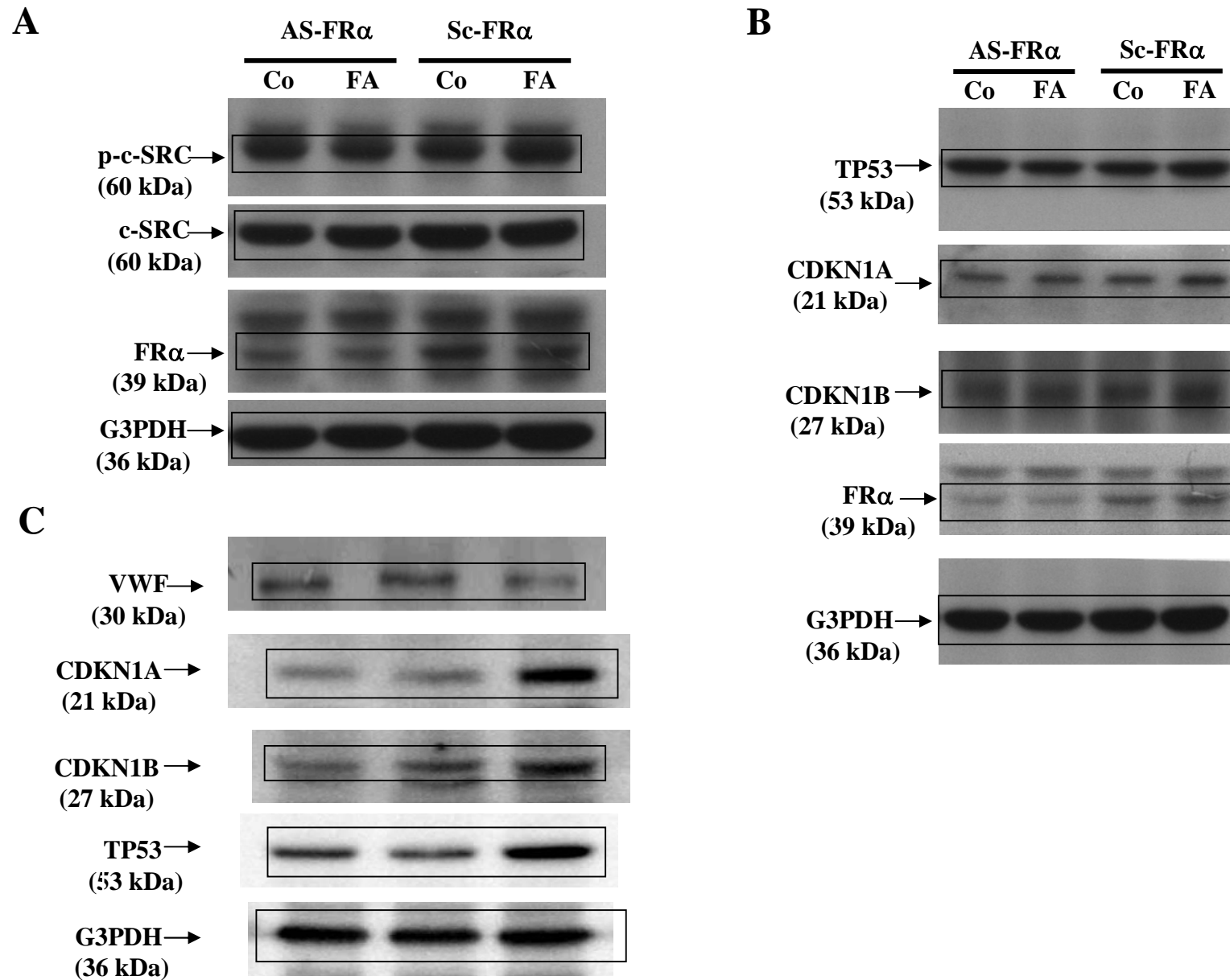
Suppl. Fig. 1. The entire gel pictures of Figures 1 and 2 in the text. (A) Corresponding to Fig. 1C. (B) Corresponding to Fig. 2A. The cropping lines and the molecular weight of each protein were indicated .

A**B****C**

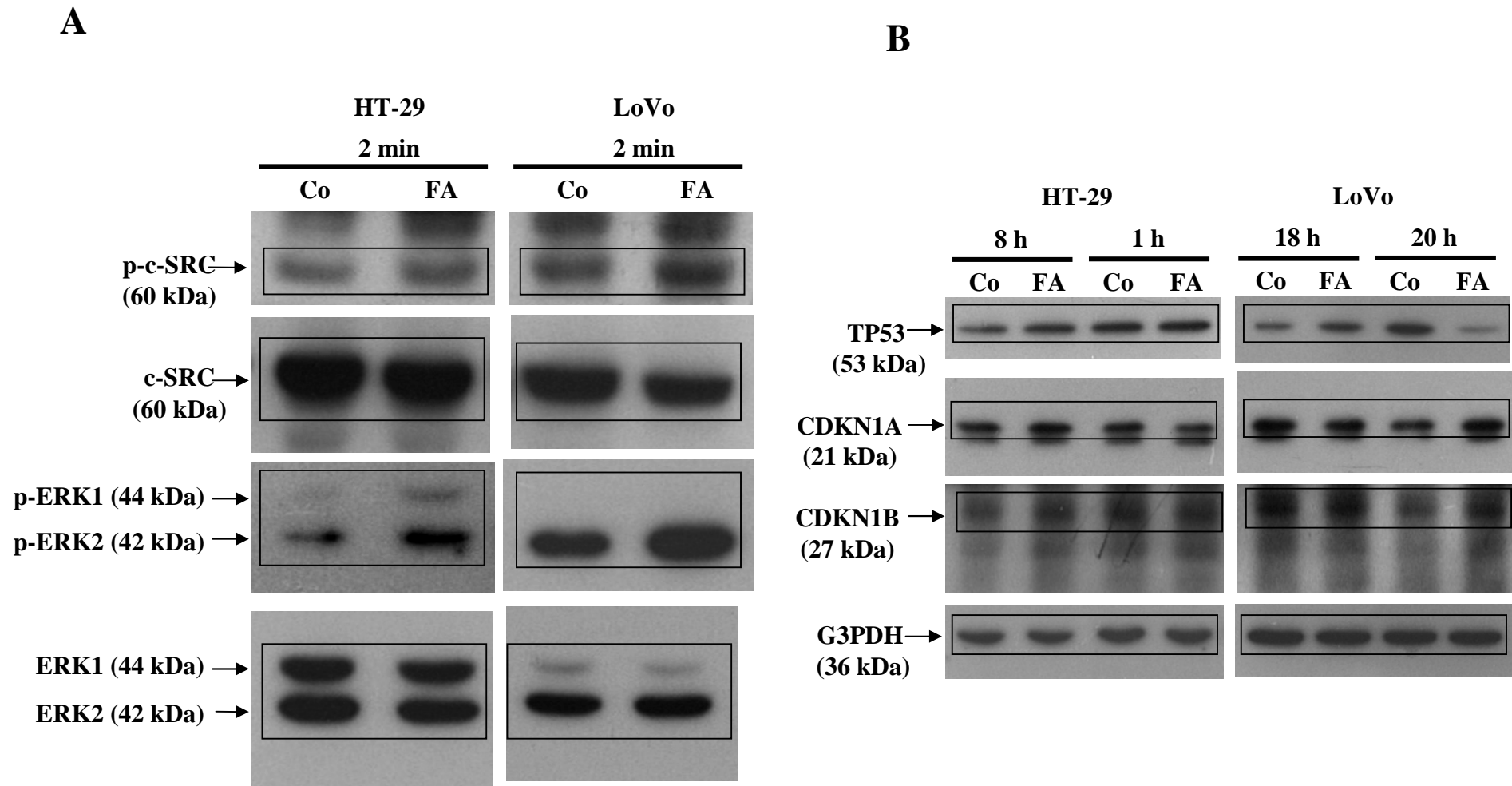
Suppl. Fig. 2. The entire gel pictures of Figure 3 in the text. (A) Corresponding to Fig. 3A. (b) Corresponding to Fig. 3B. (c) Corresponding to Fig. 3C. The cropping lines and the molecular weight of each protein were indicated.



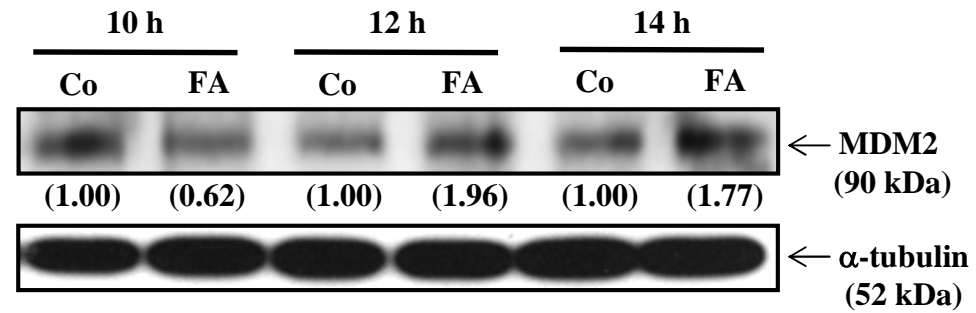
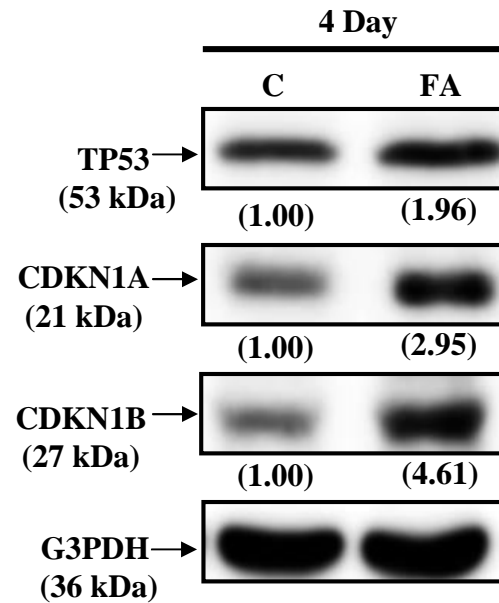
Suppl. Fig. 3. The entire gel pictures of Figure 4 in the text. (A) Corresponding to Fig. 4A. (B) Corresponding to Fig. 4B. (C) Corresponding to Fig. 4C. The cropping lines and the molecular weight of each protein were indicated .



Suppl. Fig. 4. The entire gel pictures of Figures 5 and 6 in the text. (A) Corresponding to Fig. 5B. (B) Corresponding to Fig. 5C. (C) Corresponding to Fig. 6A. The cropping lines and the molecular weight of each protein were indicated.



Suppl. Fig. 5. The entire gel pictures of Figure 7 in the text. (A) Corresponding to Fig. 7C. (B) Corresponding to Fig. 7D. The cropping lines and the molecular weight of each protein were indicated .

A**B**

Suppl. Fig. 6. Effects of FA treatment on the levels of MDM2, TP53, CDKN1A and CDKN1B protein in COLO-205. (A) Treatment with FA (10 μ M) for 12 or 14 h increased the level of MDM2 protein in COLO-205. (B) The increased levels of TP53, CDKN1A and CDKN1B protein were observed in the COLO-205 after four days continuous treatment with FA (10 μ M).