



**Fig. S1.** The efficiencies of plasmids. (A-E) The efficiencies of sh-circCOL1A2-1/2/3, miR-1286 mimics, miR-1286 inhibitor, pcDNA3.1-RFC2 and sh-USP10-1/2/3 were assessed by qPCR. Student's *t*-test and one-way ANOVA were used for comparison detection. \*\*  $p < 0.01$ .