

Figure S1

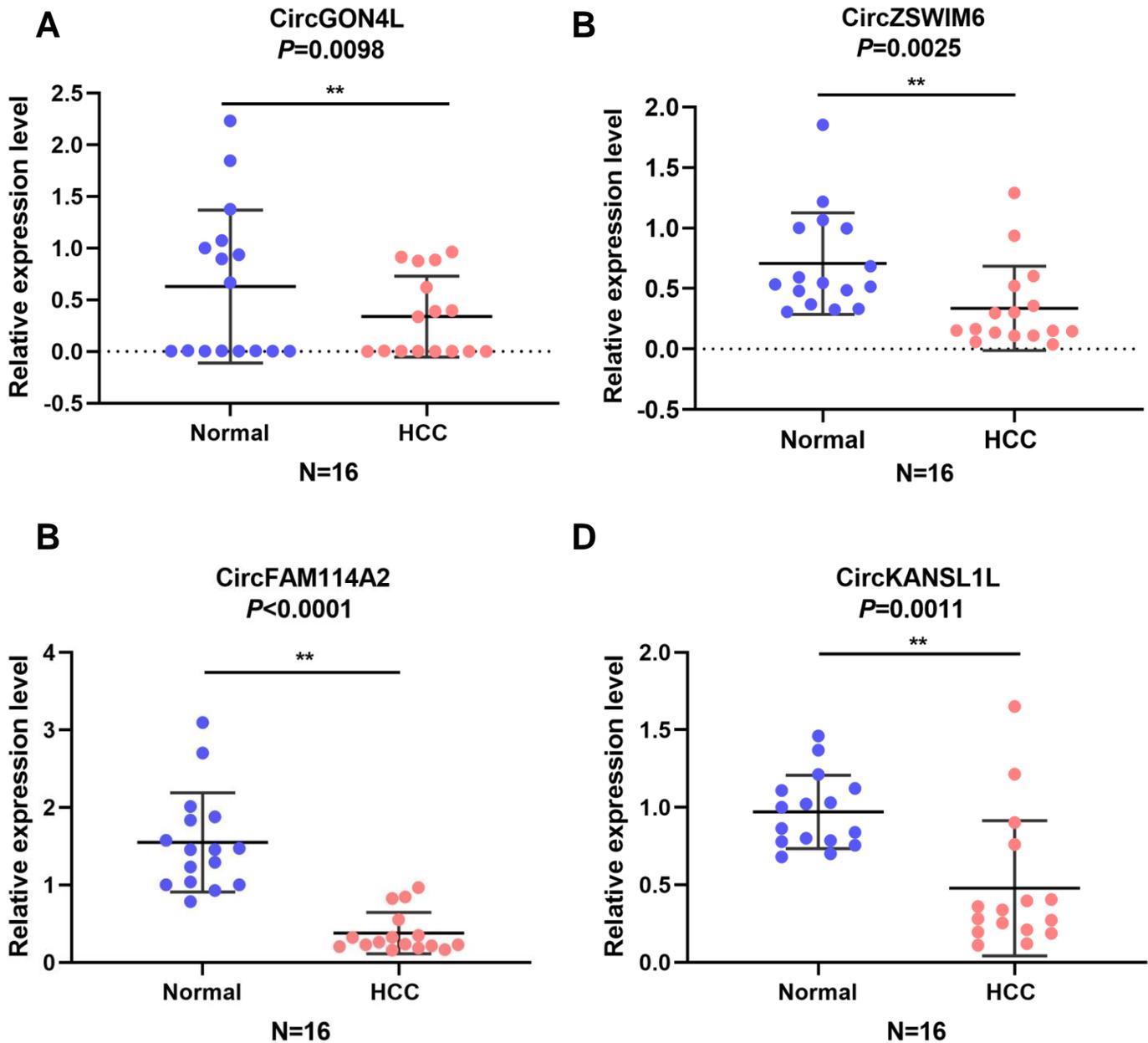


Figure S1. Screening of circFAM114A2. (A-D) Relative expression levels of four candidate circRNAs in 16 pairs of HCC and adjacent tissues were detected by qRT-PCR. ** $p < 0.01$.

Figure S2

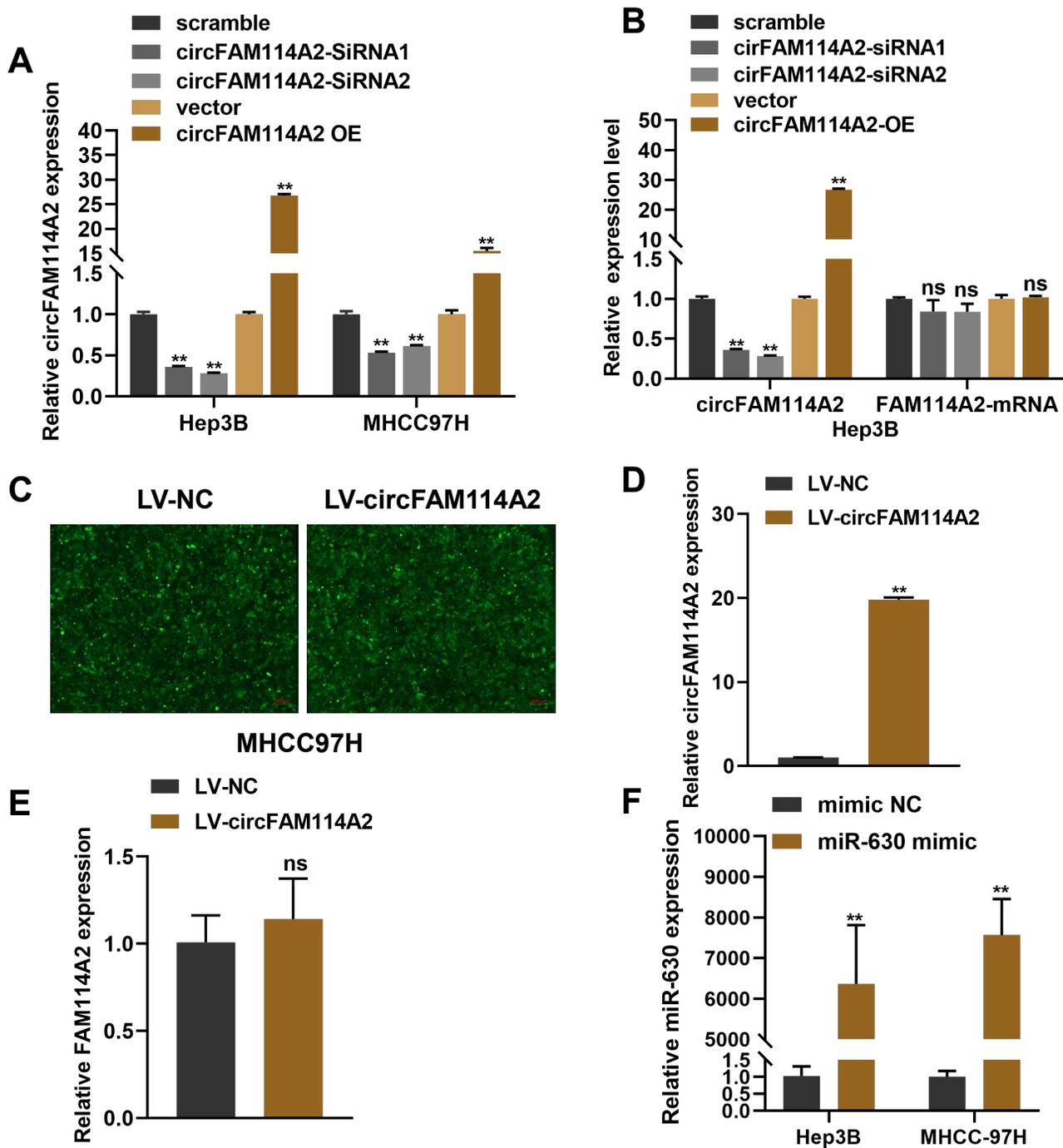


Figure S2. Transfection efficiencies of circFAM114A2.

(A) The silencing and overexpression efficiency of circFAM114A2 were determined by qRT-PCR. (B) Relative expression of circFAM114A2 and FAM114A2 was detected in circFAM114A2 silenced and overexpressed cells. (C) MHCC97H cells were transfected with lentivirus overexpressing circFAM114A2 (LV-circFAM114A2) and negative control (LV-NC), the green fluorescence was observed by fluorescence microscope. Scale bars, 200 μ m. (D) The stably overexpression efficiency of circFAM114A2 was determined by qRT-PCR. (E) Relative expression level of FAM114A2 in LV-NC group and LV-circFAM114A2 group were detected by qRT-PCR. (F) When cells were transfected with miR-630 mimic or mimic NC, the relative expression level of miR-630 was detected by qRT-PCR. ns indicates no significance, ** $p < 0.01$.

Figure S3

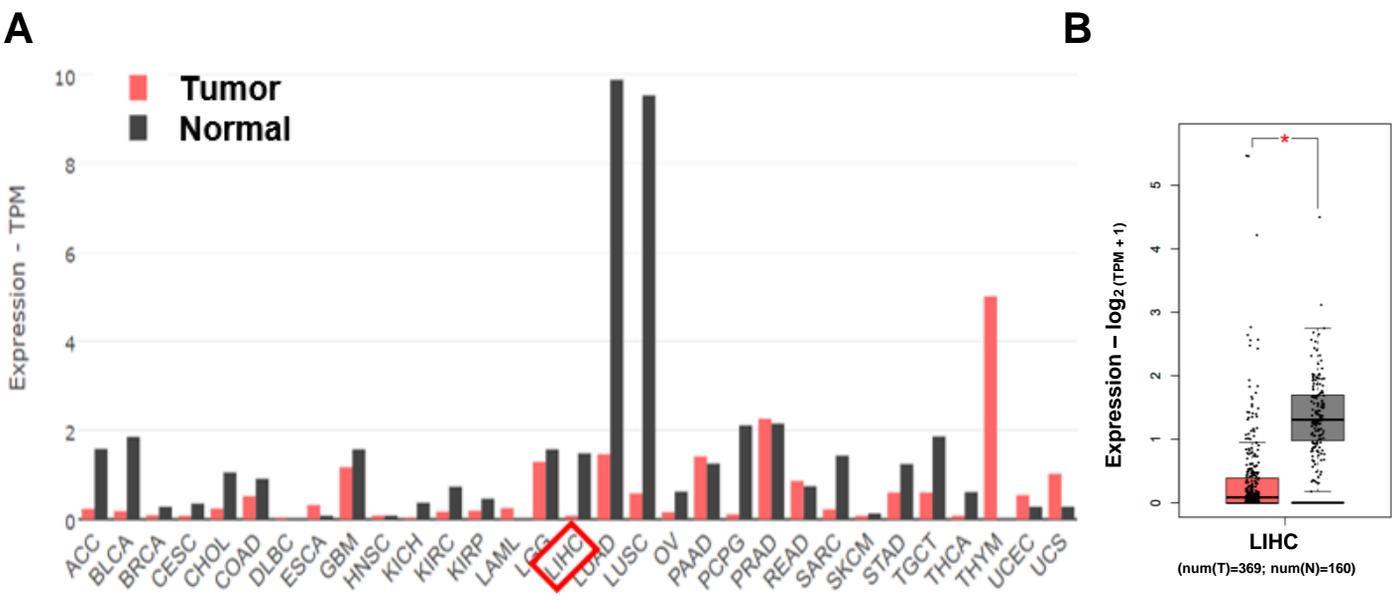


Figure S3. CircFAM114A2 was downregulated in liver cancer tissues. (A) Relative expression levels of HHIP mRNA among different tumor tissues. (B) Relative expression levels of HHIP in live cancer tissues.