**FIGURE S1.** PTBP1 promotes HCC cell growth, invasion, and migration. Assessment of PTBP1 expression in SK-Hep1 cells transfected with pcDNA3.1 and PTBP1(A, B). MTS(C), invasion(D), and migration assays in SK-Hep1 cells transfected with pcDNA3.1 and PTBP1(E). Scale bars, 100 μm. Error bars represent SD from three independent experiments performed in triplicate. \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001.

**FIGURE S2.** RT-PCR validation of PTBP1-affected AS events. The structure of each PCR product is schematically represented on the right. Alternative exons/introns influenced by PTBP1 are highlighted in blue.

**FIGURE S3.** The quantitative of IHC results and WB. (A) The quantitative of Fig1A. (B) The quantitative of Fig3E. (C) The quantitative of Fig4D. (D) The quantitative of Fig5E. All of the data are representative of at least three independent experiments. In our analysis, ns indicate no significant difference. \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001, \*\*\*\**p* < 0.0001.