



Figure S1. MiR-122 expression in HCC cell lines; (A) qPCR analysis of miR-122 levels in eight HCC cell lines. U6RNA was used as housekeeping gene. Y-axis reports $2^{-\Delta\Delta C_t}$ levels expressed in logarithmic form. (B) qPCR analysis of miR-122 and (C) SerpinB3 levels following miR-122 inhibitor (AM-122) or miR-122 mimic transfection in Huh-7 cells stably overexpressing SerpinB3 (Huh-7 SB3), with respect to controls. U6RNA and β -Actin were used as housekeeping genes. Y-axis reports $2^{-\Delta\Delta C_t}$ miR-122 levels expressed in logarithmic form and relative SerpinB3 expression levels. NCi: miRNA inhibitors negative control; NC: miRNA precursor negative control. (* $p < 0.05$).

Table 1. Primer sequences and PCR conditions.

Gene name	Species	Primer Sequences	PCR product (bp)	Anneling T (°C)	Cycles
<i>SerpinB3</i>	Homo sapiens	Fw 5'-AACTCCTGGGTGGAAAAGTCAA-3' Rv 5'-ACCAATGTGGTATTGCTGCCAA-3'	83	60	45
<i>EpCam</i>	Homo sapiens	Fw 5'-CAATGCAGGGTCTAAAAGCTG-3' Rv 5'-CACCCATCTCCTTTATCTCAGC-3'	140	61.8	45
<i>CD133</i>	Homo sapiens	Fw 5'-GTGGATGCAGAACTTGACAA-3' Rv 5'-ACCCTTTGATACCTGCTACG-3'	117	61.8	45
<i>SerpinB3</i>	Rattus Norvegicus	Fw 5'-GAGGTACAGATCGCCAGAAAG-3' Rv 5'-TCCCTGTTTTCTCGTCTGTTC-3'	149	61.8	45
<i>GAPDH</i>	Homo sapiens	Fw 5'-TGGTATCGTGAAGGACTCATGAC-3' Rv 5'-ATGCCAGTGAGCTTCCCCTCAGC-3'	189	60	45
<i>β-ACTIN</i>	Rattus Norvegicus	Fw 5'-CACTTTCTACAATGAGCTGCG-3' Rv 5'-CTGGATGGCTACGTACATGG-3'	147	60	45
<i>SerpinB3 3'UTR</i>	Homo sapiens	Fw 5'-AATCTAGAAGAGAACTCACTGC-3' Rv 5'-ATCTAGAGAAAAGAGAAAAGGCATGC-3'	587	59.5	40