Supplemental Figure 3

A. miR-206 Relative levels

B. Overall survival

C. Ratios of GFP+ cells in livers (%)

D. Kupffer cells

E. Hepatocytes

F. Kupffer cells

G. Relative miR-206 levels

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Supplemental Figure 3 Hydrodynamic injection of miR-206 led to a repression of HCC in AKT/Ras mice. (A) Levels of miR-206 in livers of mice injected with pT3-EF1α (Control, n=6, 5 w.p.i) and AKT/Ras (n=6, 5 w.p.i) (Mann-Whitney test). (B) Low levels of miR-206 predicted a poor survival rate of HCC patients in the TCGA database (log-rank test). (C) GFP-positive liver cells in mice injected with pT3-EF1α-scramble (n=6, 5 w.p.i) or pT3-EF1α-GFP-miR-206 (n=6, 5 w.p.i) (Mann-Whitney test). (D) Increased levels of miR-206 in KCs of AKT/Ras mice injected with pT3-CD68p-miR-206 (n=6, 5 w.p.i) or pT3-CD68p-scramble (n=6, 5 w.p.i) (Mann-Whitney test). (E) Levels of miR-206 in hepatocytes of livers from two groups of mice (Mann-Whitney test). (F) Levels of miR-206 in KCs of AKT/Ras mice injected with MC-CD68p-scramble (n=6, 7 w.p.i) or MC-CD68p-miR-206 (n=6, 7 w.p.i) (Mann-Whitney test). (G) Levels of miR-206 in KCs and MDMs (monocyte-derived macrophages) of FVB/NJ mice injected with pT3-CD68p-miR-206 (Mann-Whitney test). Data represent mean ± SEM. **p < 0.01, ***p < 0.001 and ns: no significance.