

Supplementary Data 1.

Description: A Sindbis virus-based amiRNA library was serially passaged in MIA PaCa-2 cells (n=5), PanC02 cells (n=5), PCa fibroblasts (n=5), and GM38 fibroblasts (n=5). Target RNA sequencing was conducted to elucidate top amiRNA sequences enriched upon selection. Full targeted RNA sequencing data of unpassaged Sindbis virus-based amiRNA library or library passaged is included.

Supplementary Data 2.

Description: Expression of amiR-4 from a VSV Δ 51 platform did not induce drastic changes in the immune tumour microenvironment when compared to virus control in the presence or absence of GSK126 treatment. Full NanoString data set of B16-F10 tumours (n= 2 per group) treated with PBS (Vehicle control), VSV Δ 51-amiR-NTC control and VSV Δ 51-amiR-4 treatment (1E8 pfu/mouse) alone or in combination with Captisol (vehicle control) or GSK126 (50 mg/kg) is included.