



Supplementary Figure 6. QKI-5 suppresses the *in vitro* three-dimensional (3D) organoid-forming capacities of HCT116 cells. **A.** The 3D organoid-forming capacity of HCT116 cells was reduced following infection with a lentivirus vector driving constitutive expression of the QKI-5 cDNA, as compared to infection with an empty vector. Microscope images show the appearance of representative organoids (scale bar: 100 μ m). Histograms report the number of organoids larger than 100 μ m in diameter. Differences in the number of organoids were tested for statistical significance using a two-tailed t-test ($n=3$; $*p < 0.05$; $**p < 0.01$). **B.** Forced expression of QKI-5 abrogated miR-221's ability to enhance the 3D organoid forming capacity of HCT116 cells. Cancer cells were infected with lentivirus constructs driving constitutive expression of miR-221, QKI-5 or no insert, in various combinations. Histograms report the number of organoids larger than 100 μ m in diameter. Differences in the number of organoids were tested for statistical significance using both a two-tailed t-test and a two-way ANOVA test ($n=3$; $*p < 0.05$).