



### S7 Fig. Tumor 6.

Quantification of (A) relative total spheroid area, (B) relative spheroid number, and (C) relative average spheroid size. Quantified mutant subpopulations are plotted (D), with error bars indicating standard deviation. The *KRAS* G12V mutant subpopulation quantified in the 0.1  $\mu\text{M}$  erlotinib culture was significantly greater than that of the 0  $\mu\text{M}$  erlotinib culture or the Tumor 6 TR (one-tailed Mann Whitney test,  $P = 0.0500$ ). *KRAS* G12D MF measurements were not obtained for the 0  $\mu\text{M}$  erlotinib culture. An example of spheroid culture appearance (E) is provided, in which the scale bar = 500  $\mu\text{m}$ .