

Figure S5: ARF6-GTP induces morphologic changes in mouse melanoma cells. Bright field images (100x magnification) of primary mouse melanoma cell lines derived from control  $Braf^{CA}$ ;  $Cdkn2a^{tf}$  (5588) or  $Braf^{CA}$ ;  $Cdkn2a^{tf}$  +  $Arf6^{Q67L}$  (6431, 6455) mice. ARF6-GTP induces elongation/spindling of tumor cells relative to the more polygonal-shaped controls. Scale bars =  $400\mu m$ .