Supplementary Figure 2S: Acute mortality of polyploid cells induced by cytochalasin D. HCT116 cells with the indicated genotype were left untreated or cultured in the presence of cytochalasin D (4 µM), followed by staining with Hoechst 33342, DiOC₆(3) and propidium iodine (PI). A. Representative pictograms showing the polyploid cells with a normal DiOC₆(3) uptake (upper window), as well as polyploid cells with reduced DiOC₆(3) uptake (lower window). Numbers refer to the percentage of polyploid DiOC₆(3)^{low} cells (considering 100% as the sum of all polyploid cells). **B.** Percentage of polyploid cells among the total population of cells. C. Frequency of dying (DiOC₆(3)^{low}) and dead (PI^{high}) cells among the polyploid population elicited by cytochalasin D. Values are X±SEM of three independent experiments. Asterisks refer to significant effects (paired Student t test, p<0.001). **D**. Fate of viable polyploid cells elicited by cytochalasin D. Cells were cultured for 36 h in the absence or presence of cytochalasin D and then stained with Hoechst 33342 and DiOC₆(3), followed by FACS purification of the euploid (2N) or polyploidy (>4N) DiOC₆(3)^{high} cells (windows in the upper panels). These cells were then cultured for 24 hours and re-analyzed after restaining with Hoechst 33342 and DiOC₆(3) (lower panels). The percentage of cells with a DiOC₆(3) low phenotype is indicated.