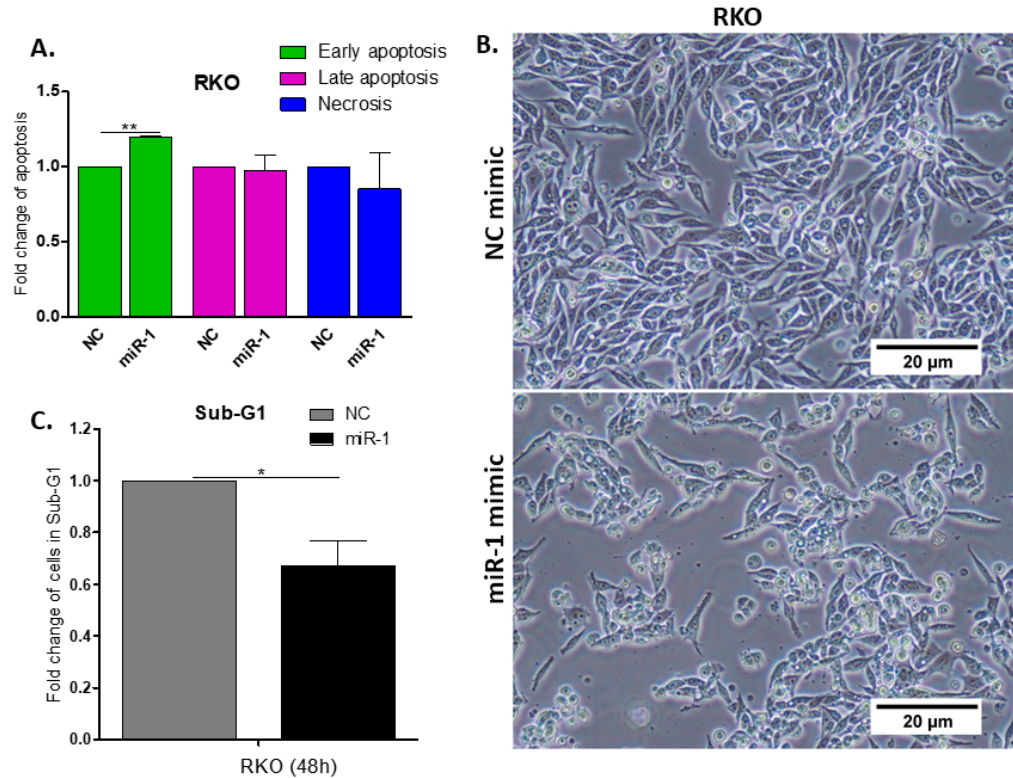


Dysregulation of miR-1-3p: an early event in colitis-associated dysplasia

Fragoso et al.



Supplementary Figure S1. Effect of expression of the miR-1 mimic on apoptosis in RKO cells (48h post-transfection). Fold change in apoptotic cells was calculated by normalizing the percentage of apoptotic cells detected following transfection with the miR-1 mimic, to that of cells transfected with the negative control (cel-miR-67, NC) (mean \pm SEM). Statistical comparisons were made using data from three independent experiments, expressed as log 2. *A*) Analysis of cells undergoing early apoptosis (AnnexinV+), late apoptosis (AnnexinV+/7AAD+), and necrosis (7AAD+) following transfection. *B*) Representative images (10x) of RKO cells after transfection with cel-miR-67 (top) or miR-1 mimic (bottom) for 48h, demonstrating the presence of round and floating cells. *C*) Fold change of RKO cells in sub-G1 48h after transfection with miR-1. Comparisons significantly different by one sample (or paired) t-test: * $P \leq 0.05$, ** $P \leq 0.01$.