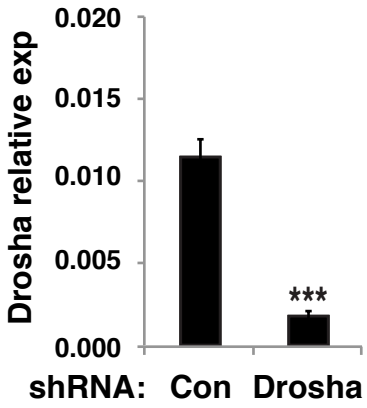

Figure S1. Knock-down efficiency of the Drosha shRNA construct. Total RNA was isolated from LIM 1863 cells that were stably transduced with a Drosha-targeting or control (Con) shRNA vector. Drosha expression was measured by quantitative real-time PCR using U6 snRNA as an internal standard (mean + S.D., n>3).

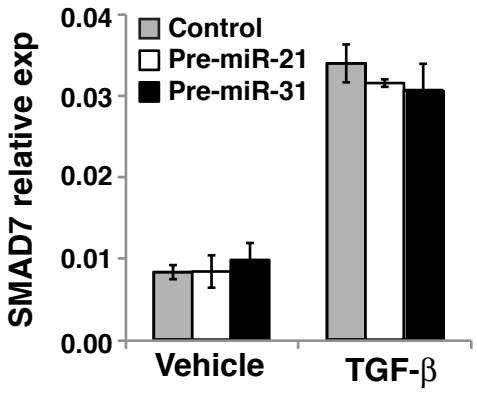

Figure S2. LIM 1863 organoids transfected with indicated miRNA precursors were stimulated with TGF-β for 24 h and SMAD7 expression was measured by quantitative real-time PCR (mean + S.D, n>3), using U6 snRNA as an internal standard.

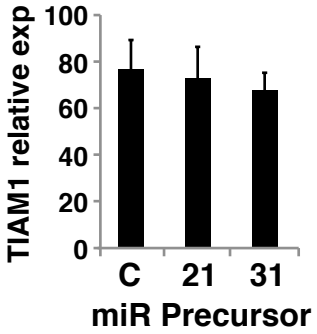

Figure S3. miR-21 and miR-31 did not affect TIAM1 mRNA level. Total RNA was isolated from LIM 1863 cells (as in Fig 3B) and the relative expression of TIAM1 was determined by real-time PCR, using U6 snRNA as an internal standard (mean + S.D.).