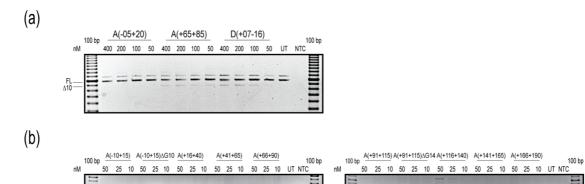
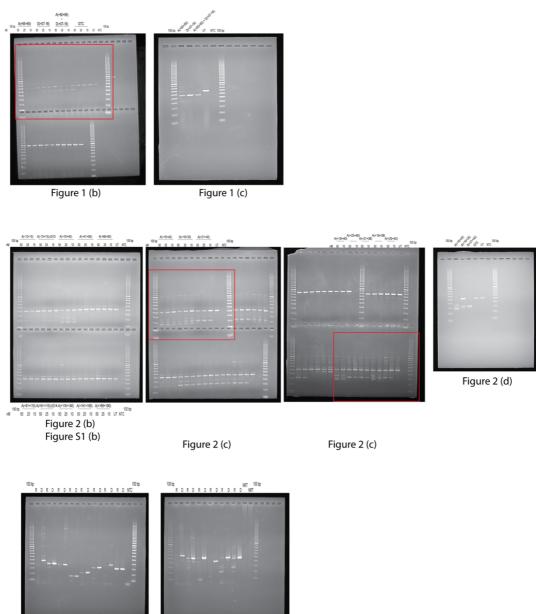
## **Supplementary Material**

Δ73:i76 Δ73+74:i76 Δ73 Δ73+74



**Figure 1.** Evaluation of antisense oligomers (AOs) targeting *COL7A1* exons 10 and 73 after transfection into healthy human fibroblasts. (a) Reverse transcription-PCR analysis of *COL7A1* transcript after transfection with 2'-OMe AOs targeting *COL7A1* exon 10, transfected at concentrations indicated above the gel image. (b) Reverse transcription-PCR analysis of *COL7A1* transcript after transfection with 2'-OMe AOs targeting *COL7A1* exon 73, with transfection concentrations indicated above the gel image. NTC, no template control; UT, untreated; bp, base pairs; FL, full-length amplicon; nM, nanomolar.



A B C D E F 72 vs. 73 73 vs. 74 74 vs. 75 Figure 3 (b) Figure 3 (b)

Figure 2. Full gels for figures listed.