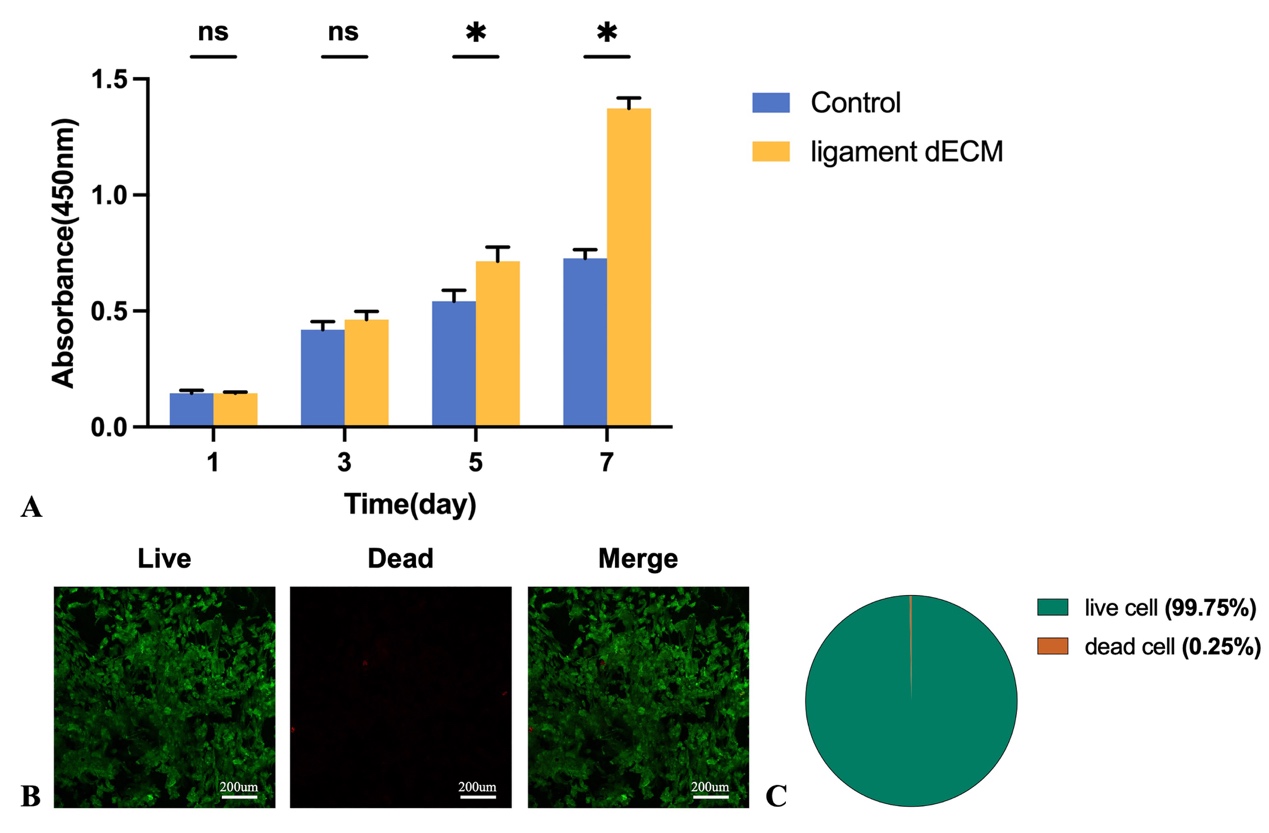
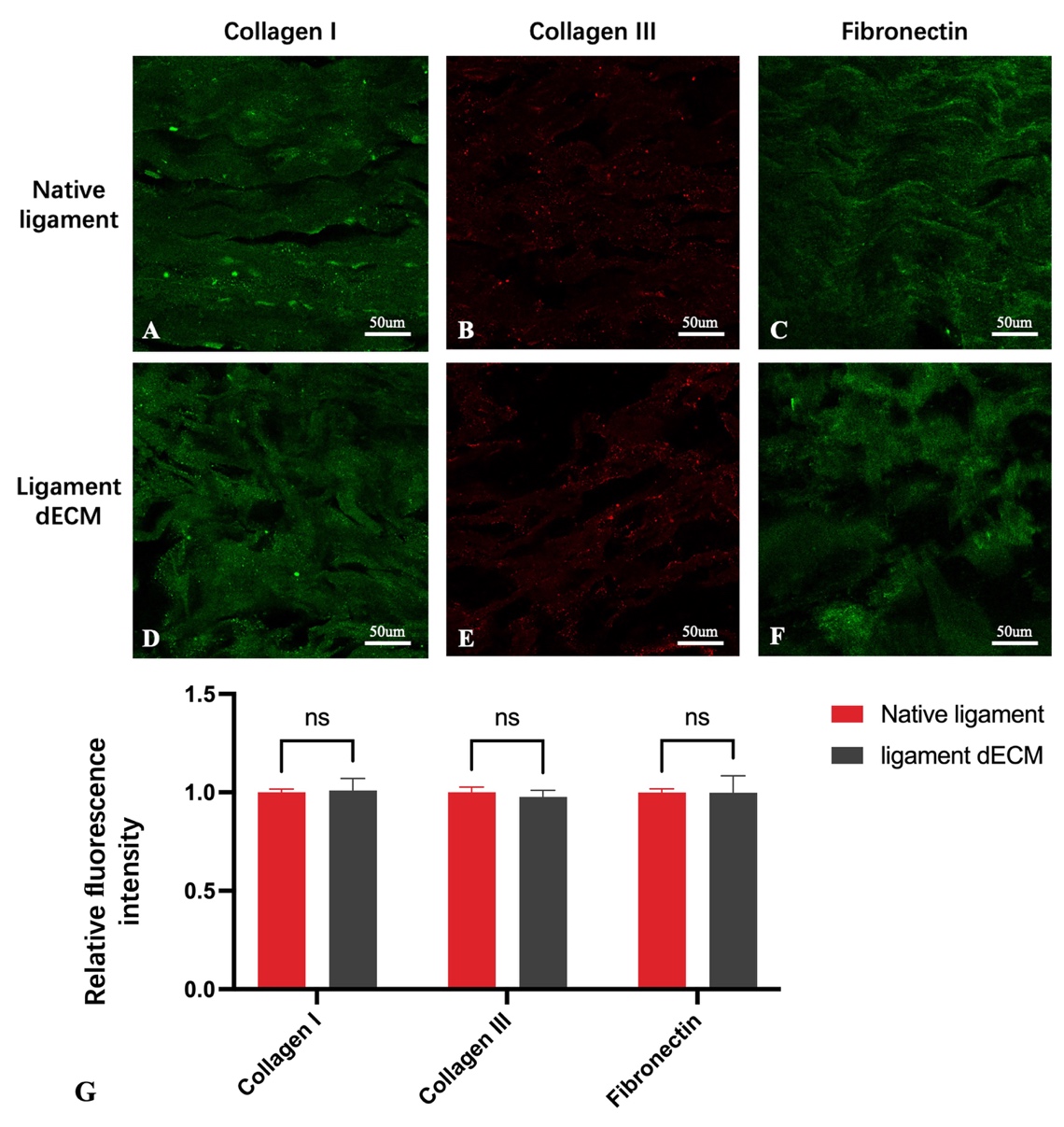
**Supplemental figures**

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Supplemental Figure 1. **Biocompatibility evaluation.** (A) CCK8 results. (B) Representative Live/Dead assay images. Scale bar: 200 µm. (C) Quantitative results of cell viability. \*p < 0.05. ns, p > 0.05. This image was produced using GraphPad Prism software.



Supplemental Figure 2. **Immunofluorescence staining of ECM proteins in native and decellularized ligaments.** (A-F) Representative images of immunofluorescence staining for ECM proteins in native and decellularized ligament tissue. Scale bar: 50 µm. (G) Quantitative results of relative fluorescence intensity. ns, p > 0.05. This image was produced using GraphPad Prism software.