

**SUPPLEMENTARY FIG. S1.** <sup>1</sup>H-NMR spectra of digested fetal cartilage before (**a**) and after methacrylation (**b**). NMR spectra of digested adult cartilage before (**c**) and after methacrylation (**d**). <sup>1</sup>H-NMR, hydrogen-1 proton nuclear magnetic resonance.