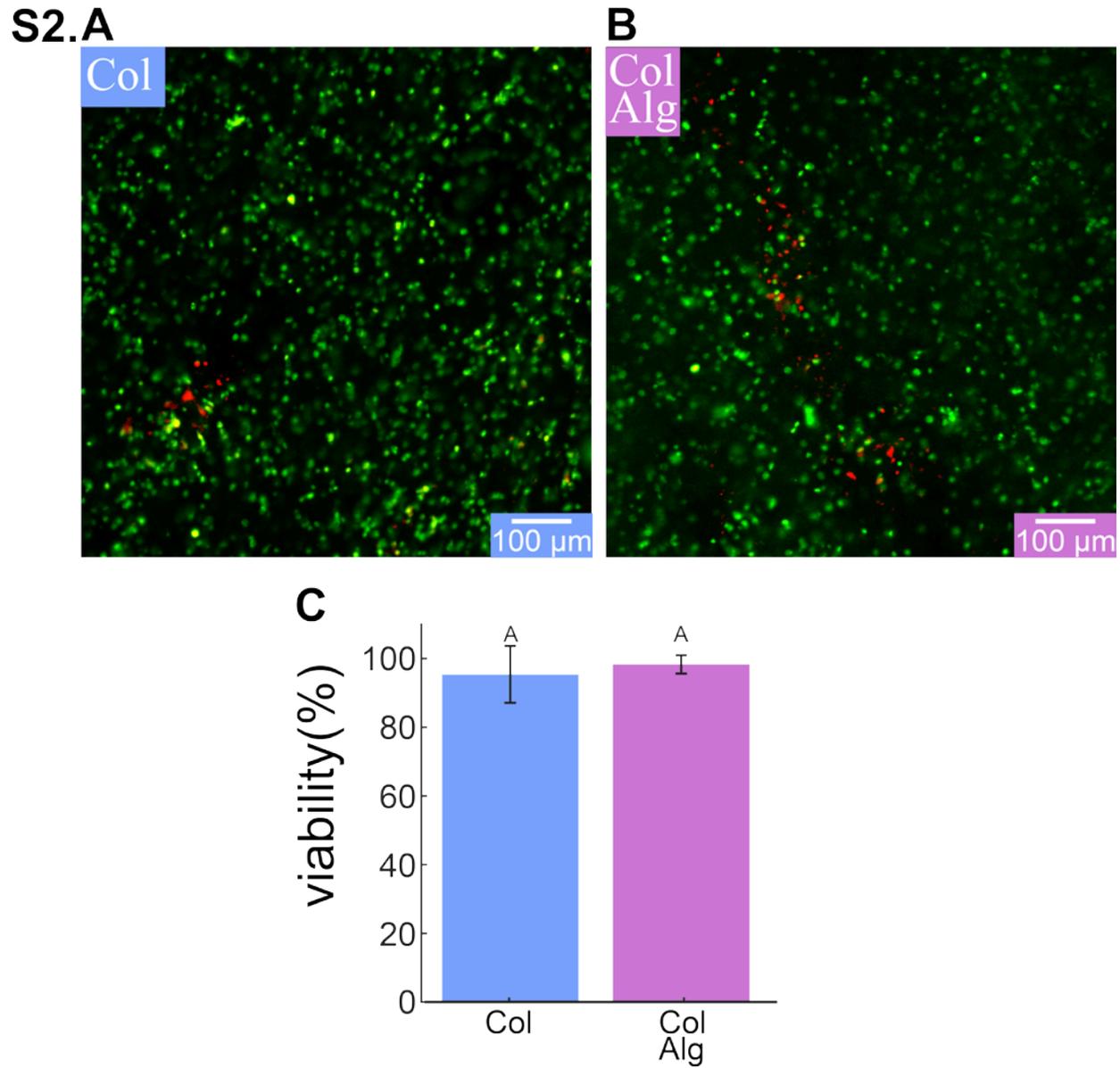


**Figure S1.** Molecular weight of alginate oligomers vs. hydrolysis time at pH 3.5 under nitrogen at 95°C. n = 3 per hydrolysis time condition.



**Figure S2.** Live/dead staining of auricular chondrocyte-seeded Col (A) and ColAlg (B) gels, with calculated viability of each gel (C). n = 10. Shared letters denote no significant difference.