

Figure 7-Figure Supplement 2

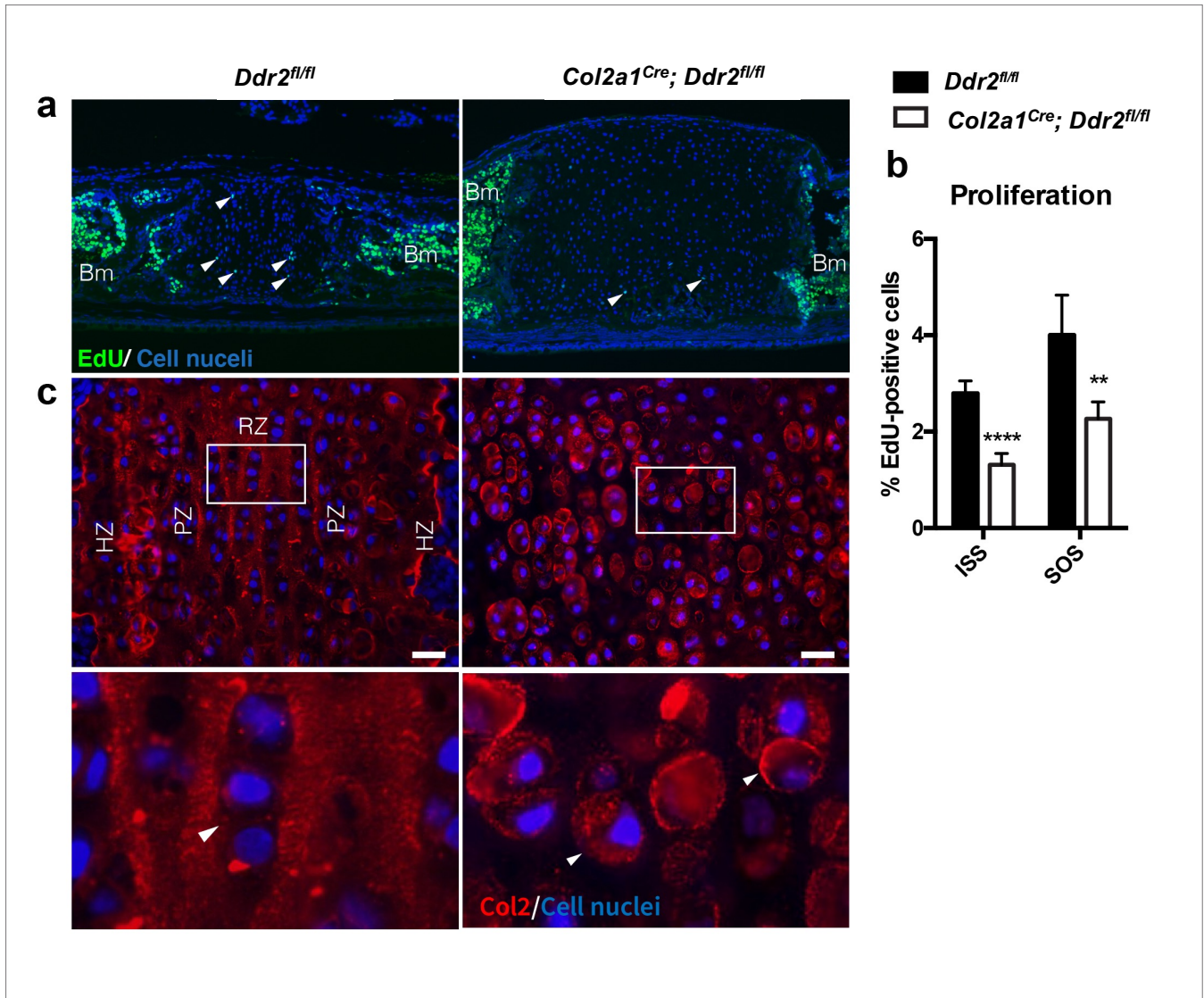


Figure 7-figure supplement 2. Synchrondroses in *Col2a1^{Cre}; Ddr2^{fl/fl}* mutants exhibited deficient chondrocyte proliferation and abnormal type II collagen distribution. a, EdU staining (green) showed a significant reduction of chondrocyte proliferation in *Col2a1^{Cre}; Ddr2^{fl/fl}* synchrondrosis. b, Bar graph shows quantification of EdU-positive cells in ISS and SOS. c, COL2 immunostaining shows altered type II collagen matrix in *Col2a1^{Cre}; Ddr2^{fl/fl}* mice. n= 3 mice, *P*<0.01, *****P*<0.0001. Scale bar: 50 μ m in (a), 20 μ m in (c).**