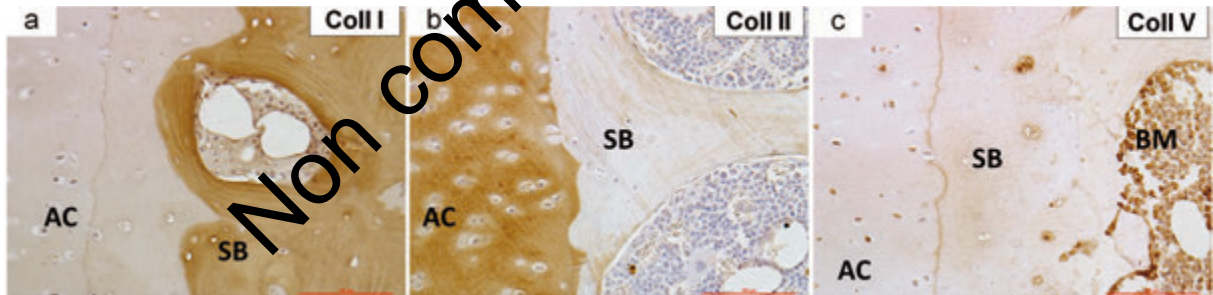


Supplementary Figure 1. Masson's Trichrome (a) and Safranin-O staining (b) in the humerus of the adult dog. Subchondral bone reveals both light green and red staining: articular cartilage as green, while bone tissue as red (a); intense staining is evident in the deep layers of the articular cartilage, closed to the tight mark line (b). AC, articular cartilage; SB, subchondral bone. Scale bar: 100 μ m.



Supplementary Figure 2. Images of Collagen type I (a), II (b) and V (c) localization in the humerus of the adult dog. Immunopositivity for collagen type I is evident in the subchondral bone (a). Immunopositivity for collagen type II is evident in the articular cartilage (b). Immunopositivity for collagen V is evident in the bone marrow (c). AC, articular cartilage; SB, subchondral bone; BM, bone marrow. Scale bar: 100 μ m.