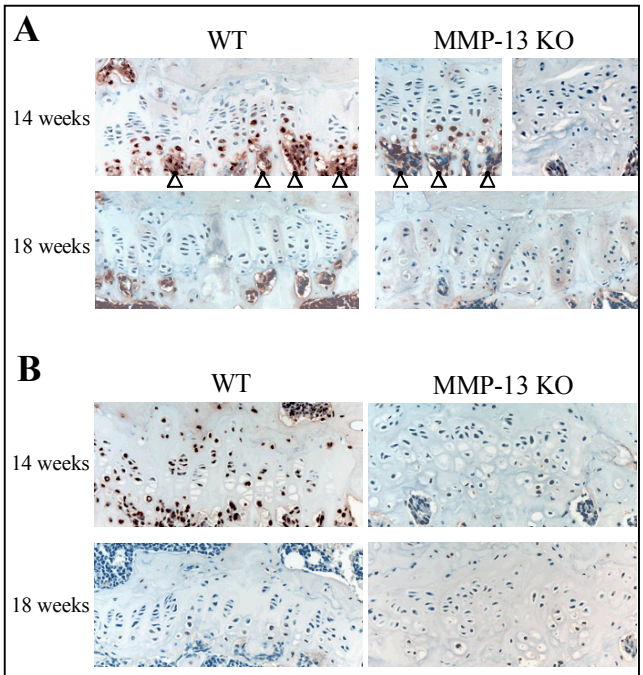

Supplementary Figure S1. Immunolocalization of MMP-14 (brown stain) in the growth plate of wild type (WT) and MMP-13 knock out (KO) mice. Equivalent MMP-14 staining was seen in lower hypertrophic growth plate chondrocytes of WT and normal areas (left image) of MMP-13 KO mice at 14 weeks of age at sites of active vascular invasion (above the arrow heads). In growth plate surrounding zones of closure in MMP-13 KO mice at 14 weeks of age (right image) and throughout the growth plate in both genotypes at 18 weeks of age, there was no MMP-14 immunostaining.
(**B**) TUNEL staining of chondrocytes in WT and MMP-13 KO mouse growth plates at 14 and 18 weeks of age.