



Figure S1. *Pthrp-creER* marks chondrocytes in the lateral wedge-shaped area of the synchondrosis. (A) *Pthrp-creER*; *R26RtdTomato* mice were pulsed at P6, P9, P12, P15 and P25, and the SOS was analyzed at 72 h later at P9, P12, P15, P18 and P28, respectively. Yellow dotted lines: wedge-shaped areas, green dotted lines: central hypertrophic zone. Arrowheads: tdTomato⁺ cells in the resting zone. Red: tdTomato, blue: DAPI, gray: DIC, green: *Cxcl12-GFP*. Scale bars: 100 μm. (B) Quantification of tdTomato⁺ chondrocytes in SOS. x-axis: day of tamoxifen pulse. y-axis: tdTomato⁺ chondrocytes. The number of tdTomato⁺ chondrocytes was counted at 72 hours after the initial pulse. $n = 1-3$ for each group/timepoint. Data are present as the mean ± S.D.