

Supplementary Material

corresponding to:

**Osteogenic gene expression in the temporal region
of the opossum embryos: an insight into the evolution
of **the** synapsid skull unique to **the** mammalian lineage**

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Monodelphis domestica

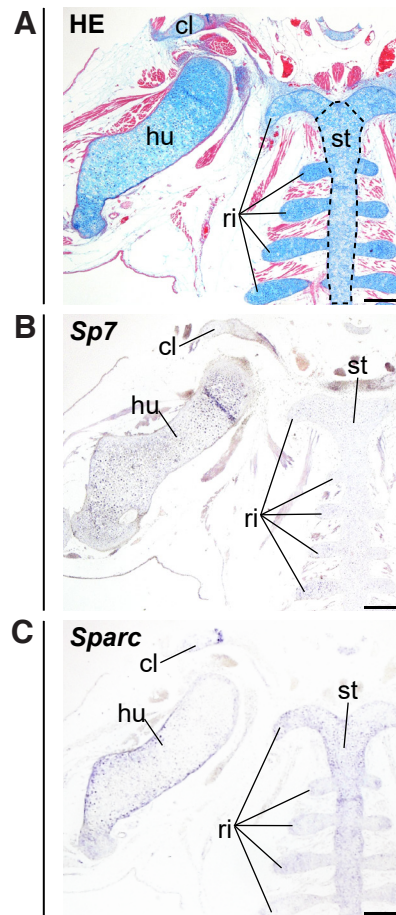


Fig. S1. Expression of *Sp7* and *Sparc* in endochondral bone precursors in the trunk of opossum neonates. (A) Hematoxylin, eosin, and alcian blue (HE) staining of a transverse section containing the forelimb and thorax of an opossum neonate. **(B, C)** Section *in situ* hybridization of *Sp7* and *Sparc* on the sections adjacent to HE stained sections given in the panel (A). Expressions of *Sp7* and *Sparc* are detected in the alcian blue-positive chondrocytes within the endochondral bone precursors of *M. domestica* neonates (B, C). cl, clavicle; hu, humerus; ri, ribs; st, sternum. Scale bars, 200 μ m.