

Supplemental Information for

Anatomical and histological analyses reveal that tail repair is coupled with regrowth in wild-caught, juvenile American alligators (*Alligator mississippiensis*)

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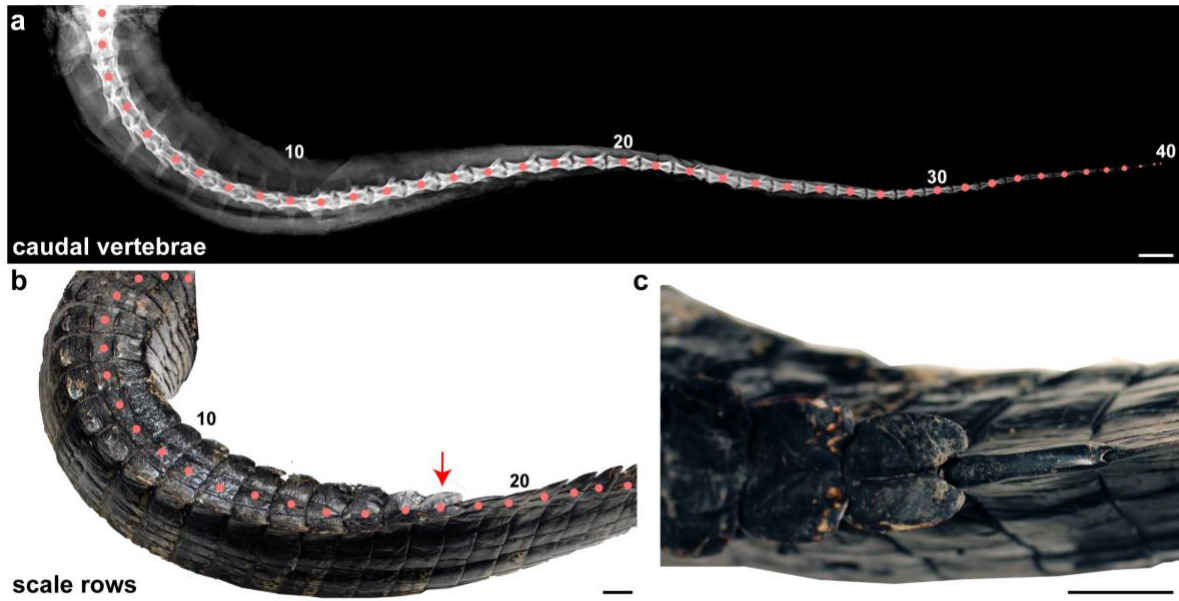
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Supplementary Fig. S1 Caudal vertebrae are associated with a single row of scales. Lateral radiograph of an original alligator tail with a total of 40 caudal vertebrae (a). Each caudal vertebra (Ca) is associated with a single transverse row of scales and paired dorsal scutes terminate at Ca 18 (b, c). Individual caudal vertebrae and scale rows are represented by red dots. The red arrow indicates the segment at which paired dorsal scutes terminate. Scale bars: 2.5 cm

Supplementary Video S1 3D reconstruction of an alligator regrown endoskeleton. The total volume of the regrown endoskeleton (A01) measures 1270 cm³. [Consult supplementary files]

Supplementary Video S2 Transverse 2D serial sections of a regrown alligator tail. [Consult supplementary files]

Supplementary Video S3 Lateral 2D serial sections of a regrown alligator tail. [Consult supplementary files]

Supplementary Data S1 Photographs of tail regrowth in alligators. Images courtesy of Louisiana Department of Wildlife and Fisheries. [Consult supplementary files]

Supplementary Data S2 Photographs of wound repair and fibrosis in alligators. Images courtesy of Louisiana Department of Wildlife and Fisheries. [Consult supplementary files]

Supplementary Data S3 Regrown tissue biopsy report for specimen A04. [Consult supplementary files]