Riddle and Tabin. Scientific American, Feb., 1999
Figure 13.5  Fgf10 expression and action in the developing chick limb

Figure 13.6  Molecular model for initiation of the limb bud in the chick between 48 and 54 hours of gestation
Figure 13.8 Scanning electron micrograph of an early chick forelimb bud, with the apical ectodermal ridge in the foreground.

Figure 13.9 Summary of experiments demonstrating the effect of the apical ectodermal ridge (AER) on the underlying mesenchyme.
Figure 13.10 Fgf8 in the apical ectodermal ridge

(A) (B) (C)

The progress zone matures

DEVELOPMENTAL BIOLOGY, 9e, Figure 13.10
16.11 The AER is necessary for wing development

(A)

(B)

Progress zone and time

Old progress zone put into young limb bud: Young progress zone put into old limb bud
Figure 13.13 Two models for mesodermal specification of the proximal-distal axis of the limb

(A) Progress zone model

(B) Early allocation and progenitor expansion model