

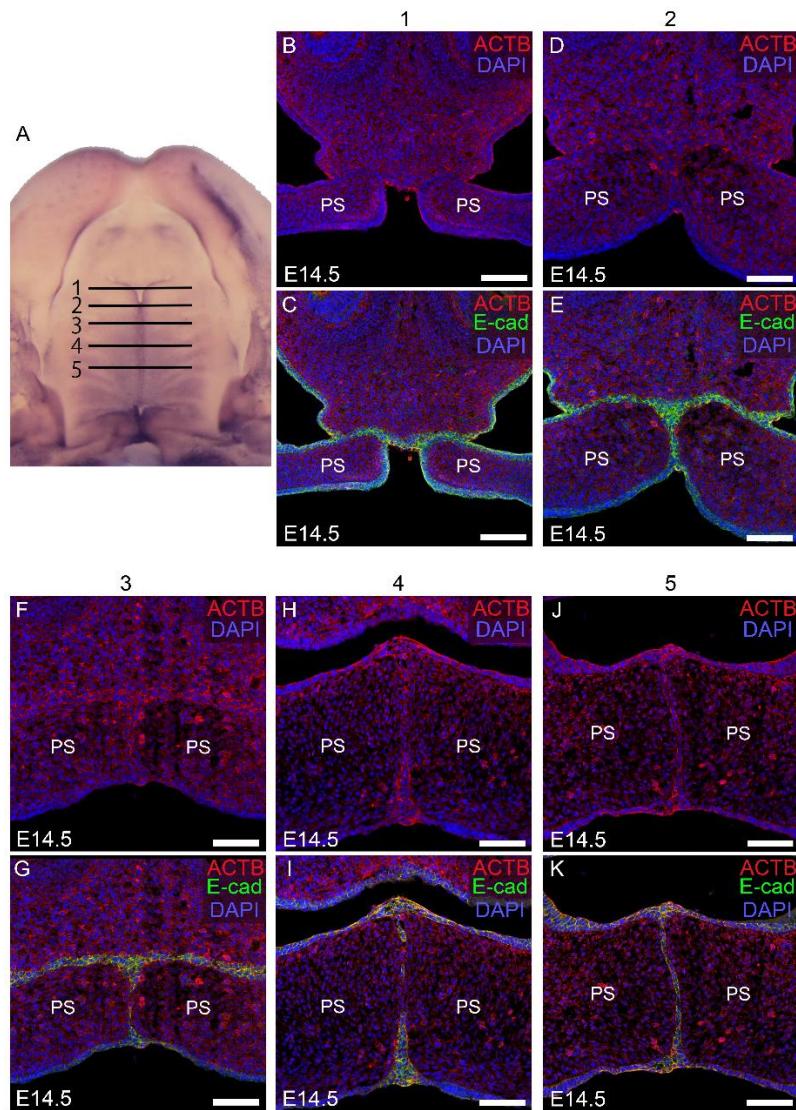


Title	Compromised actin dynamics underlie the orofacial cleft in Baraitser-Winter Cerebrofrontofacial syndrome with a variant in ACTB
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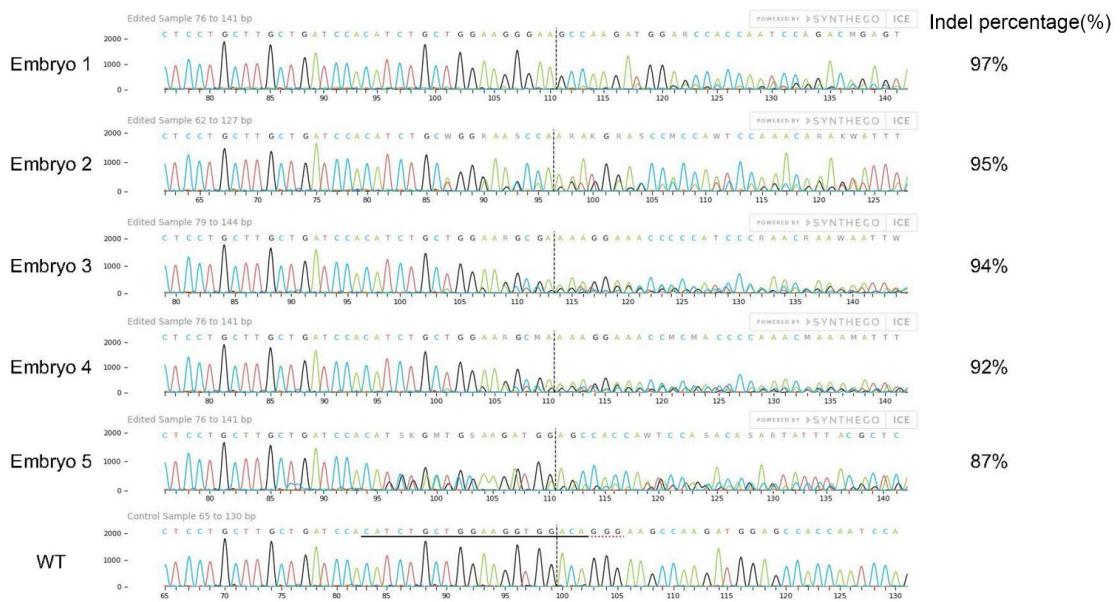
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Supplemental Figure 1. Expression of ACTB during palatogenesis

(A) Ventral view of the dissected maxilla on E14.5. Frontal sections of E14.5, maxilla at the locations of the black lines shown in B-K. (B-K) Immunohistochemistry of ACTB (red) and E-cadherin (green) in the frontal section of the embryonic head of E14.5. PS, palatal shelf. Scale bar, 50 μ m.



Supplemental Figure 2. DNA sequencing chromatographs of *Xenopus actb* crisprant embryos

DNA sequencing chromatographs of five *Xenopus actb* crisprant embryos and one uninjected embryo. The dashed line indicates the presumed position of double-strand breaks in the genome. Note that the peaks around the double-strand breaks in the crisprant embryos are disturbed. The numbers on the far right indicate the predicted frequency of indel mutations in each embryo chromatogram, as determined using the Inference of CRISPR Edits tool.