In their study on page 1472, Stephania Macchiarulo and Bernice Morrow showed in situ hybridization using a Jag1 antisense mRNA probe, and demonstrated that Jag1 expression was significantly reduced in the posterior, and to a lesser extent, anterior domains of the otic vesicle at E10.5 in Tbx1<sup>Cre</sup> /C0;Jag1<sup>flox/flox</sup> mutant embryos as compared to Tbx1<sup>Cre</sup> /++;Jag1<sup>flox/+</sup> and Tbx1<sup>Cre</sup> /C0 embryos. Note that expression of Jag1 was also reduced in the pharyngeal apparatus but maintained in the forelimb, where Tbx1 is not expressed. Jag1 expression is also expanded throughout the OV in Tbx1<sup>Cre</sup> /C0 embryos.

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