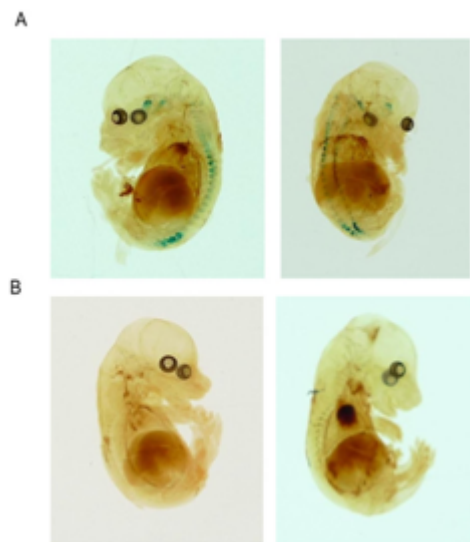


## Advillin-Cre-ER(T2)

An inducible Cre transgenic mouse useful for analysing gene function in sensory neurons

Advillin-Cre-ER(T2) mice



**Left panel; Tamoxifen induces recombination in the DRG of adult *AvCreERT2* mouse.** Animals were injected (ip) for 5 consecutive days (2 mg per day). **A** - X-gal staining of adult DRG neurons from induced and un-induced mice. Neutral red was used for counterstaining. **B** - Quantification of recombination events in DRG of untreated and tamoxifen-treated animals. Data are presented as mean  $\pm$  SEM. Statistical analysis - unpaired T-test,  $p < 0.01$ . Scale bars = 40  $\mu$ m.

**Right panel tamoxifen induces Cre-expression during embryonic development.** **A** - E18.5 *AvCreERT2*-positive embryos from tamoxifen treated pregnant females (2 mg per day, 5 days). **B** - E18.5 *AvCreERT2*-positive embryos from vehicle treated pregnant females.

Treatment of Advillin Cre-erT2 deleter mice with tamoxifen results in gene deletion in 90% of sensory neurons found in dorsal root ganglia. This activity is specific and does not occur in other tissues. For full technical details see Lau et al. [Mol Pain](#). 2011 Dec 21;7:100. (open access Journal)

### Placing an order on XIP

To license this product, please select the **appropriate licence option** on the right-hand side of this page. Terms can be previewed from the "Preview terms" link.

MTAs require agreement between all the parties involved in supplying and receiving a product. This cannot happen instantaneously but is a controlled process, managed through XIP and should not take longer than 10 business days in ordinary circumstances.

To place an order, please locate the [Sign-in](#) or [Register](#) options on the top right side of this page. You can either sign in to your existing account or register for a new now. **Please note that your account should be created using your academic/ institutional e-mail address.**

For additional guidance on how to create an account and place an order, refer to the [FAQs](#).

### References

1. Lau(2011) , <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3260248/>, <http://www.molecularpain.com/>, 7, 100

### Category

Biological Materials/Genetically Modified Organisms

[Learn more](#)

