

Aplnr-2A-DreERT2

Nomenclature	C57BL/6Smoc- <i>Aplnr</i> ^{em1(2A-DreERT2)Smoc}
Cat. NO.	NM-KI-00132
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Aplnr	Synonyms	APJ; Agtrl1; msr/apj
	NCBI ID	23796
	MGI ID	1346086
	Ensembl ID	ENSMUSG00000044338
	Human Ortholog	APLNR

Model Description

A 2A-DreERT2-SV40polyA coexpression cassette is inserted before the stop codon of mouse *Aplnr* gene via homologous recombination to establish a tamoxifen inducible *Aplnr*-DreERT2 tool strain. This strain can be used to knockout target gene in *Aplnr*⁺ cells after tamoxifen treatment when crossed with mice which carry lox sites flanking target gene.

Research Application: recombinase tool

*Literature published using this strain should indicate: *Aplnr*-2A-DreERT2 mice (Cat. NO. NM-KI-00132) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

No data

Publications

[A Suite of New Dre-recombinase Drivers Markedly Expands the Ability to Perform Intersectional Genetic Targeting](#)

References: CELL STEM CELL