

# Trp63-DreERT2

系統名	C57BL/6Smoc- <i>Trp63</i> <sup>em1(DreERT2-Wpre-polyA)Smoc</sup>
SMOC番号	NM-KI-190029
維持形態	Sperm cryopreservation

## 遺伝子の概要

Gene Symbol Trp63	Synonyms	Ket; P63; P73l; Tp63; P51/P63; AI462811; Trp53rp1
	NCBI ID	<a href="#">22061</a>
	MGI ID	<a href="#">1330810</a>
	Ensembl ID	<a href="#">ENSMUSG00000022510</a>
	Human Ortholog	-

## 説明

A DreERT2-Wpre-polyA expression cassette was knocked into the exon4 of Trp63 gene.

**応用分野:** Dre recombinase tool

\*Literature published using this strain should indicate: Trp63-DreERT2 mice (Cat. NO. NM-KI-190029) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ

*P63-DreER;tdT*

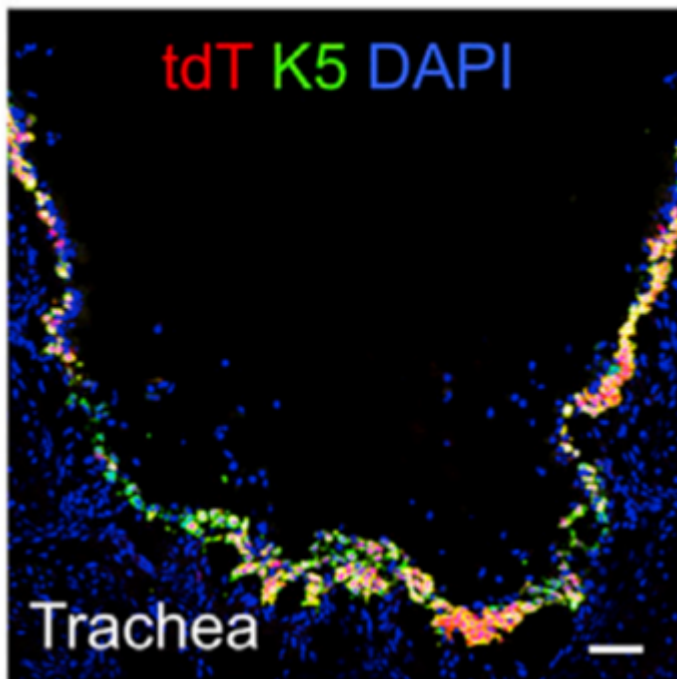


Fig.1 DreERT2-mediated recombination in the trachea of  $Kank1^{DreERT2/+}$ ;  $R26^{tdTomato/+}$  mouse. TdTomato (red) expression can be detected in the trachea after tamoxifen treatment. Krt5 (green) is the marker gene known to be expressed in the tracheal basal cells. (Documented in the following reference.)

## 出版物

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

References: CELL STEM CELL