

Trp63-DreERT2

Nomenclature	C57BL/6Smoc- <i>Trp63</i> ^{em1(DreERT2-Wpre-polyA)Smoc}
Cat. NO.	NM-KI-190029
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Trp63	Synonyms	Ket; P63; P73l; Tp63; P51/P63; AI462811; Trp53rp1
	NCBI ID	22061
	MGI ID	1330810
	Ensembl ID	ENSMUSG00000022510
	Human Ortholog	-

Model Description

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

Research Application: 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..

Validation Data

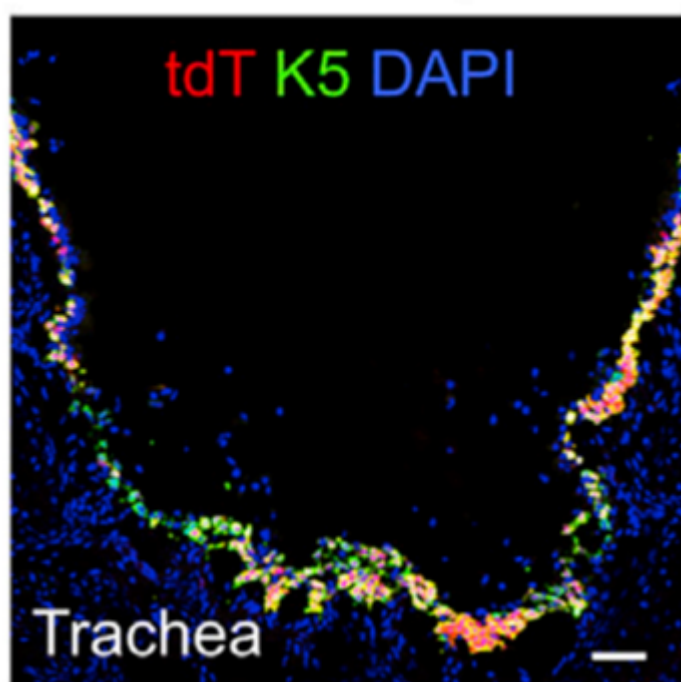
P63-DreER;tdT

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.)

Publications

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

References: CELL STEM CELL