

# R26-CAG-2xKRAB-dCas9-IRES-EGFP

系統名	C57BL/6Smoc- <i>Gt(ROSA)26Sor</i> <sup>em1(CAG-Loxp-2xKRAB-dCas9-IRES-EGFP)Smoc</sup>
SMOC番号	NM-KI-18007
維持形態	Sperm cryopreservation

## 遺伝子の概要

Gene Symbol <b>Gt(ROSA)26Sor</b>	Synonyms	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	NCBI ID	<a href="#">14910</a>
	MGI ID	<a href="#">104735</a>
	Ensembl ID	<a href="#">ENSMUSG00000086429</a>

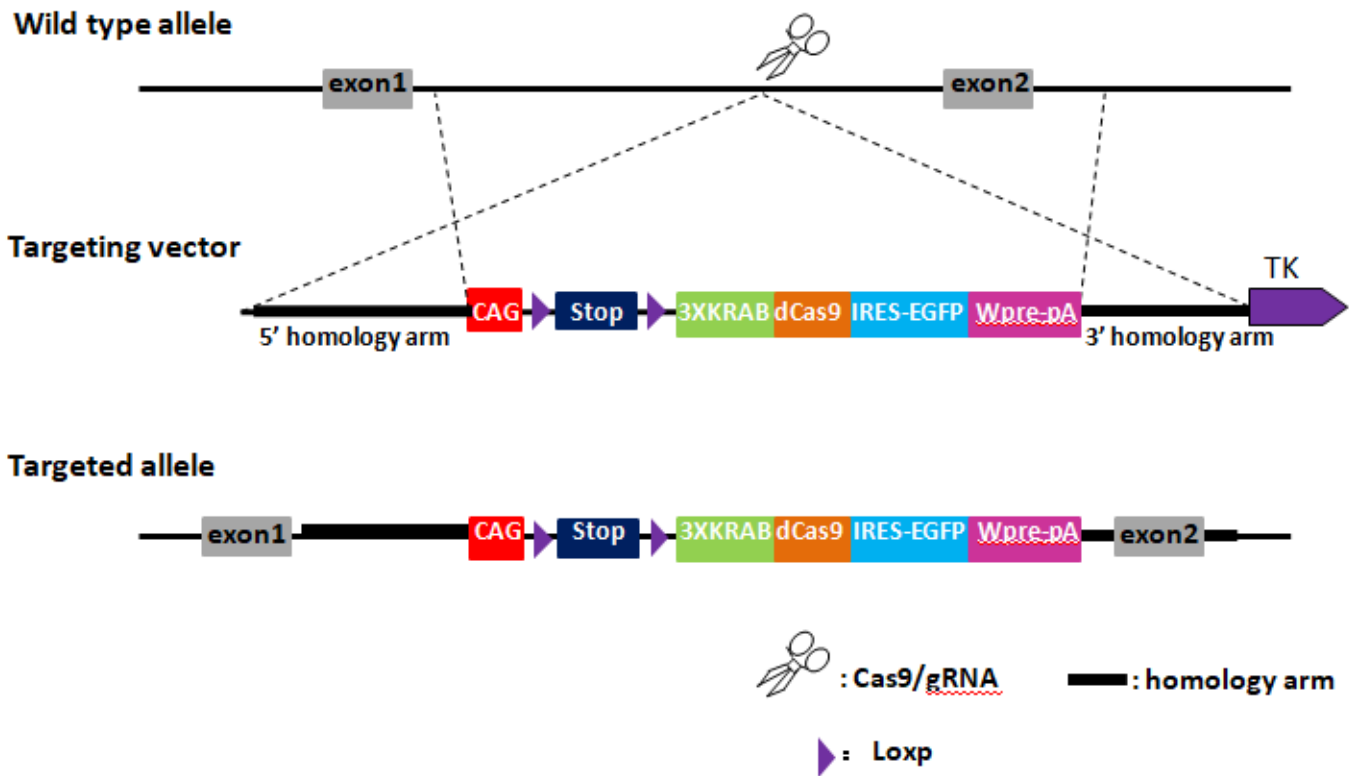
## 説明

These mice harbor a CAG-LSL-2xKRAB-dCas9-IRES-EGFP-WPRE-pA conditional expression cassette in mouse Rosa26 loci via homologous recombination. This strain can be used in CRISPR mediated target gene transcriptional inhibition (CRISPRi). The loxp-stop-loxp cassette was deleted.

**応用分野:** CRISPRi, gene regulation tool

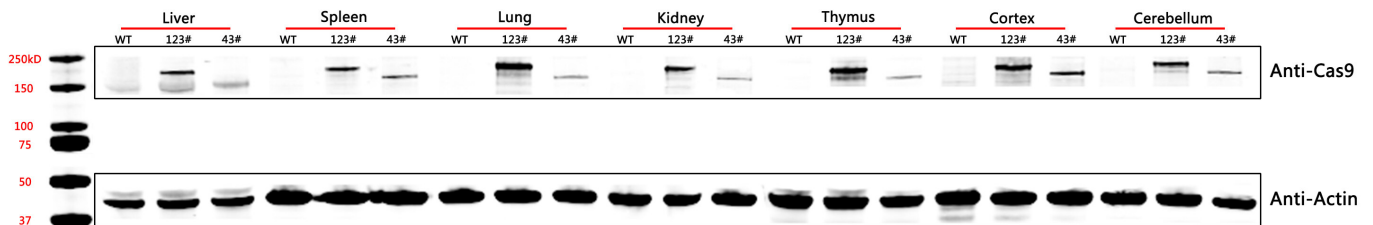
\*Literature published using this strain should indicate: R26-CAG-2xKRAB-dCas9-IRES-EGFP mice (Cat. NO. NM-KI-18007) were purchased from Shanghai Model Organisms Center, Inc..

## 表現型データ



## Validation of 2xKRAB-dCas9 expression by Western blot

Rosa26- CAG-LSL-2xKRAB-dCas9 mice were crossed with Dppa3-Cre mice to delete STOP cassette.



## Validation of EGFP expression by fluorescence assay

