

Ly6g-2A-DreERT2

系統名	C57BL/6Smoc- <i>Ly6g</i> ^{em1(2A-DreERT2)Smoc}
SMOC番号	NM-KI-190036
維持形態	Sperm cryopreservation

遺伝子の概要

Gene Symbol Ly6g	Synonyms	Gr1; Gr-1; Ly-6G
	NCBI ID	546644
	MGI ID	109440
	Ensembl ID	ENSMUSG00000022582
	Human Ortholog	LY6G

説明

A 2A-DreERT2 expression cassette was knocked into the Ly6g gene stop codon site via CRISPR/Cas mediated recombination.

応用分野: Dre recombinase tool

*Literature published using this strain should indicate: Ly6g-2A-DreERT2 mice (Cat. NO. NM-KI-190036) were purchased from Shanghai Model Organisms Center, Inc..

表現型データ

Ly6g-2A-DreER;ZsGreen

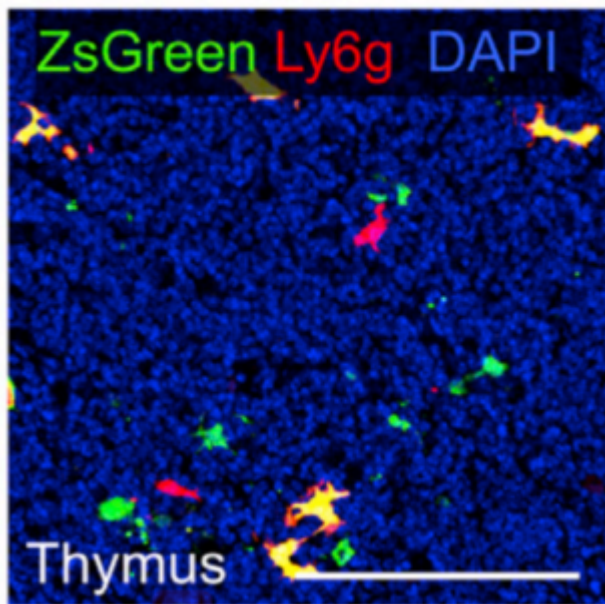


Fig.1 DreERT2-mediated recombination in the thymus of Ly6g^{DreERT2/+}; R26^{ZsGreen/+} mouse. ZsGreen (green) expression can be detected in the thymus after tamoxifen treatment. (Documented in the following reference.)

出版物

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

References: CELL STEM CELL