

Lyz1-2A-DreERT2

Nomenclature	C57BL/6Smoc- <i>Lyz1</i> ^{em1(2A-DreERT2)Smoc}
Cat. NO.	NM-KI-190033
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Lyz1	Synonyms	Lyz; Lyzf3; Lzp-s
	NCBI ID	17110
	MGI ID	96902
	Ensembl ID	ENSMUSG00000069515
	Human Ortholog	LYZ1

Model Description

A 2A-DreERT2 expression cassette was knocked into the Lyz1 gene stop codon site.

Research Application: Dre recombinase tool

*Literature published using this strain should indicate: Lyz1-2A-DreERT2 mice (Cat. NO. NM-KI-190033) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

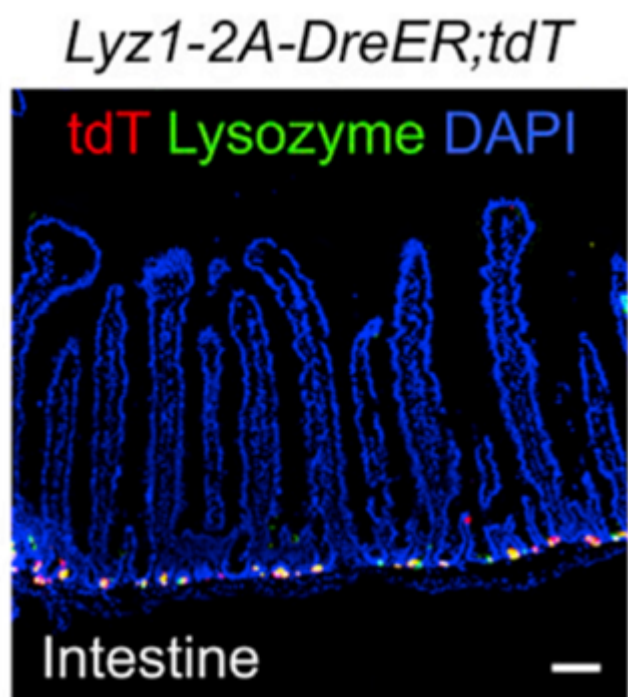


图1 $\text{Lyz1}^{\text{DreERT2/+}}$; $\text{R26}^{\text{tdTomato/+}}$ 小鼠肠道细胞中可检测到tdTomato的表达。

经Tamoxifen诱导, $\text{Lyz1}^{\text{DreERT2/+}}$; $\text{R26}^{\text{tdTomato/+}}$ 双转基因鼠, 可在肠道细胞中表达tdTomato (红色)。溶菌酶在潘式细胞中表达。(见参考文献)

Publications

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

References: CELL STEM CELL