Ly6g-Cre-2A-tdTomato

品系全名	C57BL/6Smoc-*Ly6g*$^{em2(iCre-P2A-tdTomato-polyA)Smoc}$
目录号	NM-KI-200219
品系状态	活体

基因信息

基因名 **Ly6g**	**基因曾用名**	Gr1; Gr-1; Ly-6G
	NCBI ID	546644
	MGI ID	109440
	Ensembl ID	ENSMUSG00000022582
	人类同源基因	LY6G

品系描述

将iCre-P2A-tdTomato-polyA共表达结构插入到小鼠Ly6g基因起始密码子处。
应用领域：Cre工具鼠
*使用本品系发表的文献需注明: Ly6g-Cre-2A-tdTomato mice (Cat. NO. NM-KI-200219) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

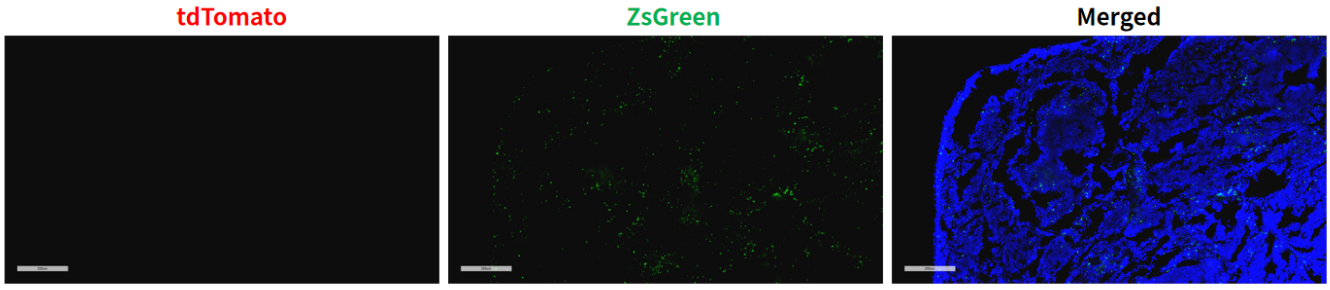

Fig1. Cre mediated recombination in spleen of Ly6g$^{Cre-tdTomato/+}$;Rosa26$^{zsGreen/+}$ mouse.

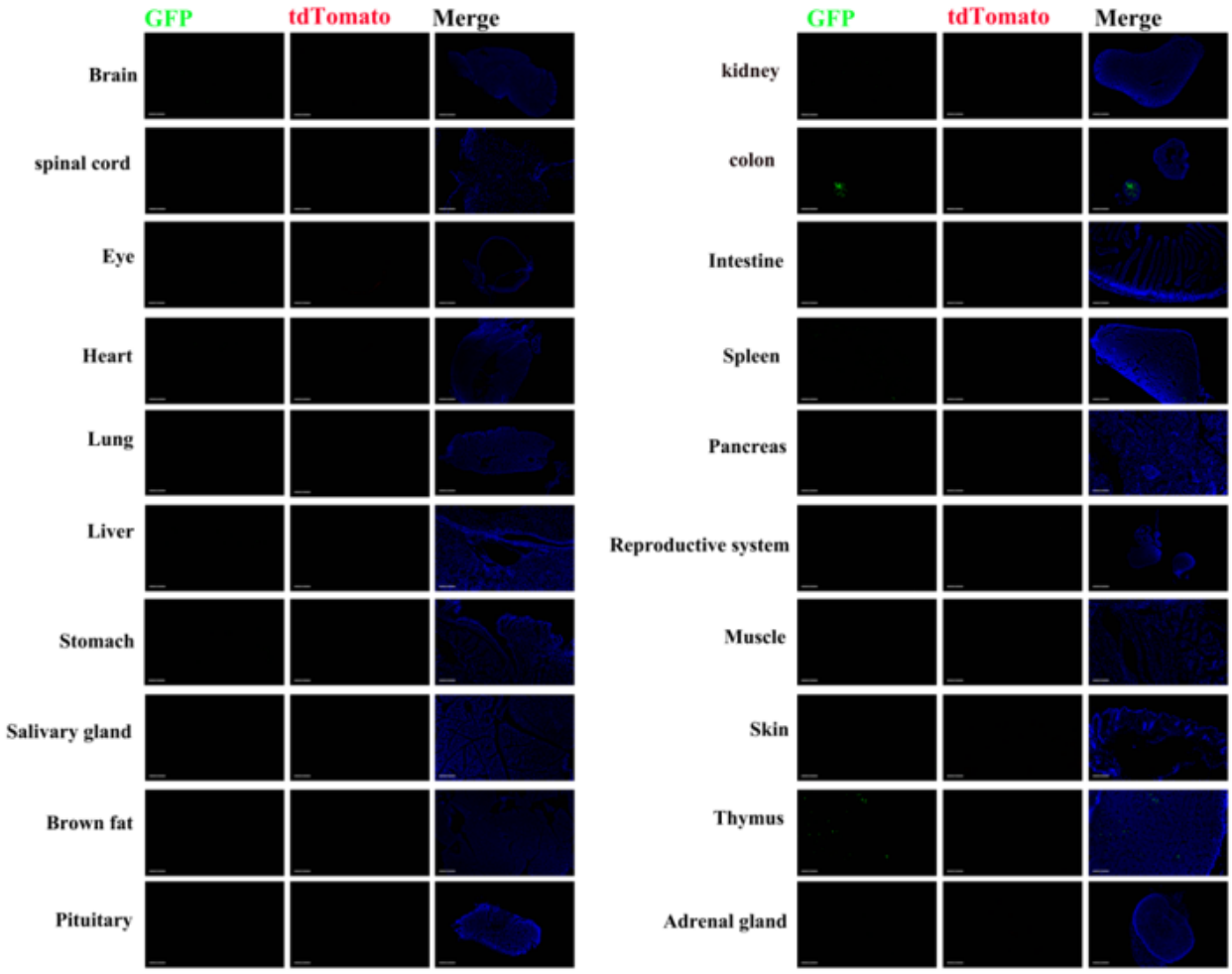

Fig2. Detection of tdTomato(red) and zsGreen(green) in various tissues of Ly6g$^{Cre-tdTomato/+}$;Rosa26$^{zsGreen/+}$ mouse. Expression tissues include: spleen, thymus, colon. A few cells expressed in liver, stomach, kidney, small intestine and adrenal gland. Tissues that unexpressed include brain, spinal cord, eyeballs, heart, lung, salivary glands, brown fat, pituitary gland, pancreas, uterus and ovaries, muscle, skin. (5-week old, female)

No obvious positive signals were detected in the tissue for tdTomato. (For more detailed information please contact our technical advisor.)