Wt1-Flox

Nomenclature	C57BL/6Smoc-*Wt1*$^{tm3(flox)Smoc}$
Cat. NO.	NM-CKO-200041
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol **Wt1**	**Synonyms**	Wt-1; D630046I19Rik
	NCBI ID	22431
	MGI ID	98968
	Ensembl ID	ENSMUSG00000016458
	Human Ortholog	WT1

Model Description

These mice carry loxP sites flanking exon 2-3 of Wt1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Wt1 gene.While Wt1-Flox(Stock No.NM-CKO-200234）mice carrying t

Research Application：Cancer research

*Literature published using this strain should indicate: Wt1-Flox mice (Cat. NO. NM-CKO-200041) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Congenital Diaphragmatic Hernia	**Phenotype(s)**	MGI:5824267 Note：The expected phenotype(s) may be observed in the above-mentioned mice that bred with Gata4*G2-cre mice.
	Reference(s)	Carmona R, Canete A, Cano E, Ariza L, Rojas A, Munoz-Chapuli R, Conditional deletion of WT1 in the septum transversum mesenchyme causes congenital diaphragmatic hernia in mice. Elife. 2016 Sep 19;5:e16009

Validation Data

No data