

# Nphs2-Flox

系統名	C57BL/6Smoc- <i>Nphs2</i> <sup>em1(flox)Smoc</sup>
SMOC番号	NM-CKO-241788
維持形態	Developing

## 遺伝子の概要

Gene Symbol Nphs2	Synonyms	PDCN; SRN1
	NCBI ID	<a href="#">170484</a>
	MGI ID	<a href="#">2157018</a>
	Ensembl ID	<a href="#">ENSMUSG00000026602</a>
	Human Ortholog	NPHS2

## 説明

These strains carry loxP sites flanking exon 2 of Nphs2 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Nphs2 gene.

\*Literature published using this strain should indicate: Nphs2-Flox mice (Cat. NO. NM-CKO-241788) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

Nephrotic Syndrome	表現型	<a href="#">MGI:4847559</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with CAG-cre mice.
	参考文献	Mollet G, Ratelade J, Boyer O, Muda AO, Morisset L, Lavin TA, Kitzis D, Dallman MJ, Bugeon L, Hubner N, Gubler MC, Antignac C, Esquivel EL, Podocin inactivation in mature kidneys causes focal segmental glomerulosclerosis and nephrotic syndrome. J Am Soc Nephrol. 2009 Oct;20(10):2181-9

nephrotic syndrome	表現型	<a href="#">MGI:6316681</a> Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with CAG-cre mice.
	参考文献	Tabatabaeifar M, Wlodkowski T, Simic I, Denc H, Mollet G, Weber S, Moyers JJ, Bruhl B, Randles MJ, Lennon R, Antignac C, Schaefer F, An inducible mouse model of podocin-mutation-related nephrotic syndrome. PLoS One. 2017;12(10):e0186574

### 表現型データ

No data