

# Notch3-R170C

系統名	C57BL/6Smoc- <i>Notch3</i> <sup>em1(R170C)Smoc</sup>
SMOC番号	NM-KI-200254
維持形態	Embryo cryopreservation

## 遺伝子の概要

Gene Symbol Notch3	Synonyms	N3; hpbk; AW229011
	NCBI ID	<a href="#">18131</a>
	MGI ID	<a href="#">99460</a>
	Ensembl ID	<a href="#">ENSMUSG00000038146</a>
	Human Ortholog	NOTCH3

## 説明

These mice carry a p.R170C mutation of Notch3 gene.

**応用分野:** Hereditary multiple cerebral infarction dementia.

\*Literature published using this strain should indicate: Notch3-R170C mice (Cat. NO. NM-KI-200254) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

CADASIL 1	表現型	<a href="#">MGI:5462095</a>
	参考文献	Wallays G, et al., Notch3 Arg170Cys knock-in mice display pathologic and clinical features of the neurovascular disorder cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy. <i>Arterioscler Thromb Vasc Biol.</i> 2011 Dec;31(12):2881-8

## 表現型データ

No data

## 出版物

[Gut microbes exacerbate systemic inflammation and behavior disorders in neurologic disease  
CADASIL](#)

References: Microbiome