

# Notch1-Flox

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Notch1</i> <sup>em1(flox)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-CKO-200067                                       |
| <b>Strain State</b> | Repository Live                                     |

## Gene Summary

|                                     |                       |                                          |
|-------------------------------------|-----------------------|------------------------------------------|
| <b>Gene Symbol</b><br><b>Notch1</b> | <b>Synonyms</b>       | N1; Mis6; Tan1; lin-12;<br>9930111A19Rik |
|                                     | <b>NCBI ID</b>        | <a href="#">18128</a>                    |
|                                     | <b>MGI ID</b>         | <a href="#">97363</a>                    |
|                                     | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000026923</a>       |
|                                     | <b>Human Ortholog</b> | NOTCH1                                   |

## Model Description

These mice carry loxP sites flanking exon 3-4 of Notch1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Notch1 gene.

**Research Application:** Research on ERK signal transduction and heart development

\*Literature published using this strain should indicate: Notch1-Flox mice (Cat. NO. NM-CKO-200067) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data