

# Sox2-Flox

<b>Nomenclature</b>	C57BL/6Smoc- <i>Sox2</i> <sup>em1(flox)Smoc</sup>
<b>Cat. NO.</b>	NM-CKO-200222
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> Sox2	<b>Synonyms</b>	lcc; ysb; Sox-2
	<b>NCBI ID</b>	<a href="#">20674</a>
	<b>MGI ID</b>	<a href="#">98364</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000074637</a>
	<b>Human Ortholog</b>	SOX2

## Model Description

These mice carry loxP sites flanking exon 1 of Sox2 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Sox2 gene.

**Research Application:** Research on preimplantation embryo and ERK signal transduction

\*Literature published using this strain should indicate: Sox2-Flox mice (Cat. NO. NM-CKO-200222) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data