

# Fli1-Flox

|                     |                                                   |
|---------------------|---------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6Smoc- <i>Fli1</i> <sup>em1(flox)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-CKO-2115284                                    |
| <b>Strain State</b> | Sperm cryopreservation                            |

## Gene Summary

|                                   |                       |                                    |
|-----------------------------------|-----------------------|------------------------------------|
| <b>Gene Symbol</b><br><b>Fli1</b> | <b>Synonyms</b>       | Sic1, EWSR2, Fli-1, SIC-1          |
|                                   | <b>NCBI ID</b>        | <a href="#">14247</a>              |
|                                   | <b>MGI ID</b>         | <a href="#">95554</a>              |
|                                   | <b>Ensembl ID</b>     | <a href="#">ENSMUSG00000016087</a> |
|                                   | <b>Human Ortholog</b> | FLI1                               |

## Model Description

These mice carry loxP sites flanking exon 3 of Fli1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Fli1 gene.

\*Literature published using this strain should indicate: Fli1-Flox mice (Cat. NO. NM-CKO-2115284) were purchased from Shanghai Model Organisms Center, Inc..

## Disease Connection

|                             |                     |                                                                                                                                                                                                                          |
|-----------------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Systemic Scleroderma</b> | <b>Phenotype(s)</b> | <a href="#">MGI:4441385</a><br>Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Tek-cre mice.                                                                                  |
|                             | <b>Reference(s)</b> | Asano Y, Stawski L, Hant F, Highland K, Silver R, Szalai G, Watson DK, Trojanowska M, Endothelial Fli1 deficiency impairs vascular homeostasis: a role in scleroderma vasculopathy. Am J Pathol. 2010 Apr;176(4):1983-98 |

## Validation Data

No data

