

# Piezo1-Flox

|                     |                                                 |
|---------------------|-------------------------------------------------|
| <b>Nomenclature</b> | C57BL/6- <i>Piezo1</i> <sup>em1(flox)Smoc</sup> |
| <b>Cat. NO.</b>     | NM-CKO-200275                                   |
| <b>Strain State</b> | Repository Live                                 |

## Gene Summary

|                                     |                       |                                     |
|-------------------------------------|-----------------------|-------------------------------------|
| <b>Gene Symbol</b><br><b>Piezo1</b> | <b>Synonyms</b>       | Fam38a, mKIAA0233, 9630020g22       |
|                                     | <b>NCBI ID</b>        | <a href="#">234839</a>              |
|                                     | <b>MGI ID</b>         | <a href="#">3603204</a>             |
|                                     | <b>Ensembl ID</b>     | <a href="#">ENSMUSG000000014444</a> |
|                                     | <b>Human Ortholog</b> | PIEZO1                              |

## Model Description

These mice carry loxP sites flanking exon 4-5 of Piezo1 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Piezo1 gene.

\*Literature published using this strain should indicate: Piezo1-Flox mice (Cat. NO. NM-CKO-200275) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

No data