

# Bag3-Flox

|        |   |
|--------|---|
| 系統名    | C57BL/6Smoc- <i>Bag3</i> <sup>em1(flox)Smoc</sup> |
| SMOC番号 | NM-CKO-2101856                                    |
| 維持形態   | Sperm cryopreservation                            |

## 遺伝子の概要

|                     |                |                                    |
|---------------------|----------------|------------------------------------|
| Gene Symbol<br>Bag3 | Synonyms       | Bis, mg638, AA407278               |
|                     | NCBI ID        | <a href="#">29810</a>              |
|                     | MGI ID         | <a href="#">1352493</a>            |
|                     | Ensembl ID     | <a href="#">ENSMUSG00000030847</a> |
|                     | Human Ortholog | BAG3                               |

## 説明

These mice carry loxP sites flanking exon 4 of Bag3 gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of Bag3 gene.

\*Literature published using this strain should indicate: Bag3-Flox mice (Cat. NO. NM-CKO-2101856) were purchased from Shanghai Model Organisms Center, Inc..

## 病気の予測

|                               |      |  |
|-------------------------------|------|--|
| Dilated Cardiomyopathy<br>1Hh | 表現型  | <a href="#">MGI:6107901</a><br>Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myhca-cre mice.  |
|                               | 参考文献 | Fang X, Bogomolovas J, Wu T, Zhang W, Liu C, Veevers J, Stroud MJ, Zhang Z, Ma X, Mu Y, Lao DH, Dalton ND, Gu Y, Wang C, Wang M, Liang Y, Lange S, Ouyang K, Peterson KL, Evans SM, Chen J, Loss-of-function mutations in co-chaperone BAG3 destabilize small HSPs and cause cardiomyopathy. J Clin Invest. 2017 Aug 01;127(8):3189-3200 |

|                                       |             |  |
|---------------------------------------|-------------|--|
| <b>dilated cardiomyopathy<br/>1HH</b> | <b>表現型</b>  | <a href="#">MGI:6107910</a><br>Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Myhca-cre mice.  |
|                                       | <b>参考文献</b> | Fang X, Bogomolovas J, Wu T, Zhang W, Liu C, Veevers J, Stroud MJ, Zhang Z, Ma X, Mu Y, Lao DH, Dalton ND, Gu Y, Wang C, Wang M, Liang Y, Lange S, Ouyang K, Peterson KL, Evans SM, Chen J, Loss-of-function mutations in co-chaperone BAG3 destabilize small HSPs and cause cardiomyopathy. J Clin Invest. 2017 Aug 01;127(8):3189-3200 |

### 表現型データ

No data