

# Hdac3-Flox

|      |                                                    |
|------|----------------------------------------------------|
| 品系全名 | C57BL/6Smoc- <i>Hdac3</i> <sup>em1(flox)Smoc</sup> |
| 目录号  | NM-CKO-210039                                      |
| 品系状态 | 精子冻存                                               |

## 基因信息

|              |            |                                    |
|--------------|------------|------------------------------------|
| 基因名<br>Hdac3 | 基因曾用名      | AW537363                           |
|              | NCBI ID    | <a href="#">15183</a>              |
|              | MGI ID     | <a href="#">1343091</a>            |
|              | Ensembl ID | <a href="#">ENSMUSG00000024454</a> |
|              | 人类同源基因     | HDAC3                              |

## 品系描述

在Hdac3基因exon 4-7两侧分别插入loxP位点。该flox小鼠可与组织特异性Cre工具鼠交配，获得在特定细胞类型或组织中敲除Hdac3基因的小鼠模型。

\*使用本品系发表的文献需注明: Hdac3-Flox mice (Cat. NO. NM-CKO-210039) were purchased from Shanghai Model Organisms Center, Inc..

## 疾病预测

|                          |         |                                                                                                                                                                                                                |
|--------------------------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 子宫内膜异位症<br>Endometriosis | 近似模型的表型 | <a href="#">MGI:6281662</a><br>注：该品系与Pgr-Cre工具鼠交配才可能获得预期表型                                                                                                                                                     |
|                          | 参考文献    | Kim TH, Yoo JY, Choi KC, Shin JH, Leach RE, Fazleabas AT, Young SL, Lessey BA, Yoon HG, Jeong JW, Loss of HDAC3 results in nonreceptive endometrium and female infertility. Sci Transl Med. 2019 Jan 9;11(474) |

## 验证数据

暂无数据