

Cdh1-Flox

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| 系統名 | C57BL/6Smoc- <i>Cdh1</i> ^{tm(flox)1Smoc} |
| SMOC番号 | NM-CKO-18016 |
| 維持形態 | Repository Live |

遺伝子の概要

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| Gene Symbol Cdh1 | Synonyms | Um; UVO; Ecad; ARC-1; E-cad; L-CAM; AA960649 |
| | NCBI ID | 12550 |
| | MGI ID | 88354 |
| | Ensembl ID | ENSMUSG00000000303 |
| | Human Ortholog | CDH1 |

説明

These mice carry loxP sites flanking exon3 of the *Cdh1* gene. When crossed with a Cre recombinase-expressing strain, this strain is useful in eliminating tissue-specific conditional expression of the gene.

*Literature published using this strain should indicate: *Cdh1*-Flox mice (Cat. NO. NM-CKO-18016) were purchased from Shanghai Model Organisms Center, Inc..

病気の予測

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| Stomach Cancer | 表現型 | MGI:5634400 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with <i>Smad4</i> -Flox(NM-CKO-18011), <i>P53</i> -Flox(2)(NM-CKO-190067) and <i>Pdx1</i> -cre mice. |
| | 参考文献 | Park JW, Jang SH, Park DM, Lim NJ, Deng C, Kim DY, Green JE, Kim HK, Cooperativity of E-cadherin and <i>Smad4</i> Loss to Promote Diffuse-Type Gastric Adenocarcinoma and Metastasis. <i>Mol Cancer Res.</i> 2014 Aug;12(8):1088-99 |

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| Invasive Lobular Carcinoma | 表現型 | MGI:6296606 Note: The expected phenotype(s) may be observed in the above-mentioned mice that bred with Cdh1-Flox(NM-CKO-18016) and Wap-cre mice. |
| | 参考文献 | Derksen PW, Braumuller TM, van der Burg E, Hornsveld M, Mesman E, Wesseling J, Krimpenfort P, Jonkers J, Mammary-specific inactivation of E-cadherin and p53 impairs functional gland development and leads to pleomorphic invasive lobular carcinoma in mice. Dis Model Mech. 2011 May-Jun;4(3):347-58 |

表現型データ

No data