

# Prom1-KO

|      |                                              |
|------|----------------------------------------------|
| 品系全名 | C57BL/6Smoc- <i>Prom1</i> <sup>em2Smoc</sup> |
| 目录号  | NM-KO-200434                                 |
| 品系状态 | 在研                                           |

## 基因信息

|              |            |                                                   |
|--------------|------------|---------------------------------------------------|
| 基因名<br>Prom1 | 基因曾用名      | Prom, AC133, CD133, Prom-1, Proml1, 4932416E19Rik |
|              | NCBI ID    | <a href="#">19126</a>                             |
|              | MGI ID     | <a href="#">1100886</a>                           |
|              | Ensembl ID | <a href="#">ENSMUSG00000029086</a>                |
|              | 基因标记细胞类型举例 | 肠隐窝肠内分泌前体细胞、大脑神经干细胞、肾脏髓细胞                         |
|              | 人类同源基因     | PROM1                                             |
|              | 人类同源基因关联疾病 | 视网膜色素变性、斯塔加德病、黄斑营养不良                              |

## 品系描述

敲除Prom1基因exon 3，建立Prom1基因敲除小鼠模型。

**应用领域：**治疗性抗体靶点

\*使用本品系发表的文献需注明: Prom1-KO mice (Cat. NO. NM-KO-200434) were purchased from Shanghai Model Organisms Center, Inc..

## 疾病预测

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>色素性视网膜炎 41</b><br/><b>Retinitis Pigmentosa 41</b></p> | <p><b>近似模型的表型</b>      <a href="#">MGI:3838535</a></p>                                                                                                                                                                                                                                                                                                                                  |
|                                                             | <p><b>参考文献</b>      Zacchigna S , Oh H , Wilsch-Brauninger M , Missol-Kolka E , Jaszai J , Jansen S , Tanimoto N , Tonagel F , Seeliger M , Huttner WB , Corbeil D , Dewerchin M , Vinckier S , Moons L , Carmeliet P, Loss of the cholesterol-binding protein prominin-1/CD133 causes disk dysmorphogenesis and photoreceptor degeneration. J Neurosci. 2009 Feb 18;29(7):2297-308</p> |

## 验证数据

暂无数据