

Fmr1-KO

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| 品系全名 | C57BL/6JSmo- <i>Fmr1</i> ^{em1Smoc} |
| 目录号 | NM-KO-253822 |
| 品系状态 | 活体 |

基因信息

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|-------------|------------|------------------------------------|
| 基因名 Fmr1 | 基因曾用名 | FMRP; Fmr-1 |
| | 染色体位置 | X |
| | NCBI ID | 14265 |
| | MGI ID | 95564 |
| | Ensembl ID | ENSMUSG00000000838 |
| | 人类同源基因 | FMR1 |

品系描述

通过敲除Fmr1基因exon 5，建立Fmr1基因敲除小鼠模型。

*使用本品系发表的文献需注明: Fmr1-KO mice (Cat. NO. NM-KO-253822) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

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| 脆性 X 综合征 Fragile X Syndrome | 近似模型的表型 | MGI:2665400 |
| | 参考文献 | Bakker CE, Verheij C, Willemsen R, Vanderhelm R, Oerlemans F, Vermey M, Bygrave A, Hoogeveen AT, Oostra BA, Reyniers E, Deboulle K, Dhooge R, Cras P, Vanvelzen D, Nagels G, Martin JJ, Dedyn PP, Darby JK, Willems PJ, The Dutch-Belgium Fragile X Consortium, Fmr1 knockout mice: a model to study fragile x mental retardation. The Dutch-Belgium Fragile X Consortium. Cell. 1994 Jul 15;78(1):23-33 |

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| 自闭症谱系障碍 Autism Spectrum Disorder | 近似模型的表型 | MGI:5316396 |
| | 参考文献 | Pietro Paolo S, Guillemainot A, Martin B, D'Amato FR, Crusio WE, Genetic-background modulation of core and variable autistic-like symptoms in Fmr1 knock-out mice. PLoS One. 2011;6(2):e17073 |

验证数据

暂无数据