

Hexb-KO

品系全名	C57BL/6JSmo- <i>Hexb</i> ^{em15moc}
目录号	NM-KO-202069
品系状态	精子冻存

基因信息

基因名 Hexb	基因曾用名	-
	NCBI ID	15212
	MGI ID	96074
	Ensembl ID	ENSMUSG00000021665
	人类同源基因	HEXB

品系描述

通过敲除Hexb基因exon 2，建立Hexb基因敲除小鼠模型。

*使用本品系发表的文献需注明: Hexb-KO mice (Cat. NO. NM-KO-202069) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

Sly综合症 Sly Syndrome	近似模型的表型	MGI:2177551 注：该品系需与Hexa-KO(NM-KO-200986) 交配才可能获得预期表型
	参考文献	Sango K, McDonald MP, Crawley JN, Mack ML, Tiftt CJ, Skop E, Starr CM, Hoffmann A, Sandhoff K, Suzuki K, Proia RL, Mice lacking both subunits of lysosomal beta-hexosaminidase display gangliosidosis and mucopolysaccharidosis. Nat Genet. 1996 Nov;14(3):348-52

桑霍夫病 Sandhoff Disease	近似模型的表型 MGI:2177468
	参考文献 Sango K, Yamanaka S, Hoffmann A, Okuda Y, Grinberg A, Westphal H, McDonald MP, Crawley JN, Sandhoff K, Suzuki K, Proia RL, Mouse models of Tay-Sachs and Sandhoff diseases differ in neurologic phenotype and ganglioside metabolism. Nat Genet. 1995 Oct;11(2):170-6
桑霍夫病 Sandhoff Disease	近似模型的表型 MGI:3579384 注：该品系需与Fcer1g-KO(NM-KO-190187)交配才可能获得预期表型
	参考文献 Yamaguchi A, Katsuyama K, Nagahama K, Takai T, Aoki I, Yamanaka S, Possible role of autoantibodies in the pathophysiology of GM2 gangliosidoses. J Clin Invest. 2004 Jan;113(2):200-8
桑霍夫病 Sandhoff Disease	近似模型的表型 MGI:3579804 注：该品系需与Ccl3-KO(NM-KO-190014)交配才可能获得预期表型
	参考文献 Wu YP, Proia RL, Deletion of macrophage-inflammatory protein 1 alpha retards neurodegeneration in Sandhoff disease mice. Proc Natl Acad Sci U S A. 2004 Jun 1;101(22):8425-30

验证数据

暂无数据