

Rdh8-KO

品系全名	C57BL/6Smoc- <i>Rdh8</i> ^{em/Smoc}
目录号	NM-KO-230221
品系状态	精子冻存

基因信息

基因名 Rdh8	基因曾用名	Gm182, prRDH
	NCBI ID	235033
	MGI ID	2685028
	Ensembl ID	ENSMUSG00000053773
	人类同源基因	RDH8

品系描述

通过敲除Rdh8基因的exon 2-4建立Rdh8基因敲除小鼠模型。

*使用本品系发表的文献需注明: Rdh8-KO mice (Cat. NO. NM-KO-230221) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

黄斑变性疾病 Stargardt Disease	近似模型的表型	MGI:6159294 注：该品系需与Abca4-KO(NM-KO-2104711)交配才可能获得预期表型
	参考文献	Wu Y, Jin Q, Yao K, Zhao J, Chen J, Wu X, Gan L, Li J, Song X, Liu X, Cai X, Retinal metabolism in humans induces the formation of an unprecedented lipofuscin fluorophore 'pdA2E'. Biochem J. 2014 Jun 15;460(3):343-52

年龄相关性黄斑变性 Age Related Macular Degeneration 2	近似模型的表型	MGI:4410294 注：该品系需与Abca4-KO(NM-KO-2104711) 交配才可能获得预期表型
	参考文献	Maeda T, Maeda A, Matosky M, Okano K, Roos S, Tang J, Palczewski K, Evaluation of potential therapies for a mouse model of human age-related macular degeneration caused by delayed all-trans-retinal clearance. Invest Ophthalmol Vis Sci. 2009 Oct;50(10):4917-25

验证数据

暂无数据