

Cyp19A1-KO

品系全名	C57BL/6Smoc- <i>Cyp19A1</i> ^{em1Smoc}
目录号	NM-KO-2102244
品系状态	胚胎冻存

基因信息

基因名 Cyp19A1	基因曾用名	Ar, ArKO, Int5, Cyp19, Int-5, p450arom
	NCBI ID	13075
	MGI ID	88587
	Ensembl ID	ENSMUSG00000032274
	人类同源基因	CYP19A1
	人类同源基因关联疾病	芳香酶缺陷、子宫内膜异位症

品系描述

敲除Cyp19a1基因exon 2, 建立Cyp19a1基因敲除小鼠模型

*使用本品系发表的文献需注明: Cyp19A1-KO mice (Cat. NO. NM-KO-2102244) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

腹部肥胖代谢综合征 Abdominal Obesity-Metabolic Syndrome	近似模型的表型	MGI:5428435 注: 该品系需与Apoe-KO(2)(NM-KO-190565)交配才可能获得预期表型
	参考文献	Scott NJ, Cameron VA, Raudsepp S, Lewis LK, Simpson ER, Richards AM, Ellmers LJ, Generation and characterization of a mouse model of the metabolic syndrome: apolipoprotein E and aromatase double knockout mice. Am J Physiol Endocrinol Metab. 2012 Mar;302(5):E576-84

干燥综合征 Sjogren's Syndrome	近似模型的表型	MGI:2450128
	参考文献	Shim GJ, Warner M, Kim HJ, Andersson S, Liu L, Ekman J, Imamov O, Jones ME, Simpson ER, Gustafsson JA, Aromatase-deficient mice spontaneously develop a lymphoproliferative autoimmune disease resembling Sjogren's syndrome. Proc Natl Acad Sci U S A. 2004 Aug 24;101(34):12628-33

验证数据

暂无数据