

Brpf1-Flox

品系全名	C57BL/6Smoc- <i>Brpf1</i> ^{em1(flox)Smoc}
目录号	NM-CKO-232388
品系状态	活体

基因信息

基因名 Brpf1	基因曾用名	Brpf2; 4833438B11Rik; 4930540D11Rik
	NCBI ID	78783
	MGI ID	1926033
	Ensembl ID	ENSMUSG000000001632
	人类同源基因	BRPF1

品系描述

通过在Brpf1基因exon 4-6两侧分别插入loxP位点。该flox小鼠可与组织特异性Cre工具鼠交配，获得在特定细胞类型或组织中敲除Brpf1基因的小鼠模型。

*使用本品系发表的文献需注明: Brpf1-Flox mice (Cat. NO. NM-CKO-232388) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

综合征性智力障碍 Syndromic Intellectual Disability	近似模型的表型	MGI:5896655 注：该品系与Emx1-Cre工具鼠交配才可能获得预期表型
	参考文献	Yan K, Rousseau J, Littlejohn RO, Kiss C, Lehman A, Rosenfeld JA, Stumpel CT, Stegmann AP, Robak L, Scaglia F, Nguyen TT, Fu H, Ajeawung NF, Camurri MV, Li L, Gardham A, Panis B, Almannai M, Sacoto MJ, Baskin B, Ruivenkamp C, Xia F, Bi W, Cho MT, Potjer TP, Santen GW, Parker MJ, Canham N, McKinnon M, Potocki L, MacKenzie JJ, Roeder ER, Campeau PM, Yang XJ, Mutations in the Chromatin Regulator Gene BRPF1 Cause Syndromic Intellectual Disability and Deficient Histone Acetylation. Am J Hum Genet. 2017 Jan 05;100(1):91-104

验证数据

暂无数据