

Sost-KO

品系全名	C57BL/6Smoc- <i>Sost</i> ^{em1Smoc}
目录号	NM-KO-200504
品系状态	活体

基因信息

基因名 Sost	基因曾用名	5430411E23Rik
	NCBI ID	74499
	MGI ID	1921749
	Ensembl ID	ENSMUSG000000001494
	人类同源基因	SOST

品系描述

敲除Sost基因exon 2, 建立Sost基因敲除小鼠模型。

应用领域：治疗性抗体靶点

*使用本品系发表的文献需注明: Sost-KO mice (Cat. NO. NM-KO-200504) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

SOST相关的硬化性骨发育不良 Sost-Related Sclerosing Bone Dysplasia	近似模型的表型	MGI:4882107
	参考文献	Collette NM, Genetos DC, Economides AN, Xie L, Shahnazari M, Yao W, Lane NE, Harland RM, Loots GG, Targeted deletion of Sost distal enhancer increases bone formation and bone mass. Proc Natl Acad Sci U S A. 2012 Aug 28;109(35):14092-7

硬化症 1 Sclerosteosis 1	近似模型的表型	MGI:3850032
	参考文献	Kedlaya R, Veera S, Horan DJ, Moss RE, Ayturk UM, Jacobsen CM, Bowen ME, Paszty C, Warman ML, Robling AG, Sclerostin inhibition reverses skeletal fragility in an Lrp5-deficient mouse model of OPPG syndrome. Sci Transl Med. 2013 Nov 13;5(211):211ra158

验证数据

暂无数据