

Zap70-W163C(Balb/c)

品系全名	BALB/cAnSmoc- <i>Zap70</i> ^{em(W163C)Smoc}
目录号	NM-KI-210366
品系状态	活体

基因信息

基因名 Zap70	基因曾用名	Srk, mur, mrtle, ZAP-70
	NCBI ID	22637
	MGI ID	99613
	Ensembl ID	ENSMUSG00000026117
	人类同源基因	ZAP70

品系描述

将小鼠Zap70基因表达蛋白的163位氨基酸由W替换为C，建立该Zap70基因点突变小鼠模型。

应用领域：类风湿性关节炎模型，强直性脊柱炎模型，SKG模型

*使用本品系发表的文献需注明: Zap70-W163C(Balb/c) mice (Cat. NO. NM-KI-210366) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

类风湿关节炎 Rheumatoid Arthritis	近似模型的表型	MGI:3698734
	参考文献	Sakaguchi N, Takahashi T, Hata H, Nomura T, Tagami T, Yamazaki S, Sakihama T, Matsutani T, Negishi I, Nakatsuru S, Sakaguchi S, Altered thymic T-cell selection due to a mutation of the ZAP-70 gene causes autoimmune arthritis in mice. Nature. 2003 Nov 27;426(6965):454-60

验证数据

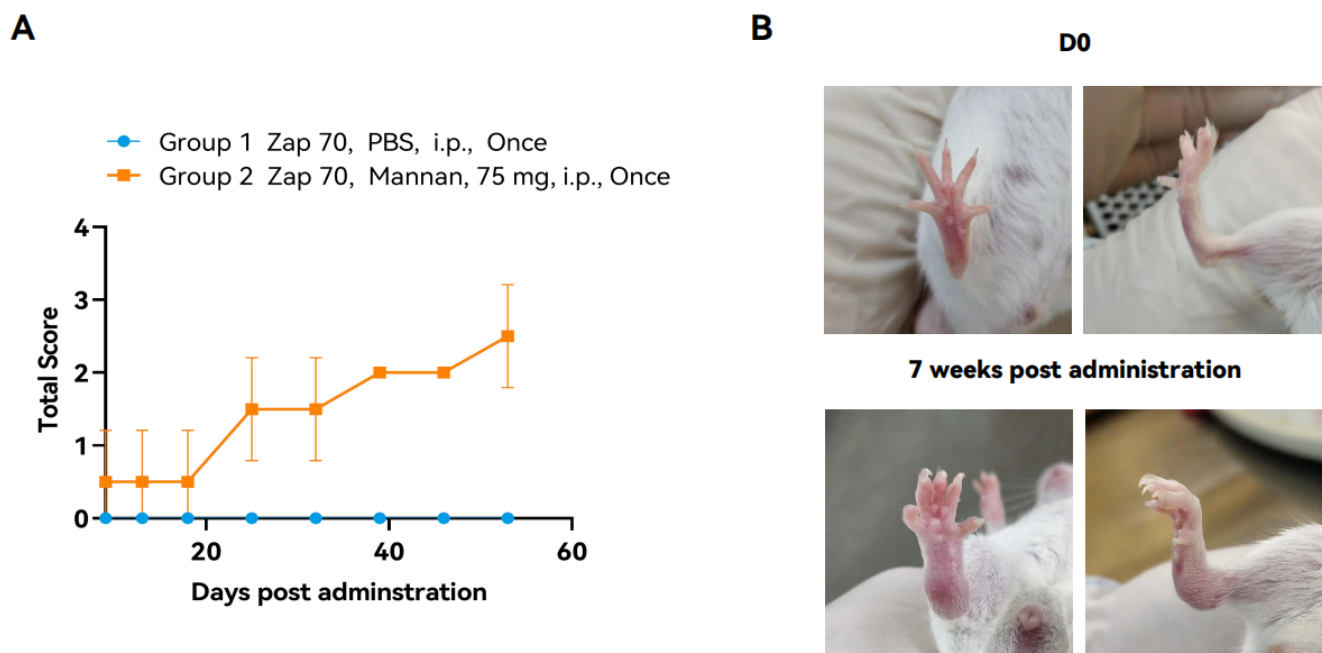


Fig1. Elicitation of chronic arthritis by administration of Mannan.

Signs of arthritis were assessed by a visual score where 0=no joint swelling, 1=mild to moderate swelling, 2=substantial swelling of the wrist or ankle joint, and 3=severe swelling of the wrist or ankle joint.

发表文献

[A novel Anti-ROS osteoblast-specific delivery system for ankylosing spondylitis treatment via suppression of both inflammation and pathological new bone formation](#)

来源杂志: Journal of Nanobiotechnology