

R26-CAG-LSL-hSOD1*G94A-IRES-EGFP

品系全名	C57BL/6Smoc- <i>Gt(ROSA)26Sor</i> ^{em1(CAG-FRT-LSL-SOD1(G94A)-IRES-EGFP-WPRE-pA)Smoc}
目录号	NM-KI-200263
品系状态	精子冻存

基因信息

基因名 Gt(ROSA)26Sor	基因曾用名	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	NCBI ID	14910
	MGI ID	104735
	Ensembl ID	ENSMUSG00000086429

品系描述

将CAG-FRT-LSL-SOD1(G94A)-IRES-EGFP-WPRE-pA插入到小鼠Rosa26位点。

*使用本品系发表的文献需注明: R26-CAG-LSL-hSOD1*G94A-IRES-EGFP mice (Cat. NO. NM-KI-200263) were purchased from Shanghai Model Organisms Center, Inc..

疾病预测

肌萎缩侧索硬化 Amyotrophic Lateral Sclerosis Type 1	近似模型的表型	MGI:4440461
	参考文献	Zhang B, et al., Neurofilaments and orthograde transport are reduced in ventral root axons of transgenic mice that express human SOD1 with a G93A mutation. J Cell Biol. 1997 Dec 1;139(5):1307-15

肌萎缩侧索硬化 (渐冻症) Amyotrophic Lateral Sclerosis Type 1	近似模型的表型	MGI:3785390 注：参考模型采用鼠源thy1.2基因的启动子与人源SOD1的突变cDNA通过随机转基因构建而成。NM-KI-200263可能需要与Thy1-cre工具鼠交配才可能获得类似的预期表型。
	参考文献	Jaarsma D, Teuling E, Haasdijk ED, De Zeeuw CI, Hoogenraad CC, Neuron-specific expression of mutant superoxide dismutase is sufficient to induce amyotrophic lateral sclerosis in transgenic mice. J Neurosci. 2008 Feb 27;28(9):2075-88

验证数据

暂无数据