

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

Nomenclature	C57BL/6Smoc- <i>Gt(ROSA)26Sor</i> ^{em1(CAG-FRT-LSL- SOD1(G94A)-IRES-EGFP-WPRE-pA)Smoc}
Cat. NO.	NM-KI-200263
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol Gt(ROSA)26Sor	Synonyms	R26, ROSA26, AV258896, Gtrg eo26, Gtrosa26, Thumpd3as1
	NCBI ID	14910
	MGI ID	104735
	Ensembl ID	ENSMUSG00000086429

Model Description

A CAG-FRT-LSL- SOD1(G94A)-IRES-EGFP-WPRE-pA expression cassette was knocked into the Rosa26 locus.

*Literature published using this strain should indicate: R26-CAG-LSL-hSOD1*G94A-IRES-EGFP mice (Cat. NO. NM-KI-200263) were purchased from Shanghai Model Organisms Center, Inc..

Disease Connection

Amyotrophic Lateral Sclerosis Type 1	Phenotype(s)	MGI:4440461 Note: The reference model was constructed by random transgene using the promoter of mouse thy1.2 gene and the mutant cDNA of human SOD1. NM-KI-200263 may require mating with Thy1-cre tool mice to obtain similar expected phenotypes.
	Reference(s)	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

Validation Data

No data

