Resource Summary Report

Generated by Kravitz on Sep 23, 2026

Tg(SMN2)2Hung/Tg(SMN2)2Hung; Smn1^{tm1Hung}/Smn1^{tm1Hung}

RRID:MGI:3663375
Type: Organism

Proper Citation

RRID:MGI:3663375

Organism Information

URL:

Proper Citation: RRID:MGI:3663375

Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: abnormal tail morphology, increased skeletal muscle fiber size, thick tail, hairless, abnormal motor neuron morphology, abnormal astrocyte morphology, decreased motor neuron number, short tail, abnormal skeletal muscle fiber morphology, decreased skeletal muscle fiber number, decreased skeletal muscle fiber diameter, decreased body weight, extremity edema, hindlimb paralysis, muscular atrophy, axon degeneration, tail necrosis, postnatal lethality, incomplete penetrance, premature death, chromatolysis

Affected Gene: Smn1

Genomic Alteration: Tg(SMN2)2Hung, tm1Hung

Catalog Number: 3663375

Background: involves: 129P2/OlaHsd * FVB/N

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:10615130

Organism Name: Tg(SMN2)2Hung/Tg(SMN2)2Hung; $Smn1^{tm1Hung}/Smn1^{tm1Hung}$

Record Creation Time: 20240120T190546+0000

Record Last Update: 20240130T201957+0000

Ratings and Alerts

No rating or validation information has been found for Tg(SMN2)2Hung/Tg(SMN2)2Hung; $Smn1^{tm1Hung}/Smn1^{tm1Hung}$.

No alerts have been found for Tg(SMN2)2Hung/Tg(SMN2)2Hung; $Smn1^{tm1Hung}/Smn1^{tm1Hung}$.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at Kravitz .

Hammond SM, et al. (2022) Antibody-oligonucleotide conjugate achieves CNS delivery in animal models for spinal muscular atrophy. JCI insight, 7(24).