

# Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[Grm7Tg\(SMN2\)89Ahmb/Grm7Tg\(SMN2\)89Ahmb; Smn1tm1Msd/Smn1tm1Msd;](#)  
[Tg\(SMN2\\*delta7\)4299Ahmb/Tg\(SMN2\\*delta7\)4299Ahmb](#)

RRID:MGI:4835061

Type: Organism

## Proper Citation

RRID:MGI:4835061

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:4835061

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

**Species:** Mus musculus

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

**Phenotype:** prolonged RR interval, cardiac interstitial fibrosis, abnormal artery morphology, abnormal interventricular septum morphology, decreased heart rate, thin interventricular septum, increased heart left ventricle size, oxidative stress

**Affected Gene:** Grm7, Smn1

**Genomic Alteration:** Tg(SMN2)89Ahmb, tm1Msd, Tg(SMN2\*delta7)4299Ahmb

**Catalog Number:** 4835061

**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:20696672](#)

**Organism Name:** Grm7<sup>Tg(SMN2)89Ahmb</sup>/Grm7<sup>Tg(SMN2)89Ahmb</sup>; Smn1<sup>tm1Msd</sup>/Smn1<sup>tm1Msd</sup>; Tg(SMN2\*delta7)4299Ahmb/Tg(SMN2\*delta7)4299Ahmb

**Record Creation Time:** 20240120T190244+0000

**Record Last Update:** 20240130T201814+0000

---

## Ratings and Alerts

No rating or validation information has been found for Grm7<sup>Tg(SMN2)89Ahmb</sup>/Grm7<sup>Tg(SMN2)89Ahmb</sup>; Smn1<sup>tm1Msd</sup>/Smn1<sup>tm1Msd</sup>; Tg(SMN2\*delta7)4299Ahmb/Tg(SMN2\*delta7)4299Ahmb.

No alerts have been found for Grm7<sup>Tg(SMN2)89Ahmb</sup>/Grm7<sup>Tg(SMN2)89Ahmb</sup>; Smn1<sup>tm1Msd</sup>/Smn1<sup>tm1Msd</sup>; Tg(SMN2\*delta7)4299Ahmb/Tg(SMN2\*delta7)4299Ahmb.

---

## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** MGI, Mouse Genome Informatics MGI

---

## Usage and Citation Metrics

We have not found any literature mentions for this resource.