

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 29, 2026

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

RRID:MGI:4835061

Type: Organism

Proper Citation

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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^{Tg(SMN2)89Ahmb}/Grm7^{Tg(SMN2)89Ahmb}; Smn1^{tm1Msd}/Smn1^{tm1Msd}; 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^{Tg(SMN2)89Ahmb}/Grm7^{Tg(SMN2)89Ahmb}; Smn1^{tm1Msd}/Smn1^{tm1Msd}; Tg(SMN2*delta7)4299Ahmb/Tg(SMN2*delta7)4299Ahmb.

No alerts have been found for Grm7^{Tg(SMN2)89Ahmb}/Grm7^{Tg(SMN2)89Ahmb}; Smn1^{tm1Msd}/Smn1^{tm1Msd}; 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.