

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

Tg(Thy1-YFP)16Jrs; Gars^{Nmf249}/Gars⁺

RRID:MGI:5752579

Type: Organism

Proper Citation

RRID:MGI:5752579

Organism Information

URL:

Proper Citation: RRID:MGI:5752579

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

Species: Mus musculus

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

Phenotype: abnormal neuromuscular synapse morphology, abnormal synaptic transmission, abnormal PNS synaptic transmission, decreased grip strength, abnormal endplate potential

Affected Gene: Gars

Genomic Alteration: Tg(Thy1-YFP)16Jrs, Nmf249

Catalog Number: 5752579

Background: involves: C57BL/6J * CAST/Ei * CBA/J

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:26985035](#)

Organism Name: Tg(Thy1-YFP)16Jrs; Gars^{Nmf249}/Gars⁺

Record Creation Time: 20240120T185923+0000

Record Last Update: 20240130T201614+0000

Ratings and Alerts

No rating or validation information has been found for Tg(Thy1-YFP)16Jrs; Gars^{Nmf249}/Gars⁺.

No alerts have been found for Tg(Thy1-YFP)16Jrs; Gars^{Nmf249}/Gars⁺.

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 [NIF](#) .

Wen X, et al. (2018) Elevated Pressure Increases Ca²⁺ Influx Through AMPA Receptors in Select Populations of Retinal Ganglion Cells. *Frontiers in cellular neuroscience*, 12, 162.