

# Resource Summary Report

Generated by [ASWG](#) on Aug 7, 2026

[Rtn4<sup>tm1Schw</sup>/Rtn4<sup>tm1Schw</sup>](#)

RRID:MGI:3624445

Type: Organism

## Proper Citation

RRID:MGI:3624445

## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3624445

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

**Species:** Mus musculus

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

**Phenotype:** improved central nervous system regeneration

**Affected Gene:** Rtn4

**Genomic Alteration:** tm1Schw

**Catalog Number:** 3624445

**Background:** involves: 129S6/SvEvTac \* C57BL/6

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

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:12718855](#)

**Organism Name:** Rtn4<sup>tm1Schw</sup>/Rtn4<sup>tm1Schw</sup>

**Record Creation Time:** 20240120T190558+0000

**Record Last Update:** 20240130T202004+0000

## Ratings and Alerts

No rating or validation information has been found for Rtn4<sup>tm1Schw</sup>/Rtn4<sup>tm1Schw</sup>.

No alerts have been found for Rtn4<sup>tm1Schw</sup>/Rtn4<sup>tm1Schw</sup>.

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## Data and Source Information

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

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

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [ASWG](#).

Zhai J, et al. (2021) Co-targeting myelin inhibitors and CSPGs markedly enhances regeneration of GDNF-stimulated, but not conditioning-lesioned, sensory axons into the spinal cord. eLife, 10.