

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

[Rtn4^{tm1Schw}/Rtn4^{tm1Schw}](#)

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^{tm1Schw}/Rtn4^{tm1Schw}

Record Creation Time: 20240120T190558+0000

Record Last Update: 20240130T202004+0000

Ratings and Alerts

No rating or validation information has been found for Rtn4^{tm1Schw}/Rtn4^{tm1Schw}.

No alerts have been found for Rtn4^{tm1Schw}/Rtn4^{tm1Schw}.

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 [SPARC SAWG](#).

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.