

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

[Sptan1^{Gt\(RRQ171\)Byg}/Sptan1^{Gt\(RRQ171\)Byg}](#)

RRID:MGI:5431706

Type: Organism

Proper Citation

RRID:MGI:5431706

Organism Information

URL:

Proper Citation: RRID:MGI:5431706

Description: Allele Detail: Gene trapped This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Gene trapped This is a legacy resource.

Phenotype: abnormal axon initial segment morphology

Affected Gene: Sptan1

Genomic Alteration: Gt(RRQ171)Byg

Catalog Number: 5431706

Background: involves: 129P2/OlaHsd

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:22632975](#)

Organism Name: Sptan1^{Gt(RRQ171)Byg}/Sptan1^{Gt(RRQ171)Byg}

Record Creation Time: 20240120T190141+0000

Record Last Update: 20240130T201738+0000

Ratings and Alerts

No rating or validation information has been found for Sptan1^{Gt(RRQ171)Byg}/Sptan1^{Gt(RRQ171)Byg}.

No alerts have been found for Sptan1^{Gt(RRQ171)Byg}/Sptan1^{Gt(RRQ171)Byg}.

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.