

Resource Summary Report

Generated by [NIF](#) on Sep 1, 2026

[Nlgn1^{tm1Bros}/Nlgn1^{tm1Bros}; Nlgn2^{tm1Bros}/Nlgn2^{tm1Bros}; Nlgn3^{tm1Bros}/Nlgn3^{tm1Bros}](#)

RRID:MGI:3688634

Type: Organism

Proper Citation

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Organism Information

URL:

Proper Citation: RRID:MGI:3688634

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

Species: Mus musculus

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

Phenotype: abnormal nervous system development, decreased body weight, abnormal pre-Botzinger complex physiology, abnormal respiration, neonatal lethality, complete penetrance

Affected Gene: Nlgn3, Nlgn1, Nlgn2

Genomic Alteration: tm1Bros

Catalog Number: 3688634

Background: Not Specified

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:16982420](#)

Organism Name: Nlgn1^{tm1Bros}/Nlgn1^{tm1Bros}; Nlgn2^{tm1Bros}/Nlgn2^{tm1Bros}; Nlgn3^{tm1Bros}/Nlgn3^{tm1Bros}

Record Creation Time: 20240120T190542+0000

Record Last Update: 20240130T201954+0000

Ratings and Alerts

No rating or validation information has been found for Nlgn1^{tm1Bros}/Nlgn1^{tm1Bros}; Nlgn2^{tm1Bros}/Nlgn2^{tm1Bros}; Nlgn3^{tm1Bros}/Nlgn3^{tm1Bros}.

No alerts have been found for Nlgn1^{tm1Bros}/Nlgn1^{tm1Bros}; Nlgn2^{tm1Bros}/Nlgn2^{tm1Bros}; Nlgn3^{tm1Bros}/Nlgn3^{tm1Bros}.

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.