

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

B6;129-Nlgn2^{tm1Bros}/J

RRID:IMSR_JAX:008139

Type: Organism

Proper Citation

RRID:IMSR_JAX:008139

Organism Information

URL: <https://www.jax.org/strain/008139>

Proper Citation: RRID:IMSR_JAX:008139

Description: Mus musculus with name B6;129-Nlgn2^{tm1Bros}/J from IMSR.

Species: Mus musculus

Synonyms: B6;129-Nlgn2/J

Notes: gene symbol note: neuroligin 2; mutant stock: Nlgn2

Affected Gene: neuroligin 2

Genomic Alteration: targeted mutation 1; Nils Brose

Catalog Number: JAX:008139

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129-Nlgn2^{tm1Bros}/J

Record Creation Time: 20250513T053706+0000

Record Last Update: 20260808T050911+0000

Ratings and Alerts

No rating or validation information has been found for B6;129-Nlgn2^{tm1Bros}/J.

No alerts have been found for B6;129-Nlgn2^{tm1Bros}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Seok BS, et al. (2018) The effect of Neuroligin-2 absence on sleep architecture and electroencephalographic activity in mice. Molecular brain, 11(1), 52.

Li J, et al. (2017) Molecular Dissection of Neuroligin 2 and Slitrk3 Reveals an Essential Framework for GABAergic Synapse Development. Neuron, 96(4), 808.