

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

B6.129(SJL)-Ntn1^{tm1.1Tek}/J

RRID:IMSR_JAX:028038

Type: Organism

Proper Citation

RRID:IMSR_JAX:028038

Organism Information

URL: <https://www.jax.org/strain/028038>

Proper Citation: RRID:IMSR_JAX:028038

Description: Mus musculus with name B6.129(SJL)-Ntn1^{tm1.1Tek}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Ntn1/J

Notes: gene symbol note: netrin 1; congenic strain: Ntn1

Affected Gene: netrin 1

Genomic Alteration: targeted mutation 1; Timothy E Kennedy

Catalog Number: JAX:028038

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(SJL)-Ntn1^{tm1.1Tek}/J

Record Creation Time: 20250513T053802+0000

Record Last Update: 20260905T044540+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(SJL)-Ntn1^{tm1.1Tek}/J.

No alerts have been found for B6.129(SJL)-Ntn1^{tm1.1Tek}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Ramalingam P, et al. (2023) Restoring bone marrow niche function rejuvenates aged hematopoietic stem cells by reactivating the DNA Damage Response. Nature communications, 14(1), 2018.

Luo PM, et al. (2023) Stromal netrin 1 coordinates renal arteriogenesis and mural cell differentiation. Development (Cambridge, England), 150(22).

Yao LL, et al. (2020) Astrocytic neogenin/netrin-1 pathway promotes blood vessel homeostasis and function in mouse cortex. The Journal of clinical investigation, 130(12), 6490.