

Resource Summary Report

Generated by [kravitz2](#) on Sep 20, 2026

B6;129S2-Ntrk3^{tm1Bbd}/J

RRID:IMSR_JAX:002481

Type: Organism

Proper Citation

RRID:IMSR_JAX:002481

Organism Information

URL: <https://www.jax.org/strain/002481>

Proper Citation: RRID:IMSR_JAX:002481

Description: Mus musculus with name B6;129S2-Ntrk3^{tm1Bbd}/J from IMSR.

Species: Mus musculus

Synonyms: TRKC

Notes: gene symbol note: neurotrophic tyrosine kinase; receptor; type 3; mutant stock: Ntrk3

Affected Gene: neurotrophic tyrosine kinase; receptor; type 3

Genomic Alteration: targeted mutation 1; Mariano Barbacid

Catalog Number: JAX:002481

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S2-Ntrk3^{tm1Bbd}/J

Record Creation Time: 20250513T053632+0000

Record Last Update: 20260919T054821+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S2-Ntrk3^{tm1Bbd}/J.

No alerts have been found for B6;129S2-Ntrk3^{tm1Bbd}/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 [kravitz2](#) .

Le Ciclé C, et al. (2023) The Neurod1/4-Ntrk3-Src pathway regulates gonadotrope cell adhesion and motility. Cell death discovery, 9(1), 327.

Ndoja A, et al. (2020) Ubiquitin Ligase COP1 Suppresses Neuroinflammation by Degrading c/EBP β in Microglia. Cell, 182(5), 1156.