

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

B6.129S4-Ntrk2^{tm1Rohr}/Mmucd

RRID:MMRRC_000188-UCD

Type: Organism

Proper Citation

RRID:MMRRC_000188-UCD

Organism Information

URL: https://www.mmrrc.org/catalog/sds.php?mmrrc_id=188

Proper Citation: RRID:MMRRC_000188-UCD

Description: Mus musculus with name B6.129S4-Ntrk2^{tm1Rohr}/Mmucd from MMRRC.

Species: Mus musculus

Notes: Research areas: Apoptosis, Cell Biology, Models for Human Disease, Neurobiology, Sensorineural; Mutation Type: Targeted Mutation ; Collection:

Phenotype: impaired ovarian folliculogenesis [MP:0001129]| decreased body weight [MP:0001262]| decreased body size [MP:0001265]| abnormal optic nerve morphology [MP:0001330]| abnormal eyelid morphology [MP:0001340]| impaired righting response [MP:0001523]| abnormal breathing pattern [MP:0001951]| abnormal vision [MP:0002090]| abnormal pupillary reflex [MP:0002638]| decreased circulating adrenocorticotropin level [MP:0002664]| decreased circulating corticosterone level [MP:0002665]| decreased circulating follicle stimulating hormone level [MP:0002790]| impaired granulosa cell differentiation [MP:0003357]| abnormal rod electrophysiology [MP:0004021]| abnormal circulating corticosterone level [MP:0005345]| decreased amacrine cell number [MP:0008106]| abnormal retinal rod cell outer segment morphology [MP:0008456]| abnormal secondary ovarian follicle morphology [MP:0009363]| abnormal retinal development [MP:0009772]| postnatal lethality [MP:0011085]

Affected Gene: Ntrk2

Catalog Number: 000188-UCD

Background: Targeted Mutation

Database: Mutant Mouse Resource and Research Center (MMRRC)

Database Abbreviation: MMRRC

Source References: [PMID:10516311](#)

Alternate IDs: MMRRC_188-UCD, MMRRC_000188, MMRRC_188

Organism Name: B6.129S4-*Ntrk2*^{tm1Rohr}/Mmucd

Record Creation Time: 20230308T054751+0000

Record Last Update: 20260912T133932+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-*Ntrk2*^{tm1Rohr}/Mmucd.

No alerts have been found for B6.129S4-*Ntrk2*^{tm1Rohr}/Mmucd.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Mutant Mouse Resource and Research Center (MMRRC)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Andreska T, et al. (2023) DRD1 signaling modulates TrkB turnover and BDNF sensitivity in direct pathway striatal medium spiny neurons. Cell reports, 42(6), 112575.