

Resource Summary Report

Generated by [dkNET](#) on Sep 2, 2026

B6;129P2-Bdnf^{tm1(Ntf3)}Pern/Kieg

RRID:IMSR_EM:00247

Type: Organism

Proper Citation

RRID:IMSR_EM:00247

Organism Information

URL: <https://www.infrafrontier.eu/emma/strain-details/?q=247>

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Description: Mus musculus with name B6;129P2-Bdnf^{tm1(Ntf3)}Pern/Kieg from IMSR.

Species: Mus musculus

Synonyms: BDNF(NT3/NT3)

Notes: gene symbol note: brain derived neurotrophic factor; mutant strain: Bdnf

Affected Gene: brain derived neurotrophic factor

Genomic Alteration: targeted mutation 1; Patrik Ernfors

Catalog Number: EM:00247

Database: European Mouse Mutant Archive

Database Abbreviation: EMMA

Availability: embryo

Organism Name: B6;129P2-Bdnf^{tm1(Ntf3)}Pern/Kieg

Record Creation Time: 20250513T062207+0000

Record Last Update: 20260829T054507+0000

Ratings and Alerts

No rating or validation information has been found for B6;129P2-Bdnf^{tm1(Ntf3)}Pern/Kieg.

No alerts have been found for B6;129P2-Bdnf^{tm1(Ntf3)}Pern/Kieg.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: European Mouse Mutant Archive

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Fernández-García S, et al. (2020) Astrocytic BDNF and TrkB regulate severity and neuronal activity in mouse models of temporal lobe epilepsy. *Cell death & disease*, 11(6), 411.

de Pins B, et al. (2019) Conditional BDNF Delivery from Astrocytes Rescues Memory Deficits, Spine Density, and Synaptic Properties in the 5xFAD Mouse Model of Alzheimer Disease. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(13), 2441.