

Resource Summary Report

Generated by [NIF](#) on Aug 30, 2026

B6.129(Cg)-Ctnnap2^{tm2Pele}/J

RRID:IMSR_JAX:028635

Type: Organism

Proper Citation

RRID:IMSR_JAX:028635

Organism Information

URL: <https://www.jax.org/strain/028635>

Proper Citation: RRID:IMSR_JAX:028635

Description: Mus musculus with name B6.129(Cg)-Ctnnap2^{tm2Pele}/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: beta-galactosidase|contactin associated protein-like 2; mutant strain|congenic strain: lacZ|Ctnnap2

Affected Gene: beta-galactosidase|contactin associated protein-like 2

Genomic Alteration: targeted mutation 2; Elior Peles

Catalog Number: JAX:028635

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129(Cg)-Ctnnap2^{tm2Pele}/J

Record Creation Time: 20250513T053805+0000

Record Last Update: 20260829T045112+0000

Ratings and Alerts

No rating or validation information has been found for B6.129(Cg)-Ctnnap2^{tm2Pele}/J.

No alerts have been found for B6.129(Cg)-Ctnnap2^{tm2Pele}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Hertweck CH, et al. (2026) Repeated Stress Escalates Aggression and Activity in Fronto-Limbic Regions in Cntnap2^{-/-} Mice. *Genes, brain, and behavior*, 25(2), e70048.

Robinson BG, et al. (2023) Loss of ASD-Related Molecule Cntnap2 Affects Colonic Motility in Mice. *bioRxiv* : the preprint server for biology.

Wang HB, et al. (2020) Melatonin treatment of repetitive behavioral deficits in the Cntnap2 mouse model of autism spectrum disorder. *Neurobiology of disease*, 145, 105064.

Orefice LL, et al. (2019) Targeting Peripheral Somatosensory Neurons to Improve Tactile-Related Phenotypes in ASD Models. *Cell*, 178(4), 867.