

# Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

## B6.129S2(Cg)-Bdnf<sup>tm1Krij</sup>/J

RRID:IMSR\_JAX:021055

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:021055

### Organism Information

**URL:** <https://www.jax.org/strain/021055>

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**Description:** Mus musculus with name B6.129S2(Cg)-Bdnf<sup>tm1Krij</sup>/J from IMSR.

**Species:** Mus musculus

**Notes:** gene symbol note: brain derived neurotrophic factor|beta-galactosidase; mutant strain|congenic strain: Bdnf|lacZ

**Affected Gene:** brain derived neurotrophic factor|beta-galactosidase

**Genomic Alteration:** targeted mutation 1; Kevin R Jones

**Catalog Number:** JAX:021055

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** sperm

**Organism Name:** B6.129S2(Cg)-Bdnf<sup>tm1Krij</sup>/J

**Record Creation Time:** 20250513T053742+0000

**Record Last Update:** 20260905T044523+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129S2(Cg)-Bdnf<sup>tm1Krij</sup>/J.

No alerts have been found for B6.129S2(Cg)-Bdnf<sup>tm1Krij</sup>/J.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Xie X, et al. (2019) Activation of Anxiogenic Circuits Instigates Resistance to Diet-Induced Obesity via Increased Energy Expenditure. Cell metabolism, 29(4), 917.

Tan CL, et al. (2016) Warm-Sensitive Neurons that Control Body Temperature. Cell, 167(1), 47.