Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

B6.129S2(Cg)-Bdnf^{tm1Krj}/J

RRID:IMSR_JAX:021055
Type: Organism

Proper Citation

RRID:IMSR_JAX:021055

Organism Information

URL: https://www.jax.org/strain/021055

Proper Citation: RRID:IMSR_JAX:021055

Description: Mus musculus with name B6.129S2(Cg)-Bdnf^{tm1Krj}/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^{tm1Krj}/J

Record Creation Time: 20250513T053742+0000

Record Last Update: 20260725T044450+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S2(Cg)-Bdnf^{tm1Krj}/J.

No alerts have been found for B6.129S2(Cg)-Bdnf^{tm1Krj}/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 .

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.