

Resource Summary Report

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

B6.129S1(Cg)-Gdnf^{tm1.1Neas/J}

RRID:IMSR_JAX:014097

Type: Organism

Proper Citation

RRID:IMSR_JAX:014097

Organism Information

URL: <https://www.jax.org/strain/014097>

Proper Citation: RRID:IMSR_JAX:014097

Description: Mus musculus with name B6.129S1(Cg)-Gdnf^{tm1.1Neas/J} from IMSR.

Species: Mus musculus

Notes: gene symbol note: glial cell line derived neurotrophic factor; mutant strain|congenic strain: Gdnf

Affected Gene: glial cell line derived neurotrophic factor

Genomic Alteration: targeted mutation 1.1; Neil A Shneider

Catalog Number: JAX:014097

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.129S1(Cg)-Gdnf^{tm1.1Neas/J}

Record Creation Time: 20250513T053726+0000

Record Last Update: 20260829T045037+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S1(Cg)-Gdnf^{tm1.1Neas/J}.

No alerts have been found for B6.129S1(Cg)-Gdnf^{tm1.1Neas/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 [NIF](#) .

Lemmetyinen TT, et al. (2024) Mesenchymal GDNF promotes intestinal enterochromaffin cell differentiation. iScience, 27(12), 111246.

Zhang N, et al. (2020) GLAST-CreERT2 mediated deletion of GDNF increases brain damage and exacerbates long-term stroke outcomes after focal ischemic stroke in mouse model. Glia, 68(11), 2395.