Resource Summary Report

Generated by kravitz2 on Sep 18, 2026

B6(Cg)-Grn$^{tm1.1Aidi}$/J

RRID:IMSR_JAX:013175
Type: Organism

Proper Citation

RRID:IMSR_JAX:013175

Organism Information

URL: https://www.jax.org/strain/013175

Proper Citation: RRID:IMSR_JAX:013175

Description: Mus musculus with name B6(Cg)-Grn$^{tm1.1Aidi}$/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Grn/J

Notes: gene symbol note: granulin; mutant strain|congenic strain: Grn

Affected Gene: granulin

Genomic Alteration: targeted mutation 1.1; Aihao Ding

Catalog Number: JAX:013175

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6(Cg)-Grn$^{tm1.1Aidi}$/J

Record Creation Time: 20250513T053724+0000

Record Last Update: 20260912T060510+0000

Ratings and Alerts

No rating or validation information has been found for B6(Cg)-Grn$^{tm1.1Aidi}$/J.

No alerts have been found for B6(Cg)-Grn$^{tm1.1Aidi}$/J.

Data and Source Information

Source: Integrated Animals

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Root J, et al. (2024) Granulins rescue inflammation, lysosome dysfunction, lipofuscin, and neuropathology in a mouse model of progranulin deficiency. Cell reports, 43(12), 114985.

Root J, et al. (2023) Granulins rescue inflammation, lysosome dysfunction, and neuropathology in a mouse model of progranulin deficiency. bioRxiv : the preprint server for biology.

Feng T, et al. (2023) AAV-GRN partially corrects motor deficits and ALS/FTLD-related pathology in Tmem106b-/-Grn-/- mice. iScience, 26(7), 107247.

Logan T, et al. (2021) Rescue of a lysosomal storage disorder caused by Grn loss of function with a brain penetrant progranulin biologic. Cell, 184(18), 4651.

Huang M, et al. (2020) Network analysis of the progranulin-deficient mouse brain proteome reveals pathogenic mechanisms shared in human frontotemporal dementia caused by GRN mutations. Acta neuropathologica communications, 8(1), 163.

Zhou X, et al. (2017) The interaction between progranulin and prosaposin is mediated by granulins and the linker region between saposin B and C. Journal of neurochemistry, 143(2), 236.