

Resource Summary Report

Generated by [kravitz2](#) on Sep 18, 2026

B6.Cg-Gba1^{em1Mcook}/J

RRID:IMSR_JAX:036159

Type: Organism

Proper Citation

RRID:IMSR_JAX:036159

Organism Information

URL: <https://www.jax.org/strain/036159>

Proper Citation: RRID:IMSR_JAX:036159

Description: Mus musculus with name B6.Cg-Gba1^{em1Mcook}/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Gba/J. B6J.Cg-Gba/J

Notes: gene symbol note: glucosylceramidase beta 1; mutant strain|congenic strain: Gba1

Affected Gene: glucosylceramidase beta 1

Genomic Alteration: endonuclease-mediated mutation 1; Mark Cookson

Catalog Number: JAX:036159

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.Cg-Gba1^{em1Mcook}/J

Record Creation Time: 20250513T053852+0000

Record Last Update: 20260912T060623+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Gba1^{em1Mcook}/J.

No alerts have been found for B6.Cg-Gba1^{em1Mcook}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Davis OB, et al. (2025) A Common PD-Risk GBA1 Variant Disrupts LIMP2 Interaction, Impairs Glucocerebrosidase Function, and Drives Lysosomal and Mitochondrial Dysfunction. bioRxiv : the preprint server for biology.