

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[Gba^{tm1Karl}/Gba^{tm1Karl}; Tg\(Nes-cre\)1Kln](#)

RRID:MGI:3764516

Type: Organism

Proper Citation

RRID:MGI:3764516

Organism Information

URL:

Proper Citation: RRID:MGI:3764516

Description: Allele Detail: Targeted, Transgenic This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted, Transgenic This is a legacy resource.

Phenotype: abnormal gait, abnormal lipid homeostasis, premature death, neuron degeneration, seizures, abnormal brain morphology, abnormal microglial cell morphology, astrocytosis, paralysis

Affected Gene: Gba, Tg(Nes-cre)1Kln

Genomic Alteration: tm1Karl, Tg(Nes-cre)1Kln

Catalog Number: 3764516

Background: involves: 129S1/Sv * 129X1/SvJ * C57BL/6 * SJL

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:17954912](#)

Organism Name: Gba^{tm1Karl}/Gba^{tm1Karl}; Tg(Nes-cre)1Kln

Record Creation Time: 20240120T190454+0000

Record Last Update: 20240130T201959+0000

Ratings and Alerts

No rating or validation information has been found for $Gba^{tm1Karl}/Gba^{tm1Karl}; Tg(Nes-cre)1Kln$.

No alerts have been found for $Gba^{tm1Karl}/Gba^{tm1Karl}; Tg(Nes-cre)1Kln$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Cho SM, et al. (2019) Absence of infiltrating peripheral myeloid cells in the brains of mouse models of lysosomal storage disorders. Journal of neurochemistry, 148(5), 625.