

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

[Gdnf^{tm1Lmgd}/Gdnf⁺](#)

RRID:MGI:3588490

Type: Organism

Proper Citation

RRID:MGI:3588490

Organism Information

URL:

Proper Citation: RRID:MGI:3588490

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

Species: Mus musculus

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

Phenotype: megacolon, abnormal enteric ganglia morphology, chronic constipation, single kidney, abnormal submucous nerve plexus morphology, distended stomach, intestinal hypoperistalsis, abnormal myenteric nerve plexus morphology, preweaning lethality, incomplete penetrance

Affected Gene: Gdnf

Genomic Alteration: tm1Lmgd

Catalog Number: 3588490

Background: either: (involves: 129/Sv) or (involves: 129/Sv * C57BL/6) or (involves: 129/Sv * CD-1)

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:11774071](#)

Organism Name: Gdnf^{tm1Lmgd}/Gdnf⁺

Record Creation Time: 20240120T190622+0000

Record Last Update: 20240130T202018+0000

Ratings and Alerts

No rating or validation information has been found for $Gdnf^{tm1Lmgd}/Gdnf^{+}$.

No alerts have been found for $Gdnf^{tm1Lmgd}/Gdnf^{+}$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.