

# Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

## M100553

RRID:IMSR\_RBRC-GSC0155

Type: Organism

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### Proper Citation

RRID:IMSR\_RBRC-GSC0155

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### Organism Information

**URL:** <https://brc.riken.jp/mus/GSC0155>

**Proper Citation:** RRID:IMSR\_RBRC-GSC0155

**Description:** Mus musculus with name M100553 from IMSR.

**Species:** Mus musculus

**Synonyms:** D2;B6-Gck/Rbrc. M100553 (early onset diabetes/ ENU)

**Notes:** gene symbol note: glucokinase; mutant stock: Gck

**Affected Gene:** glucokinase

**Genomic Alteration:** RIKEN Genomic Sciences Center (GSC); 553

**Catalog Number:** RBRC-GSC0155

**Database:** RIKEN BioResource Research Center

**Database Abbreviation:** RBRC

**Availability:** sperm

**Organism Name:** M100553

**Record Creation Time:** 20250513T061426+0000

**Record Last Update:** 20260912T064244+0000

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### Ratings and Alerts

No rating or validation information has been found for M100553.

No alerts have been found for M100553.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.