

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 7, 2026

C57BL/6-Gcg^{em1}(cre)Utr

RRID:IMSR_RBRC10958

Type: Organism

Proper Citation

RRID:IMSR_RBRC10958

Organism Information

URL: <https://brc.riken.jp/mus/RBRC10958>

Proper Citation: RRID:IMSR_RBRC10958

Description: Mus musculus with name C57BL/6-Gcg^{em1}(cre)Utr from IMSR.

Species: Mus musculus

Notes: gene symbol note: glucagon; mutant strain: Gcg

Affected Gene: glucagon

Genomic Alteration: endonuclease-mediated mutation 1; University of Tsukuba Laboratory Animal Resource Center

Catalog Number: RBRC10958

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Gcg^{em1}(cre)Utr

Record Creation Time: 20250513T061526+0000

Record Last Update: 20260801T055014+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Gcg^{em1}(cre)Utr.

No alerts have been found for C57BL/6-Gcg^{em1}(cre)Utr.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tsuno T, et al. (2025) Imeglimin suppresses glucagon secretion and induces a loss of ?? cell identity. Cell reports. Medicine, 6(8), 102254.