

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

B6;129S-Gcg^{tm1.1(cre/ERT2)}Gkg/J

RRID:IMSR_JAX:030681

Type: Organism

Proper Citation

RRID:IMSR_JAX:030681

Organism Information

URL: <https://www.jax.org/strain/030681>

Proper Citation: RRID:IMSR_JAX:030681

Description: Mus musculus with name B6;129S-Gcg^{tm1.1(cre/ERT2)}Gkg/J from IMSR.

Species: Mus musculus

Synonyms: B6.Cg-Gcg/J

Notes: gene symbol note: Cre recombinase and estrogen receptor 1 (human) fusion gene|glucagon; mutant stock: cre/ERT2|Gcg

Affected Gene: Cre recombinase and estrogen receptor 1 (human) fusion gene|glucagon

Genomic Alteration: targeted mutation 1.1; George K Gittes

Catalog Number: JAX:030681

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6;129S-Gcg^{tm1.1(cre/ERT2)}Gkg/J

Record Creation Time: 20250513T053817+0000

Record Last Update: 20260725T044519+0000

Ratings and Alerts

No rating or validation information has been found for B6;129S-Gcg^{tm1.1(cre/ERT2)}Gkg/J.

No alerts have been found for B6;129S-Gcg^{tm1.1(cre/ERT2)Gkg/J}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Zhang X, et al. (2022) IL18 signaling causes islet β cell development and insulin secretion via different receptors on acinar and β cells. Developmental cell, 57(12), 1496.

Yan S, et al. (2022) Intestinal Gpr17 deficiency improves glucose metabolism by promoting GLP-1 secretion. Cell reports, 38(1), 110179.