

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[GK/Jcl](#)

RRID:RGD_13506739

Type: Organism

Proper Citation

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Organism Information

URL: <https://rgd.mcw.edu/rgdweb/report/strain/main.html?id=13506739>

Proper Citation: RRID:RGD_13506739

Description: Rattus norvegicus with name GK/Jcl from RGD.

Species: Rattus norvegicus

Notes: The Goto-Kakizaki (GK) rat is a non-obese Wistar substrain which develops Type 2 diabetes mellitus early in life. The model was developed by Goto and Kakizaki at Tohoku University, Sendai, Japan in 1975. The GK line was established by repeated inbreeding from Wistar rats selected at the upper limit of normal distribution for glucose tolerance. Repeated selection of rats with tendency to lowest glucose tolerance resulted in clear-cut glucose intolerance after five generations. This strain was introduced from Tohoku University, and CLEA Japan Inc started its production and supply as GK/Jcl. [CLEA Japan, Inc](#)

Catalog Number: 13506739

Background: inbred

Database: Rat Genome Database (RGD)

Database Abbreviation: RGD

Availability: Unknown

Alternate IDs: 13506739

Organism Name: GK/Jcl

Record Creation Time: 20230509T191948+0000

Record Last Update: 20260808T193744+0000

Ratings and Alerts

No rating or validation information has been found for GK/Jcl.

No alerts have been found for GK/Jcl.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Rat Genome Database (RGD)

Usage and Citation Metrics

We have not found any literature mentions for this resource.