

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

STOCK Tg(RP23-247J99-GCaMP8)B23Mik

RRID:IMSR_CHROMUS:B23

Type: Organism

Proper Citation

RRID:IMSR_CHROMUS:B23

Organism Information

URL: <http://chromus.vet.cornell.edu/spc-gcamp8/>

Proper Citation: RRID:IMSR_CHROMUS:B23

Description: Mus musculus with name STOCK Tg(RP23-247J99-GCaMP8)B23Mik from IMSR.

Species: Mus musculus

Notes: gene symbol note: Genetically encoded calcium indicator|transgene insertion B23; Michael I Kotlikoff|surfactant associated protein C; mutant stock: GCaMP|Tg(RP23-247J99-GCaMP8)B23Mik|Sftpc

Affected Gene: Genetically encoded calcium indicator|transgene insertion B23; Michael I Kotlikoff|surfactant associated protein C

Genomic Alteration: transgene insertion B23; Michael I Kotlikoff

Catalog Number: CHROMUS:B23

Database: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling

Database Abbreviation: CHROMus

Availability: live

Organism Name: STOCK Tg(RP23-247J99-GCaMP8)B23Mik

Record Creation Time: 20250513T062410+0000

Record Last Update: 20260801T060138+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(RP23-247J99-GCaMP8)B23Mik.

No alerts have been found for STOCK Tg(RP23-247J99-GCaMP8)B23Mik.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lee FK, et al. (2021) Genetically engineered mice for combinatorial cardiovascular optobiology. eLife, 10.