

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

STOCK Tg(RP23-453P1-GCaMP8)B20Mik

RRID:IMSR_CHROMUS:B20

Type: Organism

Proper Citation

RRID:IMSR_CHROMUS:B20

Organism Information

URL: <http://chromus.vet.cornell.edu/cdh5gcamp8/>

Proper Citation: RRID:IMSR_CHROMUS:B20

Description: Mus musculus with name STOCK Tg(RP23-453P1-GCaMP8)B20Mik from IMSR.

Species: Mus musculus

Notes: gene symbol note: transgene insertion B20; Michael I Kotlikoff|cadherin 5|Genetically encoded calcium indicator; mutant stock: Tg(RP23-453P1-GCaMP8)B20Mik|Cdh5|GCaMP

Affected Gene: transgene insertion B20; Michael I Kotlikoff|cadherin 5|Genetically encoded calcium indicator

Genomic Alteration: transgene insertion B20; Michael I Kotlikoff

Catalog Number: CHROMUS:B20

Database: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling

Database Abbreviation: CHROMus

Availability: live

Organism Name: STOCK Tg(RP23-453P1-GCaMP8)B20Mik

Record Creation Time: 20250513T062410+0000

Record Last Update: 20260815T055928+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(RP23-453P1-GCaMP8)B20Mik.

No alerts have been found for STOCK Tg(RP23-453P1-GCaMP8)B20Mik.

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 [NIF](#) .

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