

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

STOCK Tg(Myh6*-GCaMP8)B4Mik

RRID:IMSR_CHROMUS:B4

Type: Organism

Proper Citation

RRID:IMSR_CHROMUS:B4

Organism Information

URL: <http://chromus.vet.cornell.edu/amhcgcamp8/>

Proper Citation: RRID:IMSR_CHROMUS:B4

Description: Mus musculus with name STOCK Tg(Myh6*-GCaMP8)B4Mik from IMSR.

Species: Mus musculus

Notes: gene symbol note: Genetically encoded calcium indicator|transgene insertion B4; Michael I Kotlikoff|myosin; heavy polypeptide 6; cardiac muscle; alpha; mutant stock: GCaMP|Tg(Myh6*-GCaMP8)B4Mik|Myh6

Affected Gene: Genetically encoded calcium indicator|transgene insertion B4; Michael I Kotlikoff|myosin; heavy polypeptide 6; cardiac muscle; alpha

Genomic Alteration: transgene insertion B4; Michael I Kotlikoff

Catalog Number: CHROMUS:B4

Database: Cornell Heart Lung Blood Resource for Optogenetic Mouse Signaling

Database Abbreviation: CHROMus

Availability: live

Organism Name: STOCK Tg(Myh6*-GCaMP8)B4Mik

Record Creation Time: 20250513T062410+0000

Record Last Update: 20260815T055935+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(Myh6*-GCaMP8)B4Mik.

No alerts have been found for STOCK Tg(Myh6*-GCaMP8)B4Mik.

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.