

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

B6;FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J

RRID:IMSR_JAX:025406

Type: Organism

Proper Citation

RRID:IMSR_JAX:025406

Organism Information

URL: <https://www.jax.org/strain/025406>

Proper Citation: RRID:IMSR_JAX:025406

Description: Mus musculus with name B6;FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J from IMSR.

Species: Mus musculus

Synonyms: B6.FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J

Notes: gene symbol note: transgene insertion 1; Michael I Kotlikoff|actin alpha 2; smooth muscle; aorta||Genetically encoded calcium indicator|Fas cell surface death receptor; mutant stock: Tg(RP23-370F21-GCaMP3*/mCherry)1Mik|Acta2||GCaMP|Fas

Affected Gene: transgene insertion 1; Michael I Kotlikoff|actin alpha 2; smooth muscle; aorta||Genetically encoded calcium indicator|Fas cell surface death receptor

Genomic Alteration: transgene insertion 1; Michael I Kotlikoff

Catalog Number: JAX:025406

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6;FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J

Record Creation Time: 20250513T053754+0000

Record Last Update: 20260829T045058+0000

Ratings and Alerts

No rating or validation information has been found for B6;FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J.

No alerts have been found for B6;FVB-Tg(RP23-370F21-GCaMP3*/mCherry)1Mik/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We have not found any literature mentions for this resource.