

Resource Summary Report

Generated by T1D on Sep 6, 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: actin alpha 2; smooth muscle; aorta|Fas cell surface death receptor|transgene insertion 1; Michael I Kotlikoff|Genetically encoded calcium indicator|; mutant stock: Acta2|Fas|Tg(RP23-370F21-GCaMP3*/mCherry)1Mik|GCaMP|

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

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: 20260905T044533+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.