

Resource Summary Report

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STOCK Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik

RRID:IMSR_CHROMUS:B6

Type: Organism

Proper Citation

RRID:IMSR_CHROMUS:B6

Organism Information

URL: <http://chromus.vet.cornell.edu/acta2-optoa1ar-ires-lacz/>

Proper Citation: RRID:IMSR_CHROMUS:B6

Description: Mus musculus with name STOCK Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik from IMSR.

Species: Mus musculus

Notes: gene symbol note: actin alpha 2; smooth muscle; aorta|beta-galactosidase|transgene insertion B6; Michael I Kotlikoff|rhodopsin based optogenetic effector; mutant stock: Acta2|lacZ|Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik|optoa1AR

Affected Gene: actin alpha 2; smooth muscle; aorta|beta-galactosidase|transgene insertion B6; Michael I Kotlikoff|rhodopsin based optogenetic effector

Genomic Alteration: transgene insertion B6; Michael I Kotlikoff

Catalog Number: CHROMUS:B6

Database: International Mouse Resource Center IMSR, CHROMus

Database Abbreviation: IMSR

Availability: live

Organism Name: STOCK Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik.

No alerts have been found for STOCK Tg(RP23-370F21-optoa1AR-IRES-lacZ)B6Mik.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: International Mouse Resource Center IMSR, CHROMus

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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