

Resource Summary Report

Generated by [ASWG](#) on Aug 24, 2026

C.Cg-Tg(Acta2/CYSLTR1)31Fun/J

RRID:IMSR_JAX:005129

Type: Organism

Proper Citation

RRID:IMSR_JAX:005129

Organism Information

URL: <https://www.jax.org/strain/005129>

Proper Citation: RRID:IMSR_JAX:005129

Description: Mus musculus with name C.Cg-Tg(Acta2/CYSLTR1)31Fun/J from IMSR.

Species: Mus musculus

Synonyms: C.Cg-Tg(Acta2-CYSLTR1)31Fun/J

Notes: gene symbol note: actin alpha 2; smooth muscle; aorta|transgene insertion 31; Colin D Funk|cysteinyl leukotriene receptor 1; mutant strain|congenic strain: Acta2|Tg(Acta2/CYSLTR1)31Fun|CYSLTR1

Affected Gene: actin alpha 2; smooth muscle; aorta|transgene insertion 31; Colin D Funk|cysteinyl leukotriene receptor 1

Genomic Alteration: transgene insertion 31; Colin D Funk

Catalog Number: JAX:005129

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: C.Cg-Tg(Acta2/CYSLTR1)31Fun/J

Record Creation Time: 20250513T053648+0000

Record Last Update: 20260815T050557+0000

Ratings and Alerts

No rating or validation information has been found for C.Cg-Tg(Acta2/CYSLTR1)31Fun/J.

No alerts have been found for C.Cg-Tg(Acta2/CYSLTR1)31Fun/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.