

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

STOCK Tg(TCF/Lef1-lacZ)34Efu/J

RRID:IMSR_JAX:004623

Type: Organism

Proper Citation

RRID:IMSR_JAX:004623

Organism Information

URL: <https://www.jax.org/strain/004623>

Proper Citation: RRID:IMSR_JAX:004623

Description: Mus musculus with name STOCK Tg(TCF/Lef1-lacZ)34Efu/J from IMSR.

Species: Mus musculus

Synonyms: STOCK Tg(Fos-lacZ)34Efu/J

Notes: gene symbol note: Fos proto-oncogene; AP-1 transcription factor subunit|G protein subunit alpha transducin 2|beta-galactosidase|transgene insertion 34; Elaine Fuchs; mutant stock: Fos|Gnat2|lacZ|Tg(TCF/Lef1-lacZ)34Efu

Affected Gene: Fos proto-oncogene; AP-1 transcription factor subunit|G protein subunit alpha transducin 2|beta-galactosidase|transgene insertion 34; Elaine Fuchs

Genomic Alteration: transgene insertion 34; Elaine Fuchs|cone photoreceptor function loss 3

Catalog Number: JAX:004623

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: STOCK Tg(TCF/Lef1-lacZ)34Efu/J

Record Creation Time: 20250513T053645+0000

Record Last Update: 20260808T050847+0000

Ratings and Alerts

No rating or validation information has been found for STOCK Tg(TCF/Lef1-lacZ)34Efu/J.

No alerts have been found for STOCK Tg(TCF/Lef1-lacZ)34Efu/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Touahri Y, et al. (2024) Pten regulates endocytic trafficking of cell adhesion and Wnt signaling molecules to pattern the retina. Cell reports, 43(4), 114005.

Dong B, et al. (2022) Osteoblast/osteocyte-derived interleukin-11 regulates osteogenesis and systemic adipogenesis. Nature communications, 13(1), 7194.