

Resource Summary Report

Generated by ASWG on Aug 23, 2026

B6.Cg-Igs7^{tm134.1}(tetO-COP4*H134R/EYFP)Hze/J

RRID:IMSR_JAX:031334

Type: Organism

Proper Citation

RRID:IMSR_JAX:031334

Organism Information

URL: <https://www.jax.org/strain/031334>

Proper Citation: RRID:IMSR_JAX:031334

Description: Mus musculus with name B6.Cg-Igs7^{tm134.1}(tetO-COP4*H134R/EYFP)Hze/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: Channelrhodopsin||intergenic site 7|tet operator; mutant strain|congenic strain: COP4||Igs7|tetO

Affected Gene: Channelrhodopsin||intergenic site 7|tet operator

Genomic Alteration: targeted mutation 134.1; Hongkui Zeng

Catalog Number: JAX:031334

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: sperm

Organism Name: B6.Cg-Igs7^{tm134.1}(tetO-COP4*H134R/EYFP)Hze/J

Record Creation Time: 20250513T053821+0000

Record Last Update: 20260815T050734+0000

Ratings and Alerts

No rating or validation information has been found for B6.Cg-Igs7^{tm134.1}(tetO-COP4*H134R/EYFP)Hze/J.

No alerts have been found for B6.Cg-Igs7^{tm134.1}(tetO-COP4*H134R/EYFP)Hze/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Daigle TL, et al. (2018) A Suite of Transgenic Driver and Reporter Mouse Lines with Enhanced Brain-Cell-Type Targeting and Functionality. Cell, 174(2), 465.